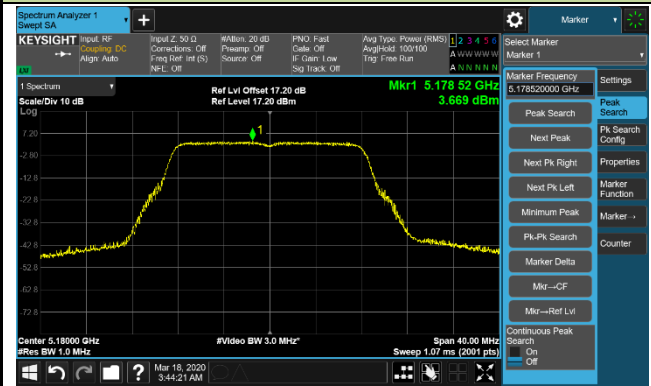


802.11a Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

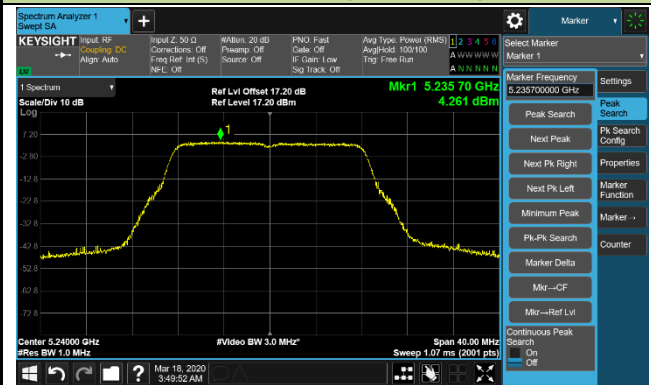
Channel 36 (5180MHz)



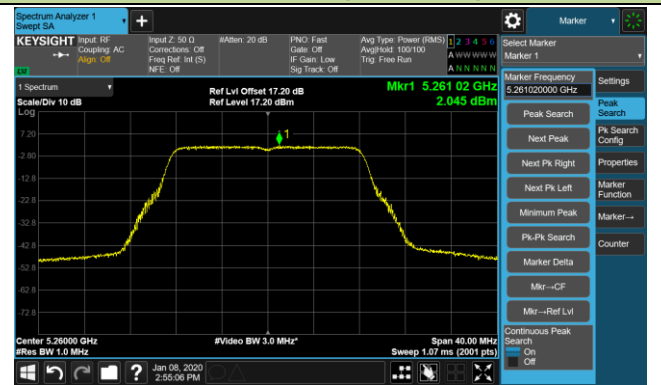
Channel 44 (5220MHz)



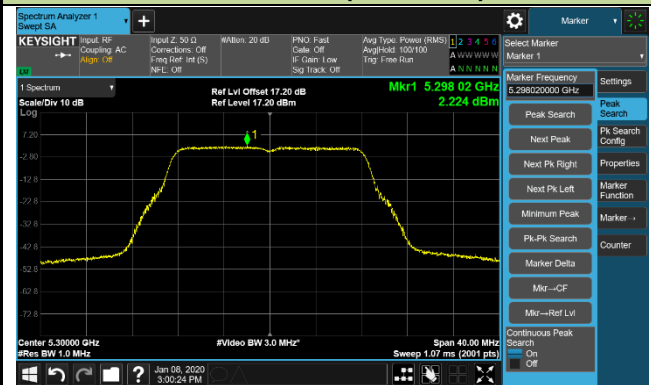
Channel 48 (5240MHz)



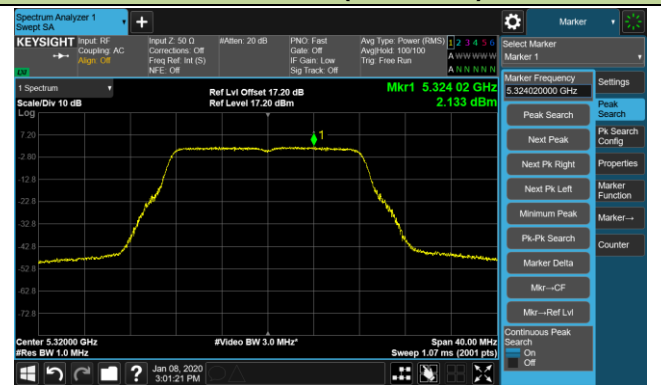
Channel 52 (5260MHz)



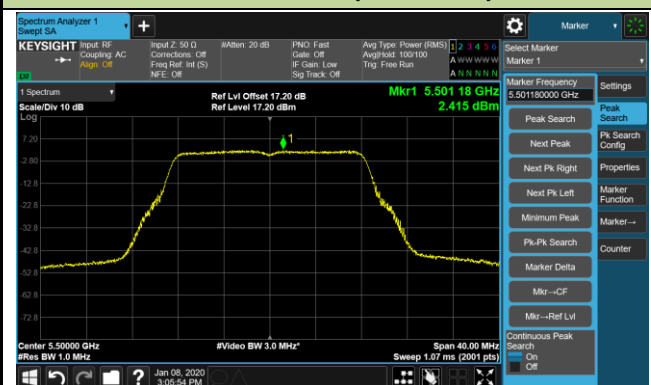
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 120 (5600MHz)

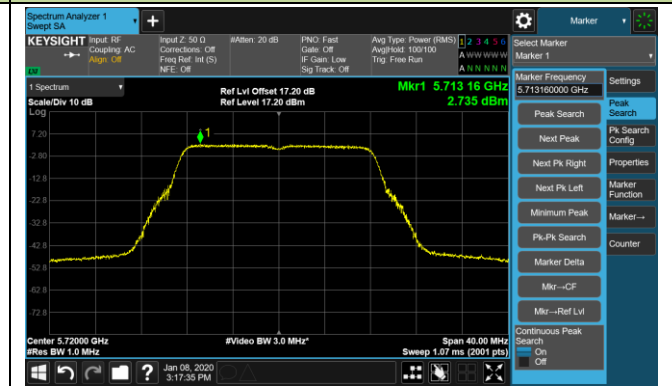


802.11a Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

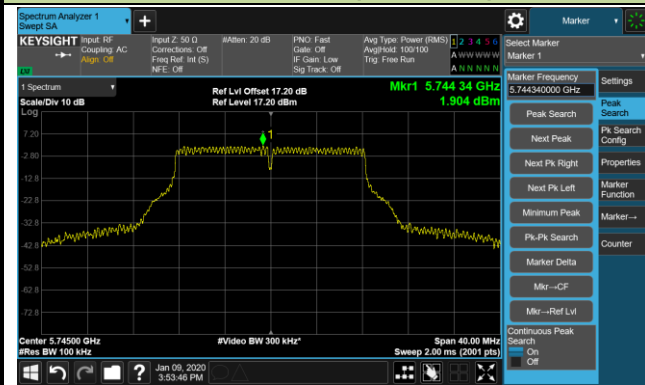
Channel 140 (5700MHz)



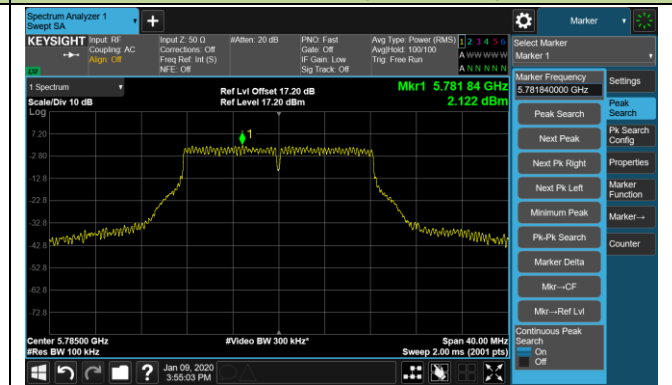
Channel 144 (5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)

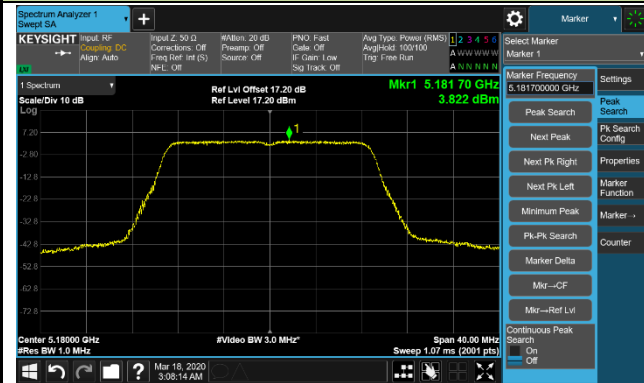


Channel 165 (5825MHz)

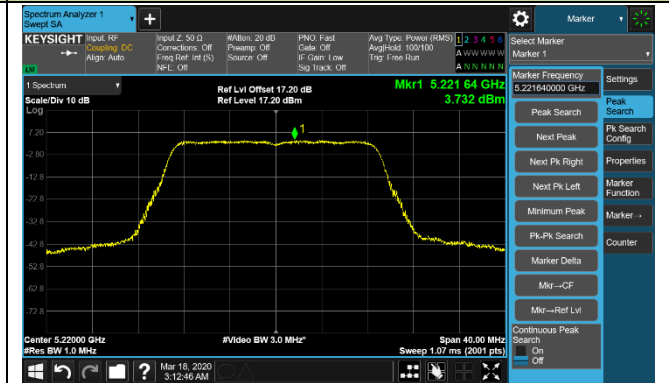


802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

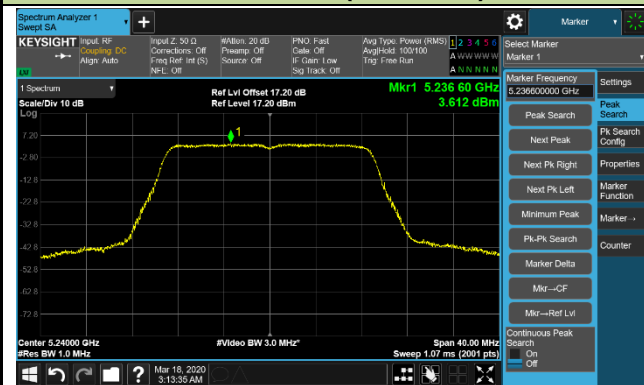
Channel 36 (5180MHz)



