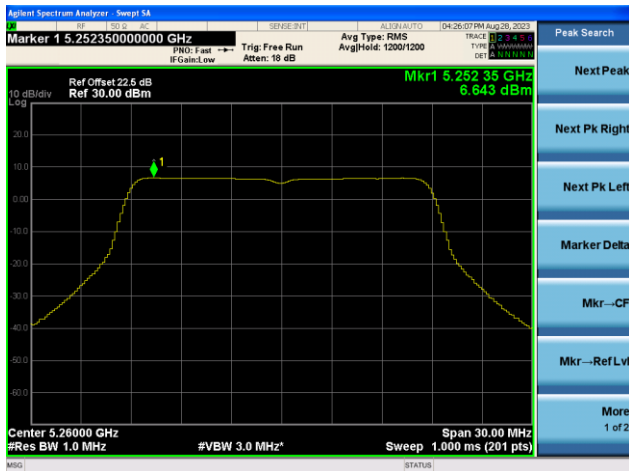
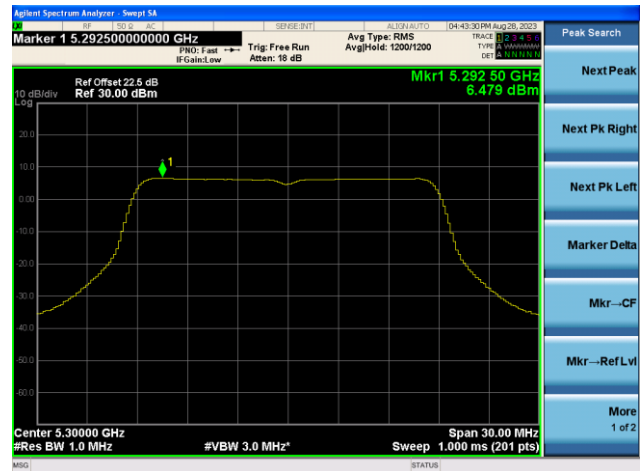


802.11ac-VHT20 Power Spectral Density- Ant 0

Channel 52 (5260MHz)



Channel 60 (5300MHz)



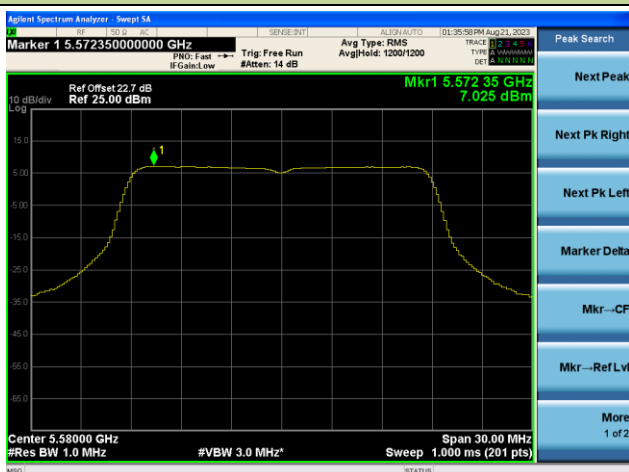
Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

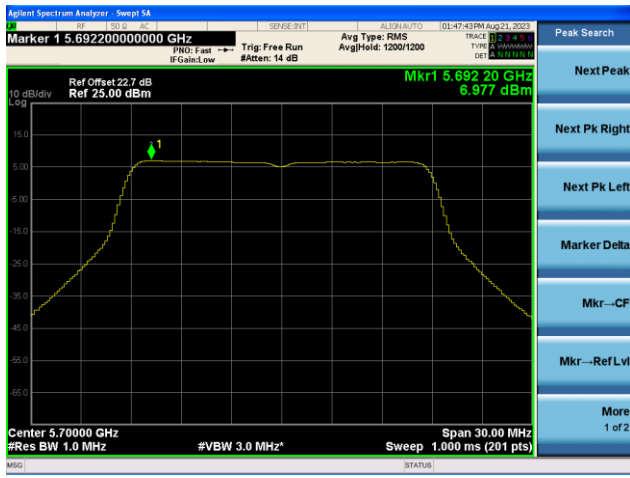


Channel 132 (5660MHz)



802.11ac-VHT20 Power Spectral Density- Ant 0

Channel 140 (5700MHz)



Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

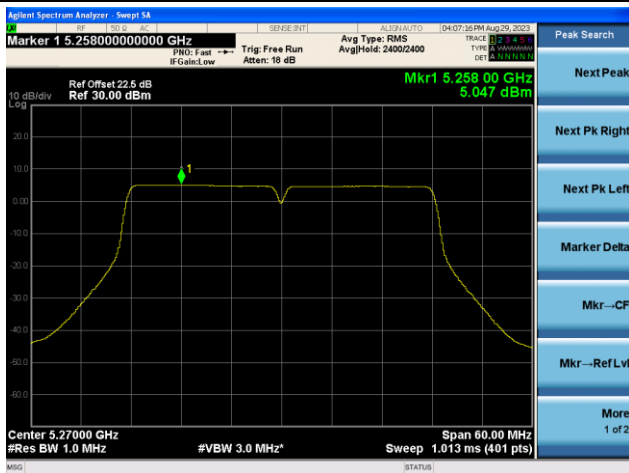
Mkr--CF

Mkr--Ref Lvl

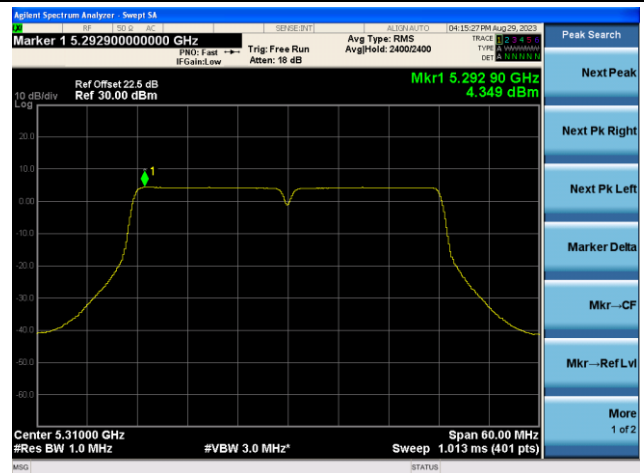
More
1 of 2

802.11ac-VHT40 Power Spectral Density- Ant 0

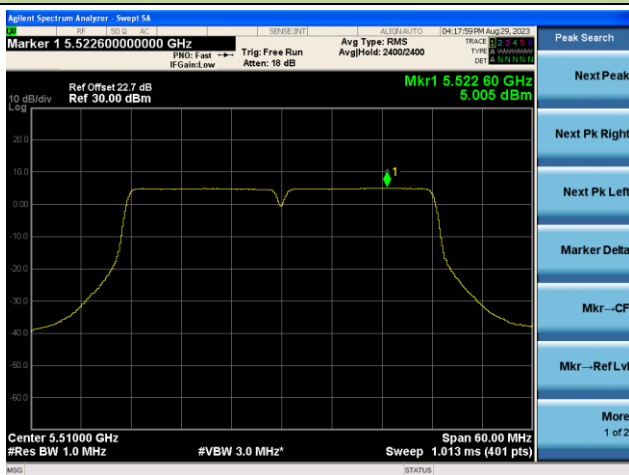
Channel 54 (5270MHz)



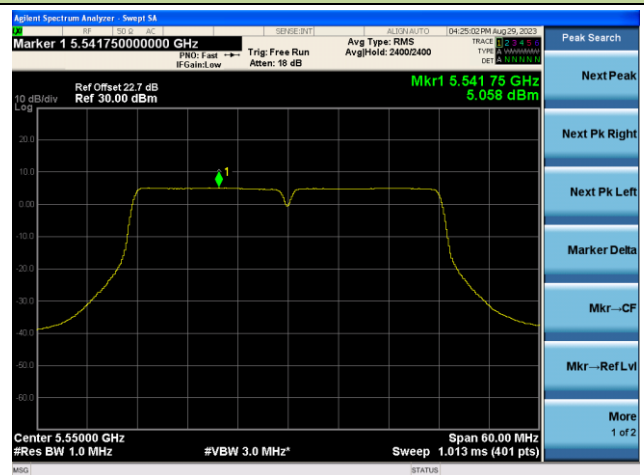
Channel 62 (5310MHz)



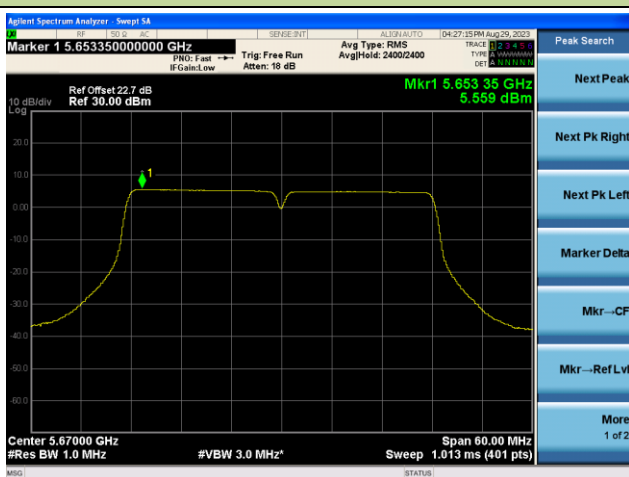
Channel 102 (5510MHz)



Channel 110 (5550MHz)

