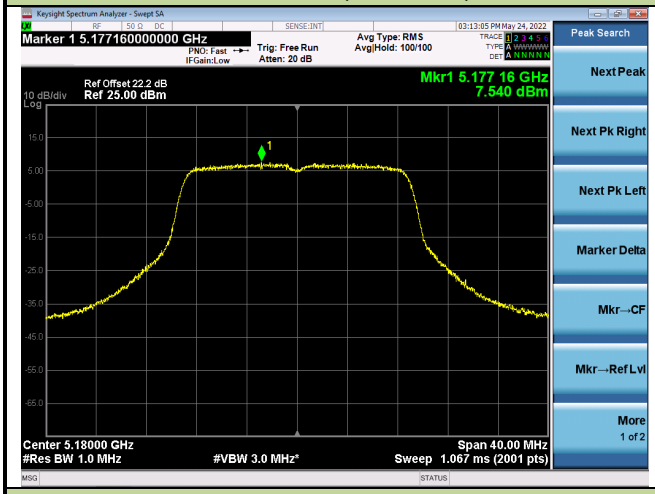
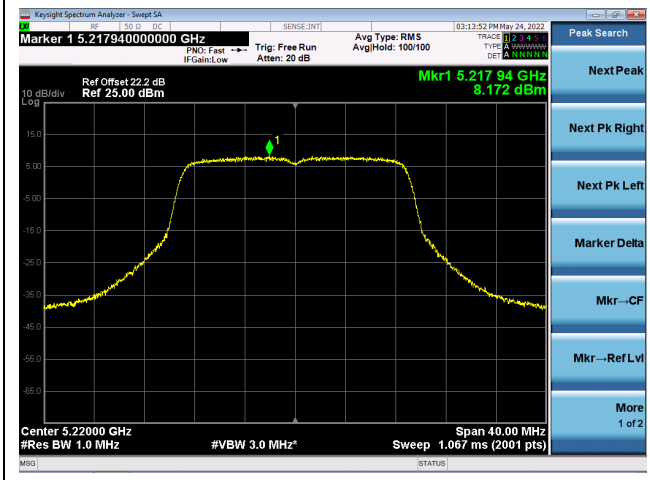
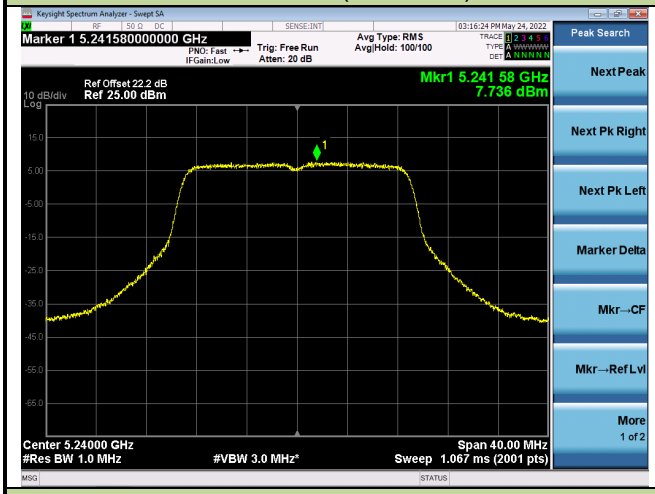
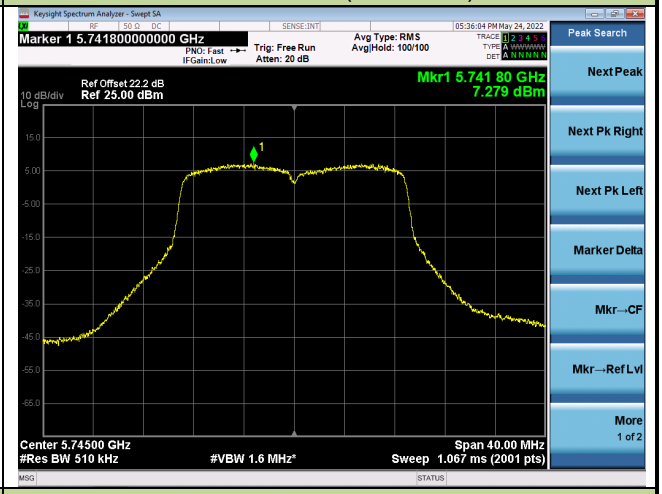
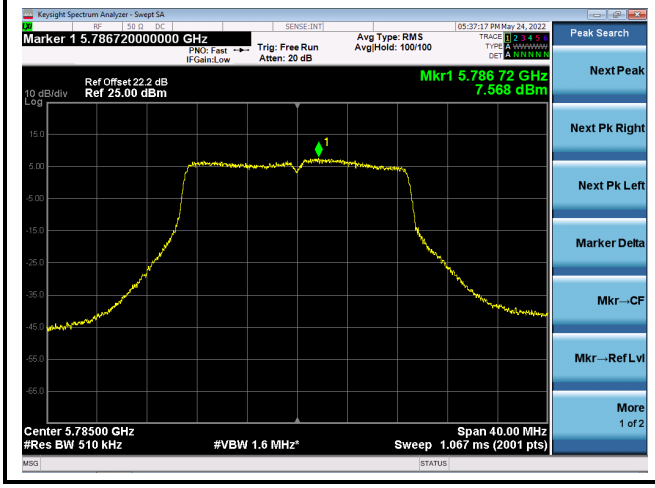
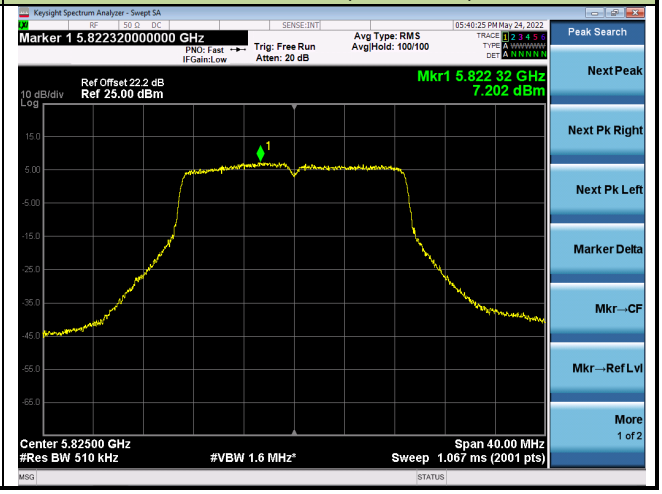
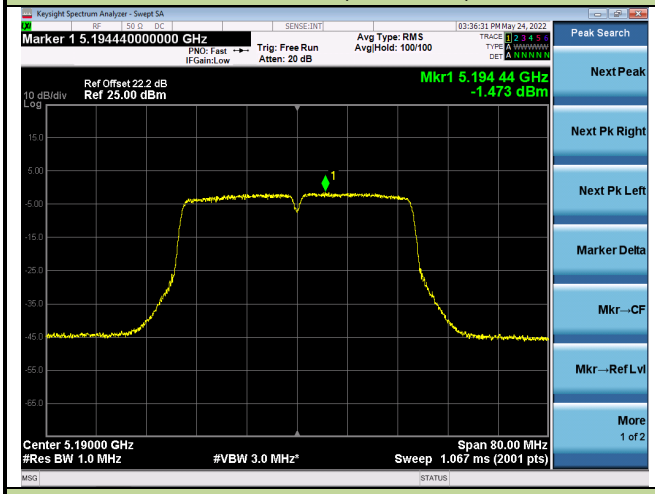
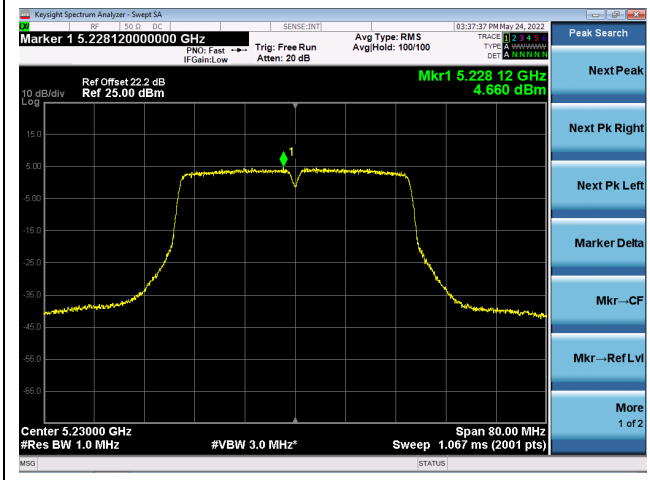
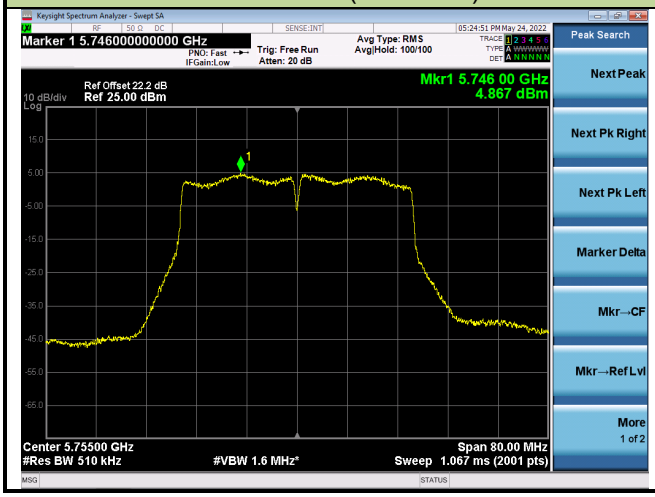
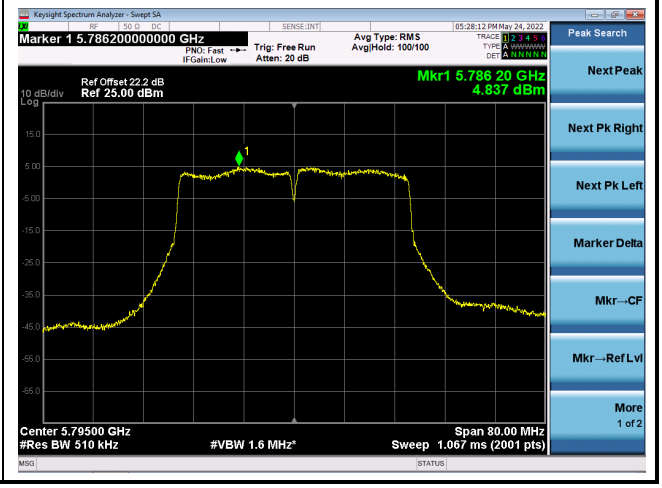