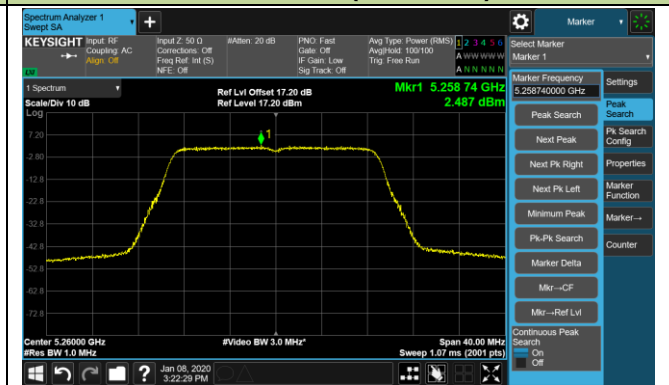
Channel 44 (5220MHz)



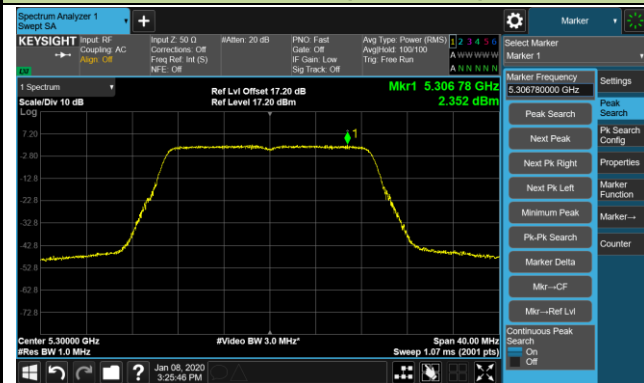
Channel 48 (5240MHz)



Channel 52 (5260MHz)



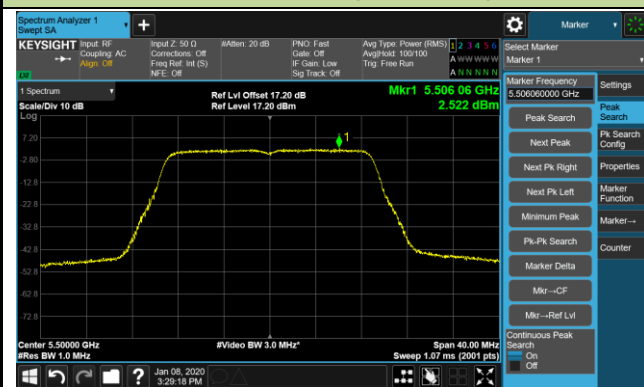
Channel 60 (5300MHz)



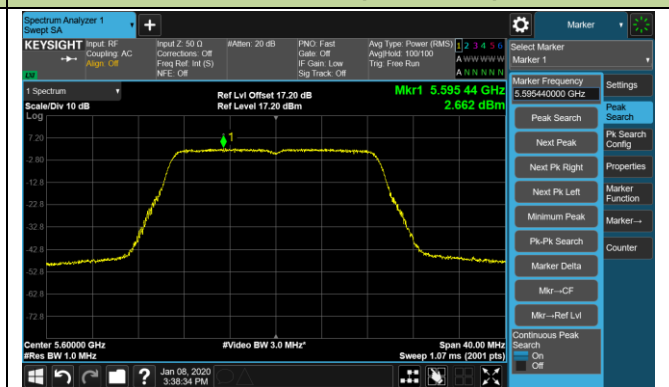
Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 120 (5600MHz)



802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

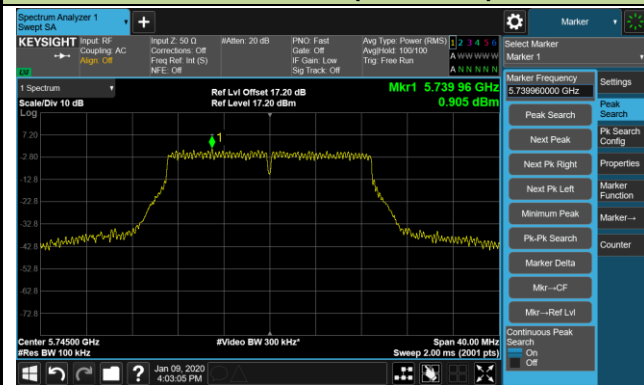
Channel 140 (5700MHz)



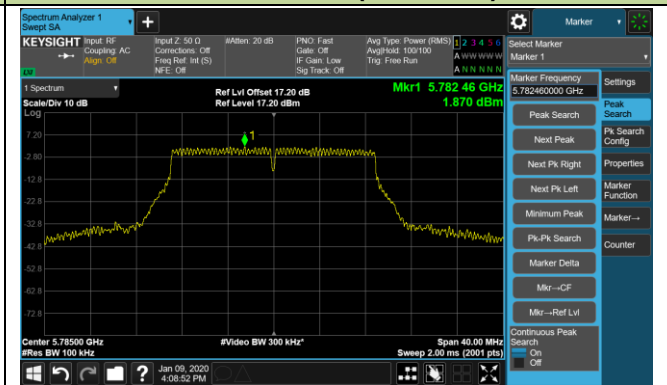
Channel 144 (5720MHz)



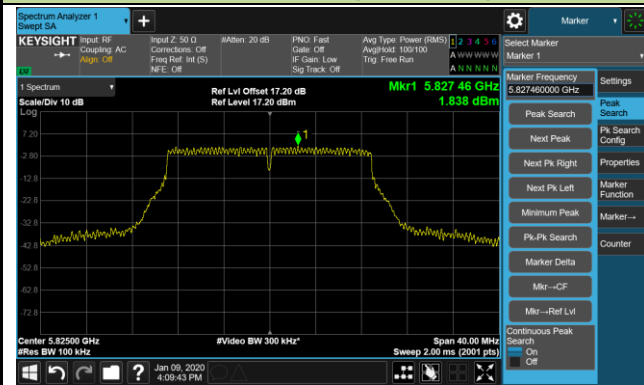
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

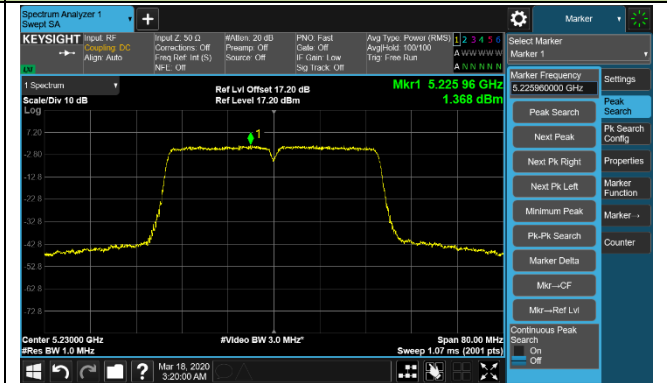


802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

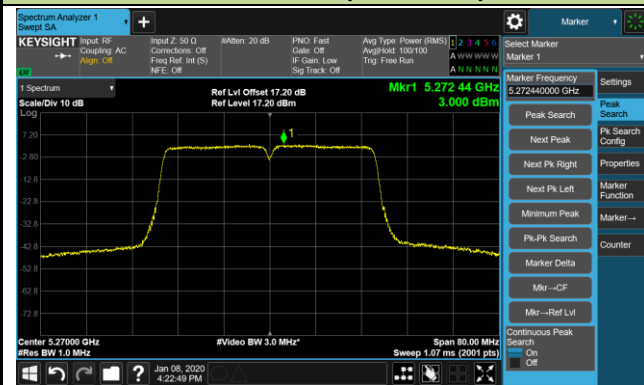
Channel 38 (5190MHz)



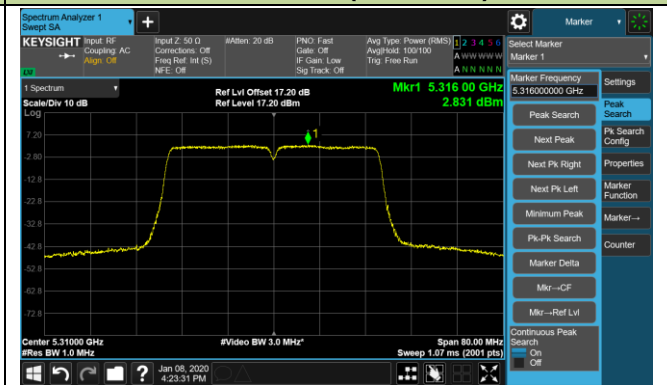
Channel 46 (5230MHz)



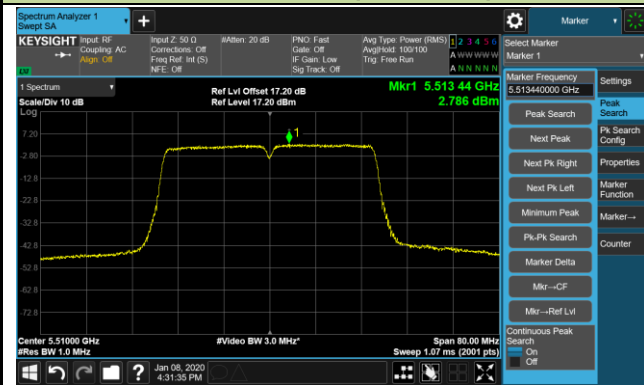
Channel 54 (5270MHz)



