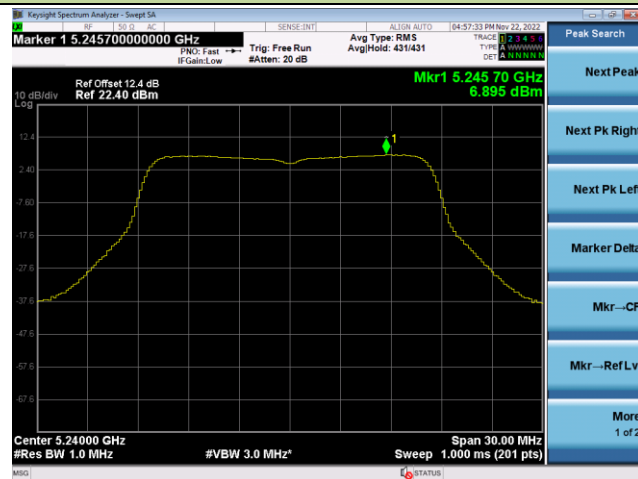| 802.11a Power Spectral Density-Ant 0	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
Channel 48 (5240MHz)	**Channel 52 (5260MHz)**
Channel 60 (5300MHz)	**Channel 64 (5320MHz)**
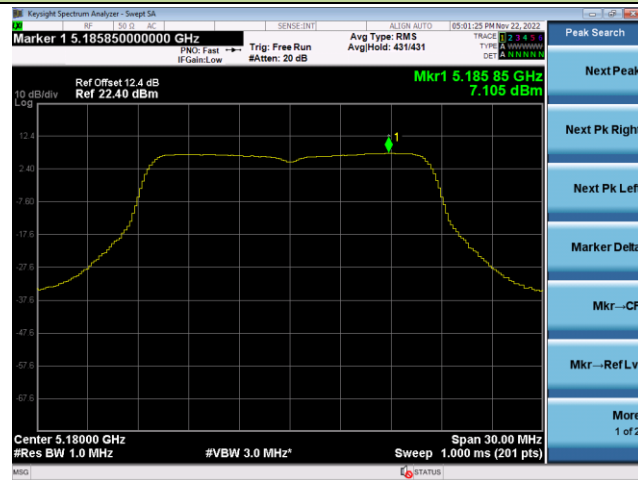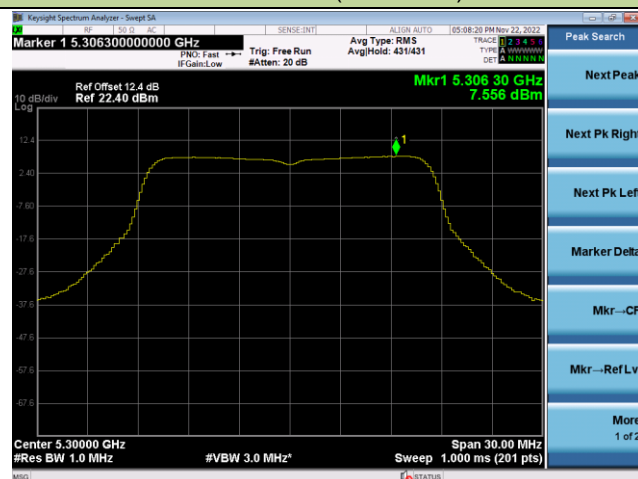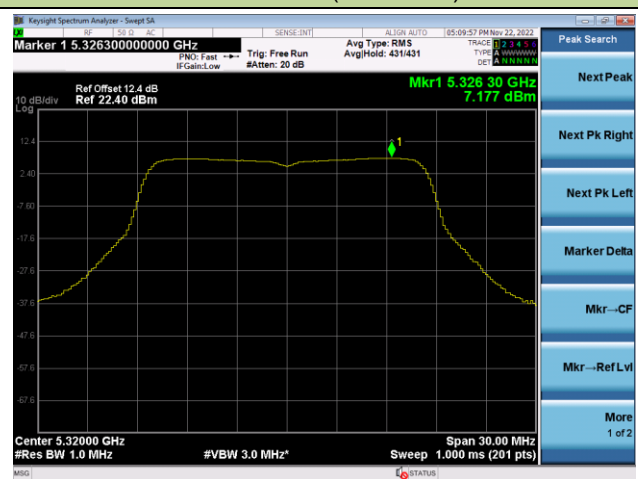
Channel 100 (5500MHz)
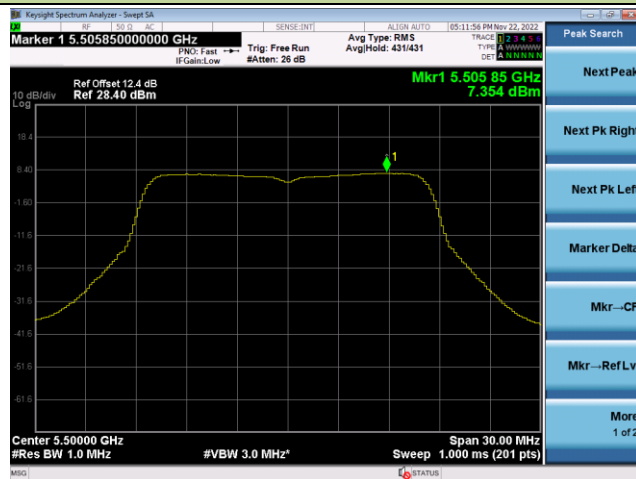
Channel 64 (5580MHz)
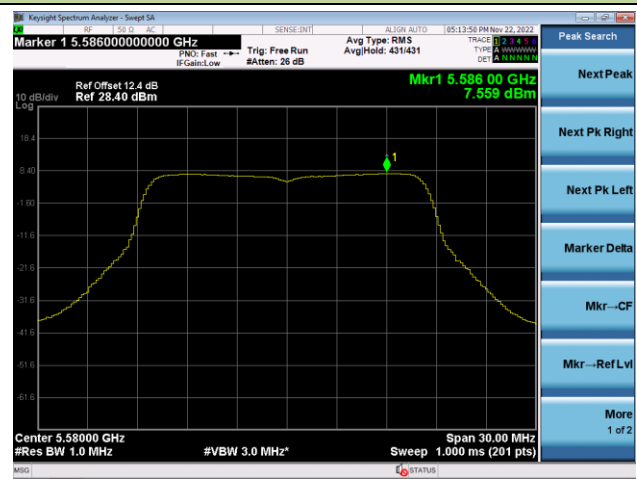
Channel 140 (5700MHz)

Channel 149 (5745MHz)

Channel 157 (5785MHz)

Channel 165 (5825MHz)

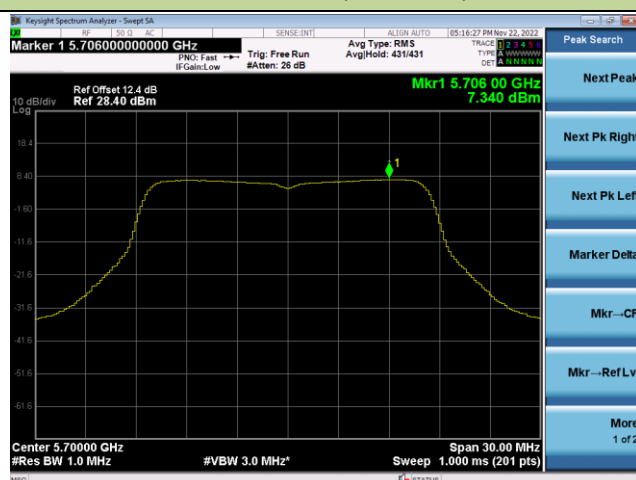| 802.11ac-VHT20 Power Spectral Density-Ant 0	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
Channel 48 (5240MHz)	**Channel 52 (5260MHz)**
Channel 60 (5300MHz)	**Channel 64 (5320MHz)**

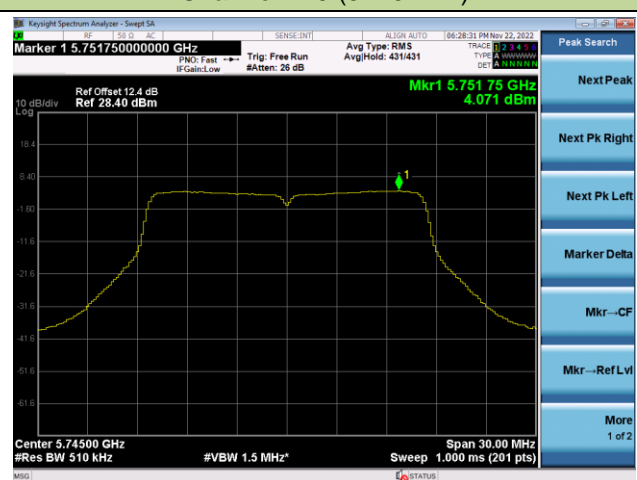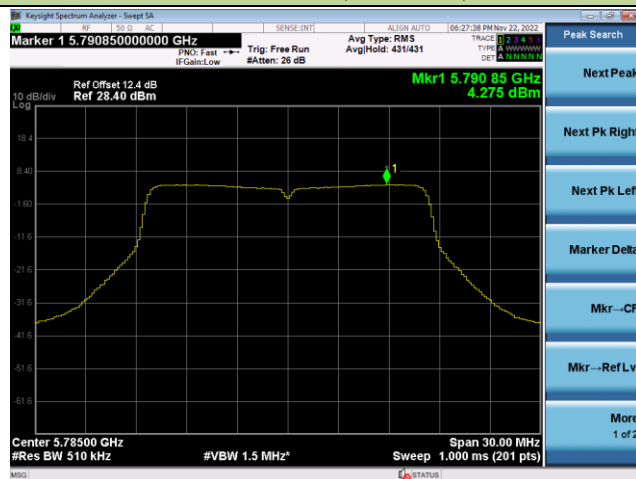## Channel 100 (5500MHz)
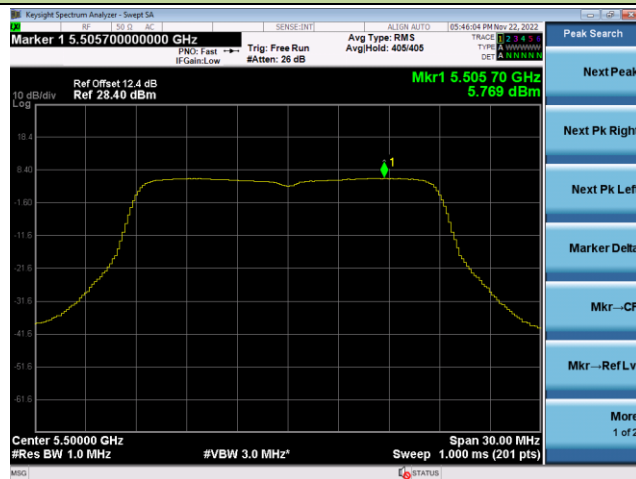
Channel 116 (5580MHz)

