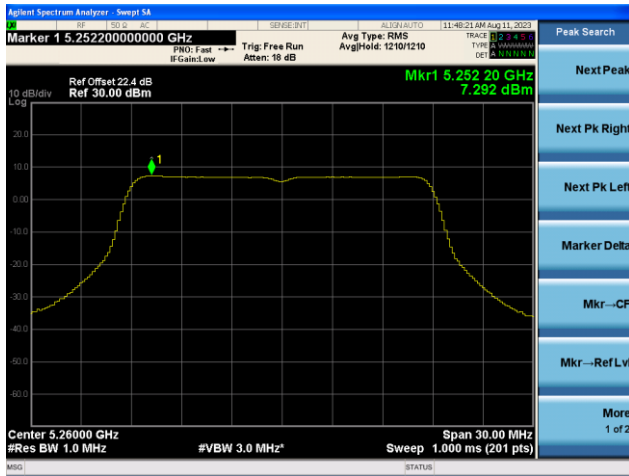
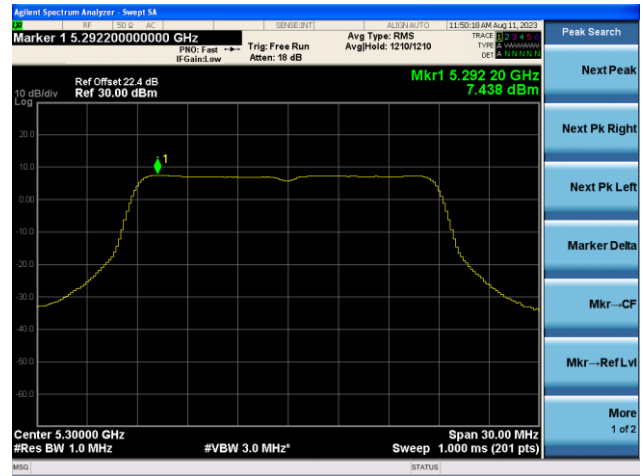


802.11ac-VHT20 Power Spectral Density- Ant 0

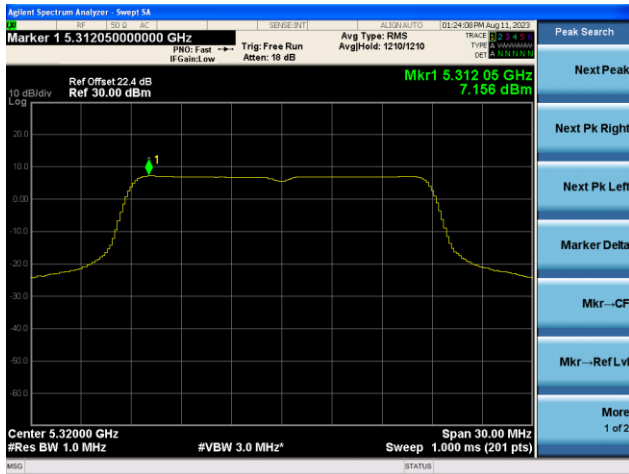
Channel 52 (5260MHz)



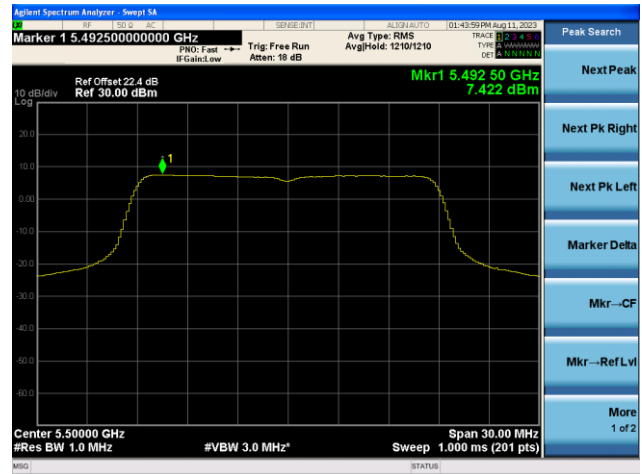
Channel 60 (5300MHz)



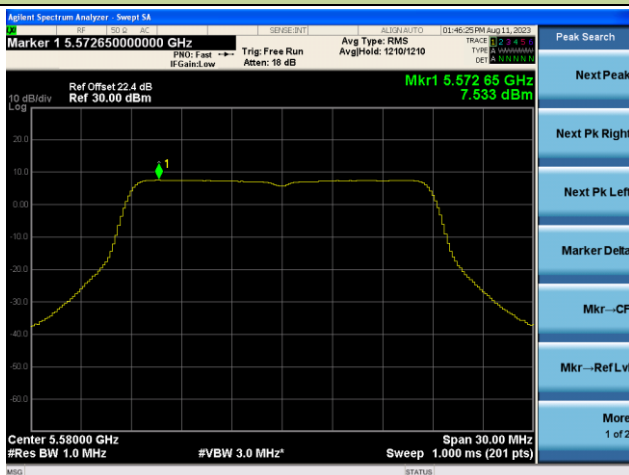
Channel 64 (5320MHz)



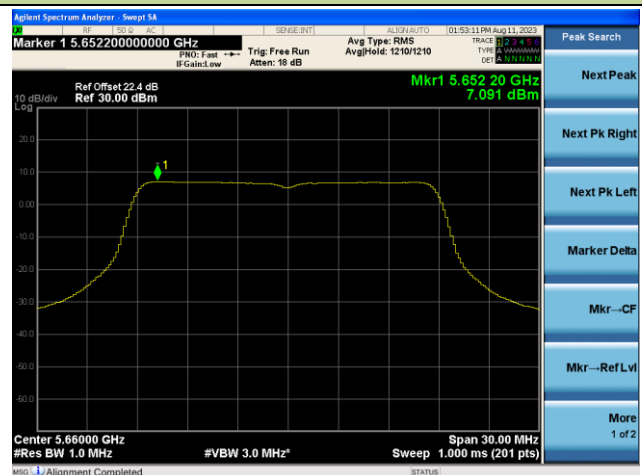
Channel 100 (5500MHz)



Channel 116 (5580MHz)

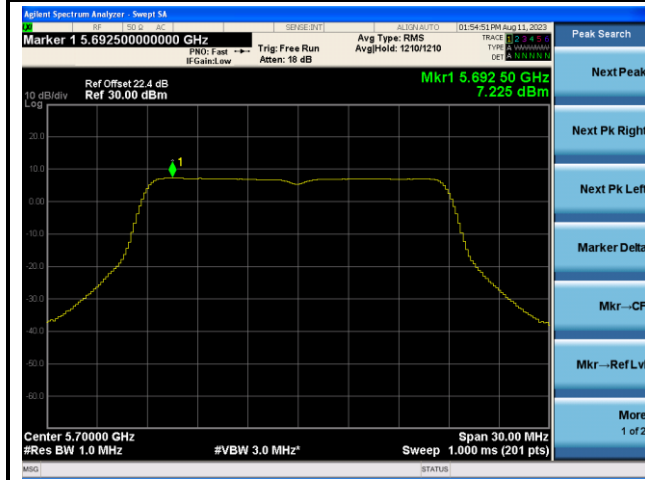


Channel 132 (5660MHz)



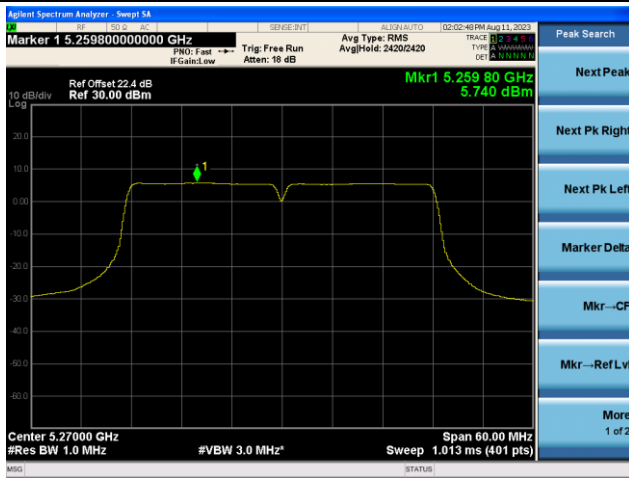
802.11ac-VHT20 Power Spectral Density- Ant 0

Channel 140 (5700MHz)

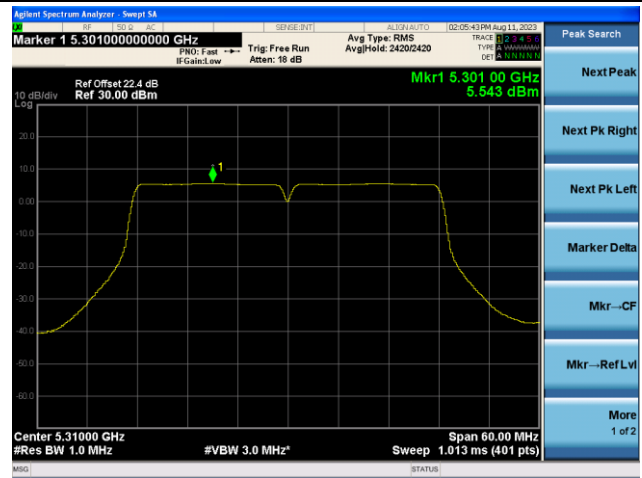


802.11ac-VHT40 Power Spectral Density- Ant 0

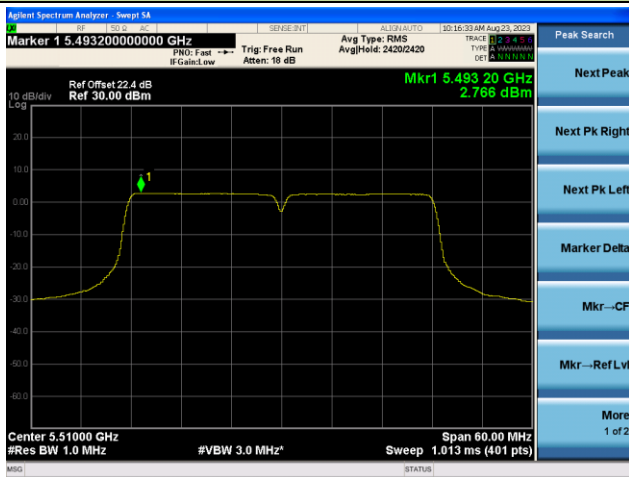
Channel 54 (5270MHz)