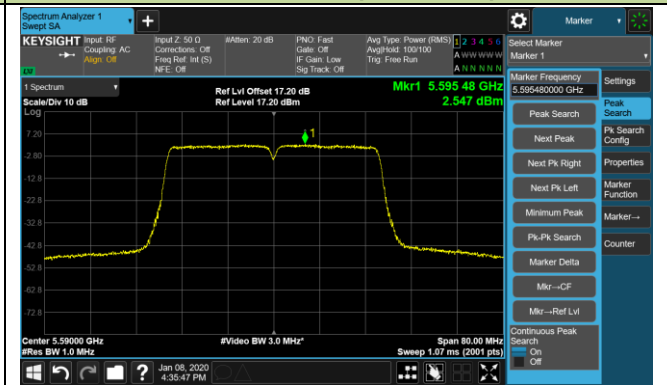
Channel 62 (5310MHz)



Channel 102 (5510MHz)

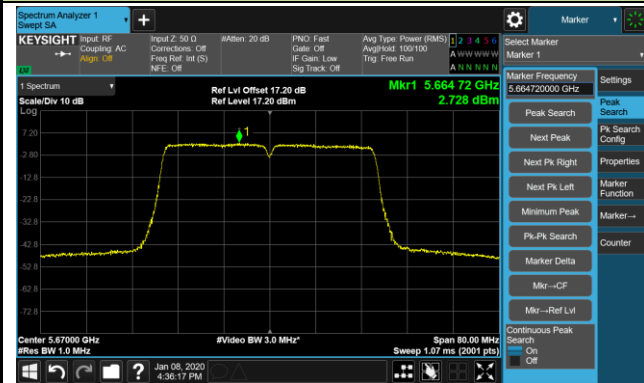


Channel 118 (5590MHz)

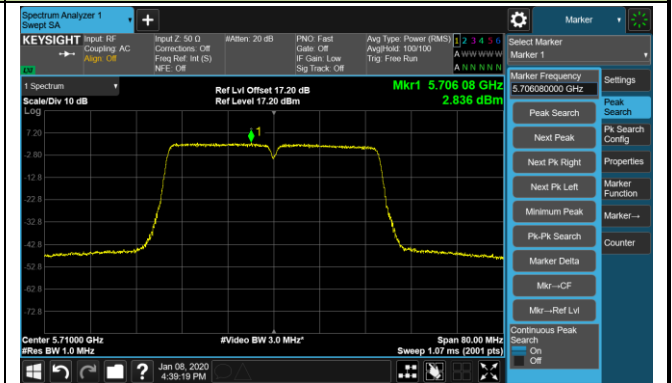


802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

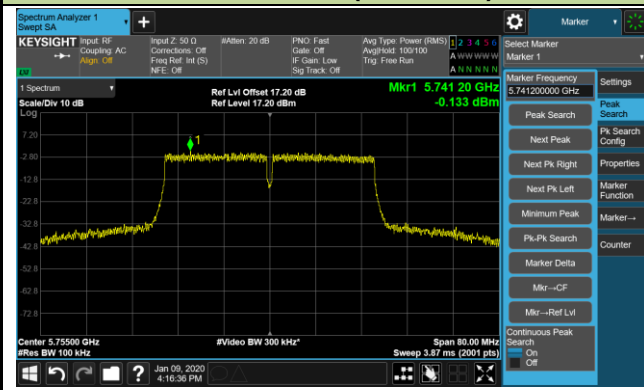
Channel 134 (5670MHz)



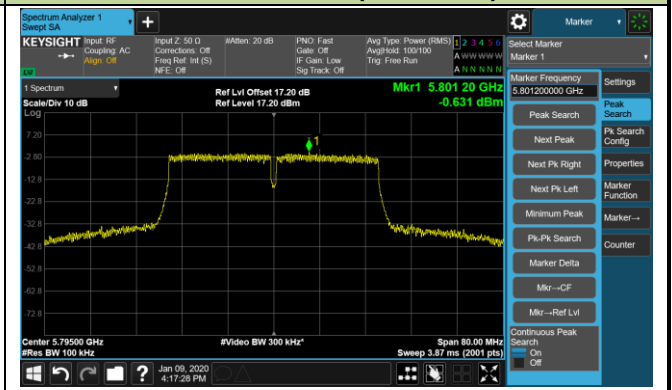
Channel 142 (5710MHz)



Channel 151 (5755MHz)

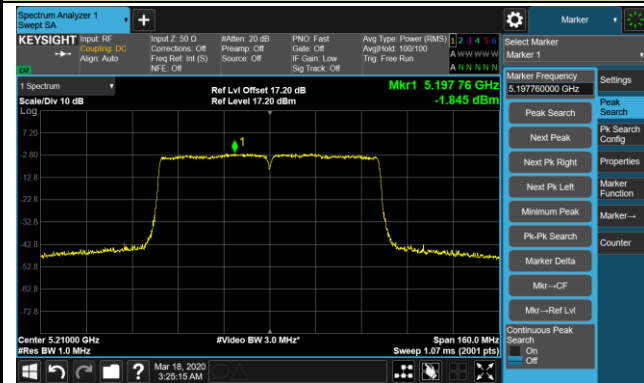


Channel 159 (5795MHz)

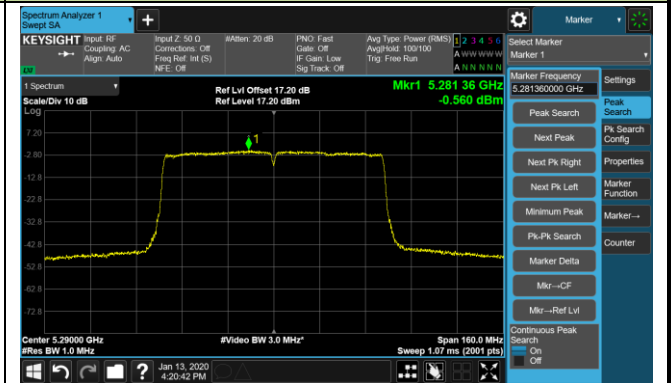


802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

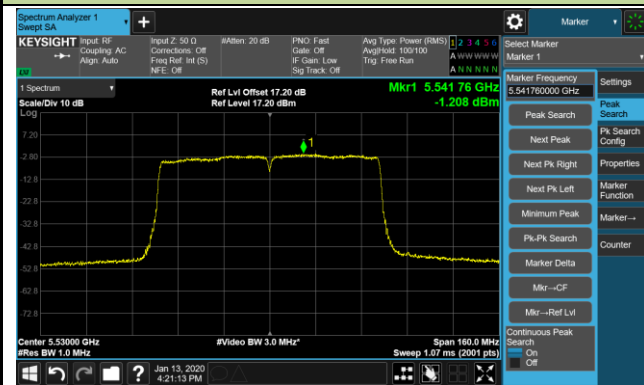
Channel 42 (5210MHz)



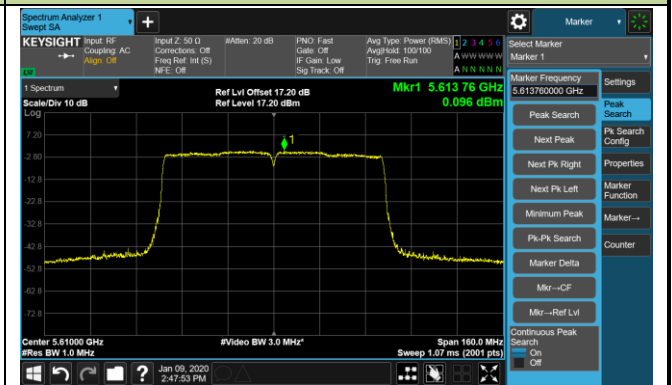
Channel 58 (5290MHz)



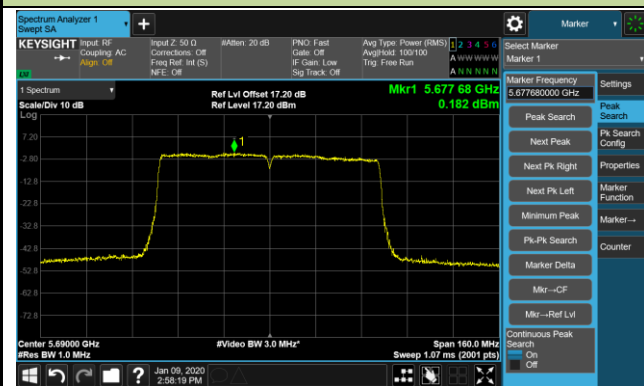
Channel 106 (5530MHz)



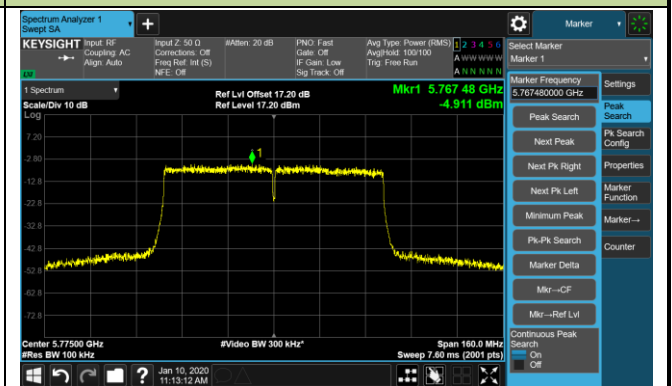
Channel 122 (5610MHz)