Channel 140 (5700MHz)

Channel 149 (5745MHz)
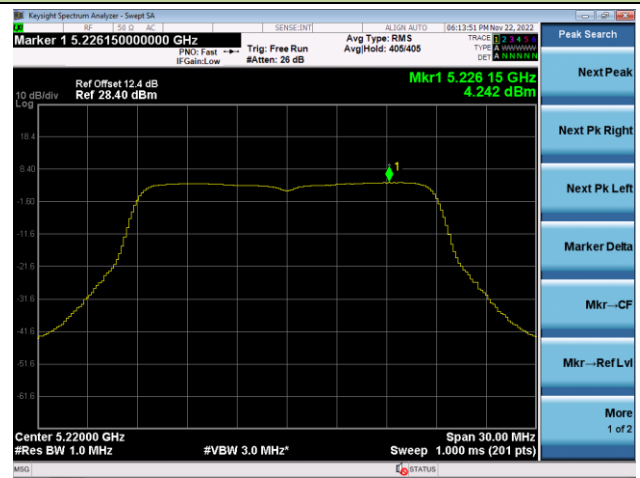

Channel 157 (5785MHz)

Channel 165 (5825MHz)
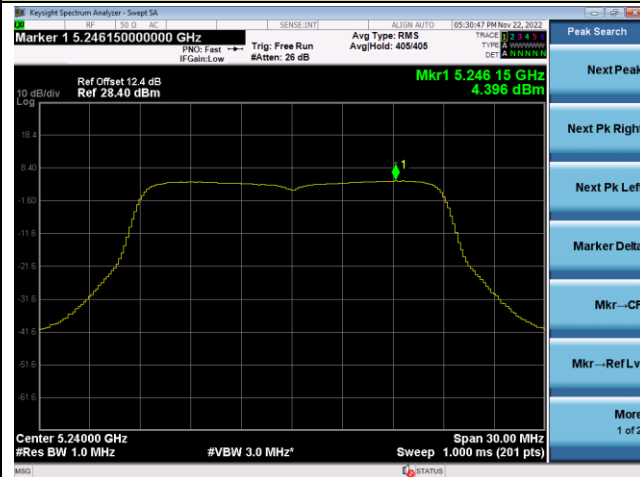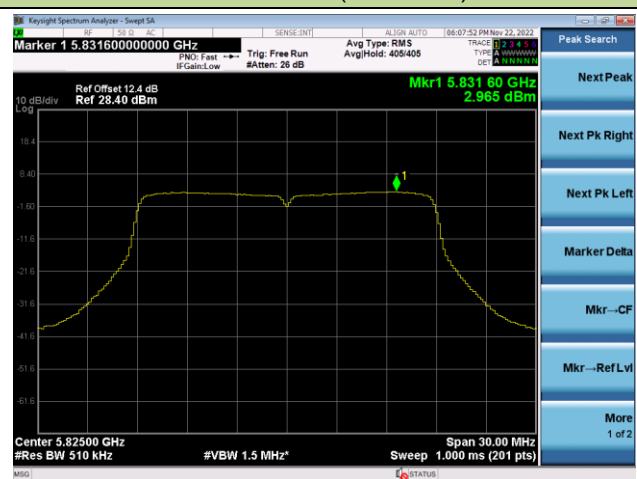
802.11ac-VHT40 Power Spectral Density-Ant 0
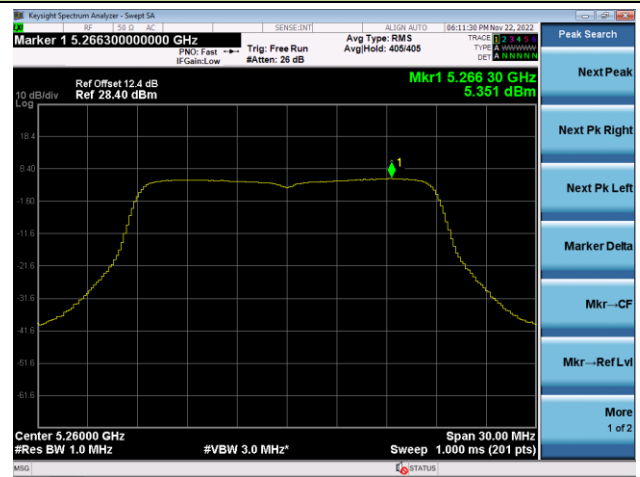
Channel 38 (5190MHz)
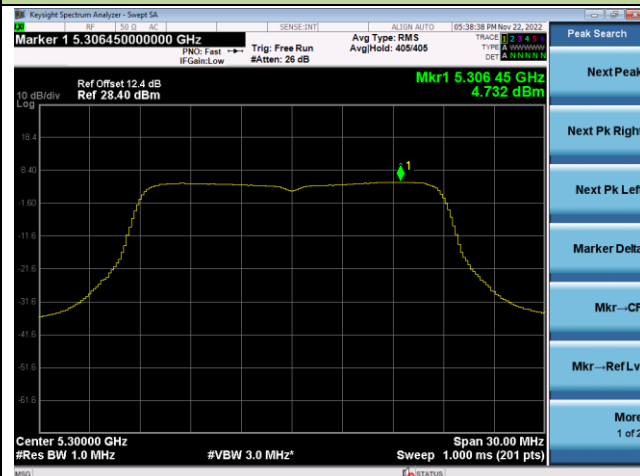

Channel 46 (5230MHz)

Channel 54 (5270MHz)

Channel 62 (5310MHz)

Channel 102 (5510MHz)

Channel 110 (5550MHz)

Channel 134 (5670MHz)	Channel 151 (5755MHz)