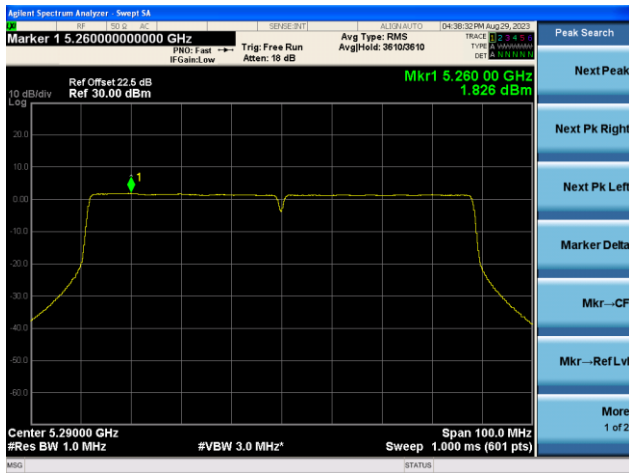


Channel 134 (5670MHz)

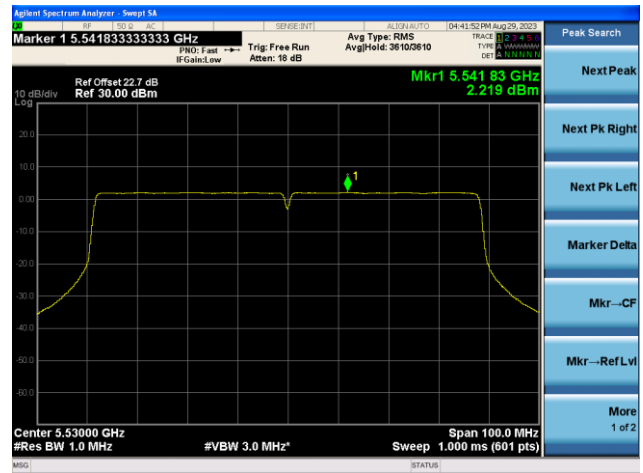


802.11ac-VHT80 Power Spectral Density- Ant 0

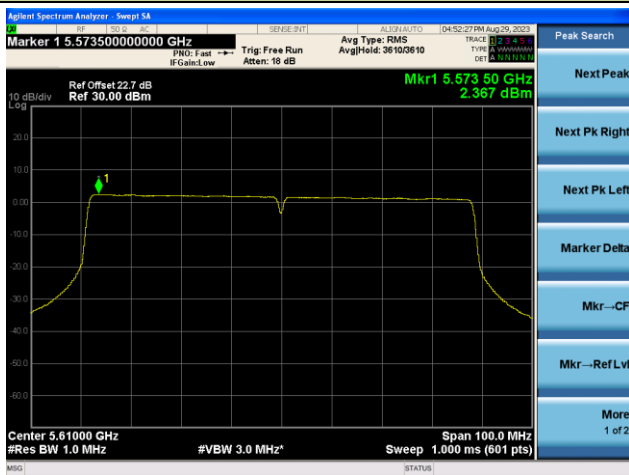
Channel 58 (5290MHz)



Channel 106 (5530MHz)

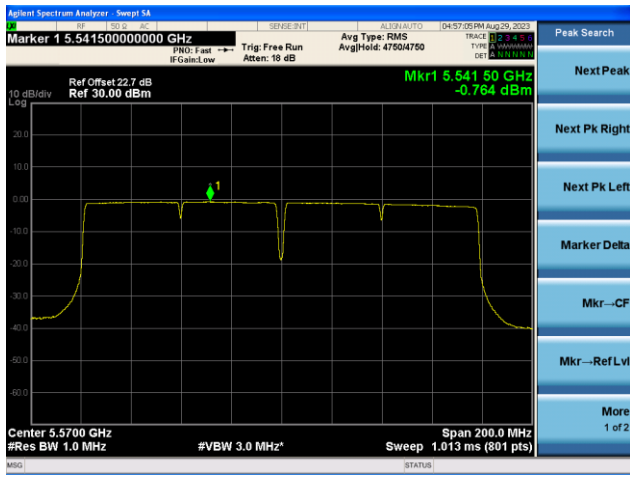


Channel 122 (5610MHz)



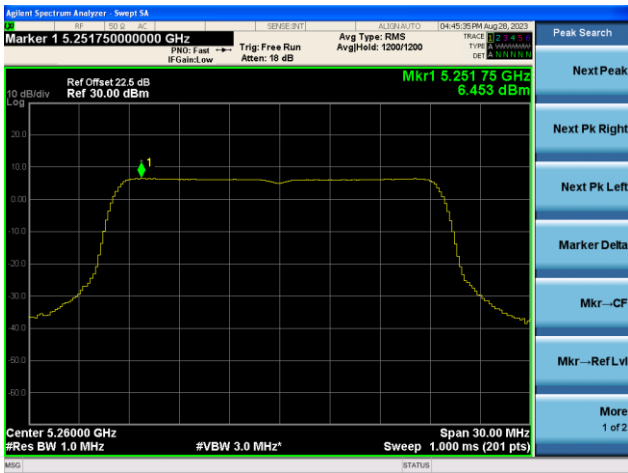
802.11ac-VHT160 Power Spectral Density- Ant 0

Channel 114 (5570MHz)



802.11ax-HE20 Power Spectral Density- Ant 0

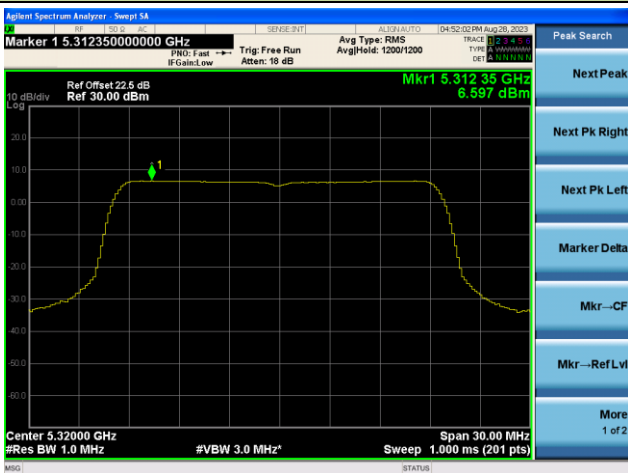
Channel 52 (5260MHz)



Channel 60 (5300MHz)



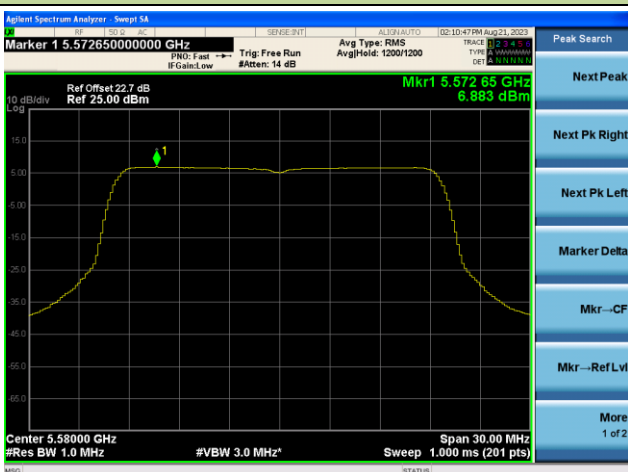
Channel 64 (5320MHz)



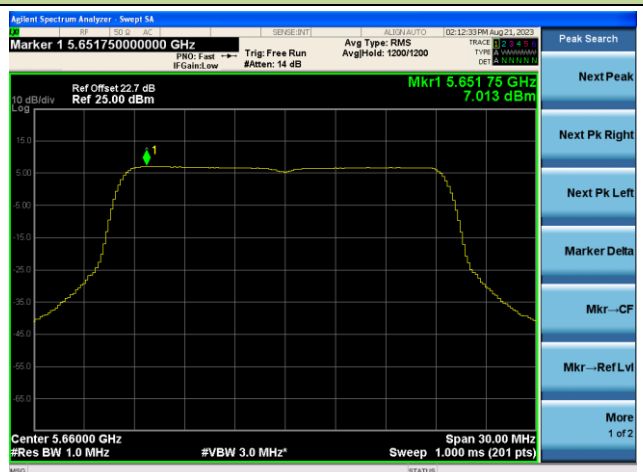
Channel 100 (5500MHz)



Channel 116 (5580MHz)



Channel 132 (5660MHz)



802.11ax-HE20 Power Spectral Density- Ant 0

Channel 140 (5700MHz)



Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

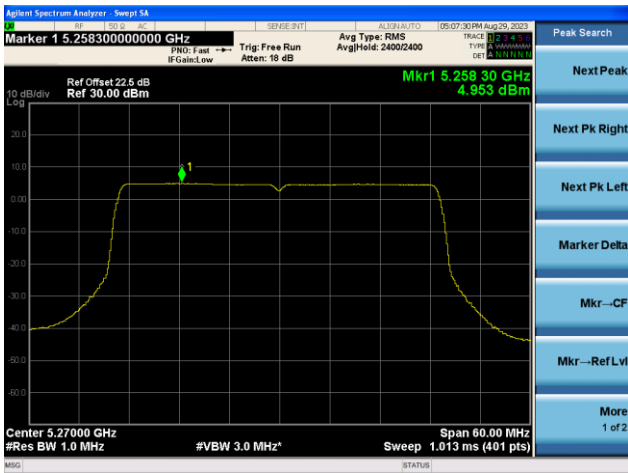
Mkr--CF

Mkr--Ref Lvl

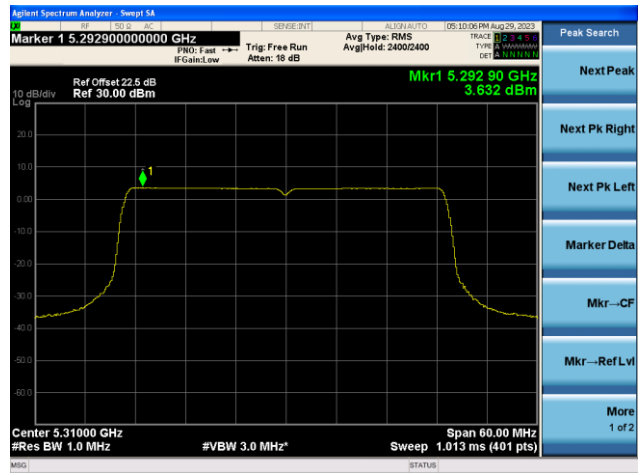
More
1 of 2

802.11ax-HE40 Power Spectral Density- Ant 0

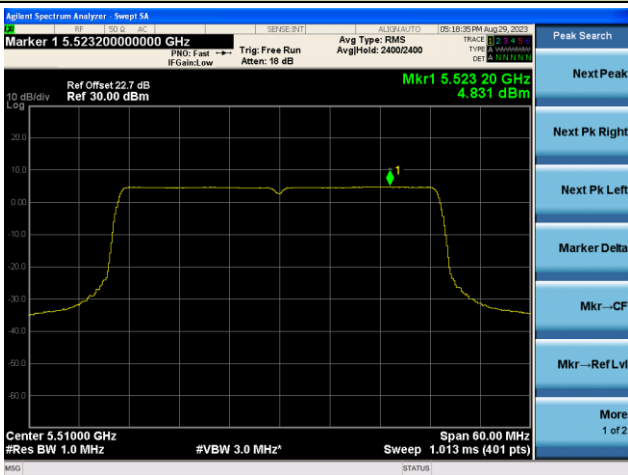
Channel 54 (5270MHz)



Channel 62 (5310MHz)



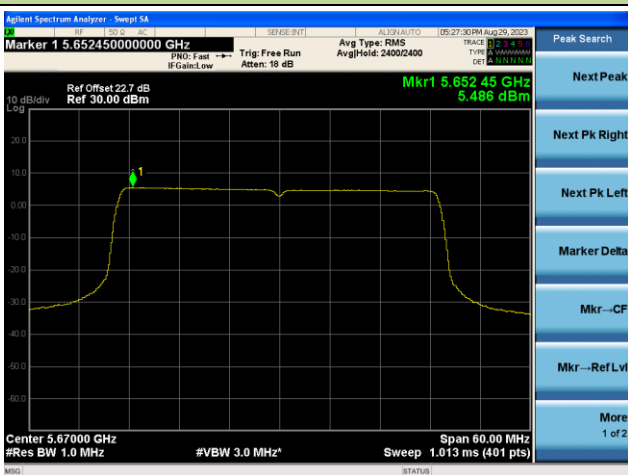
Channel 102 (5510MHz)



Channel 110 (5550MHz)

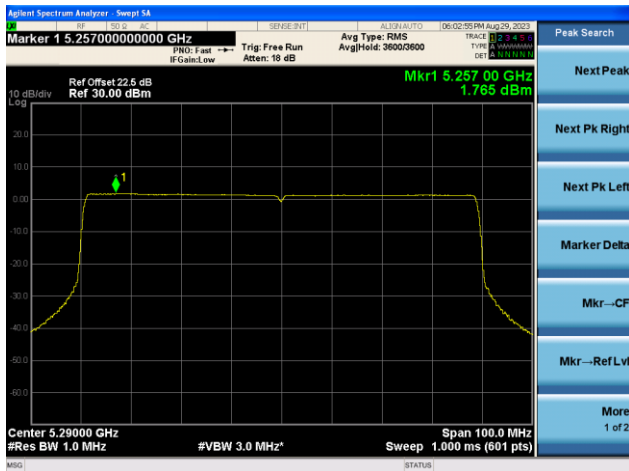


Channel 134 (5670MHz)

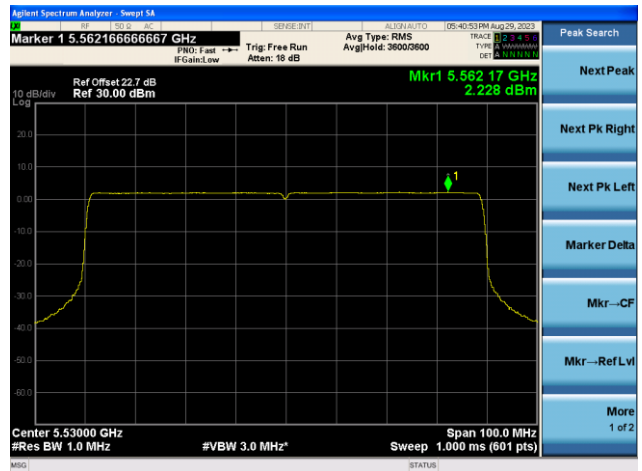


802.11ax-HE80 Power Spectral Density- Ant 0

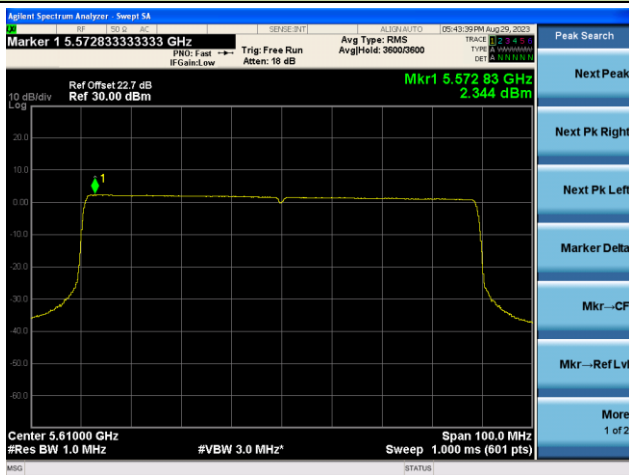
Channel 58 (5290MHz)



Channel 106 (5530MHz)

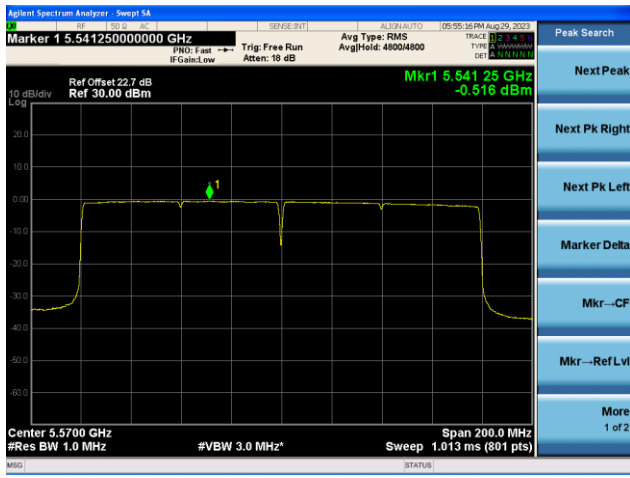


Channel 122 (5610MHz)



802.11ax-HE160 Power Spectral Density- Ant 0

Channel 114 (5570MHz)



802.11a Power Spectral Density- Ant 1

Channel 52 (5260MHz)



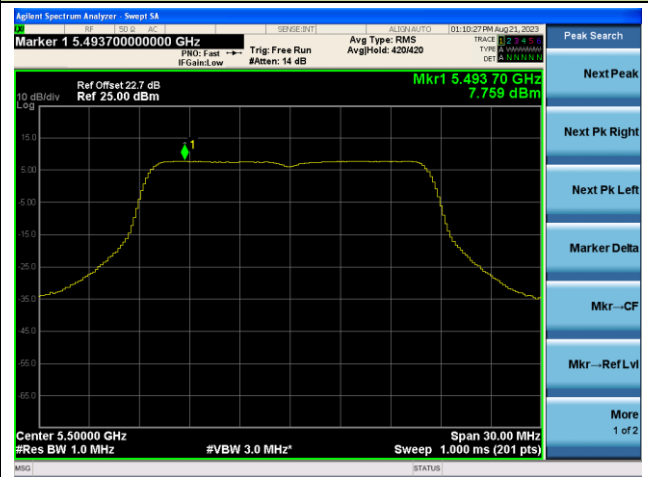
Channel 60 (5300MHz)



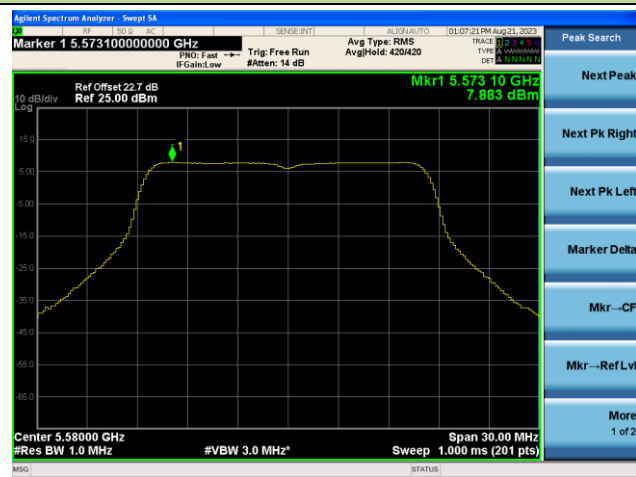
Channel 64 (5320MHz)