Channel 138 (5690MHz)



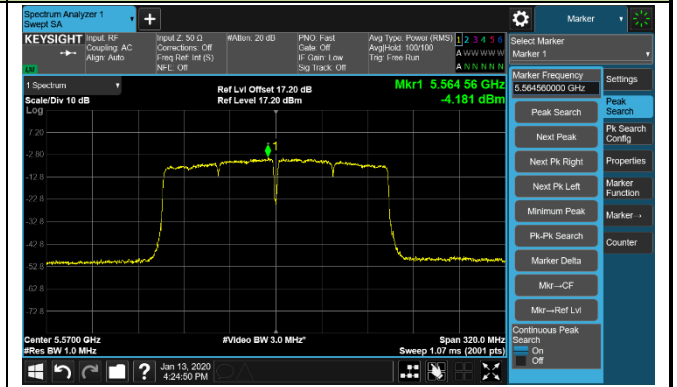
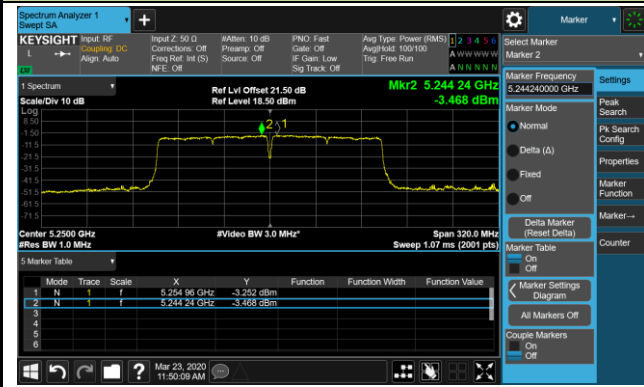
Channel 155 (5775MHz)



802.11ac-VHT160 Power Spectral Density - Ant 3 / Ant 0 + 1 (Ant 0 + 1 + 2 + 3)

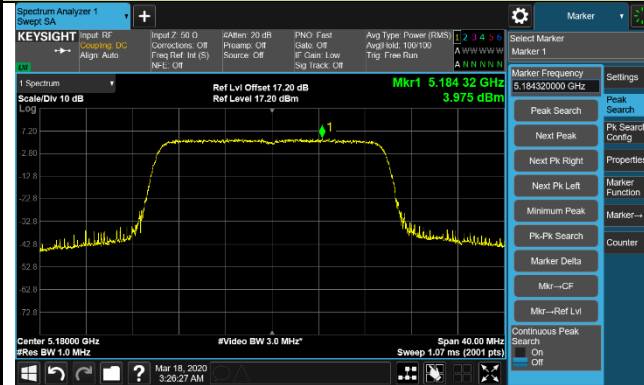
Channel 50 (5250MHz)

Channel 114 (5570MHz)

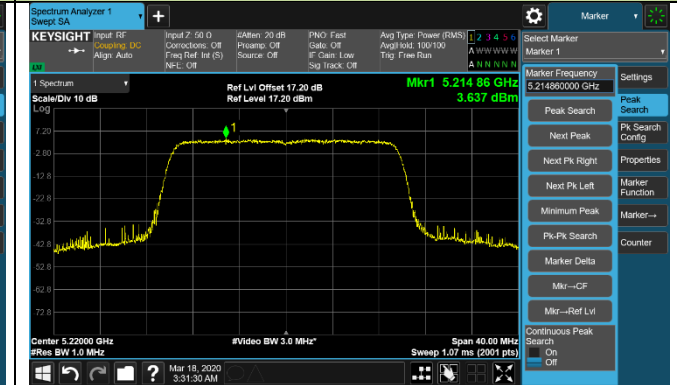


802.11ax-HE20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

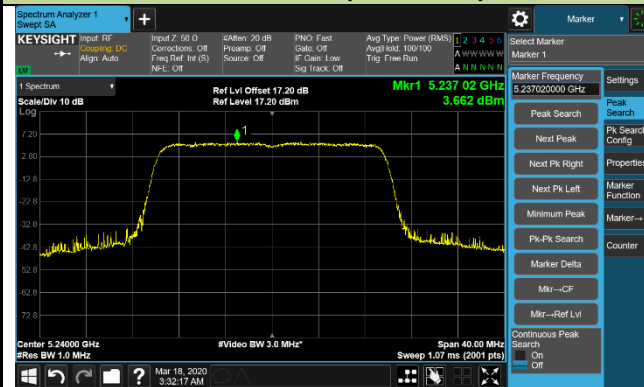
Channel 36 (5180MHz)



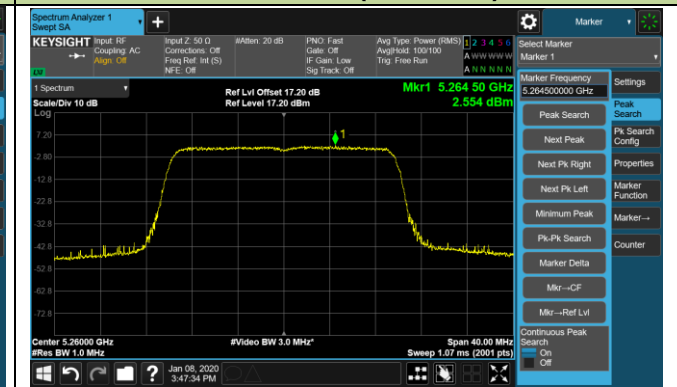
Channel 44 (5220MHz)



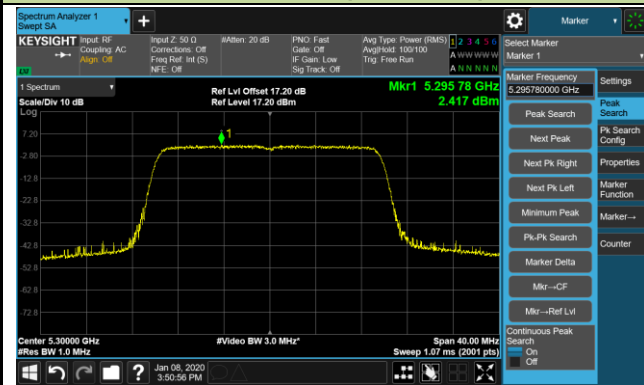
Channel 48 (5240MHz)



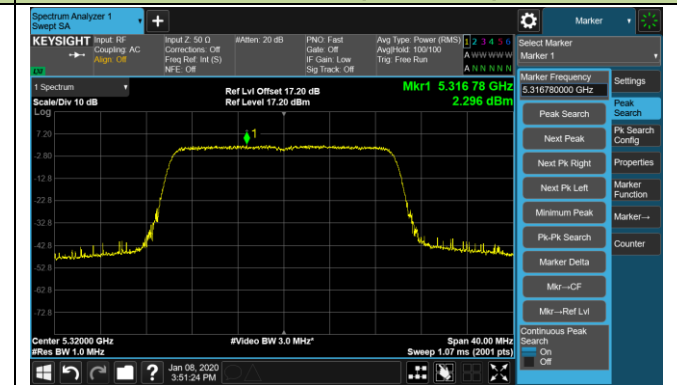
Channel 52 (5260MHz)



Channel 60 (5300MHz)



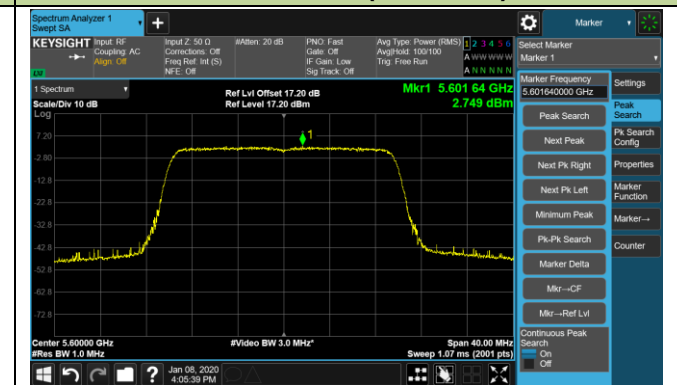
Channel 64 (5320MHz)



Channel 100 (5500MHz)

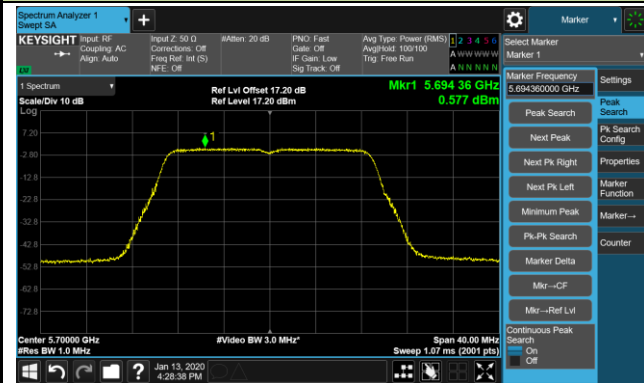


Channel 120 (5600MHz)