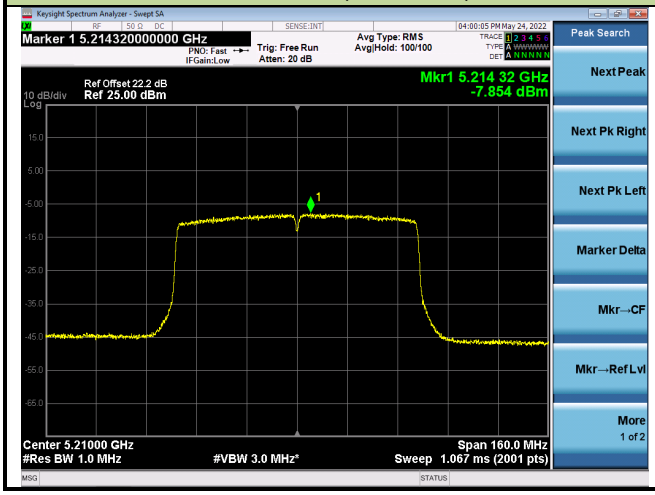
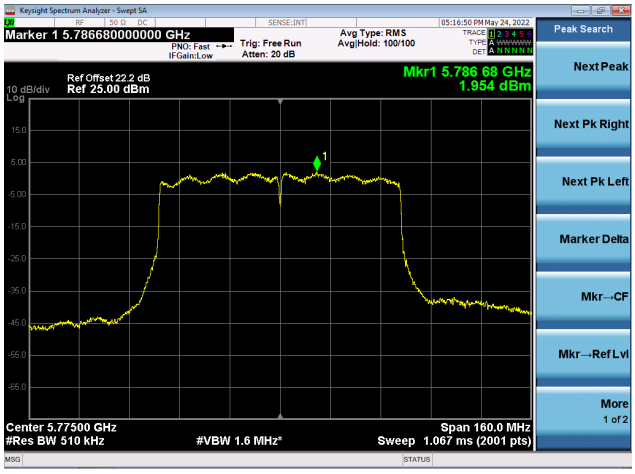
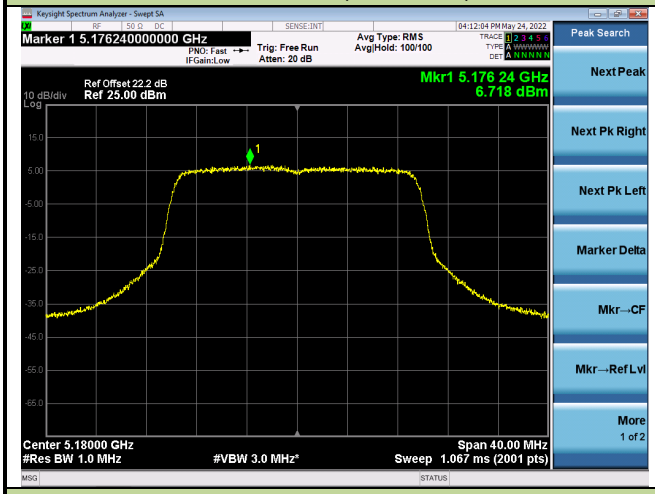
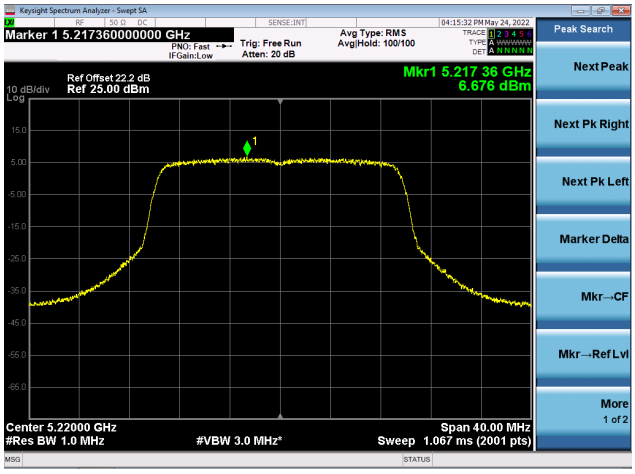
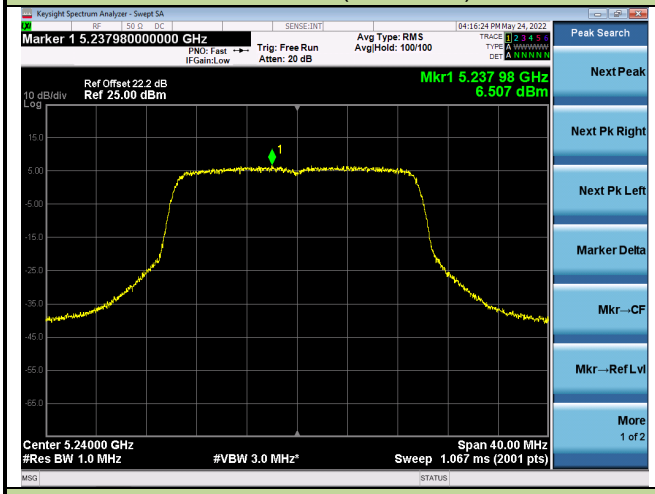
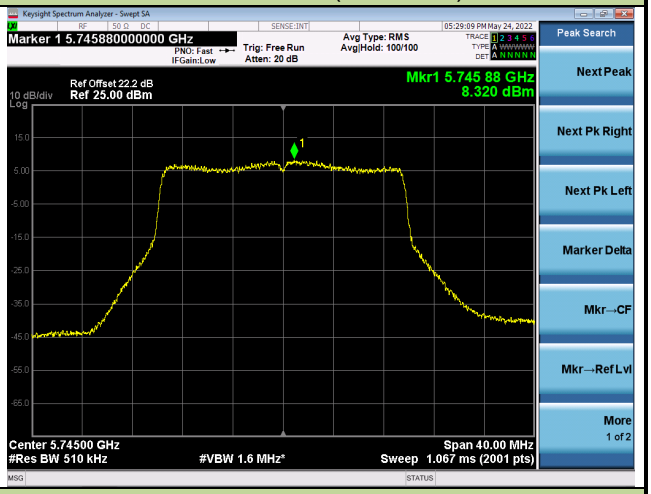
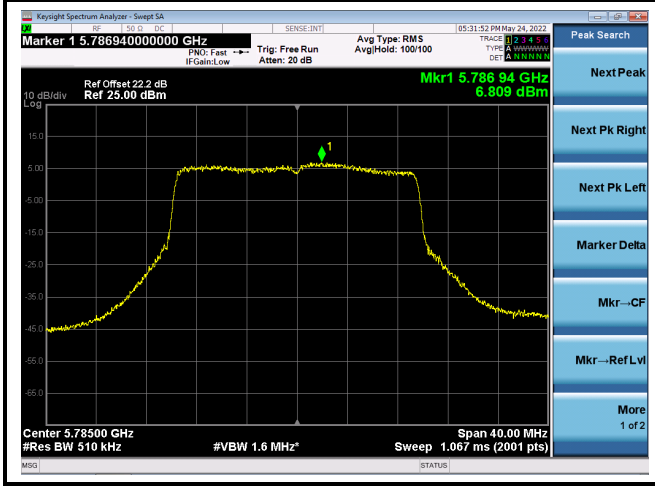
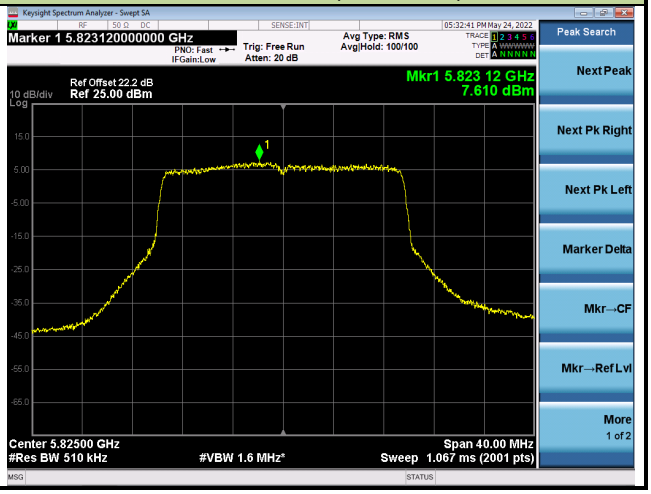
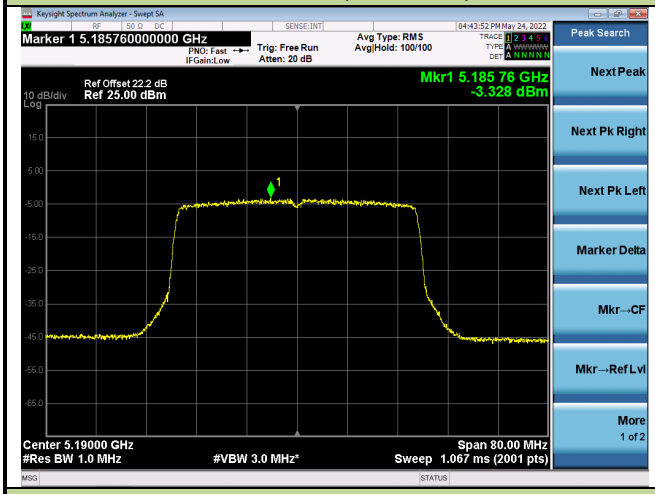
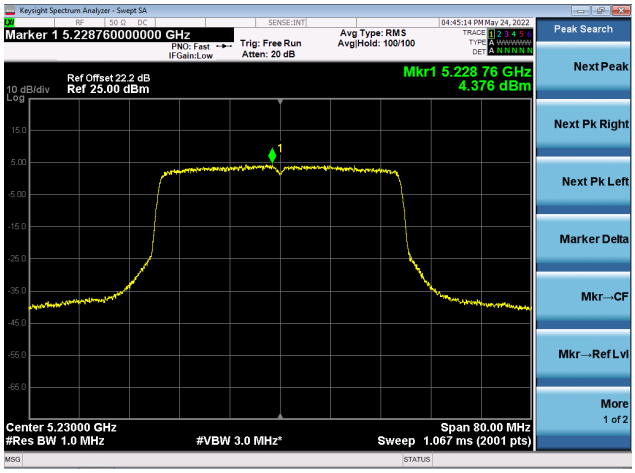
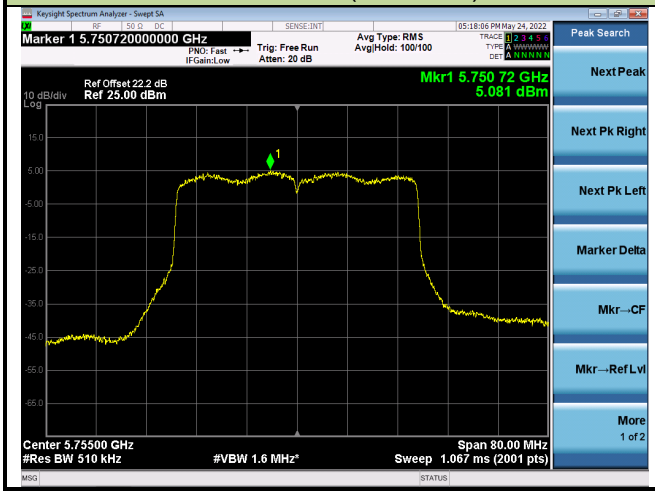