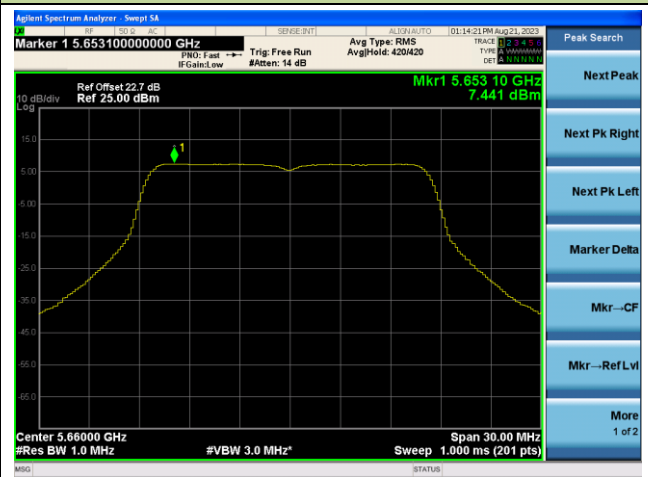
Channel 100 (5500MHz)

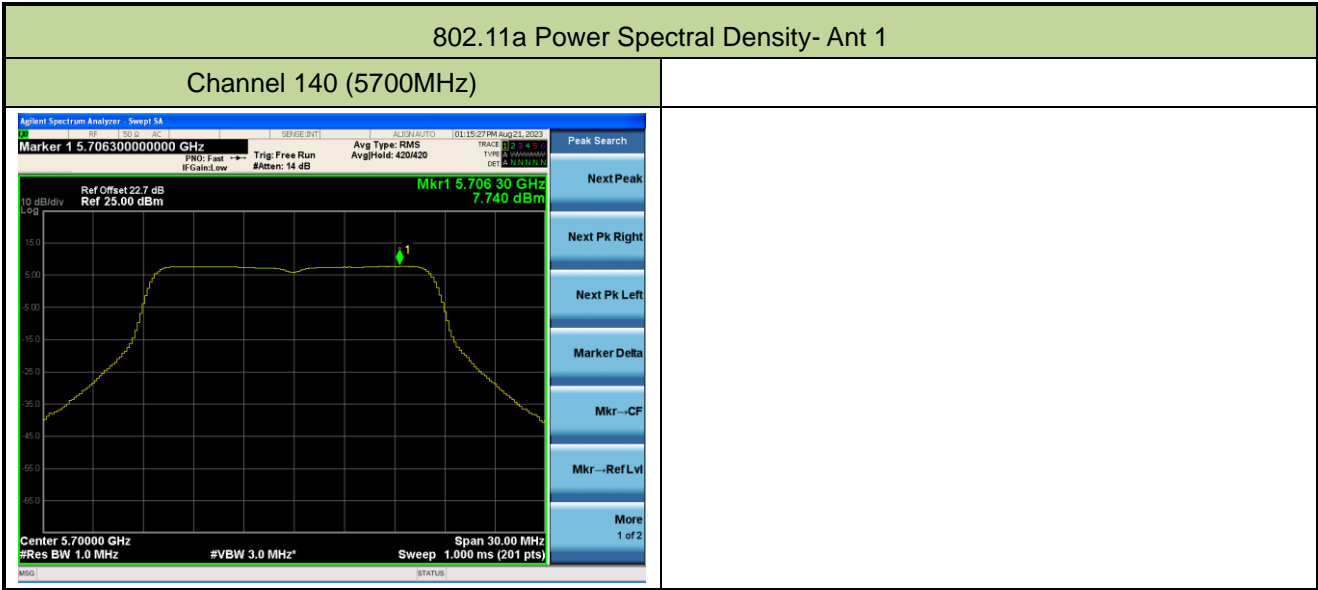


Channel 116 (5580MHz)



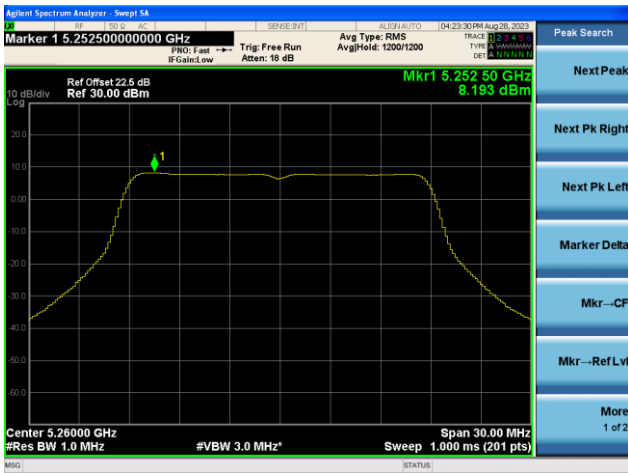
Channel 130 (5660MHz)



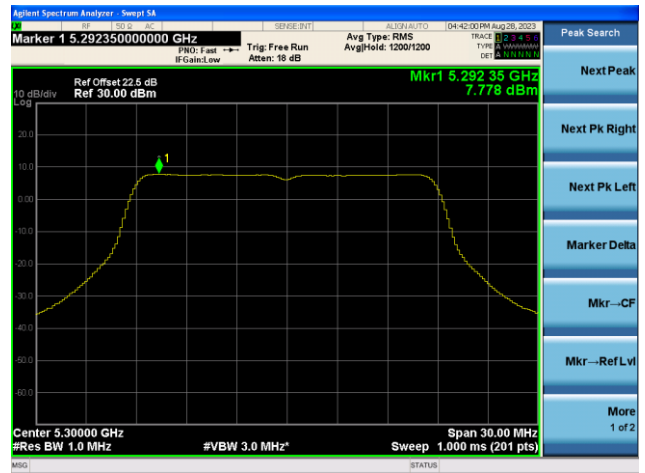


802.11ac-VHT20 Power Spectral Density- Ant 1

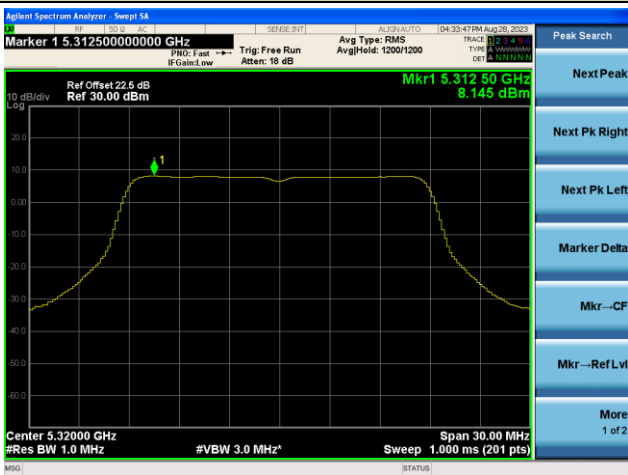
Channel 52 (5260MHz)



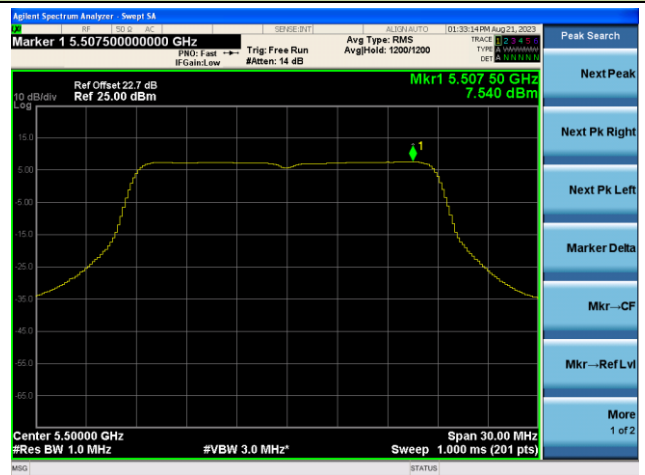
Channel 60 (5300MHz)



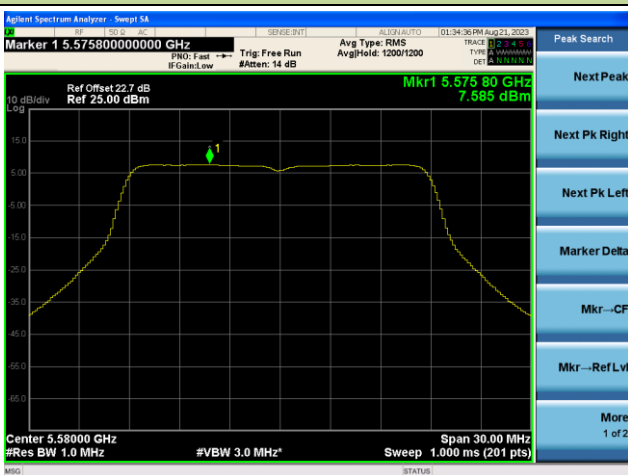
Channel 64 (5320MHz)