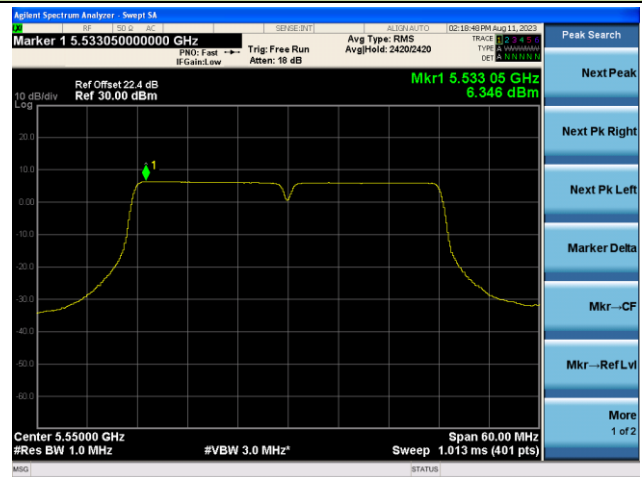
Channel 62 (5310MHz)



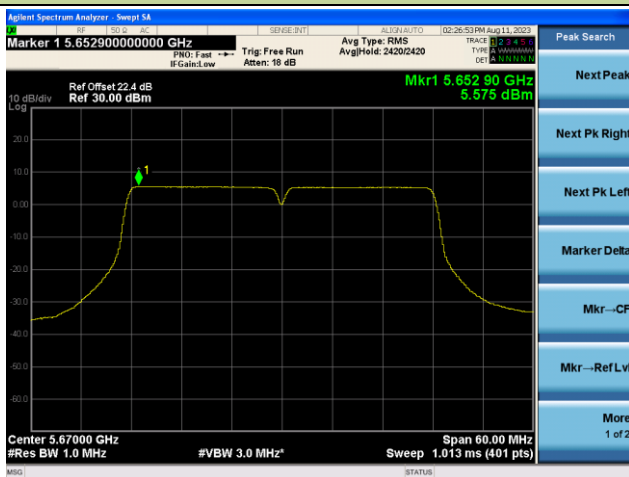
Channel 102 (5510MHz)



Channel 110 (5550MHz)

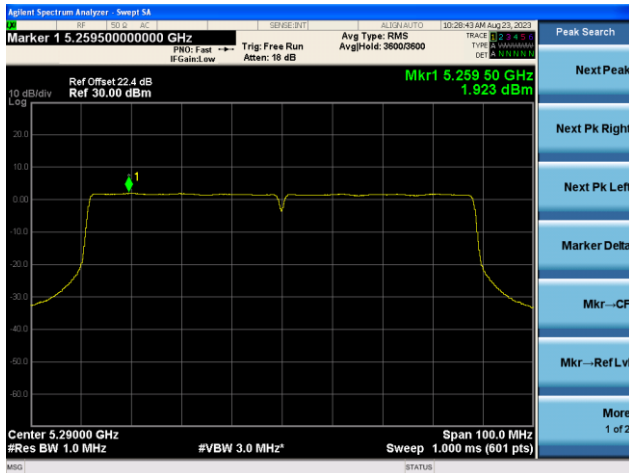


Channel 134 (5670MHz)

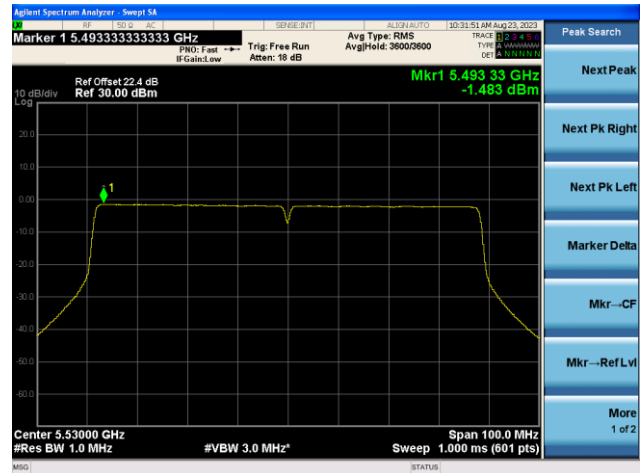


802.11ac-VHT80 Power Spectral Density- Ant 0

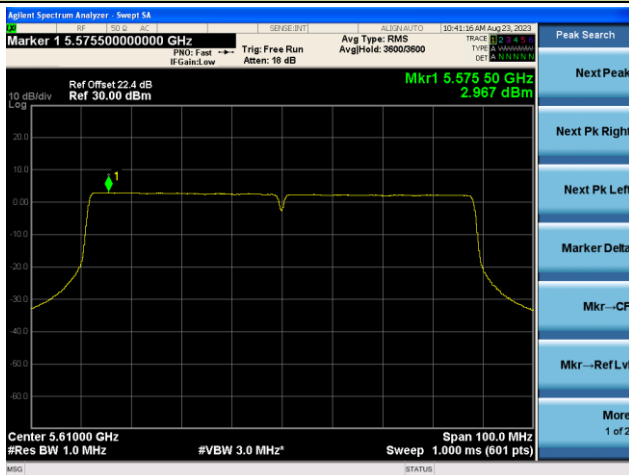
Channel 58 (5290MHz)



Channel 106 (5530MHz)

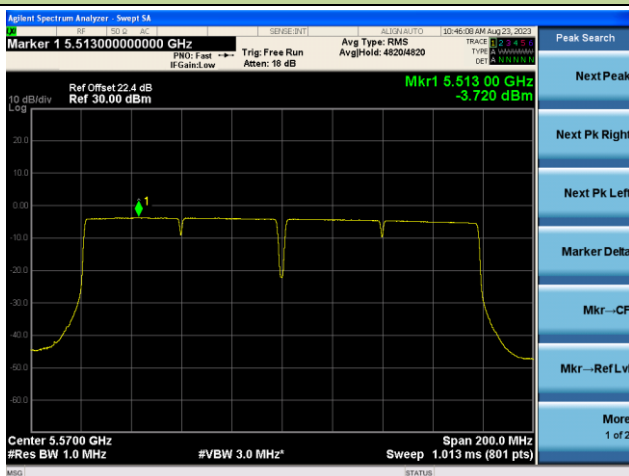


Channel 122 (5610MHz)



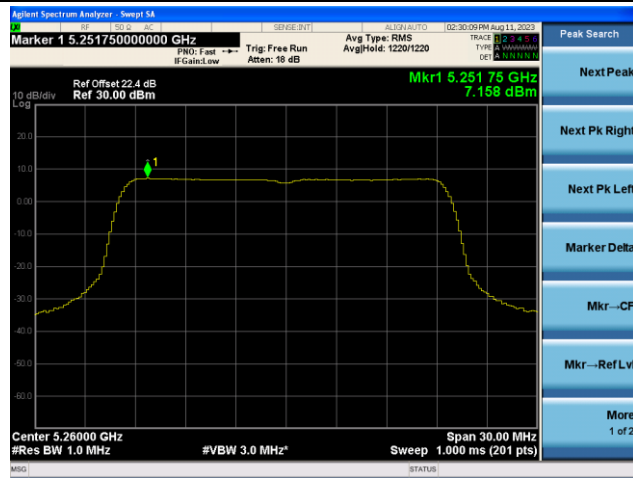
802.11ac-VHT160 Power Spectral Density- Ant 0

Channel 114 (5570MHz)

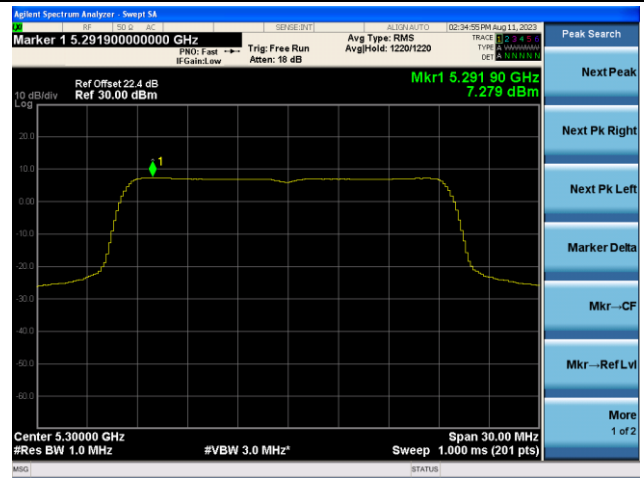


802.11ax-HE20 Power Spectral Density- Ant 0

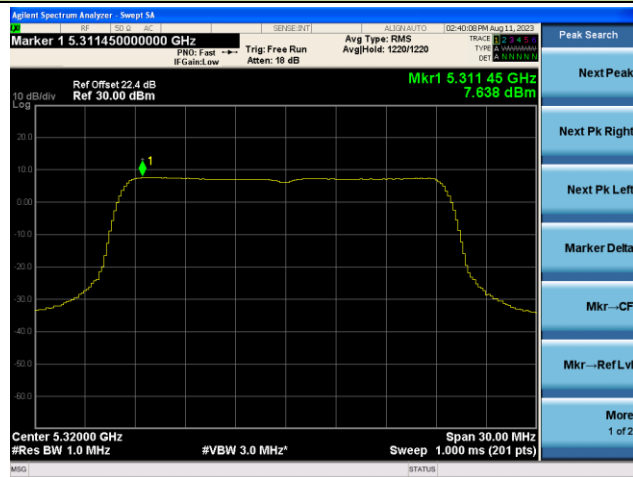
Channel 52 (5260MHz)