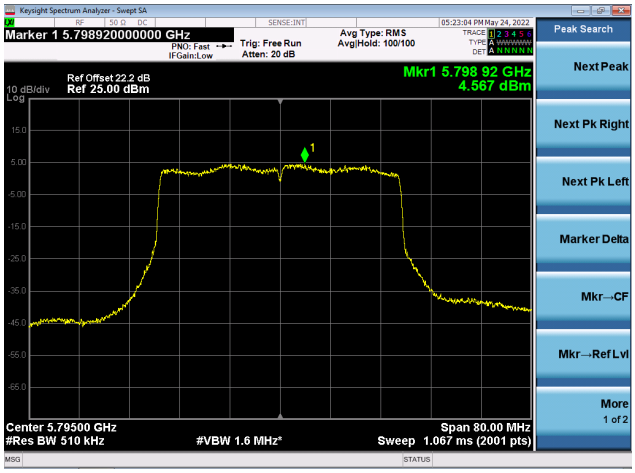
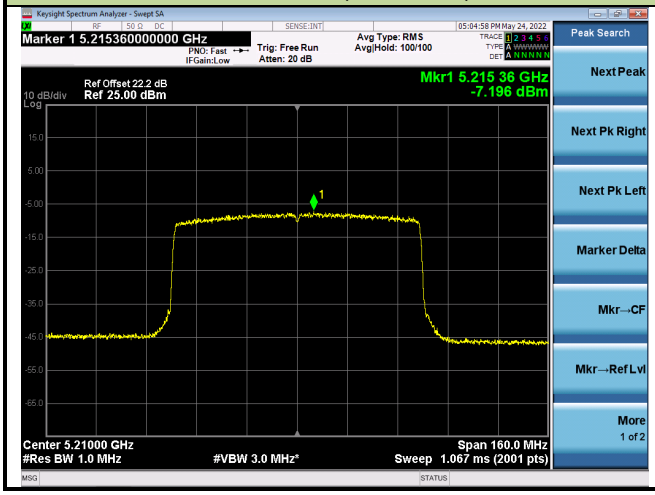
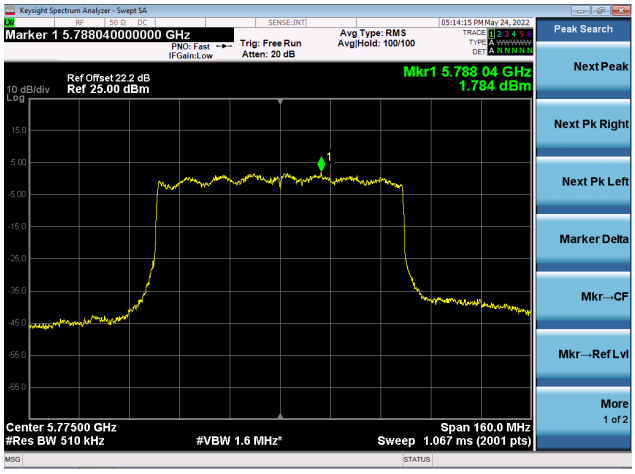
802.11ac-VHT20 Power Spectral Density – Ant 0	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ac-VHT40 Power Spectral Density – Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ac-VHT80 Power Spectral Density – Ant 0	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