Channel 159 (5795MHz)	
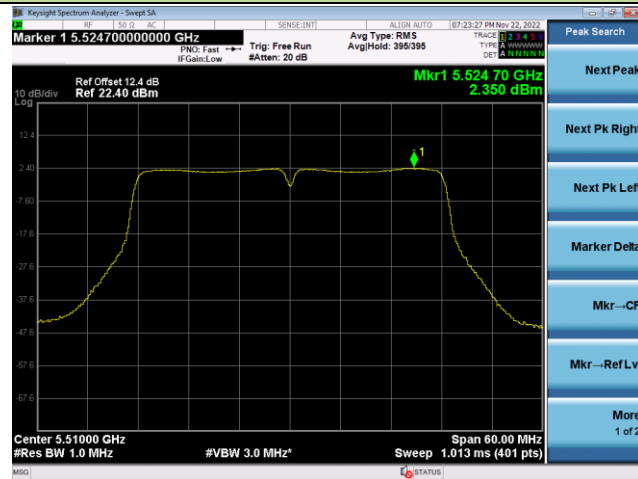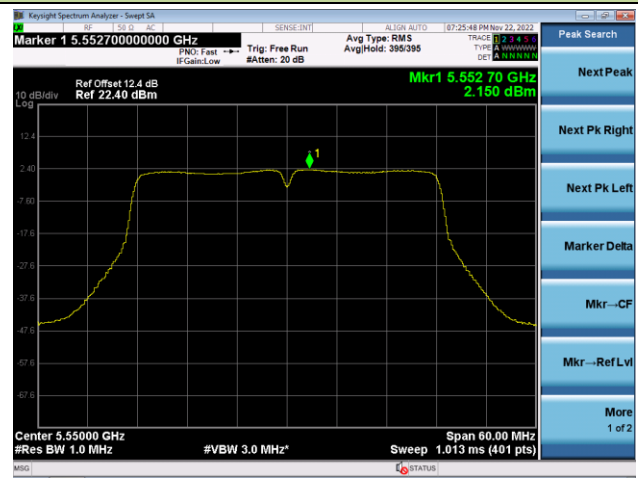
802.11ac-VHT80 Power Spectral Density-Ant 0	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
Channel 106 (5530MHz)	Channel 122 (5610MHz)
Channel 155 (5775MHz)	
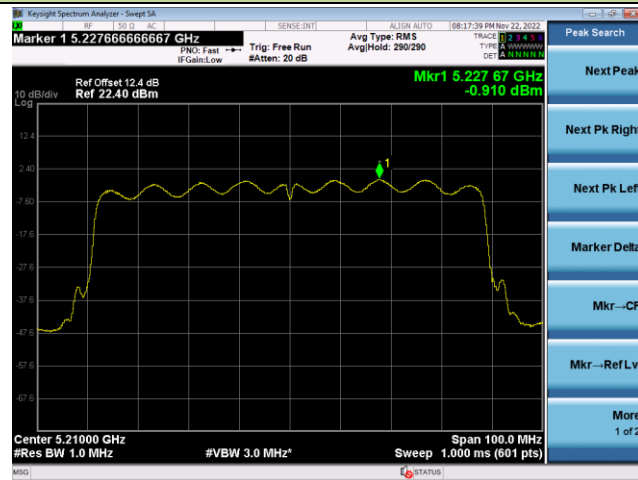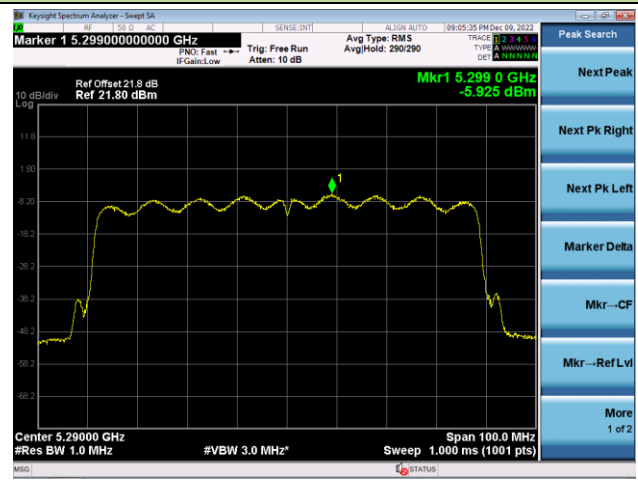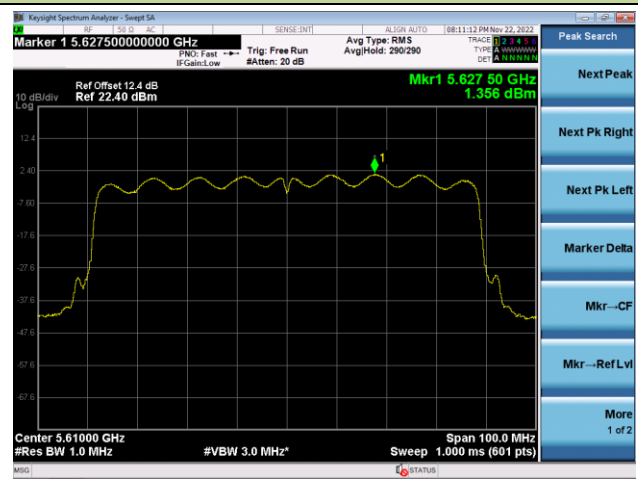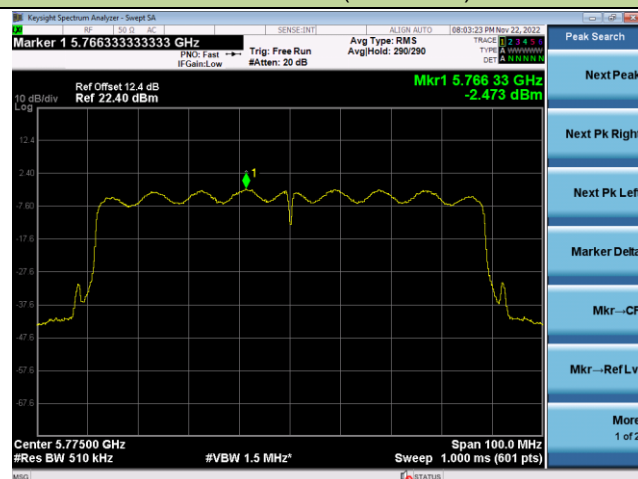
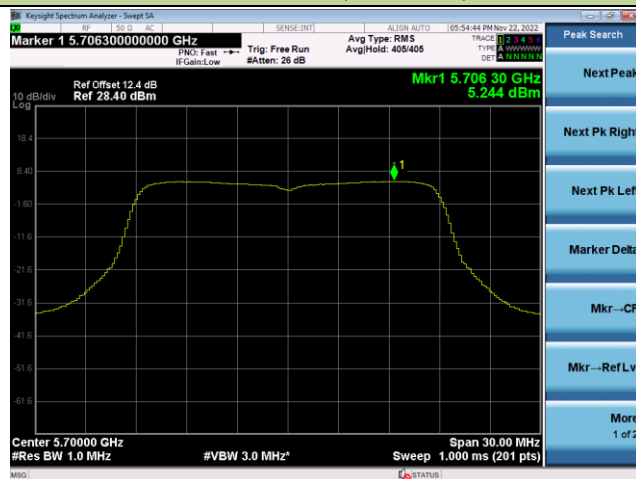| 802.11ac-VHT20 Power Spectral Density-Ant 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
Channel 48 (5240MHz)	**Channel 52 (5260MHz)**
Channel 60 (5300MHz)	**Channel 64 (5320MHz)**
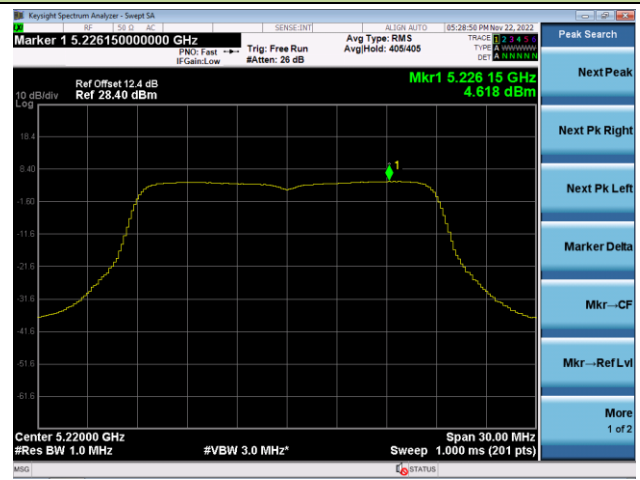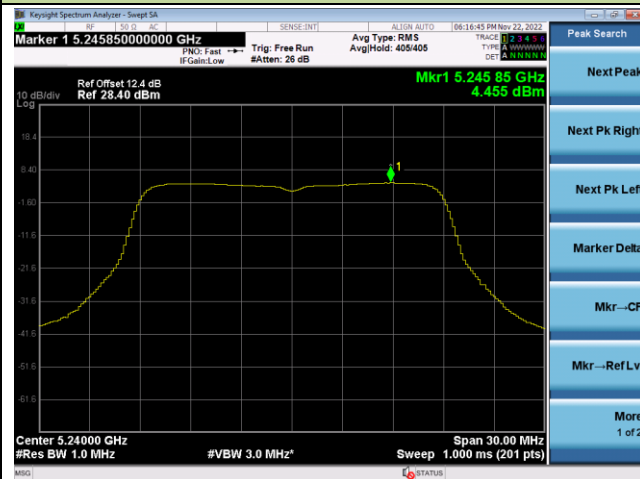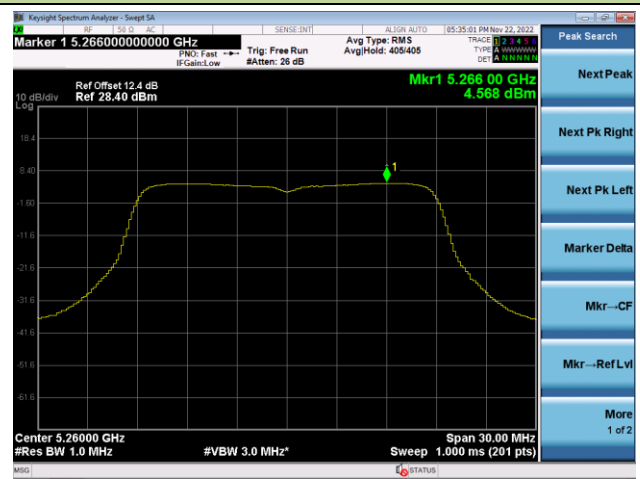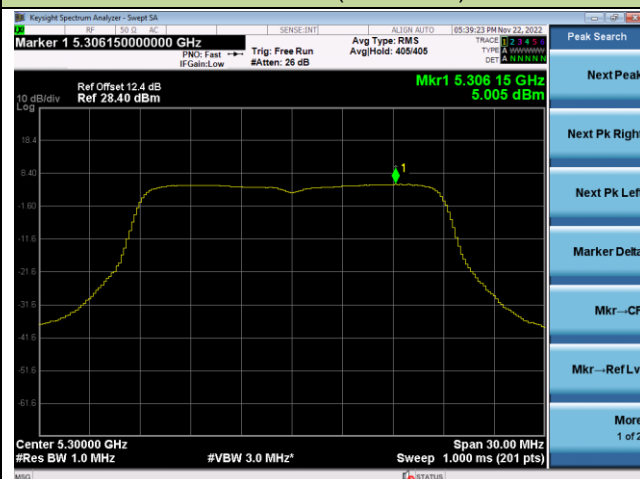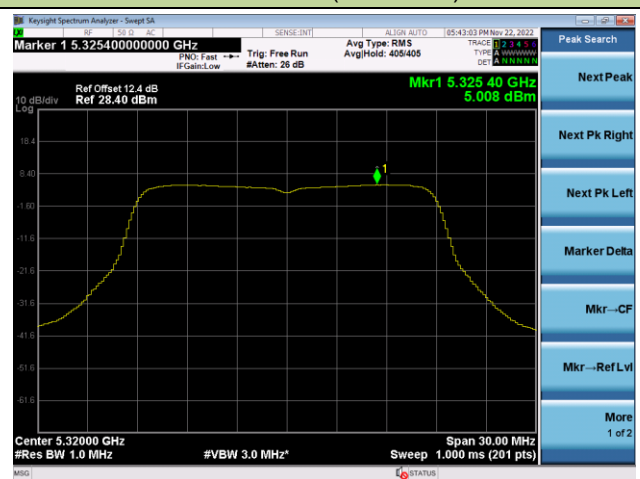
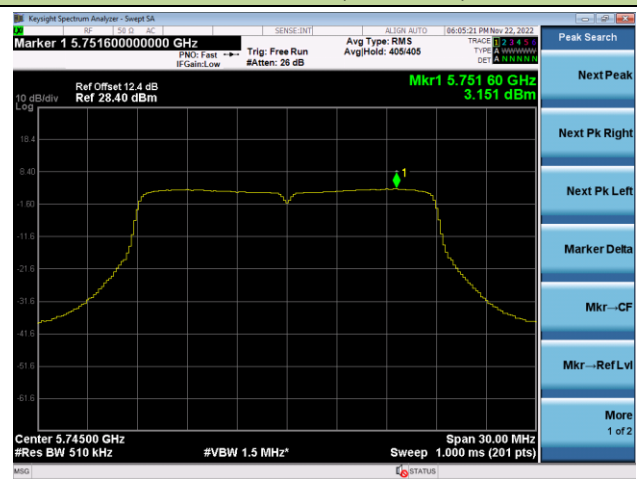## Channel 100 (5500MHz)
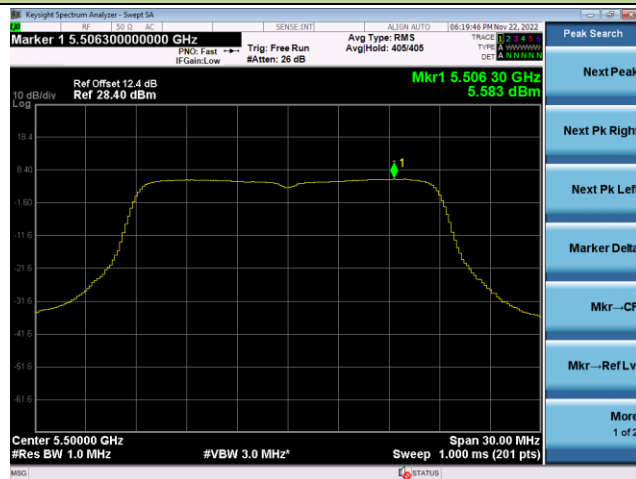
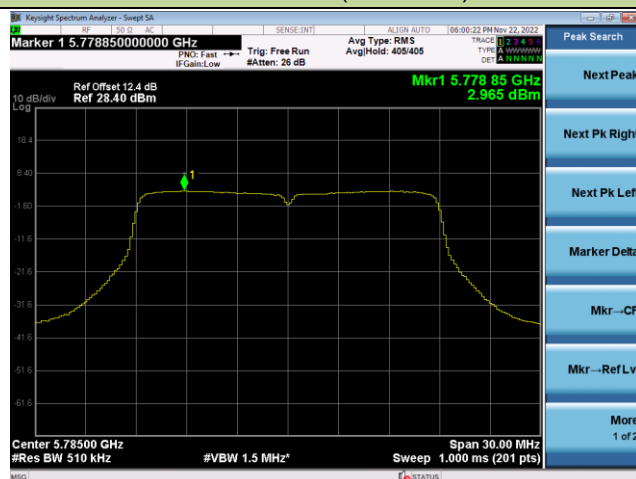## Channel 116 (5580MHz)
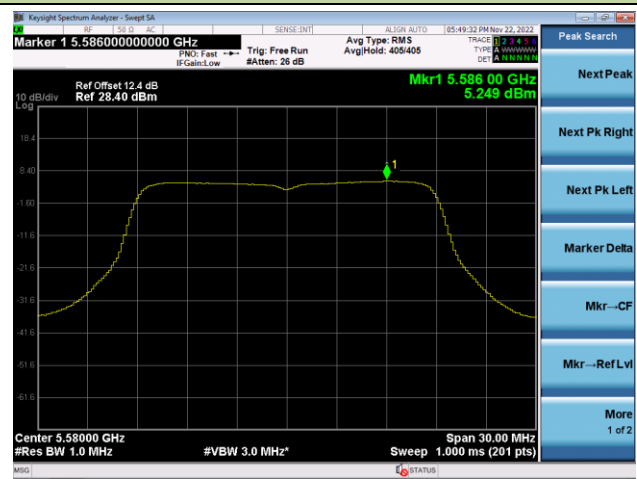
Channel 140 (5700MHz)
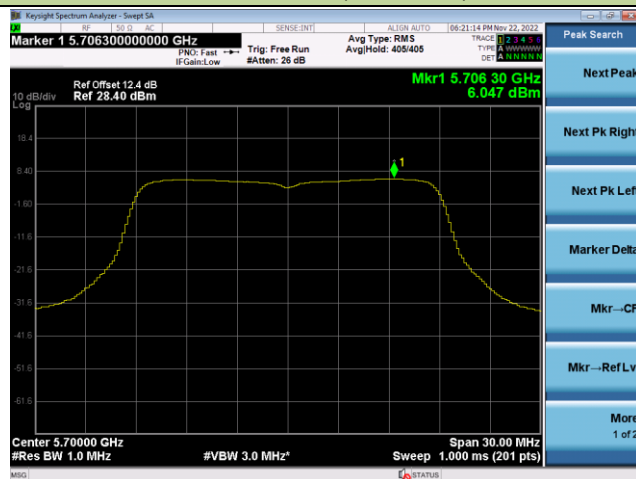
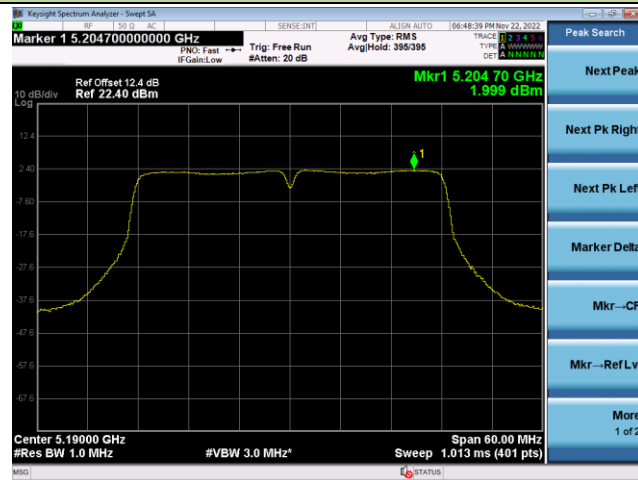