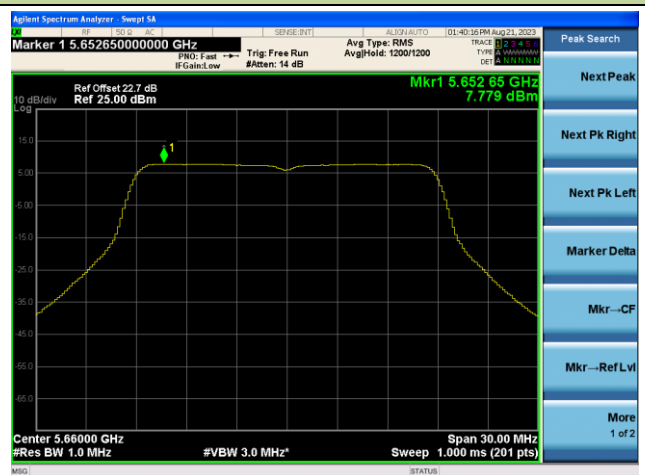
Channel 100 (5500MHz)



Channel 116 (5580MHz)

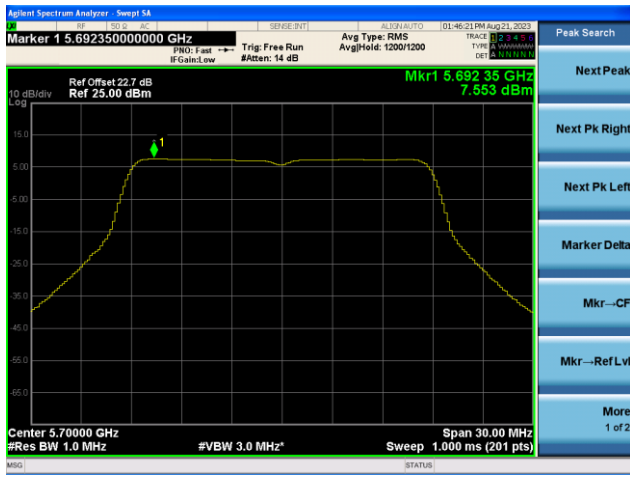


Channel 132 (5660MHz)



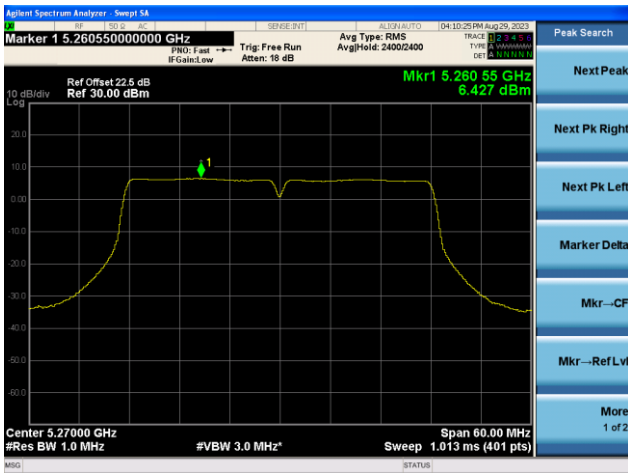
802.11ac-VHT20 Power Spectral Density- Ant 1

Channel 140 (5700MHz)

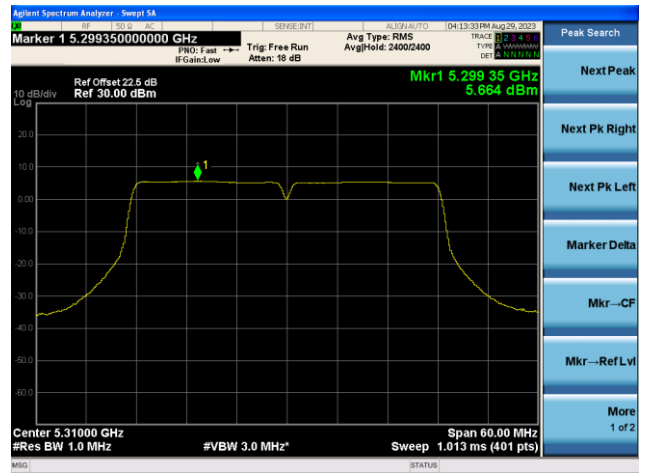


802.11ac-VHT40 Power Spectral Density- Ant 1

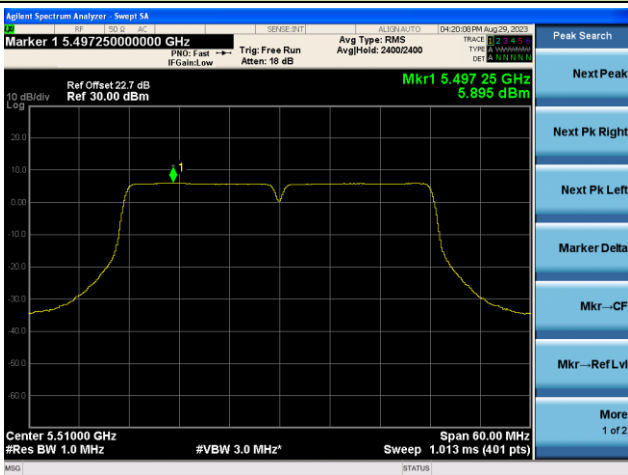
Channel 54 (5270MHz)



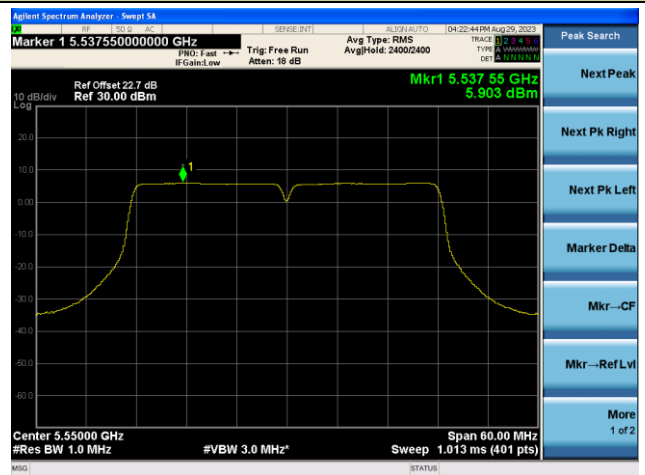
Channel 62 (5310MHz)



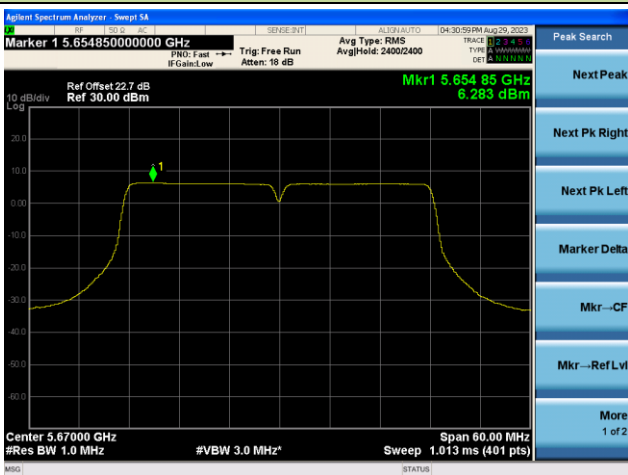
Channel 102 (5510MHz)



Channel 110 (5550MHz)

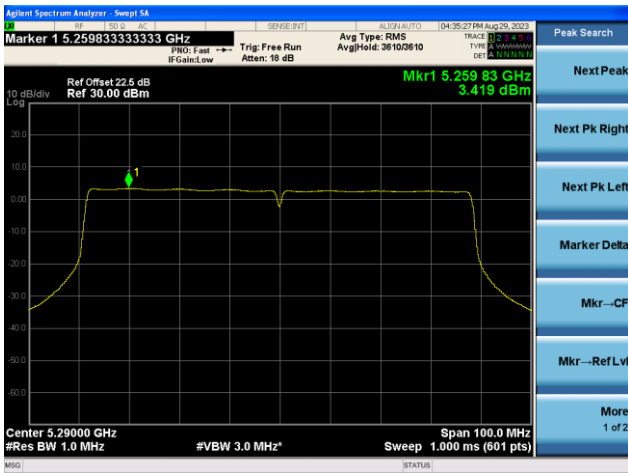


Channel 134 (5670MHz)

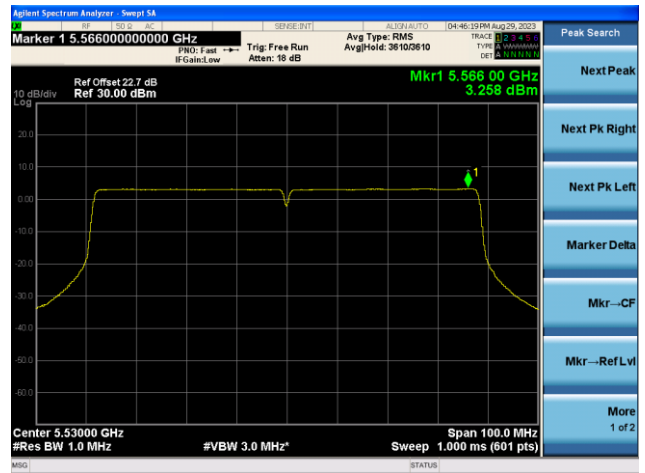


802.11ac-VHT80 Power Spectral Density- Ant 1

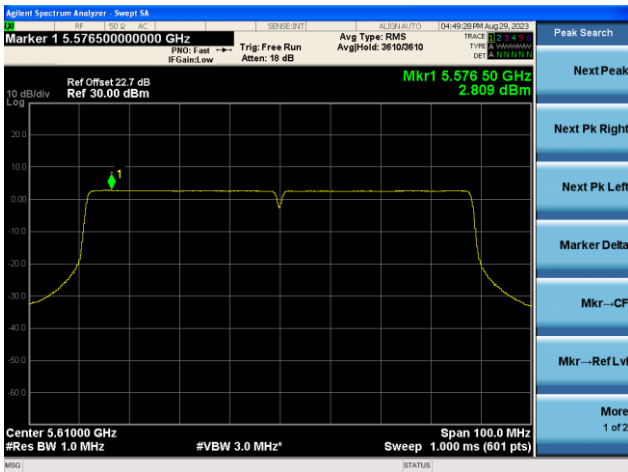
Channel 58 (5290MHz)