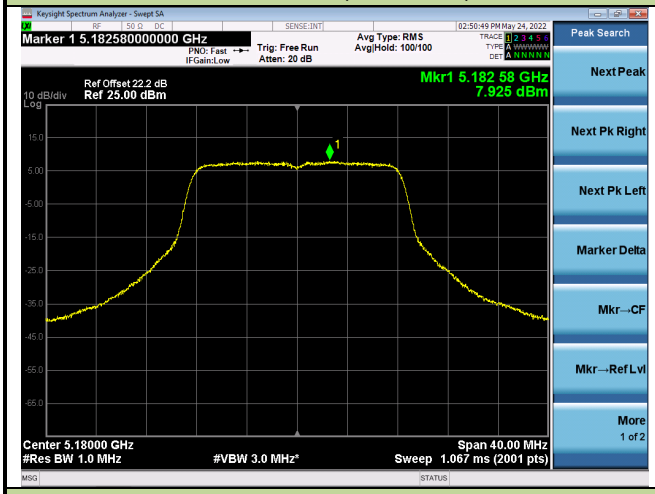
802.11ax-HE20 Power Spectral Density – Ant 0	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ax-HE40 Power Spectral Density – Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

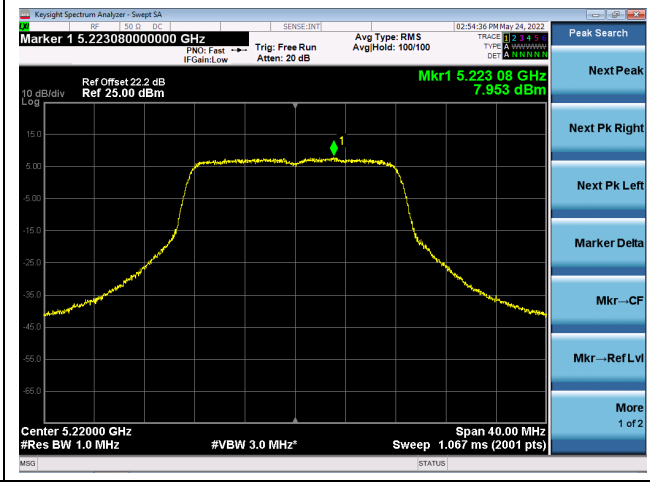
802.11ax-HE80 Power Spectral Density – Ant 0	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