Channel 149 (5745MHz)
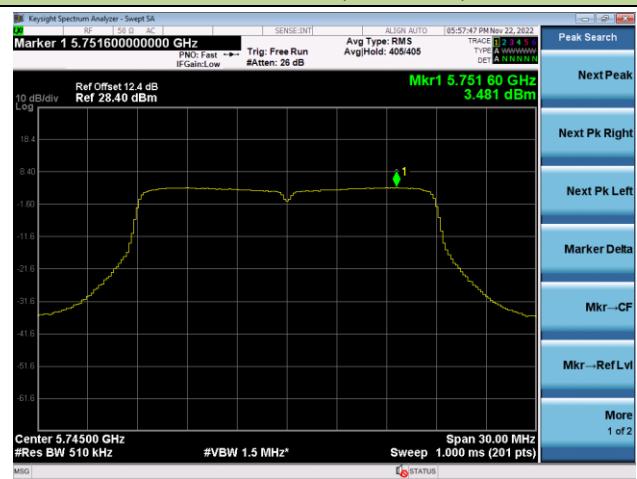
Channel 157 (5785MHz)
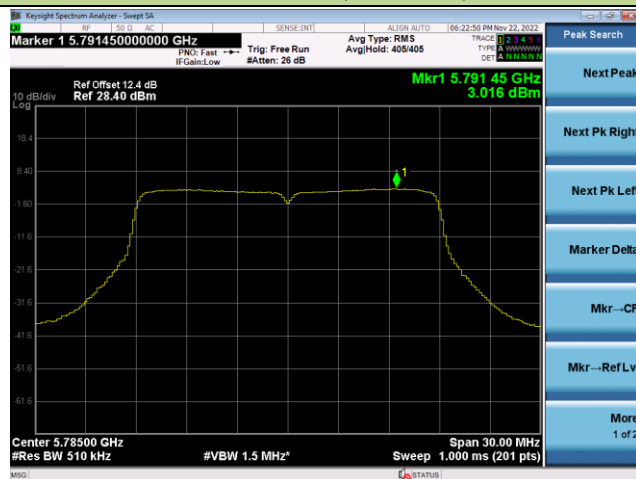
Channel 165 (5825MHz)
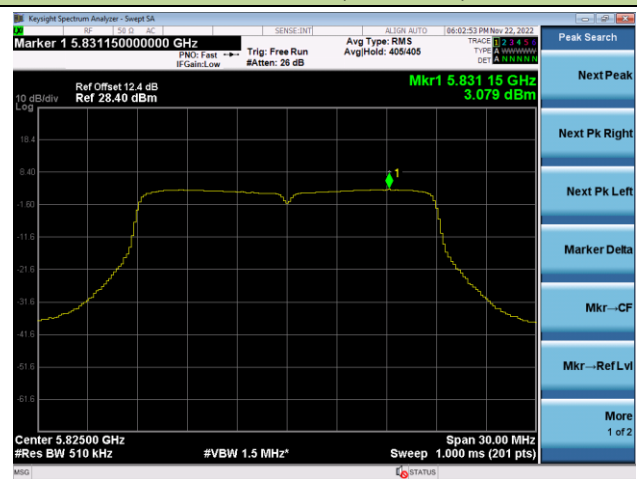
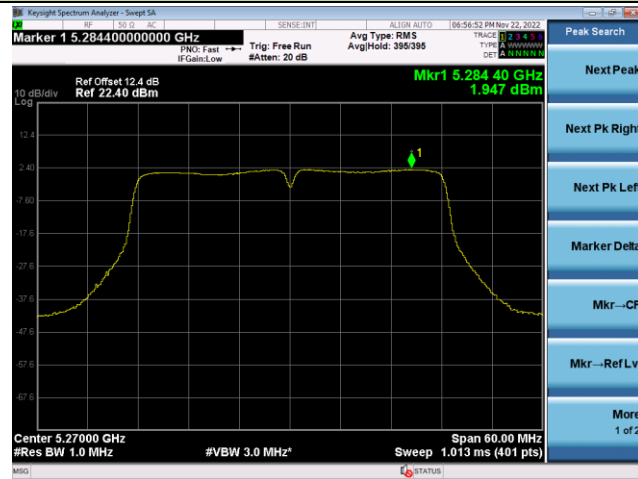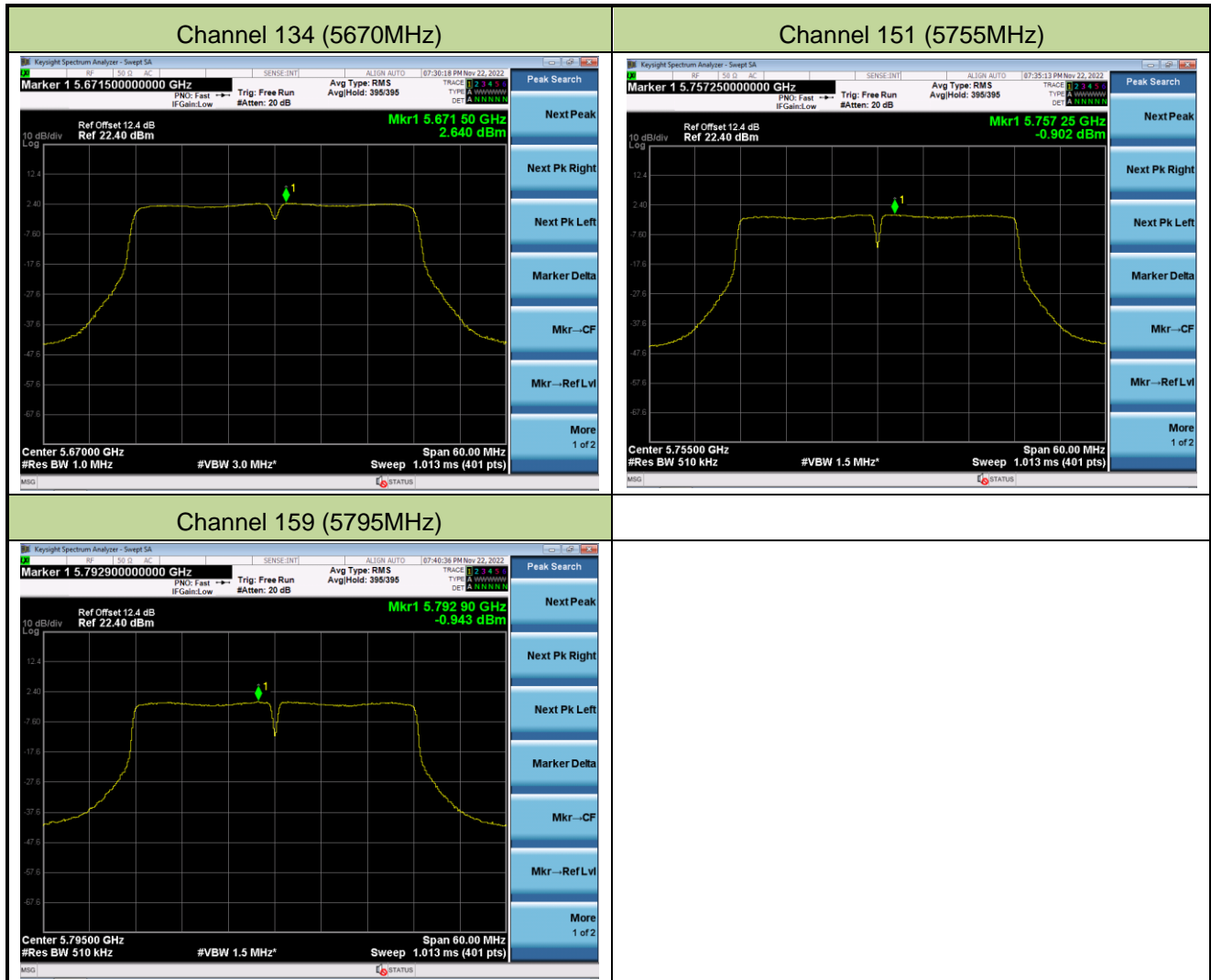| 802.11ac-VHT40 Power Spectral Density-Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
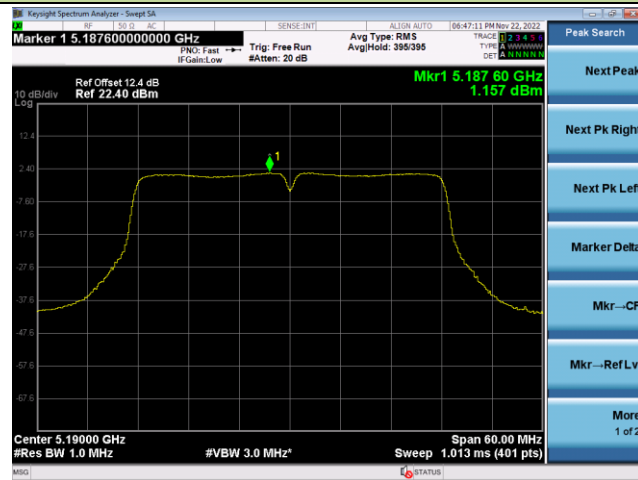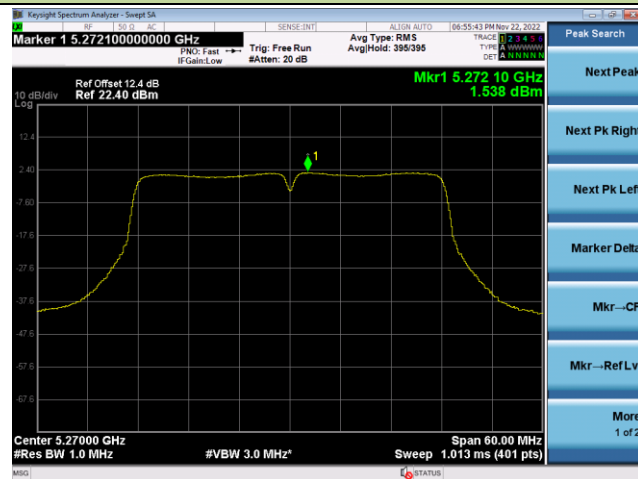
Channel 54 (5270MHz)	Channel 62 (5310MHz)