Channel 106 (5530MHz)

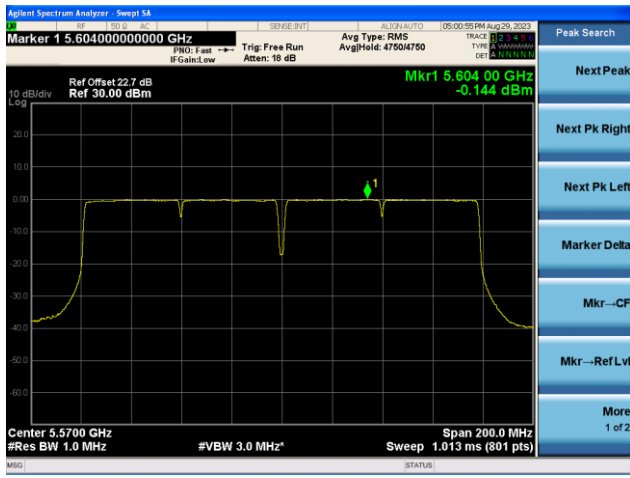


Channel 122 (5610MHz)



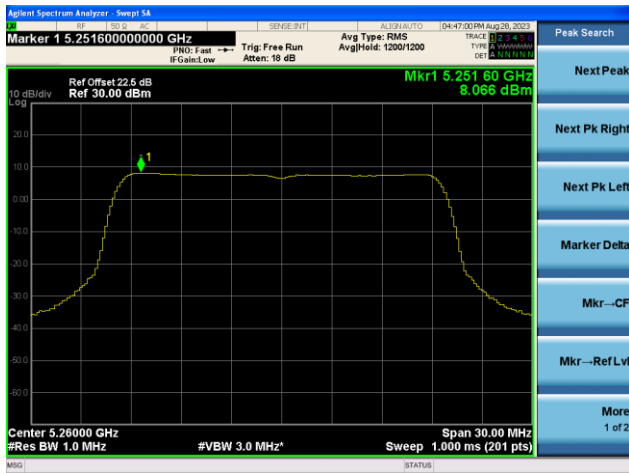
802.11ac-VHT160 Power Spectral Density- Ant 1

Channel 114 (5570MHz)



802.11ax-HE20 Power Spectral Density- Ant 1

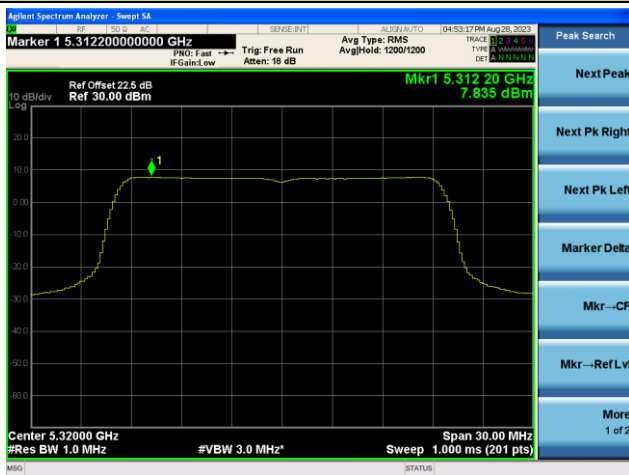
Channel 52 (5260MHz)



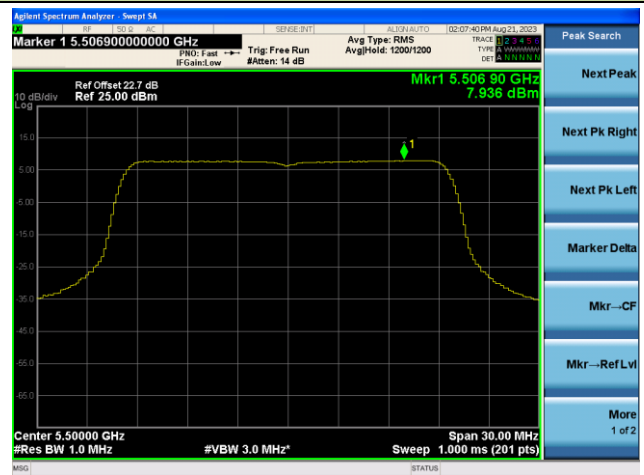
Channel 60 (5300MHz)



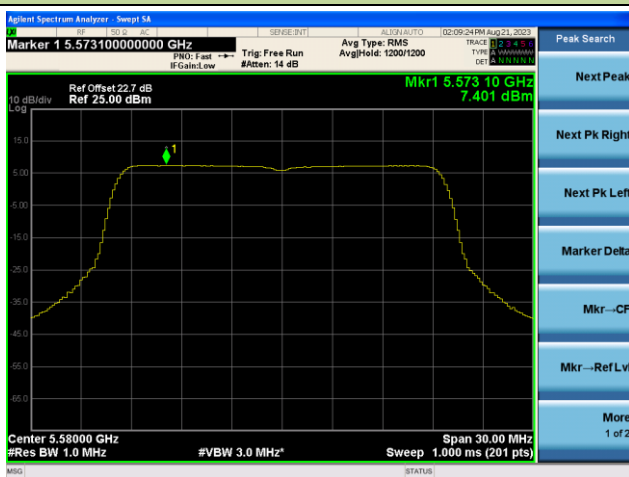
Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

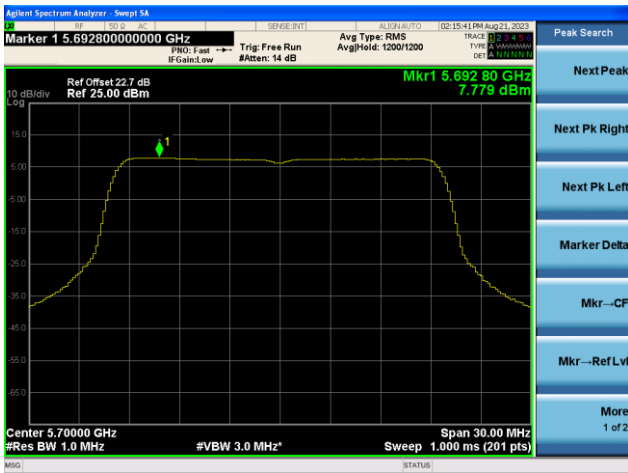


Channel 132 (5660MHz)



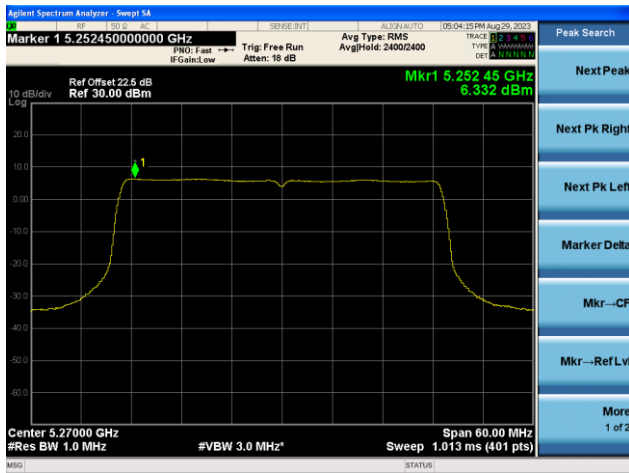
802.11ac-VHT20 Power Spectral Density- Ant 1

Channel 140 (5700MHz)

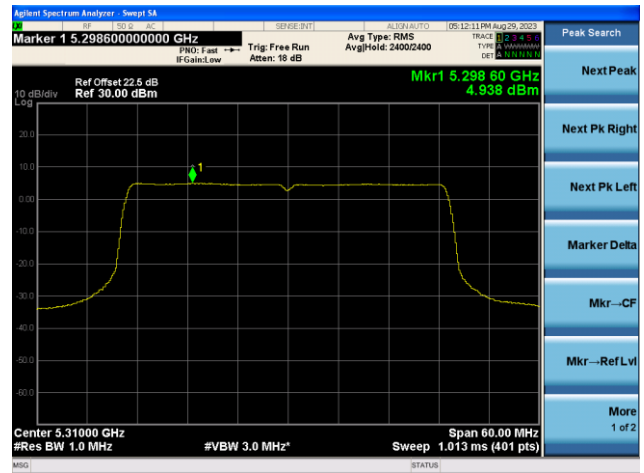


802.11ax-HE40 Power Spectral Density- Ant 1

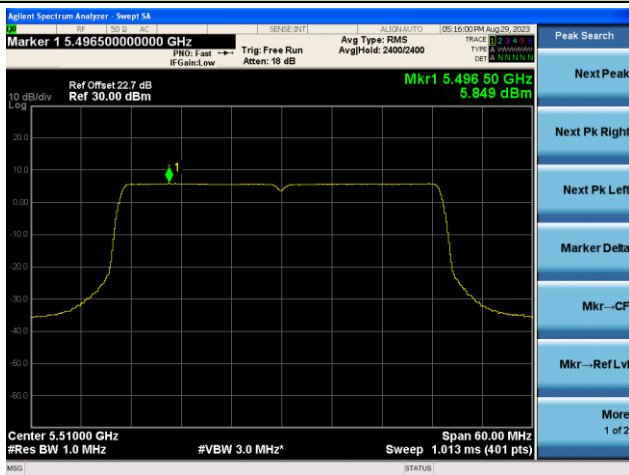
Channel 54 (5270MHz)