802.11a Power Spectral Density – Ant 1

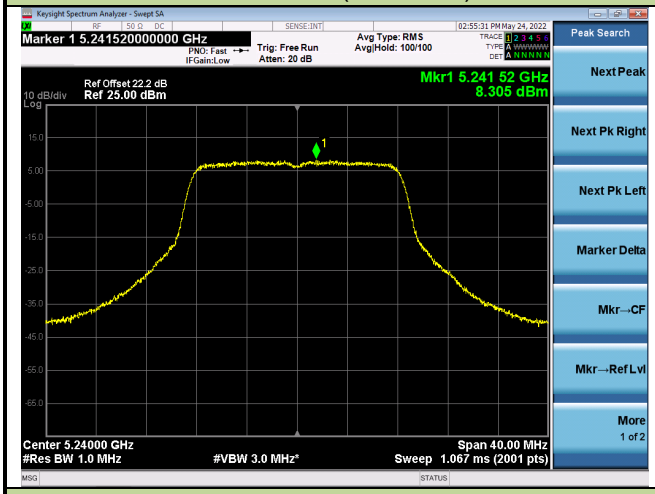
Channel 36 (5180MHz)



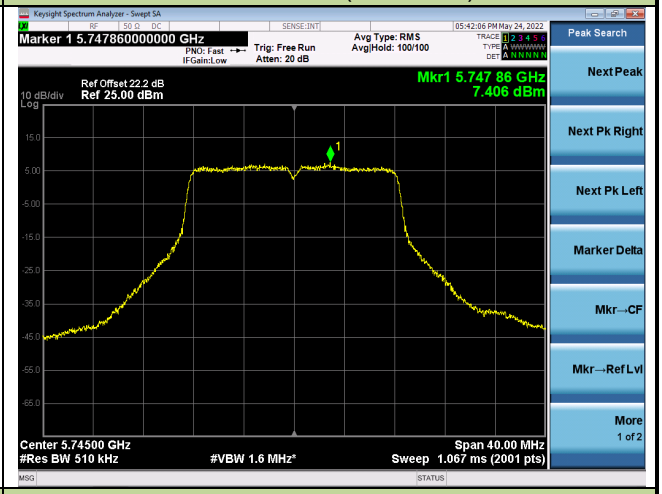
Channel 44 (5220MHz)



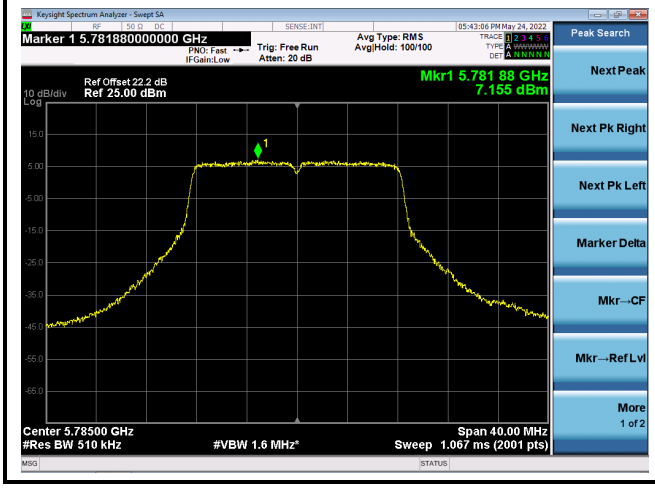
Channel 48 (5240MHz)