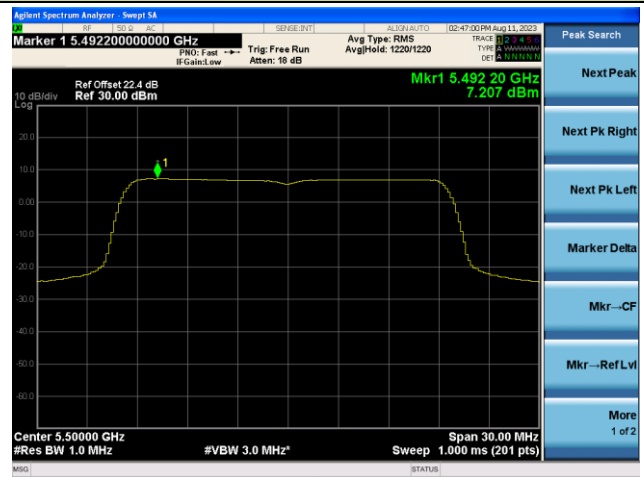
Channel 60 (5300MHz)



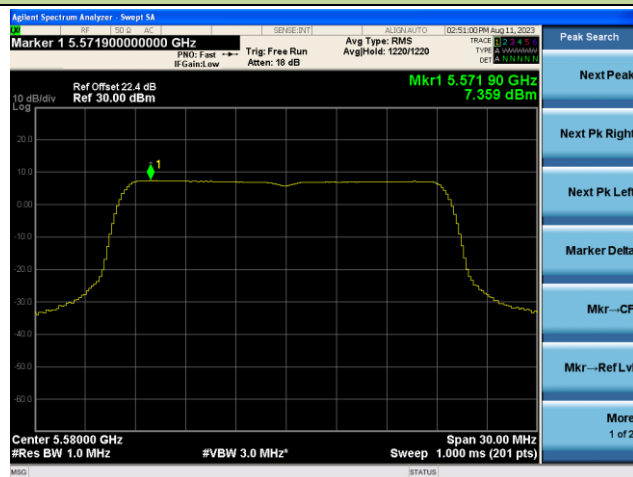
Channel 64 (5320MHz)



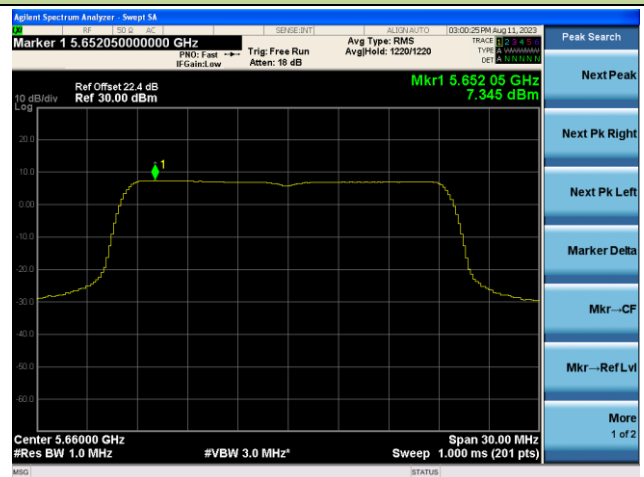
Channel 100 (5500MHz)



Channel 116 (5580MHz)

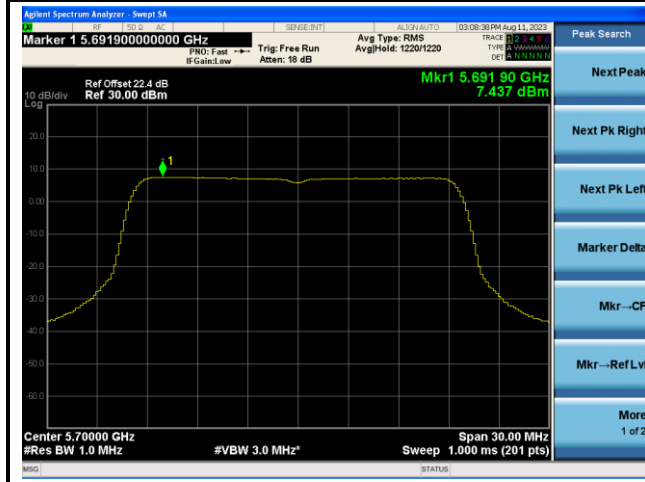


Channel 132 (5660MHz)



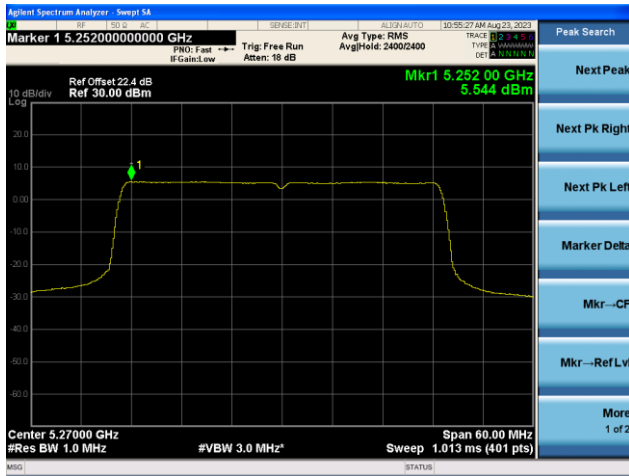
802.11ax-HE20 Power Spectral Density- Ant 0

Channel 140 (5700MHz)

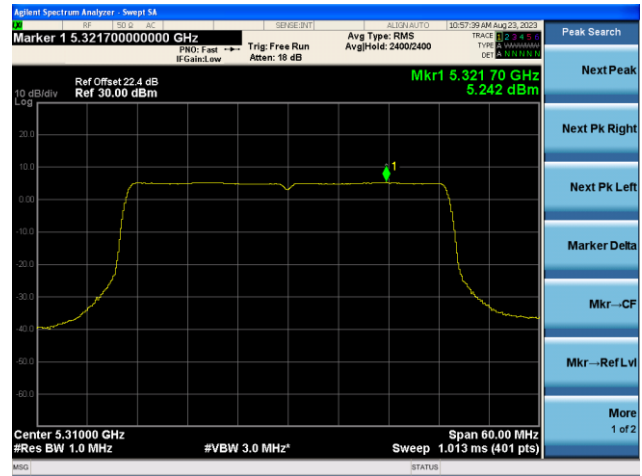


802.11ax-HE40 Power Spectral Density- Ant 0

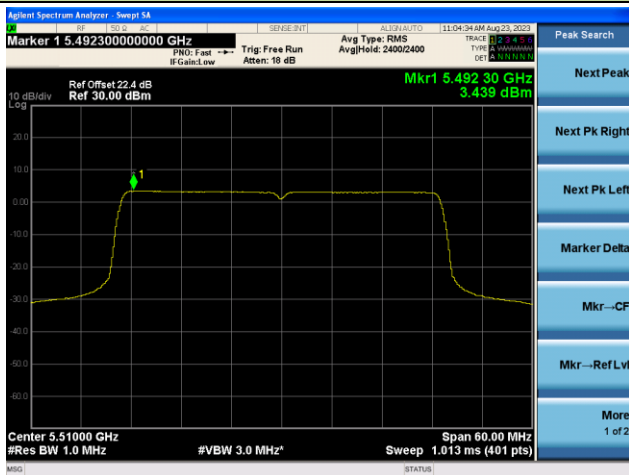
Channel 54 (5270MHz)



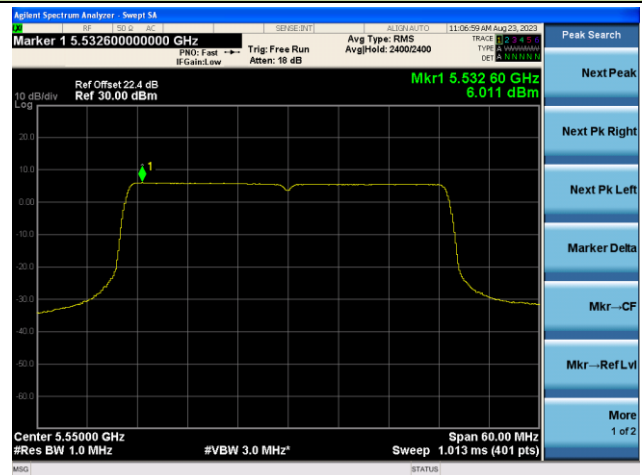
Channel 62 (5310MHz)



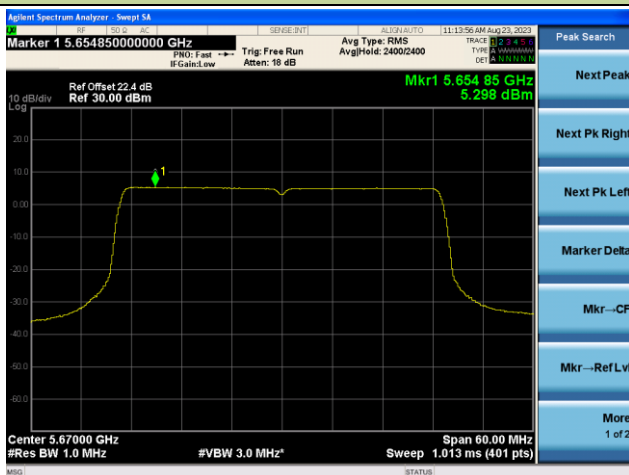
Channel 102 (5510MHz)