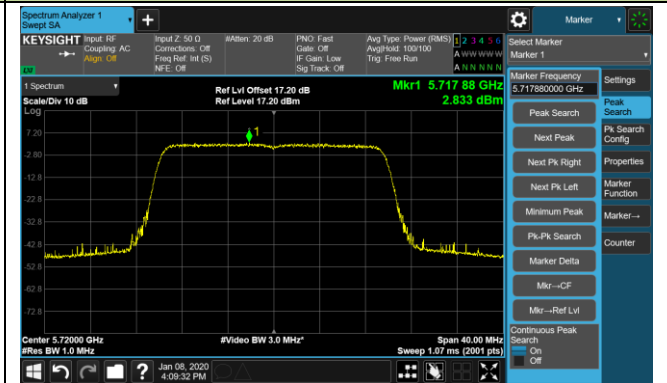


802.11ax-HE20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

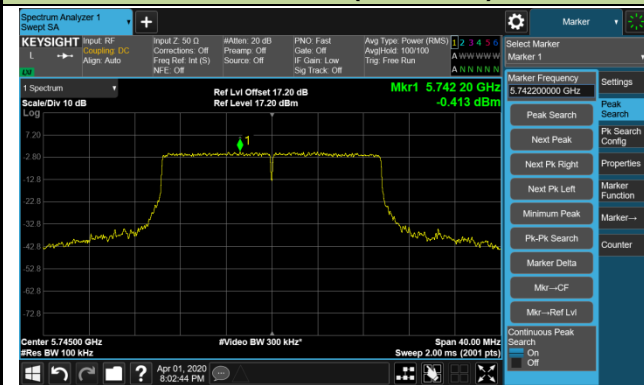
Channel 140 (5700MHz)



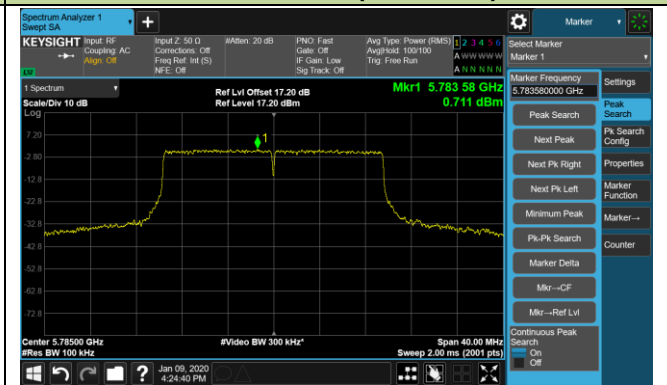
Channel 144 (5720MHz)



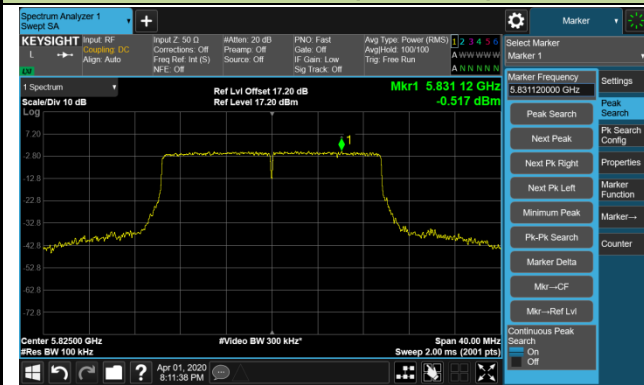
Channel 149 (5745MHz)



Channel 157 (5785MHz)

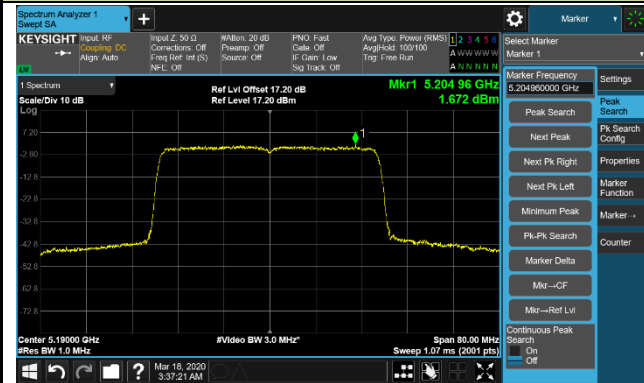


Channel 165 (5825MHz)

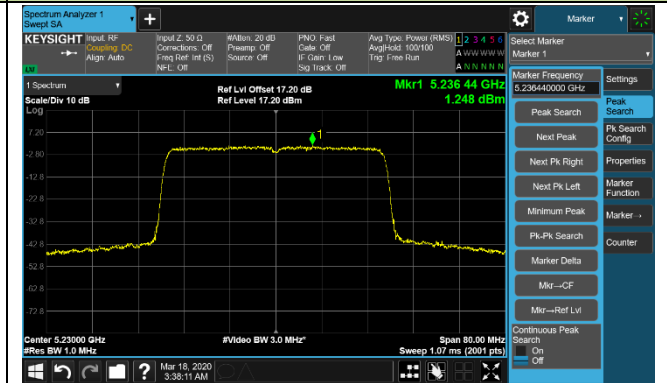


802.11ax-HE40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

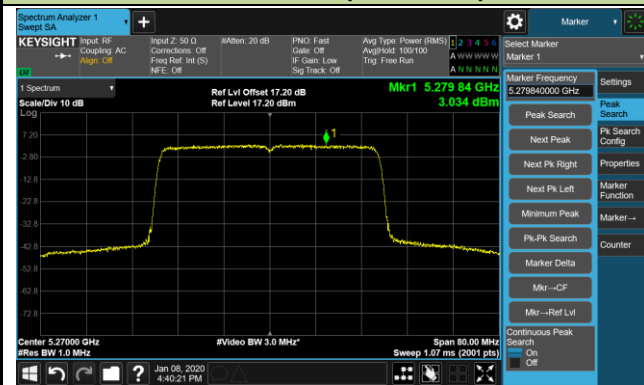
Channel 38 (5190MHz)



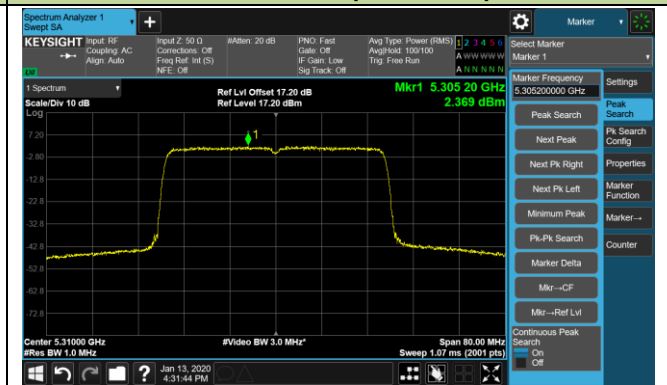
Channel 46 (5230MHz)



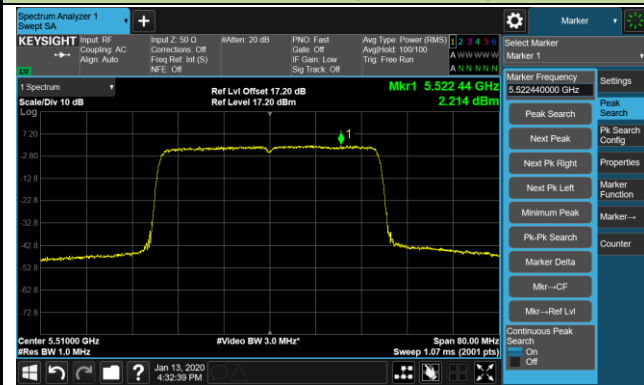
Channel 54 (5270MHz)



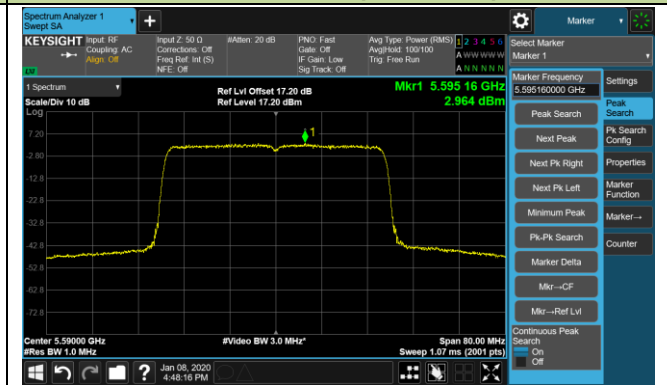
Channel 62 (5310MHz)



Channel 102 (5510MHz)

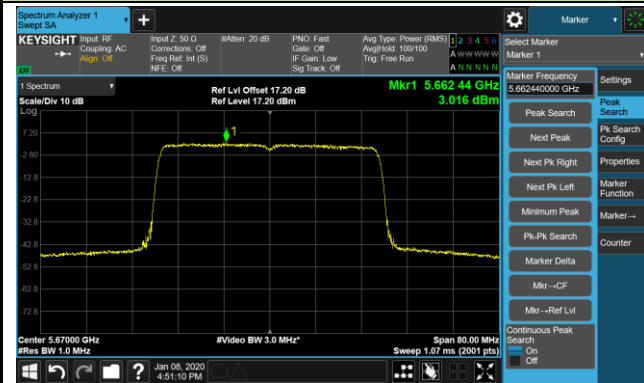


Channel 118 (5590MHz)

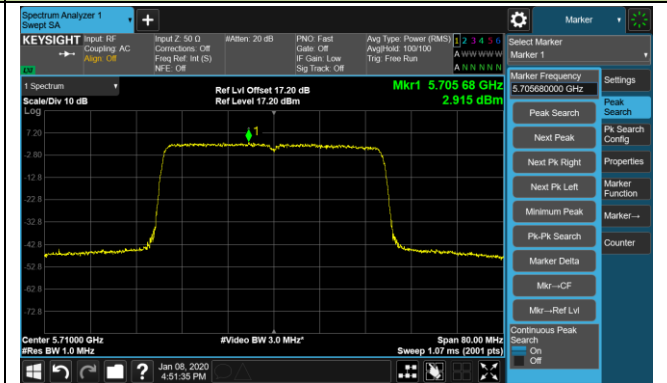


802.11ax-HE40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

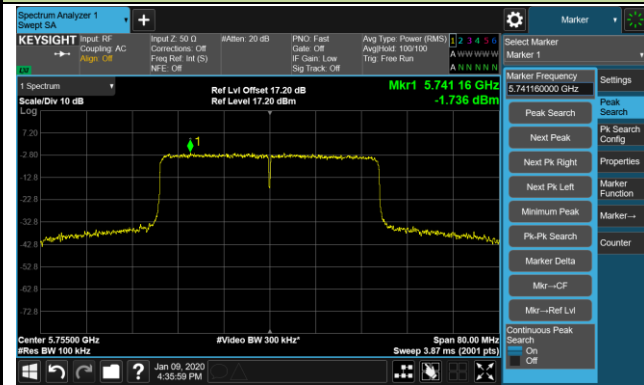
Channel 134 (5670MHz)