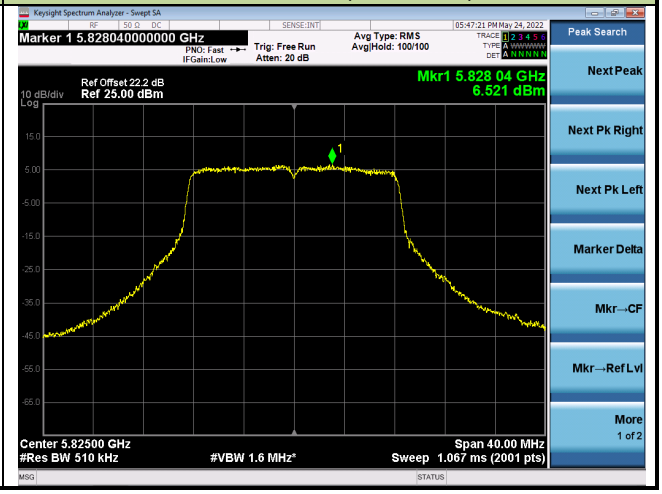
Channel 149 (5745MHz)



Channel 157 (5785MHz)

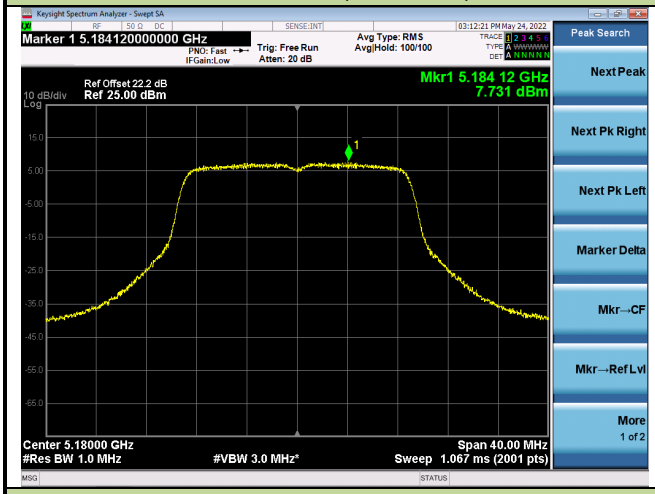


Channel 165 (5825MHz)

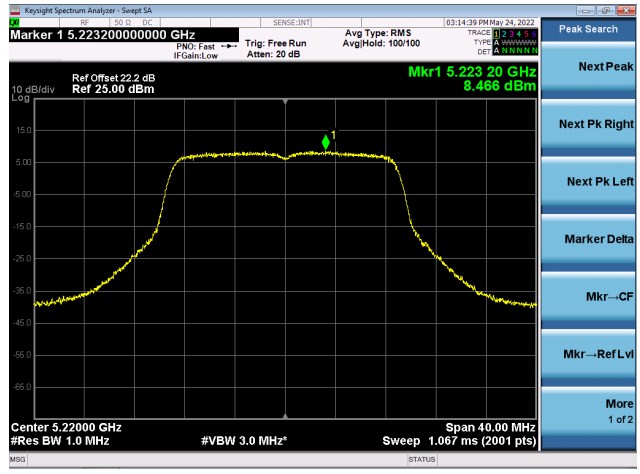


802.11ac-VHT20 Power Spectral Density – Ant 1

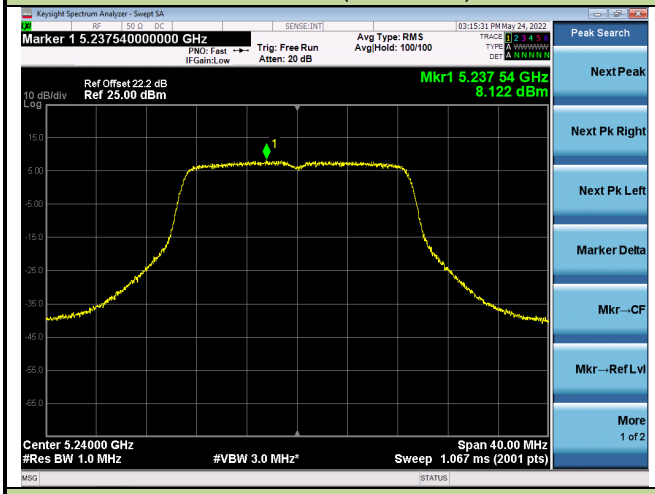
Channel 36 (5180MHz)



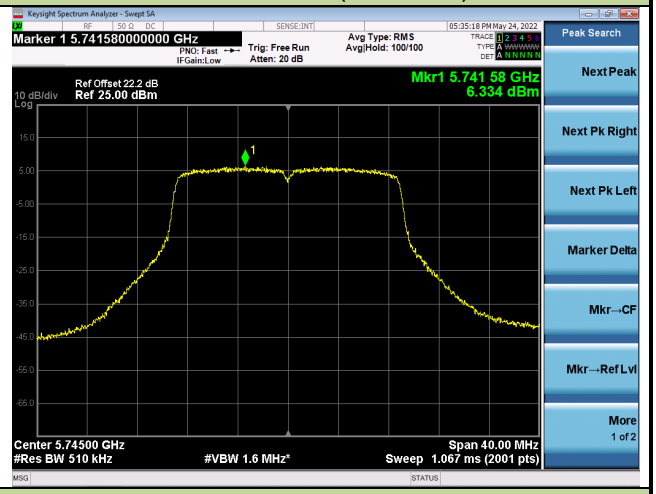
Channel 44 (5220MHz)



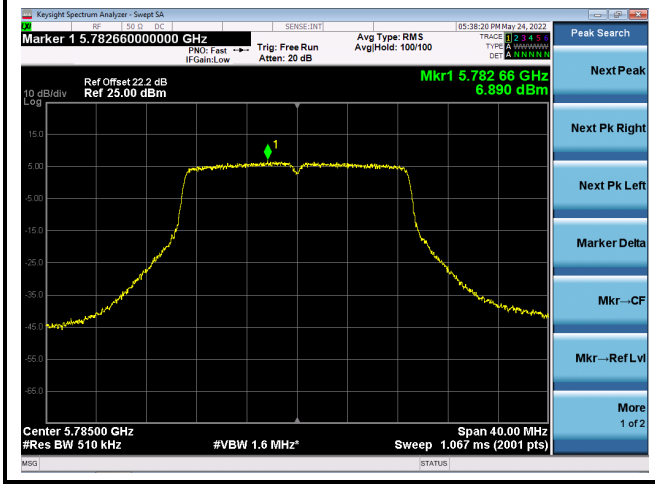
Channel 48 (5240MHz)