Channel 110 (5550MHz)

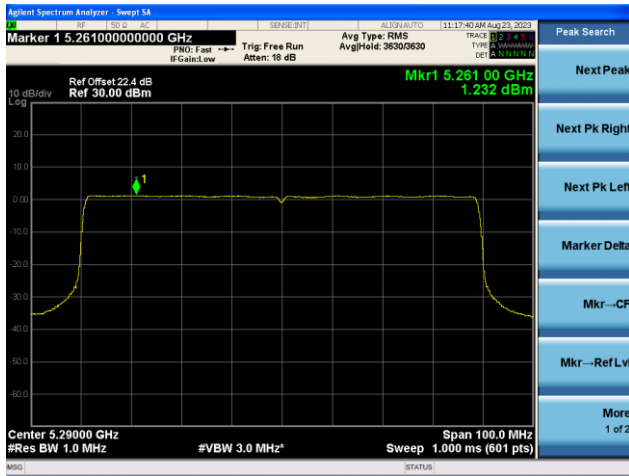


Channel 134 (5670MHz)

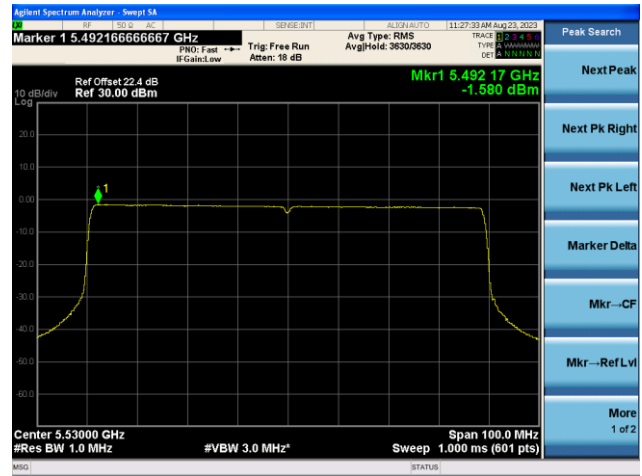


802.11ax-HE80 Power Spectral Density- Ant 0

Channel 58 (5290MHz)



Channel 106 (5530MHz)



Channel 122 (5610MHz)



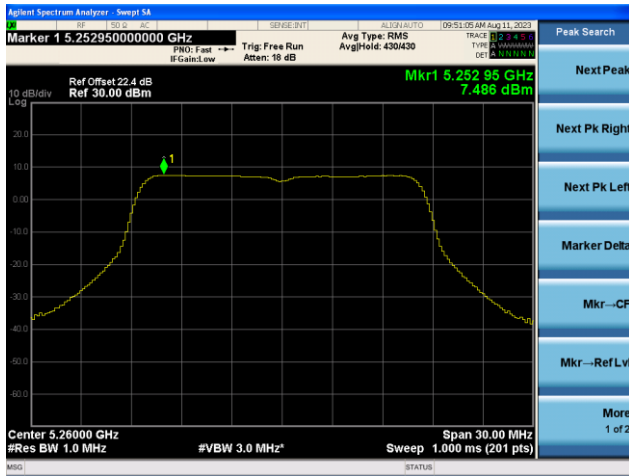
802.11ax-HE160 Power Spectral Density- Ant 0

Channel 114 (5570MHz)

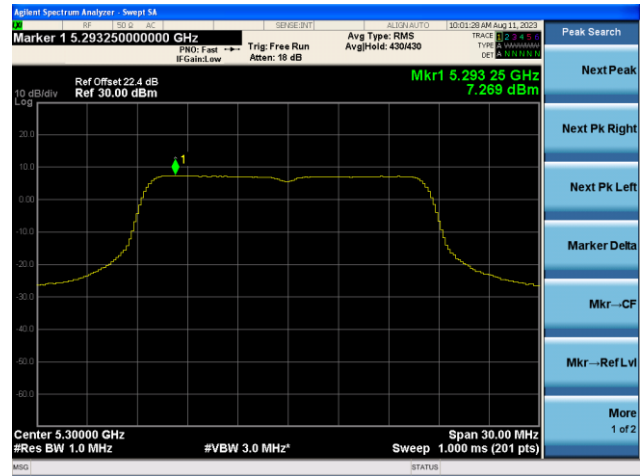


802.11a Power Spectral Density- Ant 1

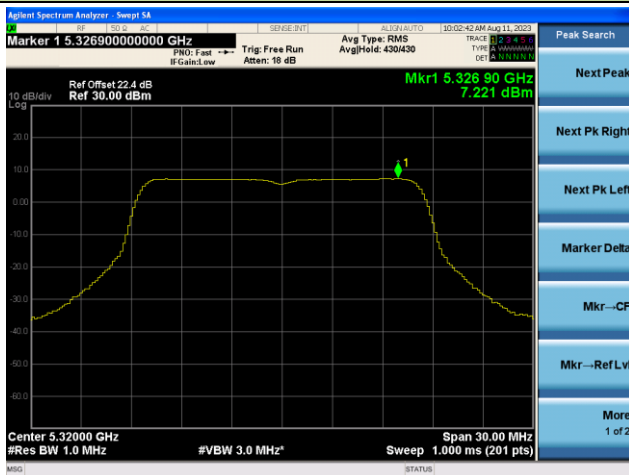
Channel 52 (5260MHz)



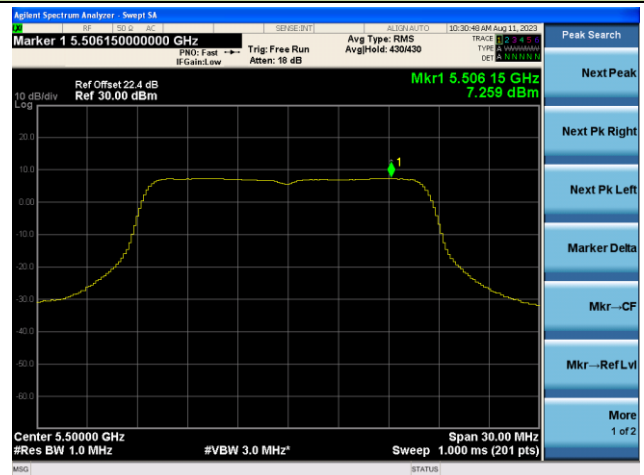
Channel 60 (5300MHz)



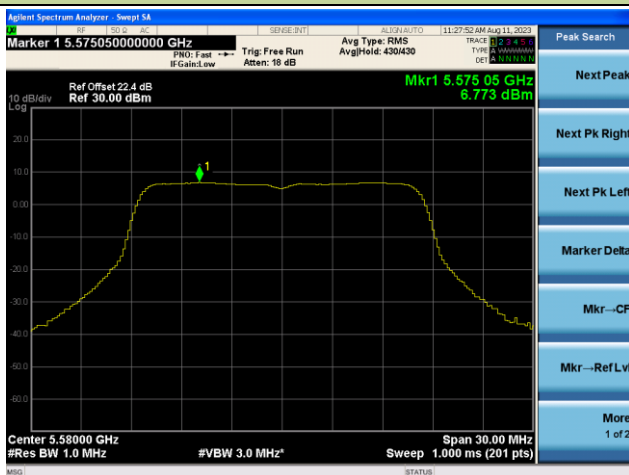
Channel 64 (5320MHz)



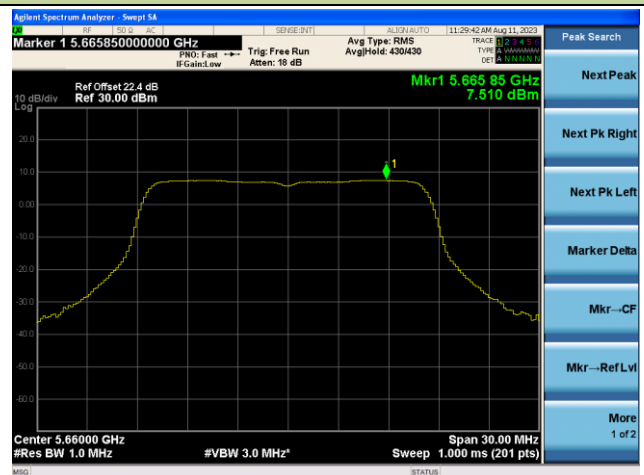
Channel 100 (5500MHz)