Channel 102 (5510MHz)	Channel 110 (5550MHz)

Channel 134 (5670MHz)	Channel 151 (5755MHz)

Channel 159 (5795MHz)	
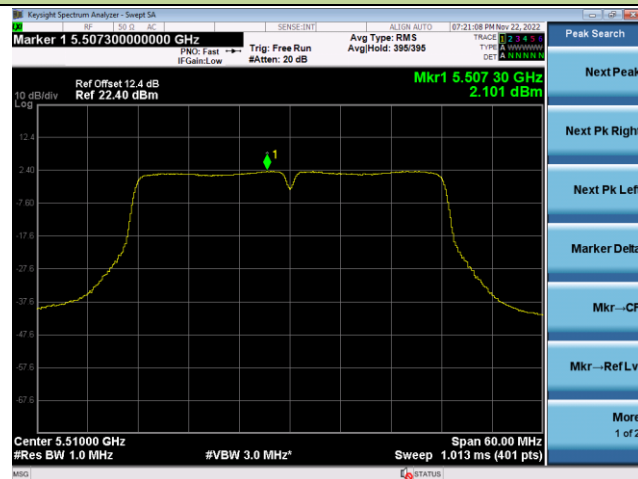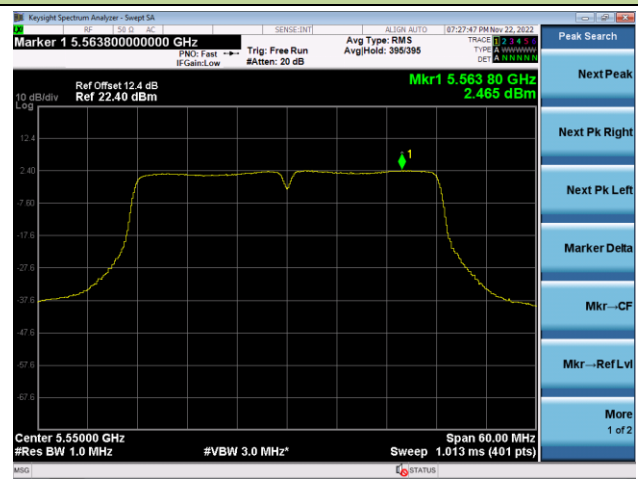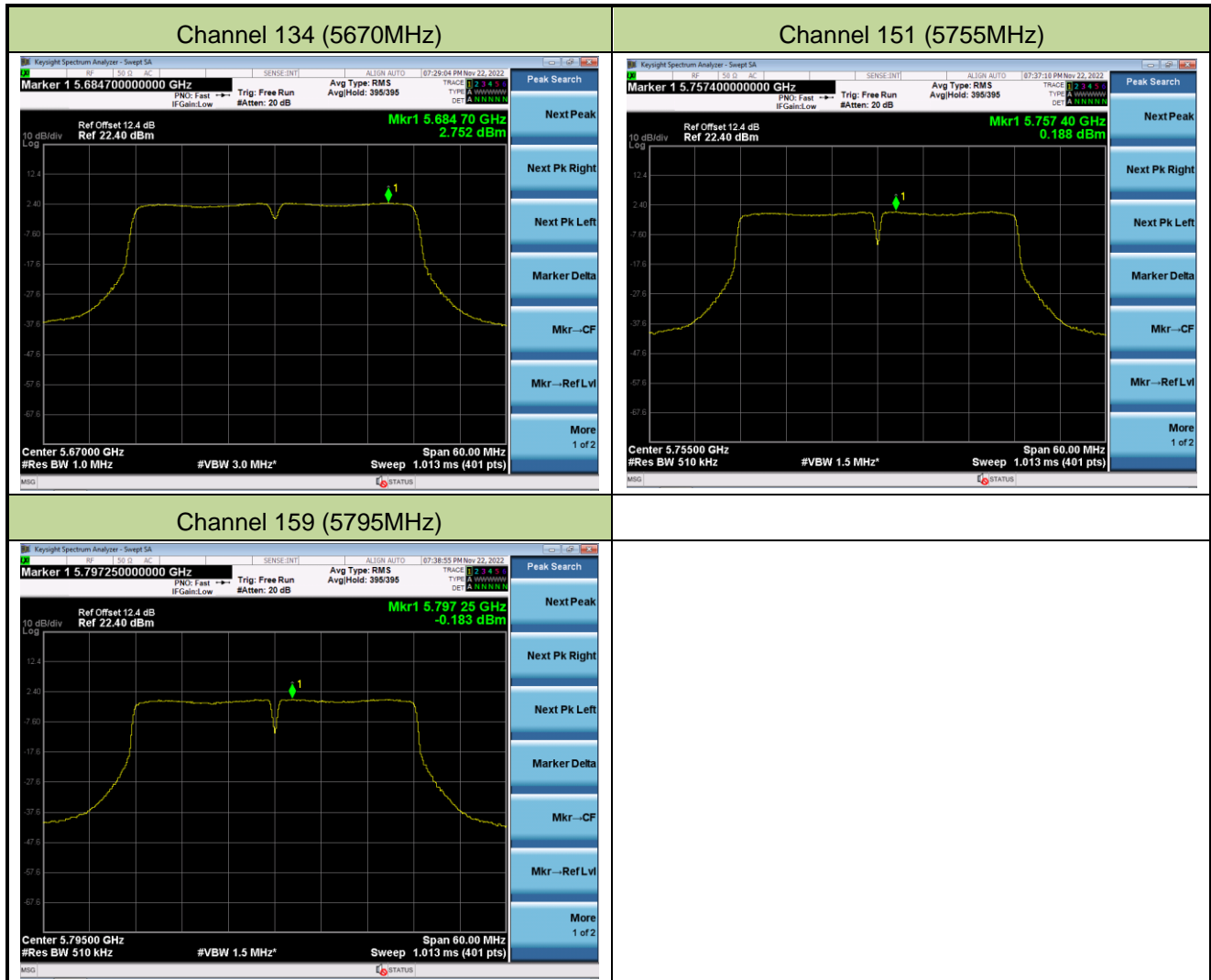
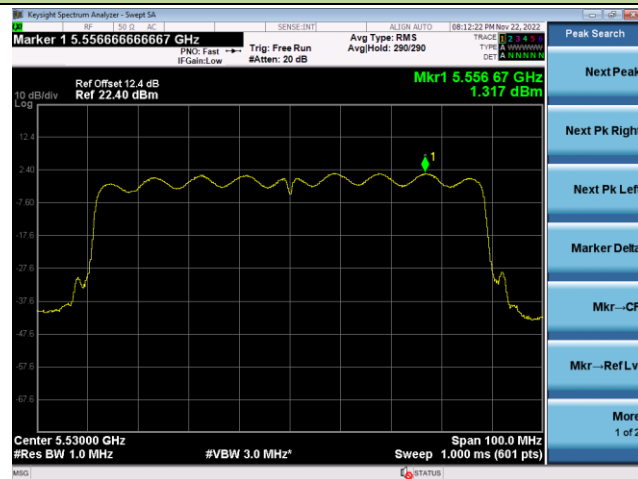| 802.11ac-VHT80 Power Spectral Density-Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)