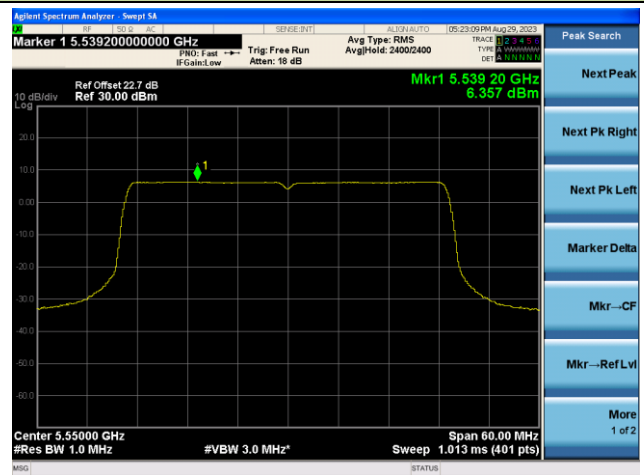
Channel 62 (5310MHz)



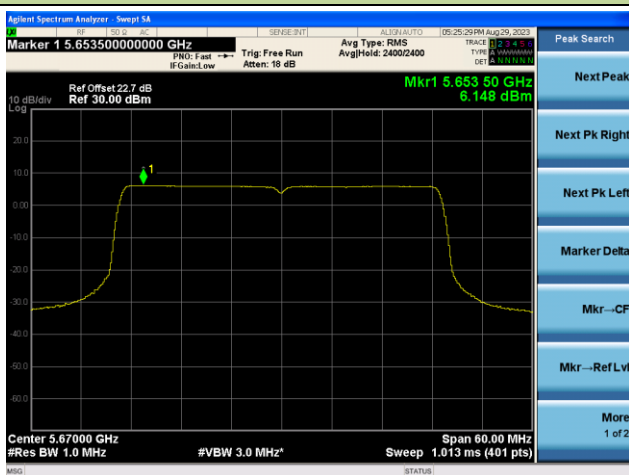
Channel 102 (5510MHz)



Channel 110 (5550MHz)

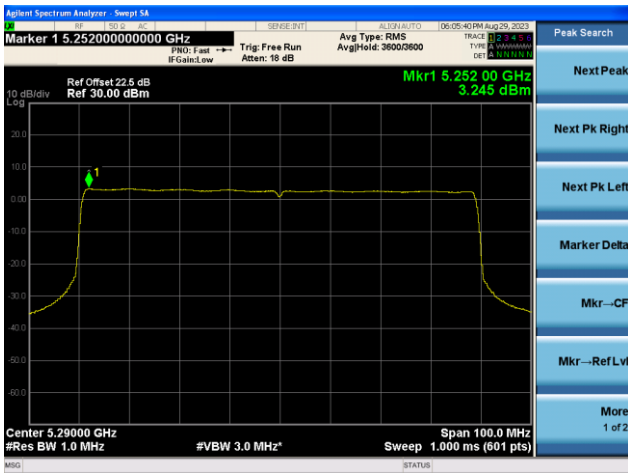


Channel 134 (5670MHz)

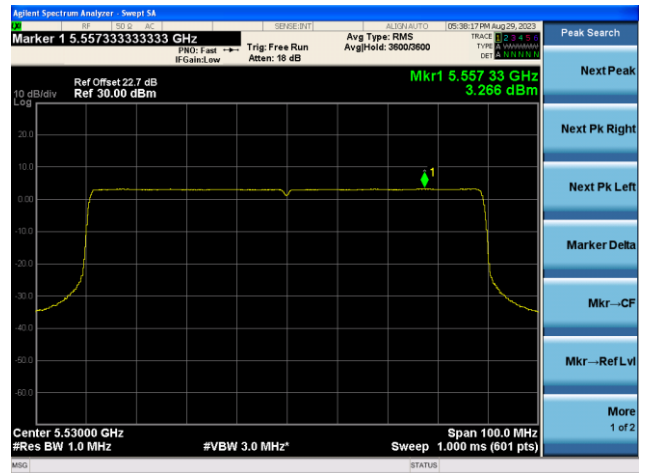


802.11ax-HE80 Power Spectral Density- Ant 1

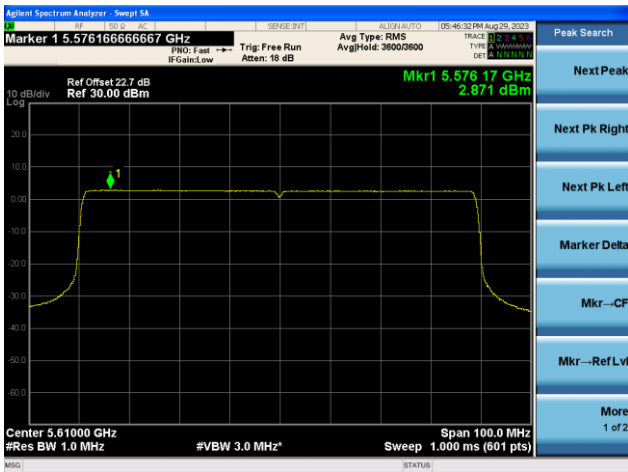
Channel 58 (5290MHz)



Channel 106 (5530MHz)

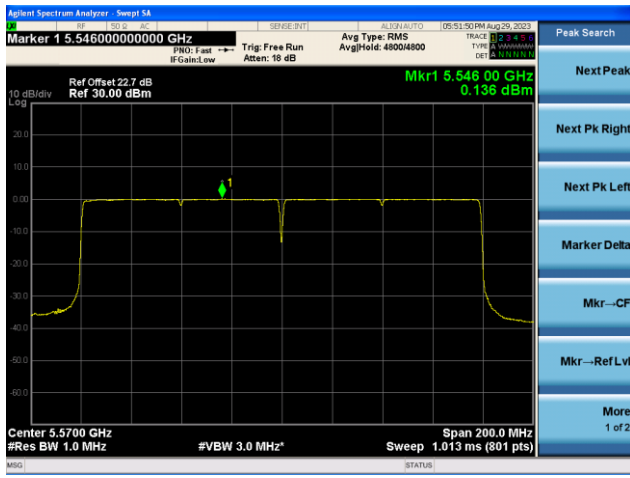


Channel 122 (5610MHz)