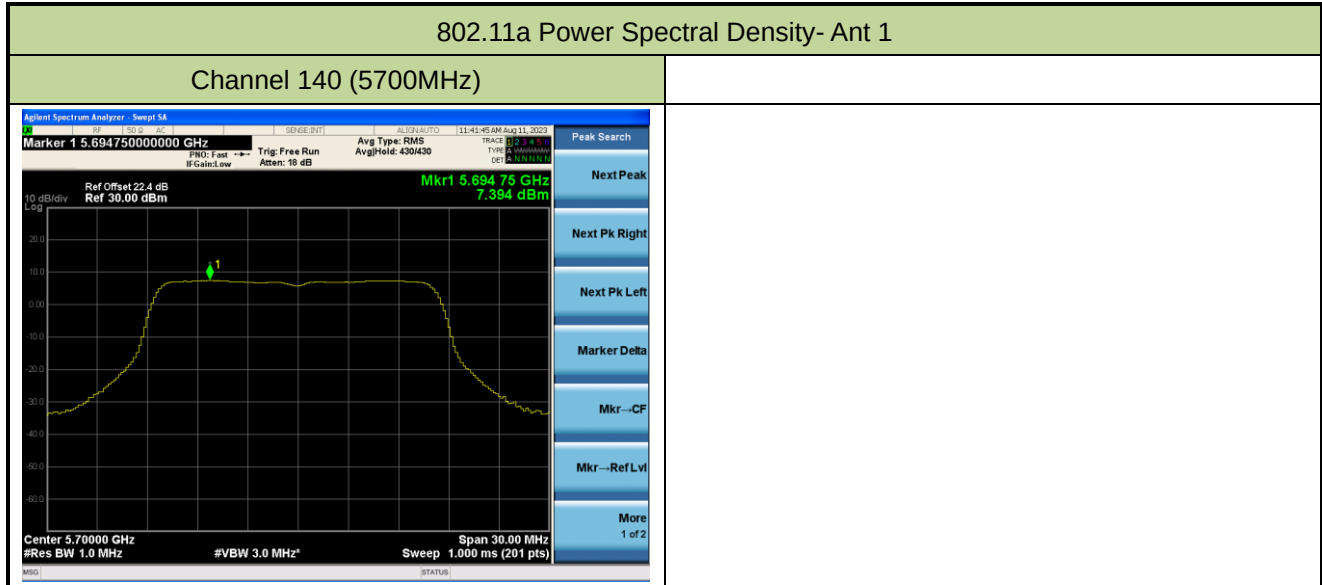


Channel 116 (5580MHz)



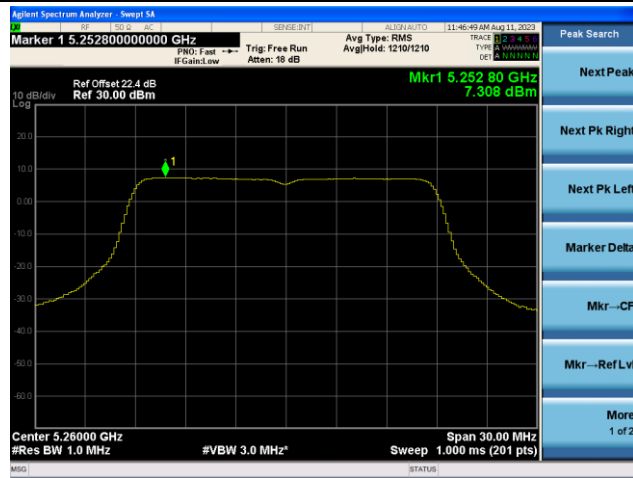
Channel 132 (5660MHz)



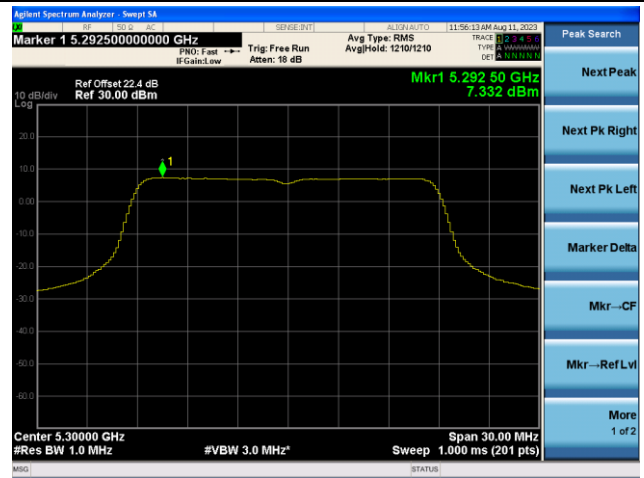


802.11ac-VHT20 Power Spectral Density- Ant 1

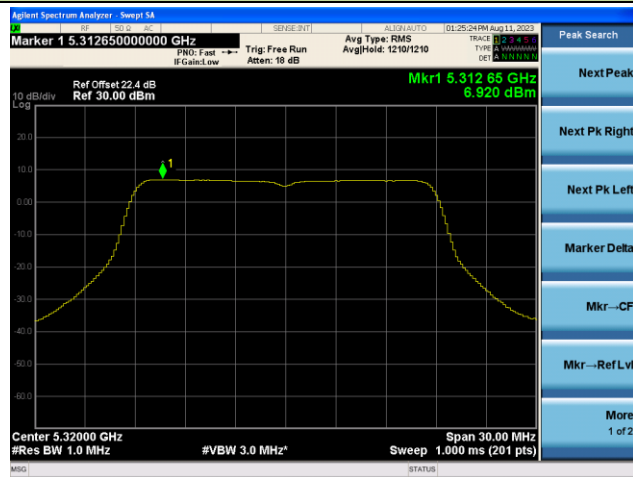
Channel 52 (5260MHz)



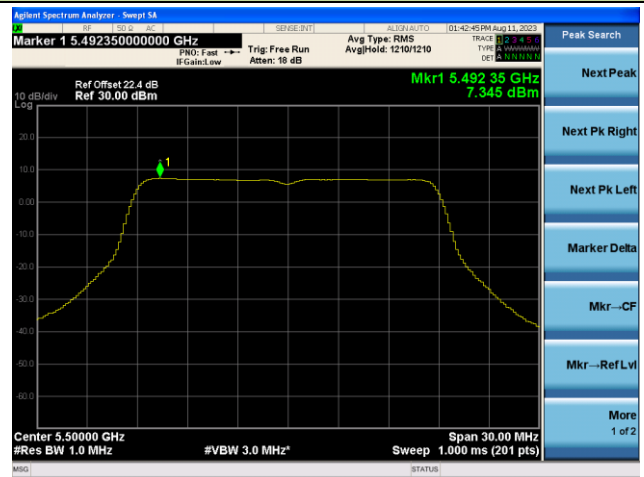
Channel 60 (5300MHz)



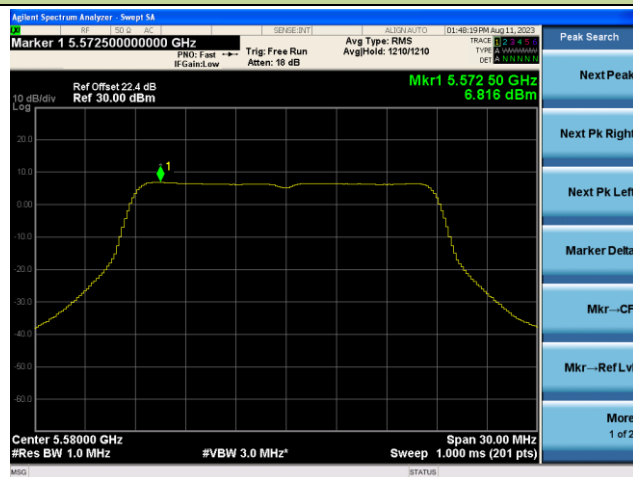
Channel 64 (5320MHz)



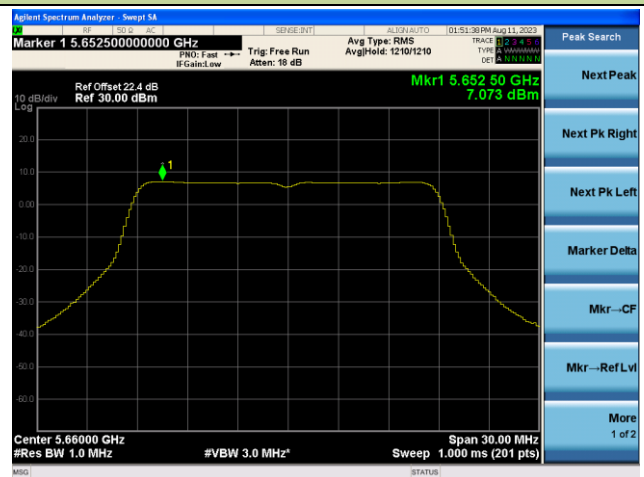
Channel 100 (5500MHz)



Channel 116 (5580MHz)

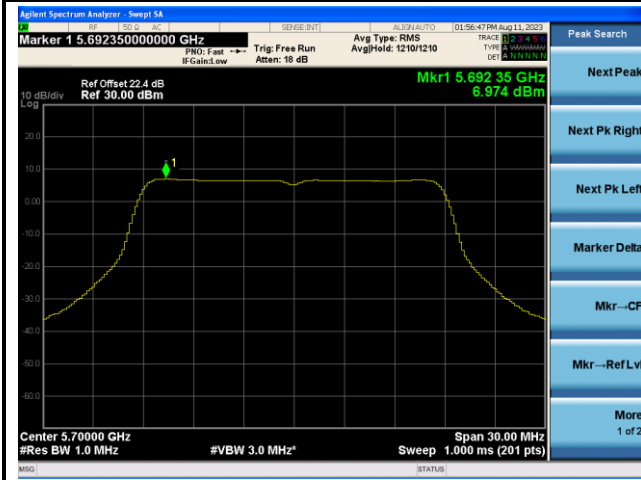


Channel 132 (5660MHz)



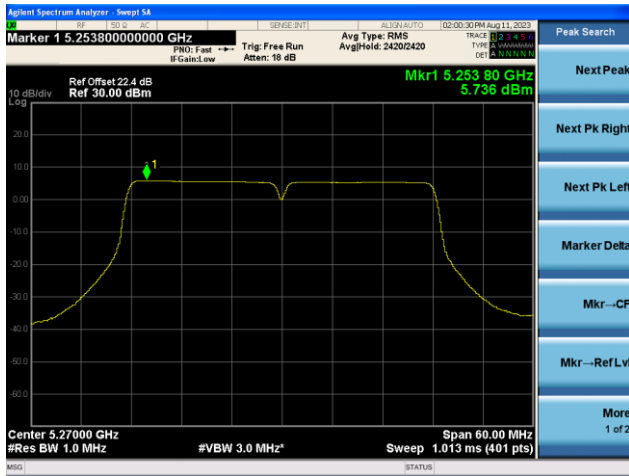
802.11ac-VHT20 Power Spectral Density- Ant 1