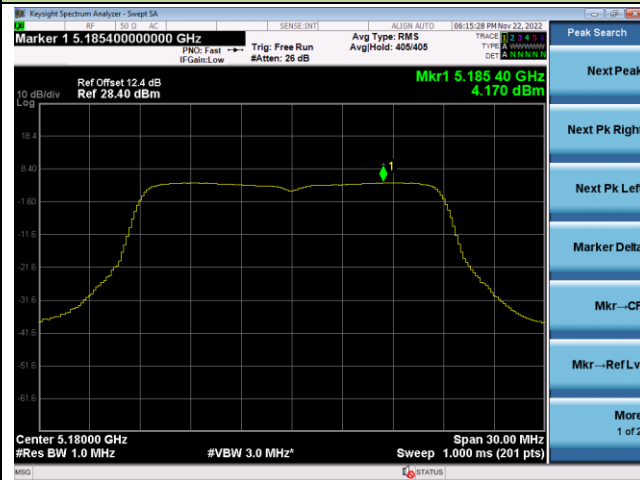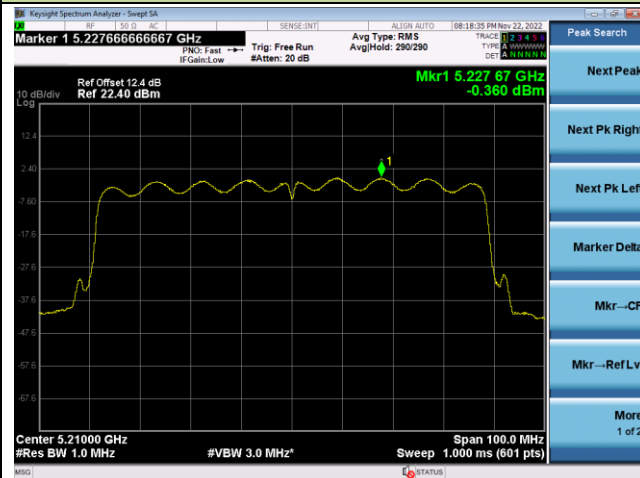| Channel 106 (5530MHz)	Channel 122 (5610MHz)
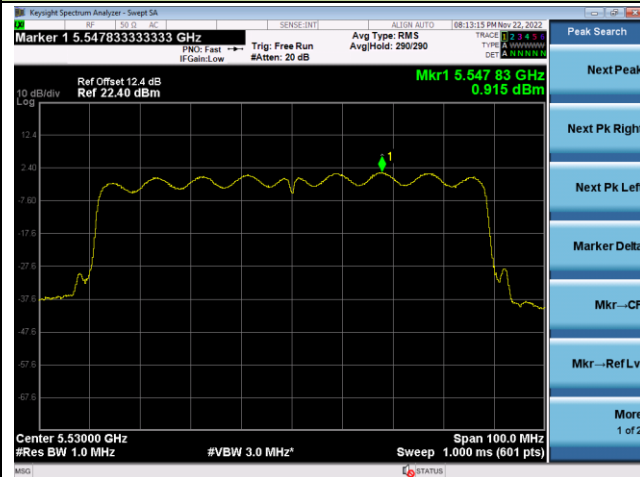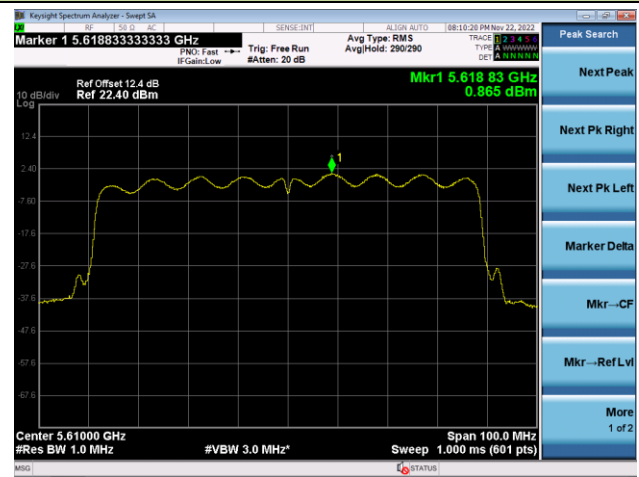
Channel 155 (5775MHz)	
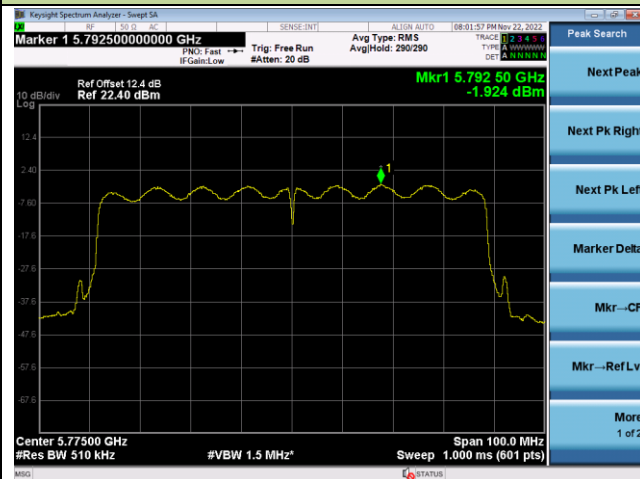
A.6 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2022-12-19	Test Mode	5180MHz (Carrier Mode)

Voltage	Power	Temp	Frequency Tolerance (ppm)			
(%)	(V_DC)	(°C)	0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	1.69	1.70	1.70	1.69
		- 20	-0.28	-0.27	-0.22	-0.22
		- 10	-2.38	-2.32	-2.27	-2.28
		0	-4.70	-4.62	-4.58	-4.62
		+ 10	-4.98	-4.99	-5.00	-5.02
		+ 20	-3.38	-3.69	-3.79	-3.85
		+ 30	-0.43	-0.50	-0.66	-0.73
		+ 40	5.62	5.33	5.22	5.20
		+ 50	14.45	14.44	14.58	14.44
115	138	+ 20	-3.52	-3.73	-3.81	-3.86
85	102	+ 20	-3.63	-3.77	-3.82	-3.91