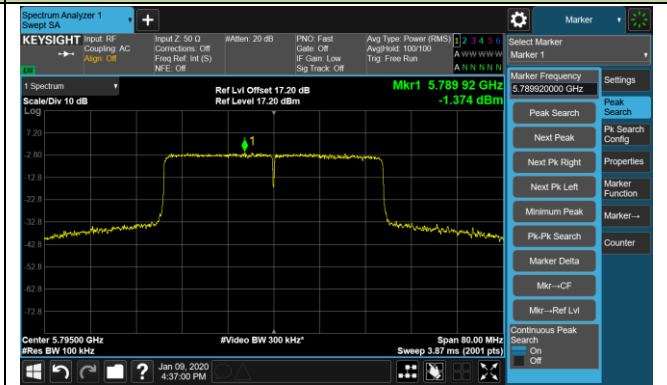
Channel 142 (5710MHz)



Channel 151 (5755MHz)

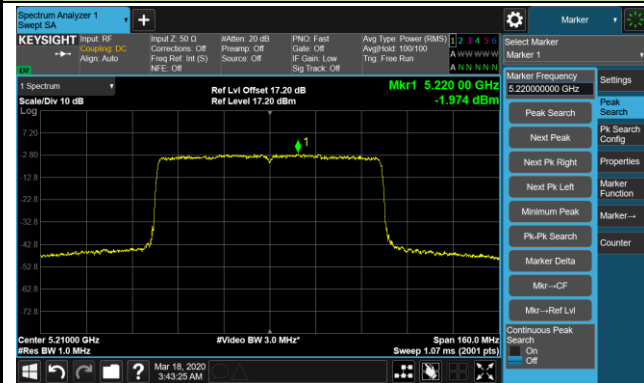


Channel 159 (5795MHz)

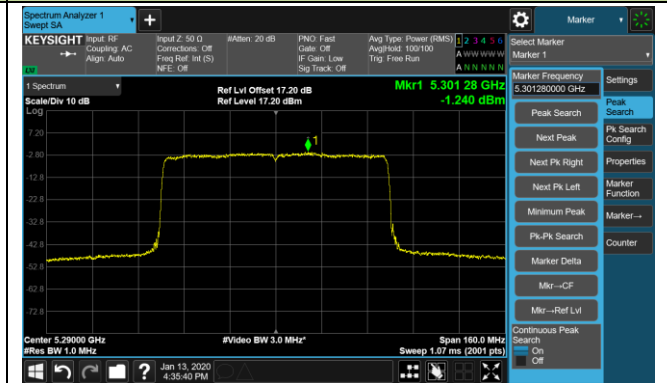


802.11ax-HE80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

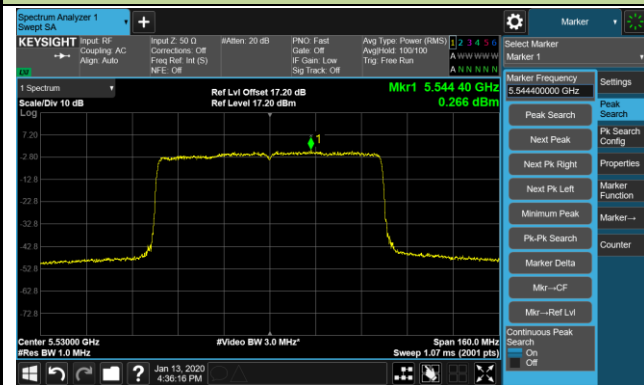
Channel 42 (5210MHz)



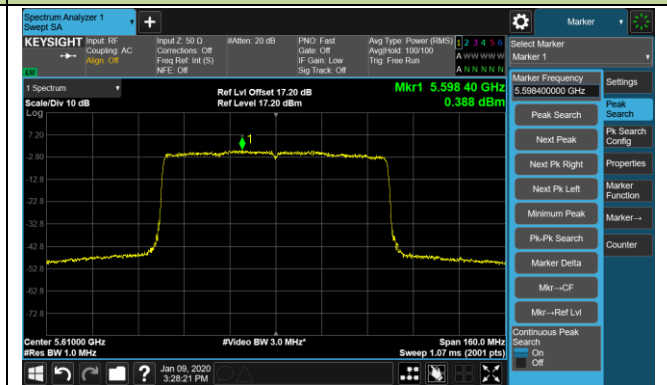
Channel 58 (5290MHz)



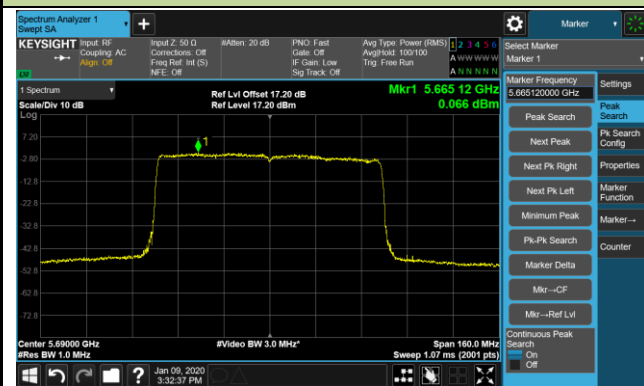
Channel 106 (5530MHz)



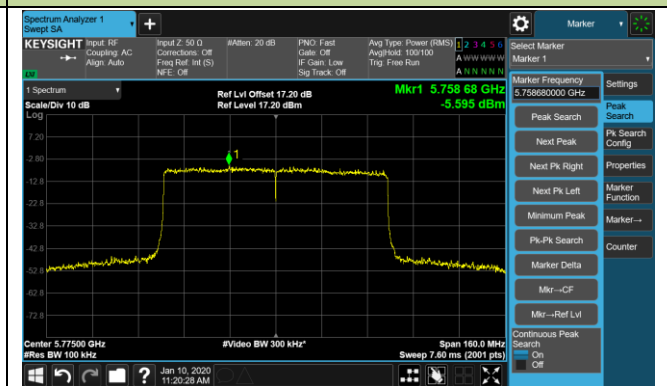
Channel 122 (5610MHz)



Channel 138 (5690MHz)

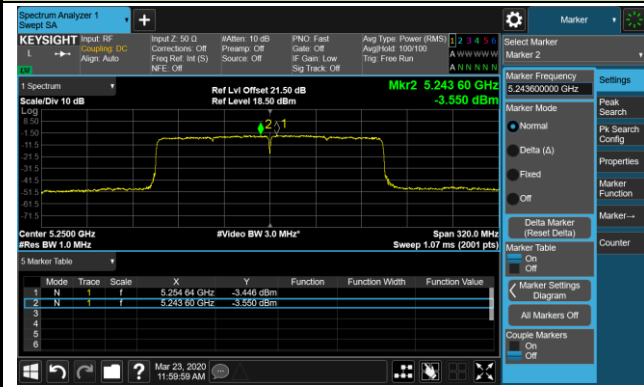


Channel 155 (5775MHz)

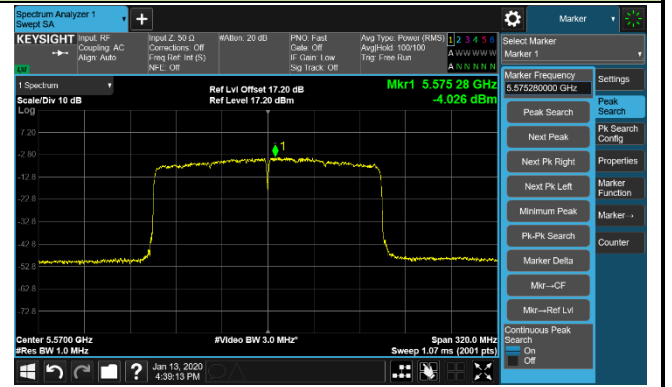


802.11ax-HE160 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

Channel 50 (5250MHz)



Channel 114 (5570MHz)



3. Radiated Spurious Emission Measurement Test Result

Antenna Model: ANT-2x2-5005

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	33.0	11.7	44.7	54.0	-9.3	Peak	Horizontal
	8233.5	32.8	12.3	45.1	54.0	-8.9	Peak	Horizontal
*	9772.0	33.5	14.5	48.0	68.2	-20.2	Peak	Horizontal
*	10367.0	31.6	16.4	48.0	68.2	-20.2	Peak	Horizontal
	7604.5	32.5	11.8	44.3	54.0	-9.7	Peak	Vertical
	8242.0	32.9	12.3	45.2	54.0	-8.8	Peak	Vertical
*	9721.0	33.1	14.3	47.4	68.2	-20.8	Peak	Vertical
*	10214.0	33.1	15.9	49.0	68.2	-19.2	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.0	11.8	44.8	54.0	-9.2	Peak	Horizontal
	8191.0	31.6	12.3	43.9	54.0	-10.1	Peak	Horizontal
*	9729.5	32.4	14.4	46.8	68.2	-21.4	Peak	Horizontal
*	10282.0	31.6	16.2	47.8	68.2	-20.4	Peak	Horizontal
	7375.0	32.7	11.4	44.1	54.0	-9.9	Peak	Vertical
	8259.0	33.0	12.3	45.3	54.0	-8.7	Peak	Vertical
*	9755.0	32.8	14.5	47.3	68.2	-20.9	Peak	Vertical
*	10350.0	31.9	16.4	48.3	68.2	-19.9	Peak	Vertical