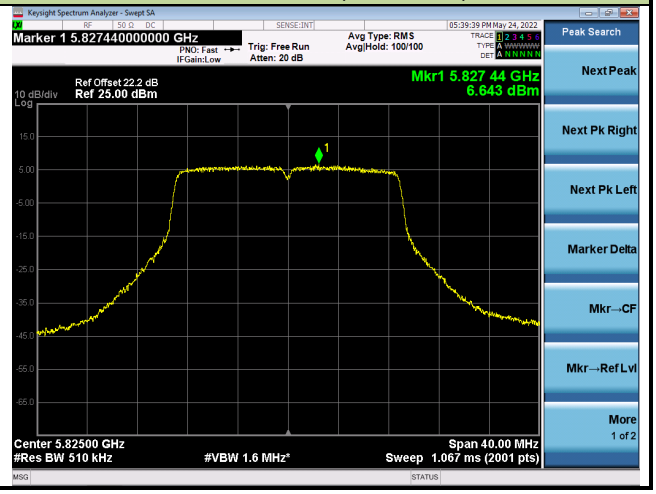
Channel 149 (5745MHz)

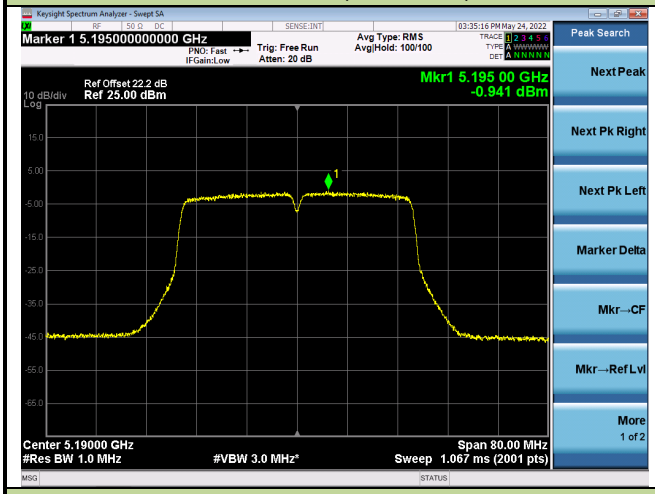
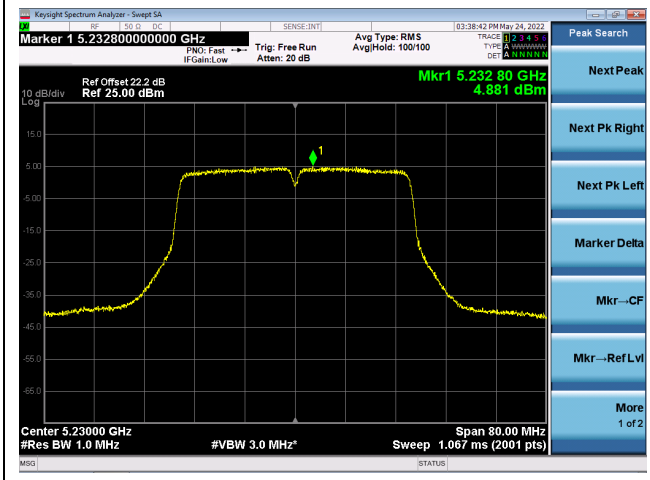
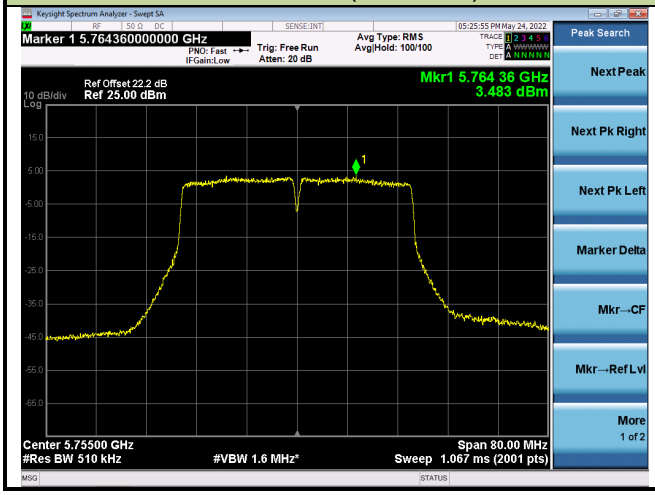
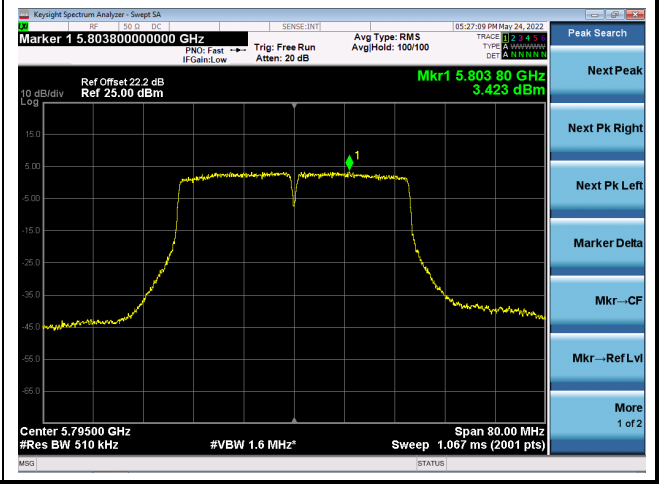