Channel 140 (5700MHz)

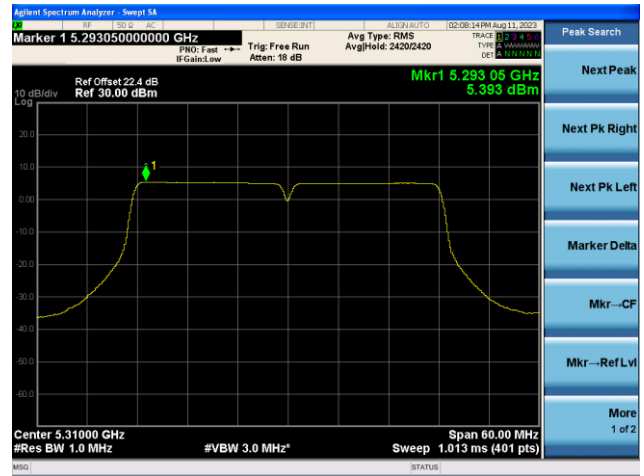


802.11ac-VHT40 Power Spectral Density- Ant 1

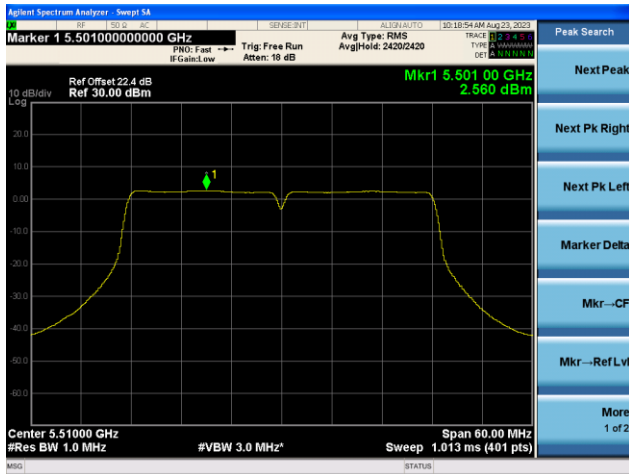
Channel 54 (5270MHz)



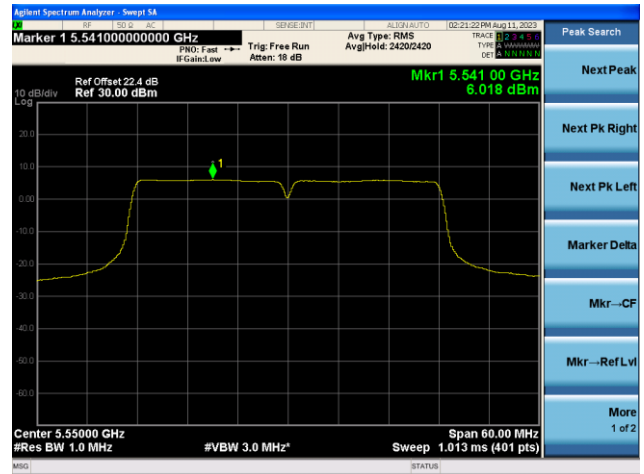
Channel 62 (5310MHz)



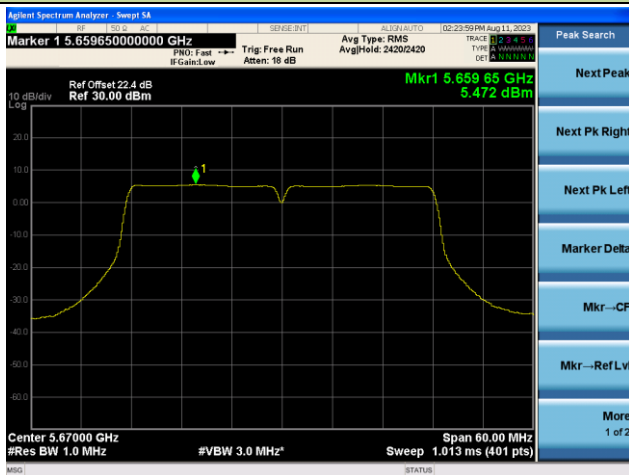
Channel 102 (5510MHz)



Channel 110 (5550MHz)

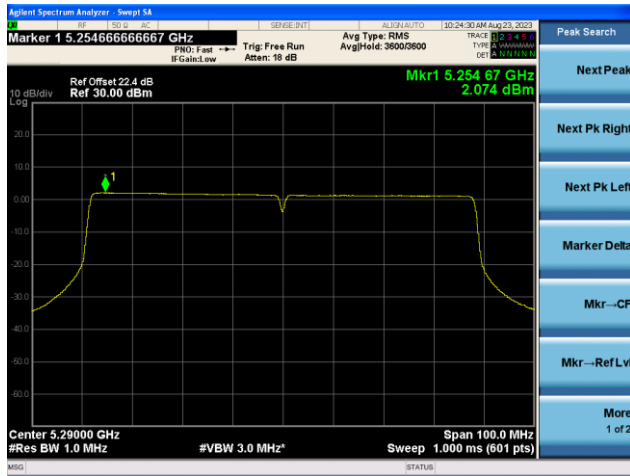


Channel 134 (5670MHz)

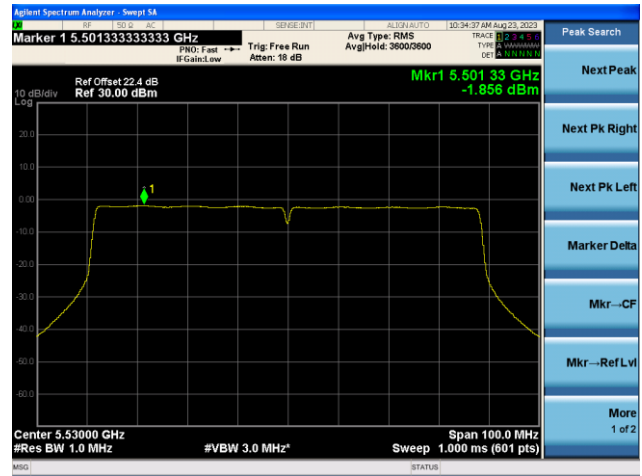


802.11ac-VHT80 Power Spectral Density- Ant 1

Channel 58 (5290MHz)



Channel 106 (5530MHz)

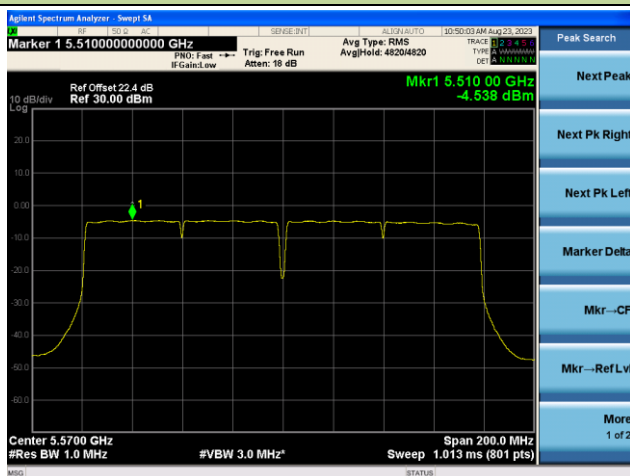


Channel 122 (5610MHz)



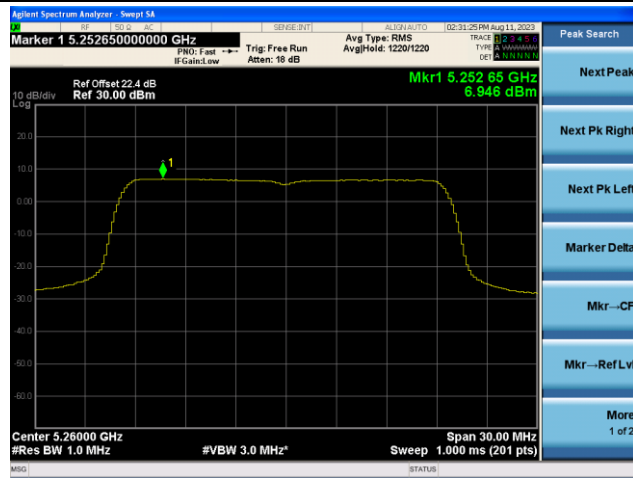
802.11ac-VHT160 Power Spectral Density- Ant 1

Channel 114 (5570MHz)