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

A.7 Radiated Spurious Emission Measurement Test Result

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
	8097.5	33.5	12.0	45.5	74.0	-28.5	Peak	Horizontal
*	10358.5	37.9	15.8	53.7	68.2	-14.5	Peak	Horizontal
	11463.5	32.1	17.2	49.3	74.0	-24.7	Peak	Horizontal
*	12951.0	29.9	18.1	48.0	68.2	-20.2	Peak	Horizontal
*	8658.5	31.7	12.7	44.4	68.2	-23.8	Peak	Vertical
*	10358.5	40.9	15.8	56.7	68.2	-11.5	Peak	Vertical
	11438.0	33.2	17.7	50.9	74.0	-23.1	Peak	Vertical
	12254.0	31.0	18.0	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8786.0	33.3	13.3	46.6	68.2	-21.6	Peak	Horizontal
*	10443.5	35.7	16.0	51.7	68.2	-16.5	Peak	Horizontal
	11378.5	31.2	17.7	48.9	74.0	-25.1	Peak	Horizontal
	12177.5	30.9	17.3	48.2	74.0	-25.8	Peak	Horizontal
*	8641.5	32.9	12.8	45.7	68.2	-22.5	Peak	Vertical
*	10435.0	36.8	16.1	52.9	68.2	-15.3	Peak	Vertical
	10979.0	32.4	17.4	49.8	74.0	-24.2	Peak	Vertical
	15382.0	30.9	19.2	50.1	74.0	-23.9	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8641.5	32.9	12.8	45.7	68.2	-22.5	Peak	Horizontal
*	10486.0	40.2	15.9	56.1	68.2	-12.1	Peak	Horizontal
	11438.0	33.0	17.7	50.7	74.0	-23.3	Peak	Horizontal
	12356.0	31.0	17.0	48.0	74.0	-26.0	Peak	Horizontal
*	8718.0	32.7	13.1	45.8	68.2	-22.4	Peak	Vertical
*	10494.5	39.5	15.9	55.4	68.2	-12.8	Peak	Vertical
	12058.5	31.4	17.1	48.5	74.0	-25.5	Peak	Vertical
	15722.0	36.5	18.0	54.5	74.0	-19.5	Peak	Vertical
	15722.0	26.6	18.0	44.6	54.0	-9.4	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	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	8718.0	32.7	13.1	45.8	68.2	-22.4	Peak	Horizontal
*	10520.0	37.3	16.1	53.4	68.2	-14.8	Peak	Horizontal
	11557.0	31.6	17.4	49.0	74.0	-25.0	Peak	Horizontal
	12245.5	30.2	18.0	48.2	74.0	-25.8	Peak	Horizontal
*	8752.0	33.3	13.1	46.4	68.2	-21.8	Peak	Vertical
*	10520.0	36.6	16.1	52.7	68.2	-15.5	Peak	Vertical
	11829.0	31.5	17.1	48.6	74.0	-25.4	Peak	Vertical
	15781.5	34.1	17.8	51.9	74.0	-22.1	Peak	Vertical
	15781.5	25.4	17.8	43.2	54.0	-10.8	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	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	8803.0	32.4	13.4	45.8	68.2	-22.4	Peak	Horizontal
*	9950.5	33.4	14.5	47.9	68.2	-20.3	Peak	Horizontal
	10605.0	34.0	16.4	50.4	74.0	-23.6	Peak	Horizontal
	11446.5	31.9	17.6	49.5	74.0	-24.5	Peak	Horizontal
*	8803.0	33.1	13.4	46.5	68.2	-21.7	Peak	Vertical
*	10596.5	36.8	16.2	53.0	68.2	-15.2	Peak	Vertical
	11497.5	31.4	17.5	48.9	74.0	-25.1	Peak	Vertical
	12160.5	31.6	17.5	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	8726.5	32.5	13.2	45.7	68.2	-22.5	Peak	Horizontal
*	9950.5	33.5	14.5	48.0	68.2	-20.2	Peak	Horizontal
	10639.0	34.1	16.0	50.1	74.0	-23.9	Peak	Horizontal
	11506.0	31.6	17.7	49.3	74.0	-24.7	Peak	Horizontal
*	8854.0	32.6	13.6	46.2	68.2	-22.0	Peak	Vertical
*	9738.0	32.9	14.1	47.0	68.2	-21.2	Peak	Vertical
	10639.0	36.2	16.0	52.2	74.0	-21.8	Peak	Vertical
	10639.0	29.6	16.0	45.6	54.0	-8.4	Average	Vertical
	15968.5	33.0	17.9	50.9	74.0	-23.1	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	8794.5	33.0	13.4	46.4	68.2	-21.8	Peak	Horizontal
*	10511.5	33.0	16.0	49.0	68.2	-19.2	Peak	Horizontal
	11004.5	32.5	17.1	49.6	74.0	-24.4	Peak	Horizontal
	11786.5	32.0	17.3	49.3	74.0	-24.7	Peak	Horizontal
*	8794.5	32.1	13.4	45.5	68.2	-22.7	Peak	Vertical
*	9772.0	32.9	14.2	47.1	68.2	-21.1	Peak	Vertical
	11004.5	34.7	17.1	51.8	74.0	-22.2	Peak	Vertical
	11004.5	32.9	17.1	50.0	54.0	-4.0	Average	Vertical
	11718.5	31.5	17.5	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8786.0	33.4	13.3	46.7	68.2	-21.5	Peak	Horizontal
*	10154.5	33.9	14.4	48.3	68.2	-19.9	Peak	Horizontal
	10834.5	33.1	17.5	50.6	74.0	-23.4	Peak	Horizontal
	12254.0	30.6	18.0	48.6	74.0	-25.4	Peak	Horizontal
*	8854.0	32.4	13.6	46.0	68.2	-22.2	Peak	Vertical
*	9678.5	34.2	14.0	48.2	68.2	-20.0	Peak	Vertical
	11157.5	35.5	17.4	52.9	74.0	-21.1	Peak	Vertical
	11160.4	33.1	17.4	50.5	54.0	-3.5	Average	Vertical
	12033.0	30.9	17.3	48.2	74.0	-25.8	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8752.0	33.0	13.1	46.1	68.2	-22.1	Peak	Horizontal
*	9797.5	32.8	14.2	47.0	68.2	-21.2	Peak	Horizontal
	10894.0	32.8	17.1	49.9	74.0	-24.1	Peak	Horizontal
	11574.0	30.8	18.0	48.8	74.0	-25.2	Peak	Horizontal
*	8879.5	32.8	13.3	46.1	68.2	-22.1	Peak	Vertical
*	10367.0	32.4	15.9	48.3	68.2	-19.9	Peak	Vertical
	10911.0	31.7	17.6	49.3	74.0	-24.7	Peak	Vertical
	12024.5	31.9	17.1	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8794.5	32.4	13.4	45.8	68.2	-22.4	Peak	Horizontal
*	10350.0	32.6	15.6	48.2	68.2	-20.0	Peak	Horizontal
	11514.5	32.5	17.6	50.1	74.0	-23.9	Peak	Horizontal
	12560.0	31.5	17.2	48.7	74.0	-25.3	Peak	Horizontal
*	8794.5	32.6	13.4	46.0	68.2	-22.2	Peak	Vertical
*	9636.0	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
	11115.0	32.1	17.5	49.6	74.0	-24.4	Peak	Vertical
	12075.5	32.3	17.1	49.4	74.0	-24.6	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	8794.5	32.6	13.4	46.0	68.2	-22.2	Peak	Horizontal
*	10299.0	33.0	15.4	48.4	68.2	-19.8	Peak	Horizontal
	11115.0	32.4	17.5	49.9	74.0	-24.1	Peak	Horizontal
	12245.5	31.5	18.0	49.5	74.0	-24.5	Peak	Horizontal
*	8879.5	32.9	13.3	46.2	68.2	-22.0	Peak	Vertical
*	10214.0	33.9	14.7	48.6	68.2	-19.6	Peak	Vertical
	11191.5	31.7	17.7	49.4	74.0	-24.6	Peak	Vertical
	11948.0	31.2	17.0	48.2	74.0	-25.8	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8633.0	32.6	12.9	45.5	68.2	-22.7	Peak	Horizontal
*	9942.0	32.8	14.6	47.4	68.2	-20.8	Peak	Horizontal
	11191.5	31.7	17.7	49.4	74.0	-24.6	Peak	Horizontal
	12254.0	30.7	18.0	48.7	74.0	-25.3	Peak	Horizontal
*	8820.0	32.9	13.5	46.4	68.2	-21.8	Peak	Vertical
*	10222.5	33.6	14.8	48.4	68.2	-19.8	Peak	Vertical
	11115.0	31.8	17.5	49.3	74.0	-24.7	Peak	Vertical
	11642.0	31.6	17.7	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8633.0	32.7	12.9	45.6	68.2	-22.6	Peak	Horizontal
*	10367.0	34.6	15.9	50.5	68.2	-17.7	Peak	Horizontal
	11115.0	31.8	17.5	49.3	74.0	-24.7	Peak	Horizontal
	12271.0	30.8	17.4	48.2	74.0	-25.8	Peak	Horizontal
*	8845.5	32.5	13.5	46.0	68.2	-22.2	Peak	Vertical
*	10358.5	38.4	15.8	54.2	68.2	-14.0	Peak	Vertical
	11565.5	30.9	17.8	48.7	74.0	-25.3	Peak	Vertical
	11948.0	30.9	17.0	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8811.5	33.0	13.5	46.5	68.2	-21.7	Peak	Horizontal
*	10443.5	34.0	16.0	50.0	68.2	-18.2	Peak	Horizontal
	11446.5	31.9	17.6	49.5	74.0	-24.5	Peak	Horizontal
	12628.0	30.9	17.6	48.5	74.0	-25.5	Peak	Horizontal
*	8667.0	31.7	12.8	44.5	68.2	-23.7	Peak	Vertical
*	10435.0	35.0	16.1	51.1	68.2	-17.1	Peak	Vertical
	11098.0	32.4	16.8	49.2	74.0	-24.8	Peak	Vertical
	12169.0	31.1	17.5	48.6	74.0	-25.4	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	8752.0	32.7	13.1	45.8	68.2	-22.4	Peak	Horizontal
*	10477.5	33.6	15.9	49.5	68.2	-18.7	Peak	Horizontal
	10834.5	32.7	17.5	50.2	74.0	-23.8	Peak	Horizontal
	11557.0	31.7	17.4	49.1	74.0	-24.9	Peak	Horizontal
*	8692.5	32.6	13.0	45.6	68.2	-22.6	Peak	Vertical
*	10477.5	33.4	15.9	49.3	68.2	-18.9	Peak	Vertical
	10987.5	31.8	17.3	49.1	74.0	-24.9	Peak	Vertical
	11438.0	31.1	17.7	48.8	74.0	-25.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8641.5	32.9	12.8	45.7	68.2	-22.5	Peak	Horizontal
*	10520.0	33.1	16.1	49.2	68.2	-19.0	Peak	Horizontal
	10826.0	31.8	17.6	49.4	74.0	-24.6	Peak	Horizontal
	11633.5	31.5	17.6	49.1	74.0	-24.9	Peak	Horizontal
*	8633.0	32.7	12.9	45.6	68.2	-22.6	Peak	Vertical
*	10528.5	33.8	16.1	49.9	68.2	-18.3	Peak	Vertical
	11013.0	32.6	16.9	49.5	74.0	-24.5	Peak	Vertical
	11514.5	31.5	17.6	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8777.5	32.0	13.3	45.3	68.2	-22.9	Peak	Horizontal
*	9670.0	33.7	13.9	47.6	68.2	-20.6	Peak	Horizontal
	10749.5	32.3	16.6	48.9	74.0	-25.1	Peak	Horizontal
	11455.0	31.8	17.3	49.1	74.0	-24.9	Peak	Horizontal
	7528.0	31.9	11.4	43.3	74.0	-30.7	Peak	Vertical
*	8650.0	32.9	12.7	45.6	68.2	-22.6	Peak	Vertical
*	10044.0	33.9	14.2	48.1	68.2	-20.1	Peak	Vertical
	10911.0	32.3	17.6	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	7230.5	32.9	11.2	44.1	68.2	-24.1	Peak	Horizontal
	7570.5	32.1	11.6	43.7	74.0	-30.3	Peak	Horizontal