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	2023-08-29~2023-08-30	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
	11191.5	35.8	15.2	51.0	74.0	-23.0	Peak	Horizontal
*	13010.5	34.9	15.4	50.3	68.2	-17.9	Peak	Horizontal
	15779.3	37.6	16.0	53.6	74.0	-20.4	Peak	Horizontal
	15779.3	28.1	16.0	44.1	54.0	-9.9	Average	Horizontal
*	16487.0	34.0	16.4	50.4	68.2	-17.8	Peak	Horizontal
	11480.5	35.6	15.7	51.3	74.0	-22.7	Peak	Vertical
*	13019.0	33.7	15.4	49.1	68.2	-19.1	Peak	Vertical
	15777.4	39.6	16.0	55.6	74.0	-18.4	Peak	Vertical
	15777.4	27.8	16.0	43.8	54.0	-10.2	Average	Vertical
*	16495.5	33.5	16.2	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	11497.5	35.2	15.7	50.9	74.0	-23.1	Peak	Horizontal
*	13010.5	34.3	15.4	49.7	68.2	-18.5	Peak	Horizontal
	15901.5	41.3	16.5	57.8	74.0	-16.2	Peak	Horizontal
	15901.5	31.1	16.5	47.6	54.0	-6.4	Average	Horizontal
*	16359.5	33.8	17.3	51.1	68.2	-17.1	Peak	Horizontal
	10605.0	37.4	13.9	51.3	74.0	-22.7	Peak	Vertical
*	12959.5	34.3	15.5	49.8	68.2	-18.4	Peak	Vertical
	15902.8	43.8	16.5	60.3	74.0	-13.7	Peak	Vertical
	15902.8	33.1	16.5	49.6	54.0	-4.4	Average	Vertical
*	16453.0	33.8	16.6	50.4	68.2	-17.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + 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	2023-08-29~2023-08-30	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
	11463.5	33.7	15.5	49.2	74.0	-24.8	Peak	Horizontal
*	12908.5	32.1	15.1	47.2	68.2	-21.0	Peak	Horizontal
	15960.0	37.4	15.0	52.4	74.0	-21.6	Peak	Horizontal
*	16427.5	32.2	17.0	49.2	68.2	-19.0	Peak	Horizontal
	10962.0	35.2	15.3	50.5	74.0	-23.5	Peak	Vertical
*	12798.0	33.9	14.7	48.6	68.2	-19.6	Peak	Vertical
	15962.1	39.1	15.2	54.3	74.0	-19.7	Peak	Vertical
	15962.1	29.1	15.2	44.3	54.0	-9.7	Average	Vertical
*	16572.0	31.7	16.8	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	2023-08-29~2023-08-30	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
	8429.0	37.4	10.0	47.4	74.0	-26.6	Peak	Horizontal
*	10146.0	36.4	13.2	49.6	68.2	-18.6	Peak	Horizontal
	11956.5	37.0	14.5	51.5	74.0	-22.5	Peak	Horizontal
*	12891.5	34.6	15.0	49.6	68.2	-18.6	Peak	Horizontal
	8250.5	40.5	9.0	49.5	74.0	-24.5	Peak	Vertical
*	9891.0	35.5	12.8	48.3	68.2	-19.9	Peak	Vertical
	10999.9	40.5	14.7	55.2	74.0	-18.8	Peak	Vertical
	10999.9	31.3	14.7	46.0	54.0	-8.0	Average	Vertical
*	12857.5	34.7	15.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	8369.5	38.4	9.8	48.2	74.0	-25.8	Peak	Horizontal
*	9925.0	37.2	12.5	49.7	68.2	-18.5	Peak	Horizontal
	11157.7	39.1	15.5	54.6	74.0	-19.4	Peak	Horizontal
	11157.7	28.0	15.5	43.5	54.0	-10.5	Average	Horizontal
*	13010.5	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
	8369.5	42.8	9.8	52.6	74.0	-21.4	Peak	Vertical
*	10137.5	36.9	13.2	50.1	68.2	-18.1	Peak	Vertical
	11159.9	40.1	15.5	55.6	74.0	-18.4	Peak	Vertical
	11159.9	30.2	15.5	45.7	54.0	-8.3	Average	Vertical
*	12934.0	34.3	15.7	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	8199.5	36.0	9.2	45.2	74.0	-28.8	Peak	Horizontal
*	10392.5	34.1	14.1	48.2	68.2	-20.0	Peak	Horizontal
	11319.0	35.7	15.3	51.0	74.0	-23.0	Peak	Horizontal
*	12883.0	32.6	15.2	47.8	68.2	-20.4	Peak	Horizontal
	8488.5	37.6	10.6	48.2	74.0	-25.8	Peak	Vertical
*	9831.5	35.6	12.6	48.2	68.2	-20.0	Peak	Vertical
	11320.1	39.0	15.3	54.3	74.0	-19.7	Peak	Vertical
	11320.1	31.2	15.3	46.5	54.0	-7.5	Average	Vertical
*	12934.0	32.9	15.7	48.6	68.2	-19.6	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	2023-08-29~2023-08-30	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
	8310.0	34.6	9.3	43.9	74.0	-30.1	Peak	Horizontal
*	9899.5	35.5	12.5	48.0	68.2	-20.2	Peak	Horizontal
	11395.5	35.9	15.2	51.1	74.0	-22.9	Peak	Horizontal
*	13053.0	31.9	15.3	47.2	68.2	-21.0	Peak	Horizontal
	7536.5	34.5	10.1	44.6	74.0	-29.4	Peak	Vertical
*	8548.0	37.9	11.1	49.0	68.2	-19.2	Peak	Vertical
	11401.9	41.0	15.3	56.3	74.0	-17.7	Peak	Vertical
	11401.9	29.7	15.3	45.0	54.0	-9.0	Average	Vertical
*	13044.5	31.5	15.5	47.0	68.2	-21.2	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	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	11310.5	34.5	15.6	50.1	74.0	-23.9	Peak	Horizontal
*	13010.5	33.2	15.4	48.6	68.2	-19.6	Peak	Horizontal
	15781.0	37.1	16.0	53.1	74.0	-20.9	Peak	Horizontal
	15781.0	26.5	16.0	42.5	54.0	-11.5	Average	Horizontal
*	16495.5	32.4	16.2	48.6	68.2	-19.6	Peak	Horizontal
	8412.0	38.7	9.9	48.6	74.0	-25.4	Peak	Vertical
*	10469.0	35.5	14.1	49.6	68.2	-18.6	Peak	Vertical
	15779.8	37.0	16.0	53.0	74.0	-21.0	Peak	Vertical
	15779.8	26.1	16.0	42.1	54.0	-11.9	Average	Vertical
*	16844.0	31.8	18.1	49.9	68.2	-18.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + 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	2023-08-29~2023-08-30	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	11361.5	31.7	15.5	47.2	74.0	-26.8	Peak	Horizontal
*	13078.5	33.0	15.5	48.5	68.2	-19.7	Peak	Horizontal
	15904.1	39.1	16.5	55.6	74.0	-18.4	Peak	Horizontal
	15904.1	27.7	16.5	44.2	54.0	-9.8	Average	Horizontal
*	16504.0	32.4	16.0	48.4	68.2	-19.8	Peak	Horizontal
	8369.5	36.0	9.8	45.8	74.0	-28.2	Peak	Vertical
*	10596.5	37.2	13.8	51.0	68.2	-17.2	Peak	Vertical
	15904.2	42.3	16.5	58.8	74.0	-15.2	Peak	Vertical
	15904.2	29.1	16.5	45.6	54.0	-8.4	Average	Vertical
*	16402.0	31.9	16.3	48.2	68.2	-20.0	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 dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + 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	2023-08-29~2023-08-30	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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	11098.0	34.9	15.2	50.1	74.0	-23.9	Peak	Horizontal
*	12959.5	33.3	15.5	48.8	68.2	-19.4	Peak	Horizontal
	15965.1	37.4	15.3	52.7	74.0	-21.3	Peak	Horizontal
	15965.1	27.0	15.3	42.3	54.0	-11.7	Average	Horizontal
*	16521.0	33.0	17.8	50.8	68.2	-17.4	Peak	Horizontal
	11608.0	33.9	16.0	49.9	74.0	-24.1	Peak	Vertical
*	12891.5	33.0	15.0	48.0	68.2	-20.2	Peak	Vertical
	15964.7	37.3	15.3	52.6	74.0	-21.4	Peak	Vertical
	15964.7	28.0	15.3	43.3	54.0	-10.7	Average	Vertical
*	16521.0	32.6	17.8	50.4	68.2	-17.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + 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	2023-08-29~2023-08-30	Test Mode	802.11ac-VHT20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8242.0	35.0	9.0	44.0	74.0	-30.0	Peak	Horizontal
*	8735.0	34.3	12.2	46.5	68.2	-21.7	Peak	Horizontal
	10996.0	36.0	14.6	50.6	74.0	-23.4	Peak	Horizontal
*	12789.5	33.8	14.8	48.6	68.2	-19.6	Peak	Horizontal
	8250.5	39.9	9.0	48.9	74.0	-25.1	Peak	Vertical
*	9610.5	35.5	11.5	47.0	68.2	-21.2	Peak	Vertical
	11004.5	38.4	14.7	53.1	74.0	-20.9	Peak	Vertical
*	12840.5	33.7	14.9	48.6	68.2	-19.6	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	2023-08-29~2023-08-30	Test Mode	802.11ac-VHT20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8199.5	35.5	9.2	44.7	74.0	-29.3	Peak	Horizontal
*	10078.0	34.4	12.8	47.2	68.2	-21.0	Peak	Horizontal
	11166.0	35.9	15.5	51.4	74.0	-22.6	Peak	Horizontal
*	13019.0	32.0	15.4	47.4	68.2	-20.8	Peak	Horizontal
	8369.5	39.9	9.8	49.7	74.0	-24.3	Peak	Vertical
*	9789.0	36.0	12.3	48.3	68.2	-19.9	Peak	Vertical
	11159.9	37.3	15.5	52.8	74.0	-21.2	Peak	Vertical
	11159.9	28.7	15.5	44.2	54.0	-9.8	Average	Vertical
*	12874.5	32.4	15.3	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	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	Test Mode	802.11ac-VHT20 – 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 (dB μ V)	Factor (dB/m)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB/m)	Detector	Polarization
	8446.0	35.6	10.5	46.1	74.0	-27.9	Peak	Horizontal
*	9814.5	35.9	12.5	48.4	68.2	-19.8	Peak	Horizontal
	11319.0	37.3	15.3	52.6	74.0	-21.4	Peak	Horizontal
*	13087.0	32.5	15.2	47.7	68.2	-20.5	Peak	Horizontal
	8488.5	38.1	10.6	48.7	74.0	-25.3	Peak	Vertical
*	9772.0	34.4	12.3	46.7	68.2	-21.5	Peak	Vertical
	11321.0	38.8	15.3	54.1	74.0	-19.9	Peak	Vertical
	11321.0	29.4	15.3	44.7	54.0	-9.3	Average	Vertical
*	12849.0	33.1	15.0	48.1	68.2	-20.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + 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	2023-08-29~2023-08-30	Test Mode	802.11ac-VHT20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8344.0	36.0	9.6	45.6	74.0	-28.4	Peak	Horizontal
*	9729.5	36.9	12.1	49.0	68.2	-19.2	Peak	Horizontal
	11395.5	37.3	15.2	52.5	74.0	-21.5	Peak	Horizontal
*	13027.5	32.0	15.6	47.6	68.2	-20.6	Peak	Horizontal
	8242.0	34.6	9.0	43.6	74.0	-30.4	Peak	Vertical
*	8548.0	38.6	11.1	49.7	68.2	-18.5	Peak	Vertical
	11403.4	40.2	15.3	55.5	74.0	-18.5	Peak	Vertical
	11403.4	28.7	15.3	44.0	54.0	-10.0	Average	Vertical
*	12959.5	32.3	15.5	47.8	68.2	-20.4	Peak	Vertical

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

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

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