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

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

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	34.5	11.8	46.3	54.0	-7.7	Peak	Horizontal
	8165.5	32.9	12.3	45.2	54.0	-8.8	Peak	Horizontal
*	9695.5	33.4	14.3	47.7	68.2	-20.5	Peak	Horizontal
*	10222.5	31.7	16.0	47.7	68.2	-20.5	Peak	Horizontal
	7349.5	32.1	11.4	43.5	54.0	-10.5	Peak	Vertical
	8140.0	31.9	12.3	44.2	54.0	-9.8	Peak	Vertical
*	9729.5	32.0	14.4	46.4	68.2	-21.8	Peak	Vertical
*	10273.5	31.6	16.1	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	32.3	11.3	43.6	54.0	-10.4	Peak	Horizontal
	8276.0	32.6	12.4	45.0	54.0	-9.0	Peak	Horizontal
*	9704.0	33.2	14.3	47.5	68.2	-20.7	Peak	Horizontal
*	10299.0	32.1	16.2	48.3	68.2	-19.9	Peak	Horizontal
	7621.5	33.1	11.8	44.9	54.0	-9.1	Peak	Vertical
	8352.5	31.4	12.4	43.8	54.0	-10.2	Peak	Vertical
*	9899.5	31.7	14.9	46.6	68.2	-21.6	Peak	Vertical
*	10265.0	32.1	16.1	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 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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	33.2	11.7	44.9	54.0	-9.1	Peak	Horizontal
	8208.0	32.7	12.3	45.0	54.0	-9.0	Peak	Horizontal
*	9636.0	32.7	14.1	46.8	68.2	-21.4	Peak	Horizontal
*	10171.5	31.8	15.8	47.6	68.2	-20.6	Peak	Horizontal
	7434.5	33.3	11.6	44.9	54.0	-9.1	Peak	Vertical
	8199.5	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
*	9636.0	32.8	14.1	46.9	68.2	-21.3	Peak	Vertical
*	10120.5	32.0	15.6	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596.0	33.1	11.8	44.9	54.0	-9.1	Peak	Horizontal
	8097.5	32.8	12.3	45.1	54.0	-8.9	Peak	Horizontal
*	8522.5	32.6	12.5	45.1	68.2	-23.1	Peak	Horizontal
*	10214.0	32.1	15.9	48.0	68.2	-20.2	Peak	Horizontal
	7613.0	32.7	11.8	44.5	54.0	-9.5	Peak	Vertical
	8310.0	31.4	12.4	43.8	54.0	-10.2	Peak	Vertical
*	9721.0	33.7	14.3	48.0	68.2	-20.2	Peak	Vertical
*	10265.0	32.2	16.1	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	32.7	11.8	44.5	54.0	-9.5	Peak	Horizontal
	8284.5	31.8	12.4	44.2	54.0	-9.8	Peak	Horizontal
*	9695.5	32.9	14.3	47.2	68.2	-21.0	Peak	Horizontal
*	10307.5	32.5	16.3	48.8	68.2	-19.4	Peak	Horizontal
	7400.5	31.5	11.5	43.0	54.0	-11.0	Peak	Vertical
	8242.0	32.8	12.3	45.1	54.0	-8.9	Peak	Vertical
*	9746.5	34.2	14.4	48.6	68.2	-19.6	Peak	Vertical
*	10273.5	32.2	16.1	48.3	68.2	-19.9	Peak	Vertical

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

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

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	120
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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.7	11.6	44.3	54.0	-9.7	Peak	Horizontal
	8114.5	33.7	12.3	46.0	54.0	-8.0	Peak	Horizontal
*	9687.0	32.1	14.2	46.3	68.2	-21.9	Peak	Horizontal
*	10273.5	31.3	16.1	47.4	68.2	-20.8	Peak	Horizontal
	7375.0	32.8	11.4	44.2	54.0	-9.8	Peak	Vertical
	8488.5	33.3	12.5	45.8	54.0	-8.2	Peak	Vertical
*	9661.5	32.2	14.2	46.4	68.2	-21.8	Peak	Vertical
*	10188.5	31.1	15.9	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	32.0	11.8	43.8	54.0	-10.2	Peak	Horizontal
	8199.5	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	10120.5	31.6	15.6	47.2	68.2	-21.0	Peak	Horizontal
*	10350.0	32.1	16.4	48.5	68.2	-19.7	Peak	Horizontal
	7553.5	34.0	11.8	45.8	54.0	-8.2	Peak	Vertical
	8250.5	33.3	12.3	45.6	54.0	-8.4	Peak	Vertical
*	9687.0	33.3	14.2	47.5	68.2	-20.7	Peak	Vertical
*	10460.5	32.1	16.7	48.8	68.2	-19.4	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	32.9	11.8	44.7	54.0	-9.3	Peak	Horizontal
	8225.0	32.6	12.3	44.9	54.0	-9.1	Peak	Horizontal
*	9661.5	32.4	14.2	46.6	68.2	-21.6	Peak	Horizontal
*	10205.5	30.9	15.9	46.8	68.2	-21.4	Peak	Horizontal
	7587.5	33.6	11.8	45.4	54.0	-8.6	Peak	Vertical
	8225.0	32.6	12.3	44.9	54.0	-9.1	Peak	Vertical
*	9831.5	32.7	14.7	47.4	68.2	-20.8	Peak	Vertical
*	10188.5	31.8	15.9	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	31.5	11.8	43.3	54.0	-10.7	Peak	Horizontal
	8131.5	31.1	12.3	43.4	54.0	-10.6	Peak	Horizontal
*	9814.5	31.7	14.7	46.4	68.2	-21.8	Peak	Horizontal
*	10316.0	32.0	16.3	48.3	68.2	-19.9	Peak	Horizontal
	7519.5	32.8	11.7	44.5	54.0	-9.5	Peak	Vertical
	8225.0	34.5	12.3	46.8	54.0	-7.2	Peak	Vertical
*	9814.5	32.2	14.7	46.9	68.2	-21.3	Peak	Vertical
*	10282.0	32.5	16.2	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	32.3	11.9	44.2	54.0	-9.8	Peak	Horizontal
	8250.5	32.6	12.3	44.9	54.0	-9.1	Peak	Horizontal
*	9823.0	32.2	14.7	46.9	68.2	-21.3	Peak	Horizontal
*	10129.0	31.3	15.7	47.0	68.2	-21.2	Peak	Horizontal
	7502.5	32.1	11.7	43.8	54.0	-10.2	Peak	Vertical
	8310.0	33.0	12.4	45.4	54.0	-8.6	Peak	Vertical
*	9551.0	33.1	13.8	46.9	68.2	-21.3	Peak	Vertical
*	10112.0	31.9	15.6	47.5	68.2	-20.7	Peak	Vertical

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

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

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.0	11.7	43.7	54.0	-10.3	Peak	Horizontal
	8267.5	32.8	12.4	45.2	54.0	-8.8	Peak	Horizontal
*	9687.0	32.9	14.2	47.1	68.2	-21.1	Peak	Horizontal
*	10214.0	32.3	15.9	48.2	68.2	-20.0	Peak	Horizontal
	7451.5	33.3	11.6	44.9	54.0	-9.1	Peak	Vertical
	8089.0	32.2	12.3	44.5	54.0	-9.5	Peak	Vertical
*	9899.5	31.9	14.9	46.8	68.2	-21.4	Peak	Vertical
*	10316.0	31.2	16.3	47.5	68.2	-20.7	Peak	Vertical

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

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

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.1	11.8	44.9	54.0	-9.1	Peak	Horizontal
	8242.0	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
*	9993.0	32.2	15.2	47.4	68.2	-20.8	Peak	Horizontal
*	10299.0	32.2	16.2	48.4	68.2	-19.8	Peak	Horizontal
	7434.5	31.9	11.6	43.5	54.0	-10.5	Peak	Vertical
	8233.5	33.0	12.3	45.3	54.0	-8.7	Peak	Vertical
*	9763.5	33.3	14.5	47.8	68.2	-20.4	Peak	Vertical
*	10324.5	32.0	16.3	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	31.7	11.8	43.5	54.0	-10.5	Peak	Horizontal
	8293.0	32.8	12.4	45.2	54.0	-8.8	Peak	Horizontal
*	9772.0	32.8	14.5	47.3	68.2	-20.9	Peak	Horizontal
*	10443.5	31.0	16.7	47.7	68.2	-20.5	Peak	Horizontal
	7681.0	32.6	11.9	44.5	54.0	-9.5	Peak	Vertical
	8497.0	32.2	12.5	44.7	54.0	-9.3	Peak	Vertical
*	9695.5	32.3	14.3	46.6	68.2	-21.6	Peak	Vertical
*	10265.0	32.3	16.1	48.4	68.2	-19.8	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	33.0	11.5	44.5	54.0	-9.5	Peak	Horizontal
	8242.0	32.6	12.3	44.9	54.0	-9.1	Peak	Horizontal
*	9704.0	32.9	14.3	47.2	68.2	-21.0	Peak	Horizontal
*	10214.0	31.9	15.9	47.8	68.2	-20.4	Peak	Horizontal
	7545.0	32.2	11.8	44.0	54.0	-10.0	Peak	Vertical
	8259.0	33.1	12.3	45.4	54.0	-8.6	Peak	Vertical
*	9636.0	33.9	14.1	48.0	68.2	-20.2	Peak	Vertical
*	10248.0	32.7	16.1	48.8	68.2	-19.4	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	32.2	11.9	44.1	54.0	-9.9	Peak	Horizontal
	8233.5	33.0	12.3	45.3	54.0	-8.7	Peak	Horizontal
*	9772.0	32.2	14.5	46.7	68.2	-21.5	Peak	Horizontal
*	10316.0	32.0	16.3	48.3	68.2	-19.9	Peak	Horizontal
	7528.0	32.2	11.7	43.9	54.0	-10.1	Peak	Vertical
	8140.0	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
*	8505.5	33.0	12.5	45.5	68.2	-22.7	Peak	Vertical
*	9899.5	31.9	14.9	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	31.9	11.8	43.7	54.0	-10.3	Peak	Horizontal
	8242.0	32.6	12.3	44.9	54.0	-9.1	Peak	Horizontal
*	9695.5	31.6	14.3	45.9	68.2	-22.3	Peak	Horizontal
*	10171.5	31.3	15.8	47.1	68.2	-21.1	Peak	Horizontal
	7638.5	31.7	11.9	43.6	54.0	-10.4	Peak	Vertical
	8250.5	32.2	12.3	44.5	54.0	-9.5	Peak	Vertical
*	9993.0	31.6	15.2	46.8	68.2	-21.4	Peak	Vertical
*	10511.5	31.4	16.9	48.3	68.2	-19.9	Peak	Vertical