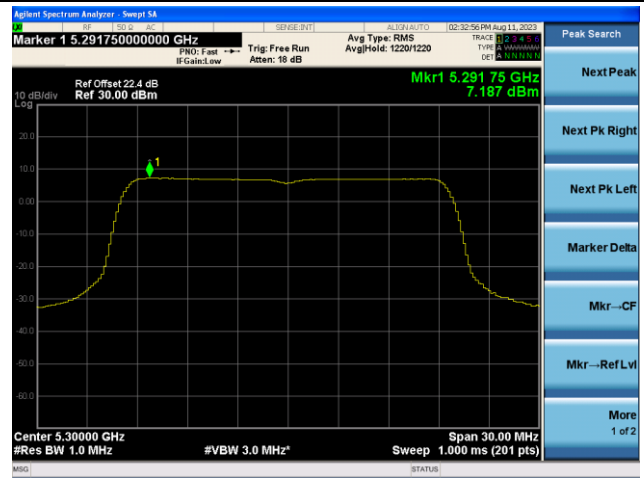


802.11ax-HE20 Power Spectral Density- Ant 1

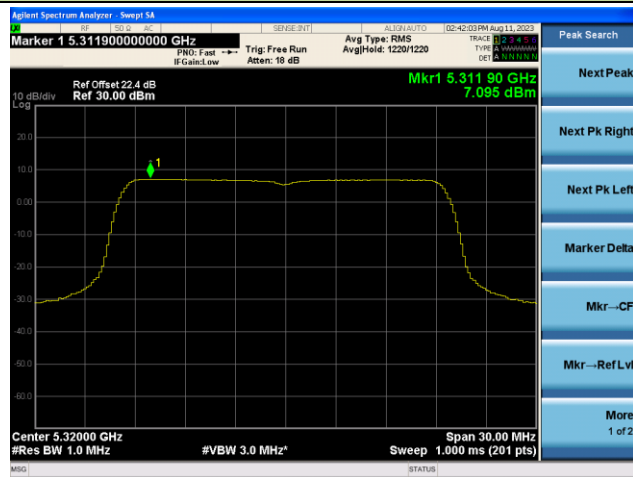
Channel 52 (5260MHz)



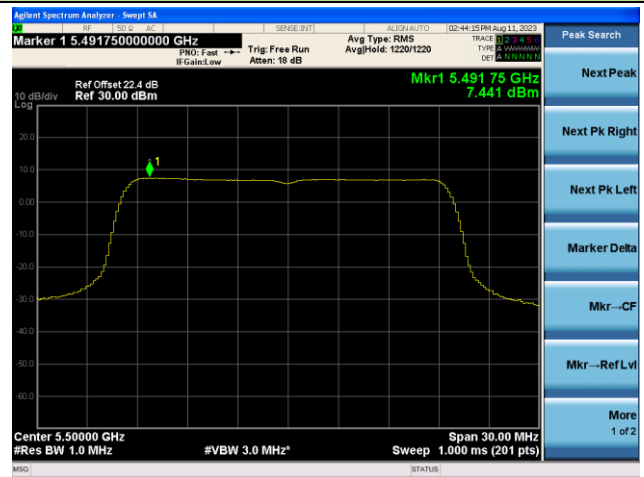
Channel 60 (5300MHz)



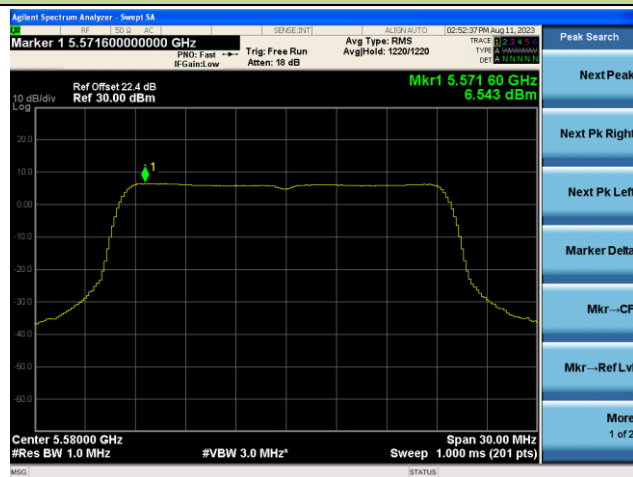
Channel 64 (5320MHz)



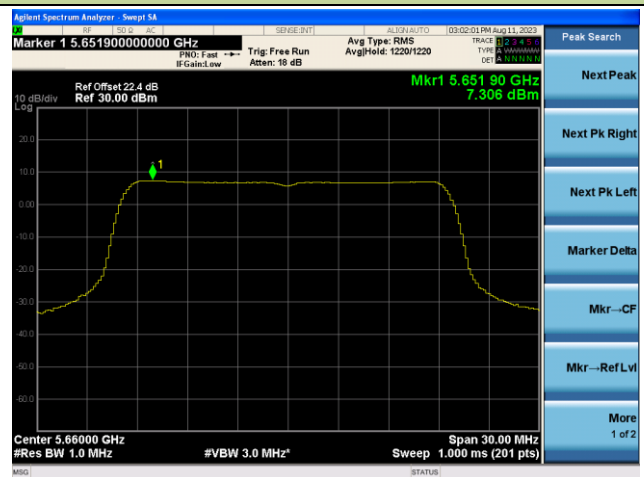
Channel 100 (5500MHz)



Channel 116 (5580MHz)

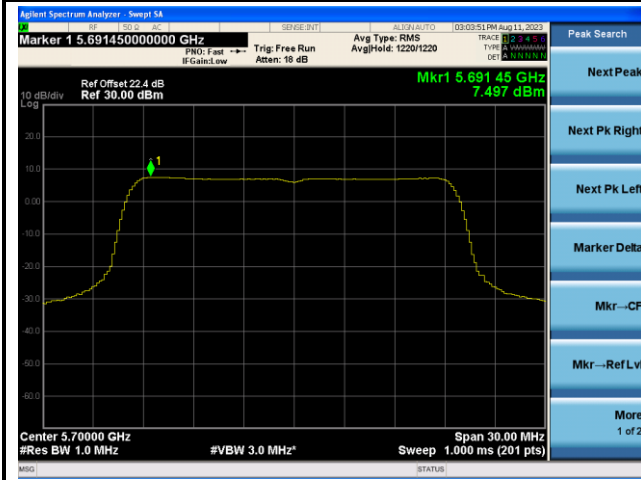


Channel 132 (5660MHz)



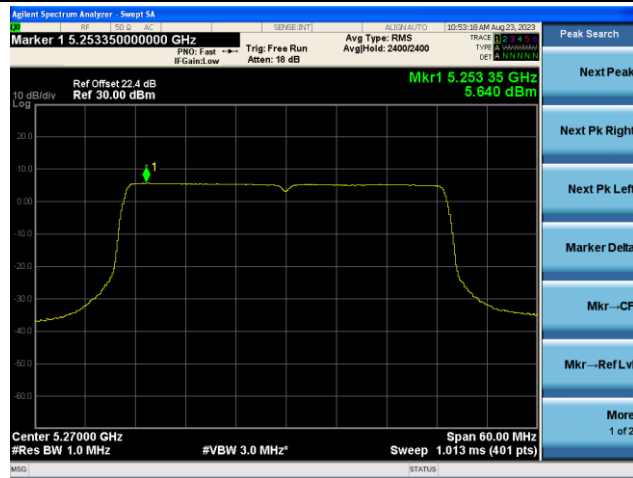
802.11ax-HE20 Power Spectral Density- Ant 1

Channel 140 (5700MHz)

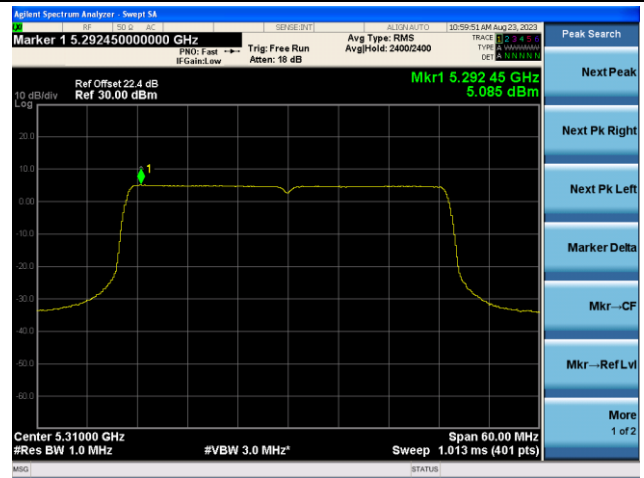


802.11ax-HE40 Power Spectral Density- Ant 1

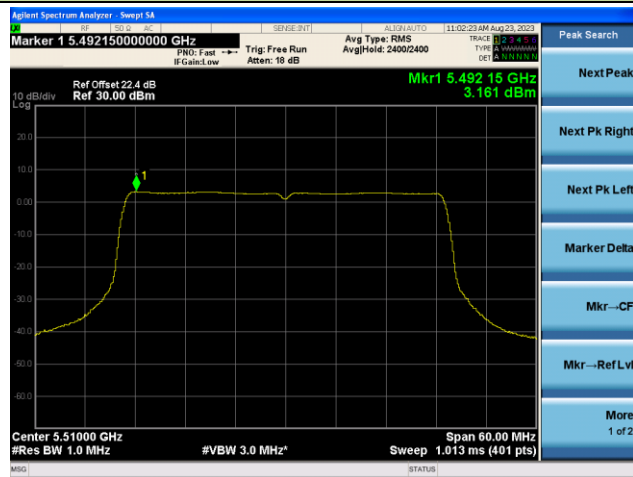
Channel 54 (5270MHz)



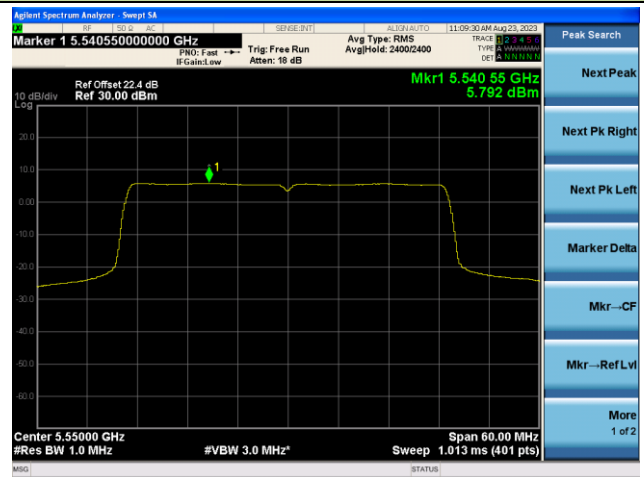
Channel 62 (5310MHz)