*	8752.0	32.4	13.1	45.5	68.2	-22.7	Peak	Horizontal
	10647.5	34.7	16.0	50.7	74.0	-23.3	Peak	Horizontal
	7426.0	31.4	11.9	43.3	74.0	-30.7	Peak	Vertical
*	9814.5	32.3	14.2	46.5	68.2	-21.7	Peak	Vertical
	10639.0	35.2	16.0	51.2	74.0	-22.8	Peak	Vertical
	10639.0	31.3	16.0	47.3	54.0	-6.7	Average	Vertical
*	12951.0	29.6	18.1	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	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	7060.5	32.7	10.8	43.5	68.2	-24.7	Peak	Horizontal
	8454.5	32.9	12.1	45.0	74.0	-29.0	Peak	Horizontal
*	9814.5	33.5	14.2	47.7	68.2	-20.5	Peak	Horizontal
	11072.5	32.0	17.2	49.2	74.0	-24.8	Peak	Horizontal
	7460.0	33.0	11.3	44.3	74.0	-29.7	Peak	Vertical
*	8760.5	33.0	13.2	46.2	68.2	-22.0	Peak	Vertical
	11004.5	34.2	17.1	51.3	74.0	-22.7	Peak	Vertical
	11004.5	22.5	17.1	39.6	54.0	-14.4	Average	Vertical
*	13784.0	30.6	19.5	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8760.5	33.1	13.2	46.3	68.2	-21.9	Peak	Horizontal
*	10052.5	33.0	14.3	47.3	68.2	-20.9	Peak	Horizontal
	11157.5	34.6	17.4	52.0	74.0	-22.0	Peak	Horizontal
	11160.2	21.1	17.4	38.5	54.0	-15.5	Average	Horizontal
	11761.0	31.9	16.8	48.7	74.0	-25.3	Peak	Horizontal
*	8633.0	32.0	12.9	44.9	68.2	-23.3	Peak	Vertical
*	10324.5	33.3	15.6	48.9	68.2	-19.3	Peak	Vertical
	11149.0	35.0	17.3	52.3	74.0	-21.7	Peak	Vertical
	11160.7	23.5	17.3	40.8	54.0	-13.2	Average	Vertical
	12041.5	30.9	17.3	48.2	74.0	-25.8	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8726.5	32.8	13.2	46.0	68.2	-22.2	Peak	Horizontal
*	10392.5	32.9	16.0	48.9	68.2	-19.3	Peak	Horizontal
	11208.5	31.4	17.8	49.2	74.0	-24.8	Peak	Horizontal
	12254.0	30.6	18.0	48.6	74.0	-25.4	Peak	Horizontal
*	8624.5	32.2	12.9	45.1	68.2	-23.1	Peak	Vertical
*	9942.0	31.8	14.6	46.4	68.2	-21.8	Peak	Vertical
	11055.5	32.1	17.1	49.2	74.0	-24.8	Peak	Vertical
	11795.0	31.5	17.5	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	8616.0	33.5	12.9	46.4	68.2	-21.8	Peak	Horizontal
*	10154.5	33.2	14.4	47.6	68.2	-20.6	Peak	Horizontal
	10809.0	31.7	17.3	49.0	74.0	-25.0	Peak	Horizontal
	12254.0	31.1	18.0	49.1	74.0	-24.9	Peak	Horizontal
*	8786.0	32.8	13.3	46.1	68.2	-22.1	Peak	Vertical
*	9942.0	32.5	14.6	47.1	68.2	-21.1	Peak	Vertical
	11064.0	32.5	17.3	49.8	74.0	-24.2	Peak	Vertical
	11922.5	31.6	16.7	48.3	74.0	-25.7	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8718.0	31.9	13.1	45.0	68.2	-23.2	Peak	Horizontal
*	9976.0	32.9	14.6	47.5	68.2	-20.7	Peak	Horizontal
	10681.5	32.4	16.3	48.7	74.0	-25.3	Peak	Horizontal
	11404.0	31.4	17.5	48.9	74.0	-25.1	Peak	Horizontal
*	8735.0	32.9	13.2	46.1	68.2	-22.1	Peak	Vertical
*	10290.5	32.8	15.2	48.0	68.2	-20.2	Peak	Vertical
	11038.5	31.8	17.0	48.8	74.0	-25.2	Peak	Vertical
	11659.0	31.3	17.8	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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
*	8777.5	31.9	13.3	45.2	68.2	-23.0	Peak	Horizontal
*	9916.5	33.6	14.1	47.7	68.2	-20.5	Peak	Horizontal
	10809.0	32.2	17.3	49.5	74.0	-24.5	Peak	Horizontal
	12305.0	30.9	17.4	48.3	74.0	-25.7	Peak	Horizontal
*	8862.5	32.5	13.4	45.9	68.2	-22.3	Peak	Vertical
*	10469.0	32.3	16.0	48.3	68.2	-19.9	Peak	Vertical
	11021.5	32.1	17.0	49.1	74.0	-24.9	Peak	Vertical
	11735.5	32.1	17.5	49.6	74.0	-24.4	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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
*	8803.0	32.6	13.4	46.0	68.2	-22.2	Peak	Horizontal
*	10375.5	33.0	15.8	48.8	68.2	-19.4	Peak	Horizontal
	10911.0	31.2	17.6	48.8	74.0	-25.2	Peak	Horizontal
	11463.5	32.4	17.2	49.6	74.0	-24.4	Peak	Horizontal
*	8718.0	32.1	13.1	45.2	68.2	-23.0	Peak	Vertical
*	10231.0	33.6	15.0	48.6	68.2	-19.6	Peak	Vertical
	11021.5	31.8	17.0	48.8	74.0	-25.2	Peak	Vertical
	11718.5	32.1	17.5	49.6	74.0	-24.4	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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)	Detector	Polarization
*	8701.0	32.8	12.9	45.7	68.2	-22.5	Peak	Horizontal
*	9670.0	33.4	13.9	47.3	68.2	-20.9	Peak	Horizontal
	10911.0	31.3	17.6	48.9	74.0	-25.1	Peak	Horizontal
	12347.5	31.6	17.1	48.7	74.0	-25.3	Peak	Horizontal
*	8990.0	32.8	13.6	46.4	68.2	-21.8	Peak	Vertical
*	10239.5	33.5	15.1	48.6	68.2	-19.6	Peak	Vertical
	11123.5	31.9	17.4	49.3	74.0	-24.7	Peak	Vertical
	11633.5	31.2	17.6	48.8	74.0	-25.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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)	Detector	Polarization
*	8786.0	32.3	13.3	45.6	68.2	-22.6	Peak	Horizontal
*	10333.0	32.4	15.7	48.1	68.2	-20.1	Peak	Horizontal
	10979.0	31.6	17.4	49.0	74.0	-25.0	Peak	Horizontal
	11438.0	31.2	17.7	48.9	74.0	-25.1	Peak	Horizontal
*	9228.0	33.0	14.3	47.3	68.2	-20.9	Peak	Vertical
*	10537.0	33.8	16.0	49.8	68.2	-18.4	Peak	Vertical
	10987.5	31.8	17.3	49.1	74.0	-24.9	Peak	Vertical
	11701.5	31.7	17.5	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	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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)	Detector	Polarization
*	8786.0	32.9	13.3	46.2	68.2	-22.0	Peak	Horizontal
*	9933.5	34.0	14.5	48.5	68.2	-19.7	Peak	Horizontal
	11174.5	32.6	17.3	49.9	74.0	-24.1	Peak	Horizontal
	12245.5	30.7	18.0	48.7	74.0	-25.3	Peak	Horizontal
*	8726.5	32.1	13.2	45.3	68.2	-22.9	Peak	Vertical
*	9780.5	33.3	14.2	47.5	68.2	-20.7	Peak	Vertical
	11115.0	31.8	17.5	49.3	74.0	-24.7	Peak	Vertical
	12262.5	31.0	17.7	48.7	74.0	-25.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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)	Detector	Polarization
*	8786.0	32.3	13.3	45.6	68.2	-22.6	Peak	Horizontal
*	9814.5	33.3	14.2	47.5	68.2	-20.7	Peak	Horizontal
	11021.5	32.9	17.0	49.9	74.0	-24.1	Peak	Horizontal
	11795.0	31.8	17.5	49.3	74.0	-24.7	Peak	Horizontal
*	8786.0	33.2	13.3	46.5	68.2	-21.7	Peak	Vertical
*	10426.5	33.0	16.0	49.0	68.2	-19.2	Peak	Vertical
	10741.0	33.1	16.7	49.8	74.0	-24.2	Peak	Vertical
	11693.0	31.2	17.5	48.7	74.0	-25.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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)	Detector	Polarization
*	8752.0	32.2	13.1	45.3	68.2	-22.9	Peak	Horizontal
*	9882.5	33.5	14.2	47.7	68.2	-20.5	Peak	Horizontal
	11115.0	31.9	17.5	49.4	74.0	-24.6	Peak	Horizontal
	12415.5	30.7	17.0	47.7	74.0	-26.3	Peak	Horizontal
*	8726.5	33.5	13.2	46.7	68.2	-21.5	Peak	Vertical
*	9721.0	31.7	14.1	45.8	68.2	-22.4	Peak	Vertical
	11208.5	31.7	17.8	49.5	74.0	-24.5	Peak	Vertical
	12058.5	30.7	17.1	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Test Site	WZ-AC2		Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09		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)	Detector	Polarization
*	8786.0	32.5	13.3	45.8	68.2	-22.4	Peak	Horizontal
*	9823.0	33.4	14.2	47.6	68.2	-20.6	Peak	Horizontal
	10834.5	31.8	17.5	49.3	74.0	-24.7	Peak	Horizontal
	11353.0	31.5	17.7	49.2	74.0	-24.8	Peak	Horizontal
*	8794.5	32.7	13.4	46.1	68.2	-22.1	Peak	Vertical
*	9984.5	32.8	14.6	47.4	68.2	-20.8	Peak	Vertical
	11344.5	32.6	17.7	50.3	74.0	-23.7	Peak	Vertical
	12279.5	31.1	17.2	48.3	74.0	-25.7	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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)	Detector	Polarization
*	8718.0	32.6	13.1	45.7	68.2	-22.5	Peak	Horizontal
*	10409.5	32.4	16.0	48.4	68.2	-19.8	Peak	Horizontal
	10979.0	31.9	17.4	49.3	74.0	-24.7	Peak	Horizontal
	11608.0	31.4	17.6	49.0	74.0	-25.0	Peak	Horizontal
*	8718.0	32.1	13.1	45.2	68.2	-23.0	Peak	Vertical
*	10554.0	32.5	16.0	48.5	68.2	-19.7	Peak	Vertical
	10911.0	31.6	17.6	49.2	74.0	-24.8	Peak	Vertical
	11514.5	32.1	17.6	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	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)	Detector	Polarization
*	8012.5	32.9	12.0	44.9	68.2	-23.3	Peak	Horizontal
*	8896.5	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
	11123.5	31.6	17.4	49.0	74.0	-25.0	Peak	Horizontal
	12220.0	31.0	17.6	48.6	74.0	-25.4	Peak	Horizontal
*	8726.5	33.4	13.2	46.6	68.2	-21.6	Peak	Vertical
*	10214.0	33.7	14.7	48.4	68.2	-19.8	Peak	Vertical
	10826.0	31.7	17.6	49.3	74.0	-24.7	Peak	Vertical
	12203.0	31.9	17.6	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)