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

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

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.5	11.7	44.2	54.0	-9.8	Peak	Horizontal
	8250.5	34.0	12.3	46.3	54.0	-7.7	Peak	Horizontal
*	9721.0	32.4	14.3	46.7	68.2	-21.5	Peak	Horizontal
*	10265.0	32.0	16.1	48.1	68.2	-20.1	Peak	Horizontal
	7502.5	31.9	11.7	43.6	54.0	-10.4	Peak	Vertical
	8352.5	32.6	12.4	45.0	54.0	-9.0	Peak	Vertical
*	10069.5	31.2	15.5	46.7	68.2	-21.5	Peak	Vertical
*	10562.5	31.8	17.0	48.8	68.2	-19.4	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	32.2	11.6	43.8	54.0	-10.2	Peak	Horizontal
	8242.0	32.5	12.3	44.8	54.0	-9.2	Peak	Horizontal
*	9984.5	32.1	15.2	47.3	68.2	-20.9	Peak	Horizontal
*	10341.5	30.7	16.4	47.1	68.2	-21.1	Peak	Horizontal
	7443.0	33.1	11.6	44.7	54.0	-9.3	Peak	Vertical
	8174.0	32.6	12.3	44.9	54.0	-9.1	Peak	Vertical
*	9950.5	31.5	15.1	46.6	68.2	-21.6	Peak	Vertical
*	10350.0	31.1	16.4	47.5	68.2	-20.7	Peak	Vertical

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

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

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	120
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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	32.5	11.8	44.3	54.0	-9.7	Peak	Horizontal
	8233.5	34.0	12.3	46.3	54.0	-7.7	Peak	Horizontal
*	9755.0	33.8	14.5	48.3	68.2	-19.9	Peak	Horizontal
*	10358.5	32.0	16.4	48.4	68.2	-19.8	Peak	Horizontal
	7528.0	33.9	11.7	45.6	54.0	-8.4	Peak	Vertical
	8157.0	31.6	12.3	43.9	54.0	-10.1	Peak	Vertical
*	9729.5	32.2	14.4	46.6	68.2	-21.6	Peak	Vertical
*	10358.5	32.0	16.4	48.4	68.2	-19.8	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	32.7	11.6	44.3	54.0	-9.7	Peak	Horizontal
	8063.5	32.7	12.3	45.0	54.0	-9.0	Peak	Horizontal
*	9755.0	33.5	14.5	48.0	68.2	-20.2	Peak	Horizontal
*	10307.5	31.1	16.3	47.4	68.2	-20.8	Peak	Horizontal
	7570.5	32.4	11.8	44.2	54.0	-9.8	Peak	Vertical
	8267.5	33.3	12.4	45.7	54.0	-8.3	Peak	Vertical
*	9678.5	32.8	14.2	47.0	68.2	-21.2	Peak	Vertical
*	10214.0	31.8	15.9	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.8	11.6	44.4	54.0	-9.6	Peak	Horizontal
	8089.0	33.4	12.3	45.7	54.0	-8.3	Peak	Horizontal
*	9636.0	33.0	14.1	47.1	68.2	-21.1	Peak	Horizontal
*	10307.5	32.3	16.3	48.6	68.2	-19.6	Peak	Horizontal
	7536.5	32.8	11.8	44.6	54.0	-9.4	Peak	Vertical
	8097.5	34.3	12.3	46.6	54.0	-7.4	Peak	Vertical
*	9925.0	32.1	15.0	47.1	68.2	-21.1	Peak	Vertical
*	10375.5	32.1	16.5	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	33.0	11.6	44.6	54.0	-9.4	Peak	Horizontal
	8250.5	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
*	9755.0	33.2	14.5	47.7	68.2	-20.5	Peak	Horizontal
*	10256.5	31.9	16.1	48.0	68.2	-20.2	Peak	Horizontal
	7579.0	33.1	11.8	44.9	54.0	-9.1	Peak	Vertical
	8174.0	32.4	12.3	44.7	54.0	-9.3	Peak	Vertical
*	8522.5	32.3	12.5	44.8	68.2	-23.4	Peak	Vertical
*	10256.5	31.9	16.1	48.0	68.2	-20.2	Peak	Vertical

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

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

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	31.6	11.7	43.3	54.0	-10.7	Peak	Horizontal
	8242.0	32.4	12.3	44.7	54.0	-9.3	Peak	Horizontal
*	9576.5	33.6	13.9	47.5	68.2	-20.7	Peak	Horizontal
*	10239.5	31.8	16.0	47.8	68.2	-20.4	Peak	Horizontal
	7468.5	32.4	11.6	44.0	54.0	-10.0	Peak	Vertical
	8131.5	33.3	12.3	45.6	54.0	-8.4	Peak	Vertical
*	10061.0	31.3	15.5	46.8	68.2	-21.4	Peak	Vertical
*	10503.0	31.0	16.9	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.4	11.6	44.0	54.0	-10.0	Peak	Horizontal
	8208.0	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
*	9721.0	33.4	14.3	47.7	68.2	-20.5	Peak	Horizontal
*	10494.5	31.6	16.8	48.4	68.2	-19.8	Peak	Horizontal
	7638.5	32.1	11.9	44.0	54.0	-10.0	Peak	Vertical
	8259.0	31.9	12.3	44.2	54.0	-9.8	Peak	Vertical
*	10129.0	32.3	15.7	48.0	68.2	-20.2	Peak	Vertical
*	10358.5	32.4	16.4	48.8	68.2	-19.4	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.2	11.7	43.9	54.0	-10.1	Peak	Horizontal
	8276.0	31.9	12.4	44.3	54.0	-9.7	Peak	Horizontal
*	9721.0	33.3	14.3	47.6	68.2	-20.6	Peak	Horizontal
*	10511.5	33.0	16.9	49.9	68.2	-18.3	Peak	Horizontal
	7604.5	32.4	11.8	44.2	54.0	-9.8	Peak	Vertical
	8242.0	32.9	12.3	45.2	54.0	-8.8	Peak	Vertical
*	9823.0	32.2	14.7	46.9	68.2	-21.3	Peak	Vertical
*	10214.0	31.4	15.9	47.3	68.2	-20.9	Peak	Vertical

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

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

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.9	11.6	44.5	54.0	-9.5	Peak	Horizontal
	8259.0	33.0	12.3	45.3	54.0	-8.7	Peak	Horizontal
*	9593.5	34.0	13.9	47.9	68.2	-20.3	Peak	Horizontal
*	10511.5	32.1	16.9	49.0	68.2	-19.2	Peak	Horizontal
	7502.5	32.6	11.7	44.3	54.0	-9.7	Peak	Vertical
	8191.0	33.5	12.3	45.8	54.0	-8.2	Peak	Vertical
*	9840.0	32.0	14.7	46.7	68.2	-21.5	Peak	Vertical
*	10503.0	31.9	16.9	48.8	68.2	-19.4	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	32.4	11.5	43.9	54.0	-10.1	Peak	Horizontal
	8471.5	33.4	12.4	45.8	54.0	-8.2	Peak	Horizontal
*	9670.0	33.1	14.2	47.3	68.2	-20.9	Peak	Horizontal
*	10214.0	32.0	15.9	47.9	68.2	-20.3	Peak	Horizontal
	7681.0	33.2	11.9	45.1	54.0	-8.9	Peak	Vertical
	8480.0	33.5	12.4	45.9	54.0	-8.1	Peak	Vertical
*	10171.5	31.5	15.8	47.3	68.2	-20.9	Peak	Vertical
*	10571.0	32.1	17.0	49.1	68.2	-19.1	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)

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



Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/01/13
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test 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)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	32.7	11.5	44.2	54.0	-9.8	Peak	Horizontal
	8242.0	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
*	10205.5	32.8	15.9	48.7	68.2	-19.5	Peak	Horizontal
*	10460.5	31.3	16.7	48.0	68.2	-20.2	Peak	Horizontal
	7400.5	32.6	11.5	44.1	54.0	-9.9	Peak	Vertical
	8276.0	32.0	12.4	44.4	54.0	-9.6	Peak	Vertical
*	9916.5	31.5	15.0	46.5	68.2	-21.7	Peak	Vertical
*	10460.5	31.3	16.7	48.0	68.2	-20.2	Peak	Vertical

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

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

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