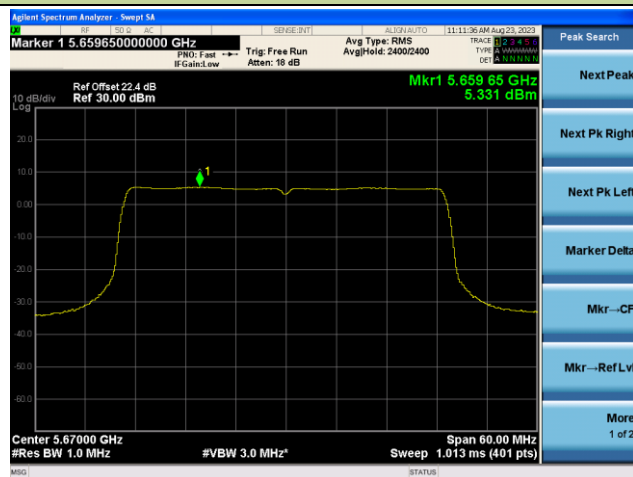
Channel 102 (5510MHz)



Channel 110 (5550MHz)

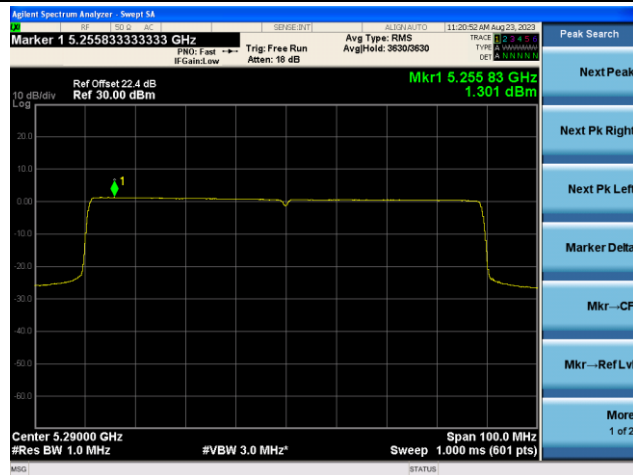


Channel 134 (5670MHz)

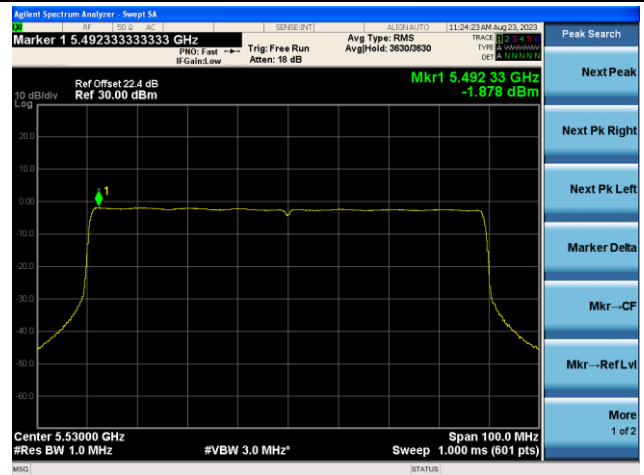


802.11ax-HE80 Power Spectral Density- Ant 1

Channel 58 (5290MHz)



Channel 106 (5530MHz)

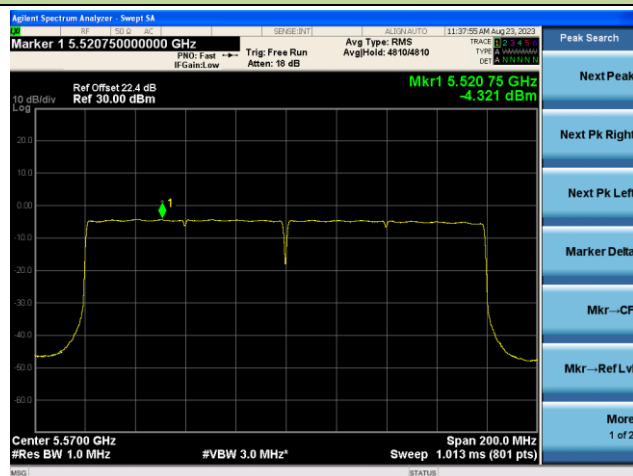


Channel 122 (5610MHz)



802.11ax-HE160 Power Spectral Density- Ant 1

Channel 114 (5570MHz)



A.5 Radiated Spurious Emission Test Result

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-22~2023-08-24	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
	7655.5	38.1	9.3	47.4	74.0	-26.6	Peak	Horizontal
*	8888.0	35.7	12.5	48.2	68.2	-20.0	Peak	Horizontal
	11081.0	34.6	16.1	50.7	74.0	-23.3	Peak	Horizontal
*	12942.5	33.6	15.6	49.2	68.2	-19.0	Peak	Horizontal
	8361.0	36.4	9.7	46.1	74.0	-27.9	Peak	Vertical
*	9916.5	34.5	12.3	46.8	68.2	-21.4	Peak	Vertical
	11081.0	34.3	16.1	50.4	74.0	-23.6	Peak	Vertical
*	13138.0	33.5	15.8	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-22~2023-08-24	Test Mode	802.11a – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8276.0	34.7	9.2	43.9	74.0	-30.1	Peak	Horizontal
*	9602.0	36.2	11.8	48.0	68.2	-20.2	Peak	Horizontal
	11106.5	35.9	15.2	51.1	74.0	-22.9	Peak	Horizontal
*	13104.0	33.5	15.4	48.9	68.2	-19.3	Peak	Horizontal
	8344.0	36.6	9.6	46.2	74.0	-27.8	Peak	Vertical
*	10307.5	35.4	13.4	48.8	68.2	-19.4	Peak	Vertical
	11225.5	34.4	15.8	50.2	74.0	-23.8	Peak	Vertical
*	13010.5	32.5	15.4	47.9	68.2	-20.3	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	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-22~2023-08-24	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8446.0	36.3	10.5	46.8	74.0	-27.2	Peak	Horizontal
*	9891.0	35.7	12.8	48.5	68.2	-19.7	Peak	Horizontal
	10638.1	40.7	13.9	54.6	74.0	-19.4	Peak	Horizontal
	10638.1	30.2	13.9	44.1	54.0	-9.9	Average	Horizontal
*	12849.0	33.6	15.0	48.6	68.2	-19.6	Peak	Horizontal
	8463.0	35.6	10.4	46.0	74.0	-28.0	Peak	Vertical
*	9814.5	35.0	12.5	47.5	68.2	-20.7	Peak	Vertical
	10639.0	37.6	13.9	51.5	74.0	-22.5	Peak	Vertical
*	12917.0	33.4	15.3	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-22~2023-08-24	Test Mode	802.11a – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8199.5	36.5	9.2	45.7	74.0	-28.3	Peak	Horizontal
*	9942.0	34.8	13.3	48.1	68.2	-20.1	Peak	Horizontal
	10996.0	36.1	14.6	50.7	74.0	-23.3	Peak	Horizontal
*	12934.0	32.5	15.7	48.2	68.2	-20.0	Peak	Horizontal
	8284.5	36.3	9.3	45.6	74.0	-28.4	Peak	Vertical
*	9644.5	35.3	11.7	47.0	68.2	-21.2	Peak	Vertical
	11089.5	35.2	15.6	50.8	74.0	-23.2	Peak	Vertical
*	13010.5	32.2	15.4	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-22~2023-08-24	Test Mode	802.11a – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7655.5	37.7	9.3	47.0	74.0	-27.0	Peak	Horizontal
*	9933.5	35.8	12.9	48.7	68.2	-19.5	Peak	Horizontal
	11038.5	35.3	15.1	50.4	74.0	-23.6	Peak	Horizontal
*	13112.5	33.3	15.5	48.8	68.2	-19.4	Peak	Horizontal
	8335.5	34.8	9.4	44.2	74.0	-29.8	Peak	Vertical
*	9899.5	35.1	12.5	47.6	68.2	-20.6	Peak	Vertical
	11489.0	34.5	15.7	50.2	74.0	-23.8	Peak	Vertical
*	12891.5	33.5	15.0	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-22~2023-08-24	Test Mode	802.11a – Channel 132
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8284.5	35.7	9.3	45.0	74.0	-29.0	Peak	Horizontal
*	9840.0	35.3	12.6	47.9	68.2	-20.3	Peak	Horizontal
	11055.5	36.1	15.3	51.4	74.0	-22.6	Peak	Horizontal
*	13087.0	32.1	15.2	47.3	68.2	-20.9	Peak	Horizontal
	8233.5	36.2	9.0	45.2	74.0	-28.8	Peak	Vertical
*	9993.0	33.8	12.9	46.7	68.2	-21.5	Peak	Vertical
	11072.5	34.2	15.9	50.1	74.0	-23.9	Peak	Vertical
*	13087.0	31.6	15.2	46.8	68.2	-21.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-22~2023-08-24	Test Mode	802.11a – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8386.5	35.0	9.8	44.8	74.0	-29.2	Peak	Horizontal
*	9899.5	35.6	12.5	48.1	68.2	-20.1	Peak	Horizontal
	11404.0	36.4	15.3	51.7	74.0	-22.3	Peak	Horizontal
*	13129.5	33.5	15.7	49.2	68.2	-19.0	Peak	Horizontal
	8395.0	35.9	9.8	45.7	74.0	-28.3	Peak	Vertical
*	9814.5	34.7	12.5	47.2	68.2	-21.0	Peak	Vertical
	11463.5	34.5	15.5	50.0	74.0	-24.0	Peak	Vertical
*	12934.0	32.0	15.7	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)