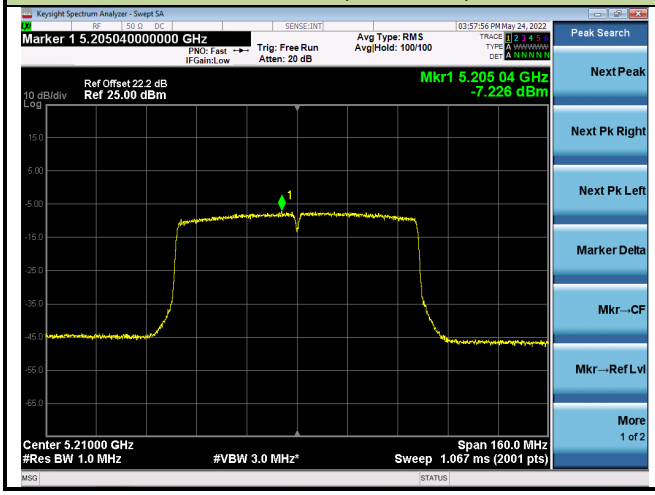
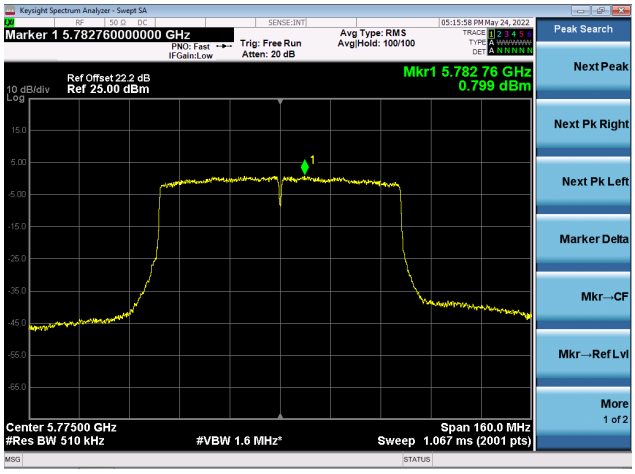
Channel 157 (5785MHz)



Channel 165 (5825MHz)

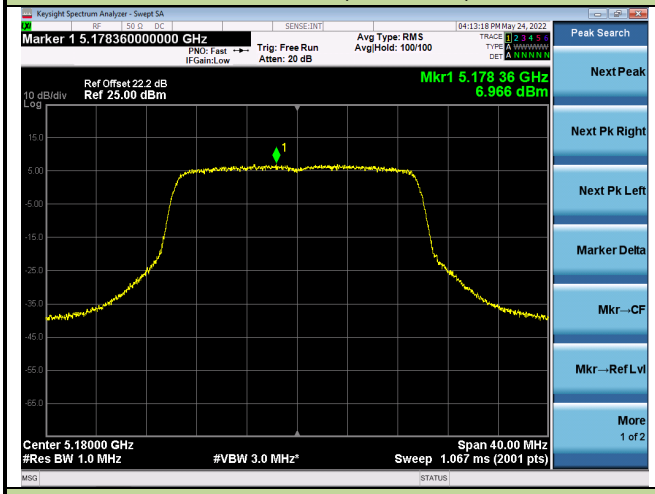


802.11ac-VHT40 Power Spectral Density – Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

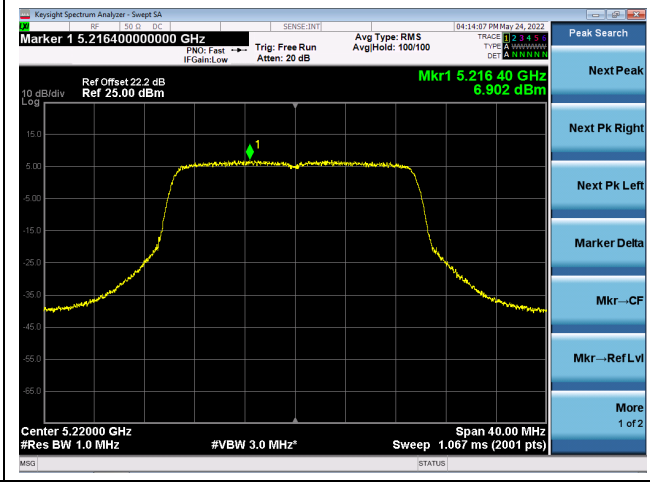
802.11ac-VHT80 Power Spectral Density – Ant 1	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

802.11ax-HE20 Power Spectral Density – Ant 1

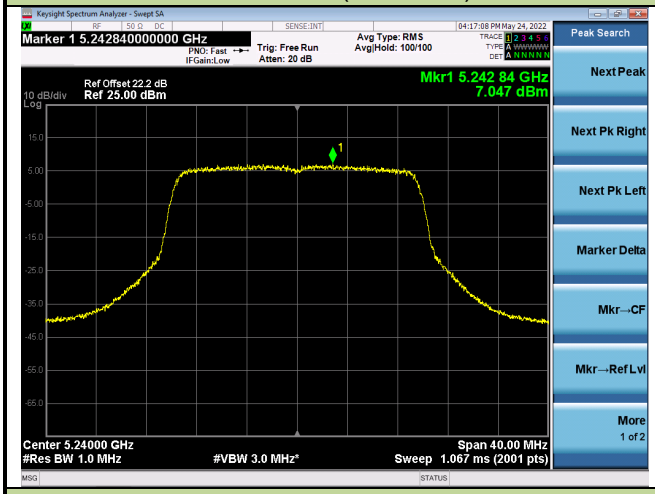
Channel 36 (5180MHz)



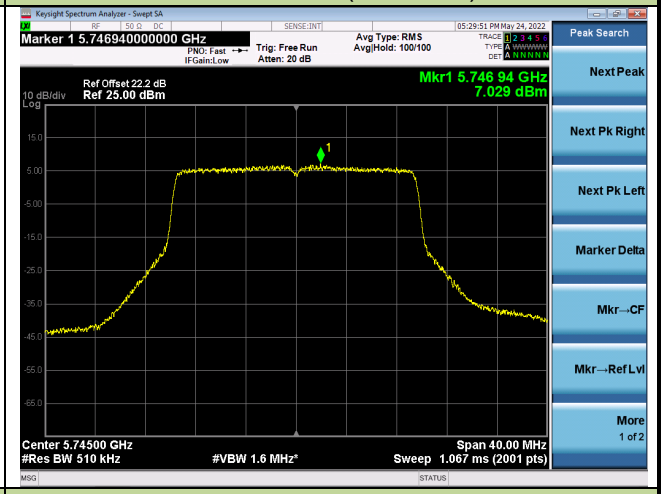
Channel 44 (5220MHz)



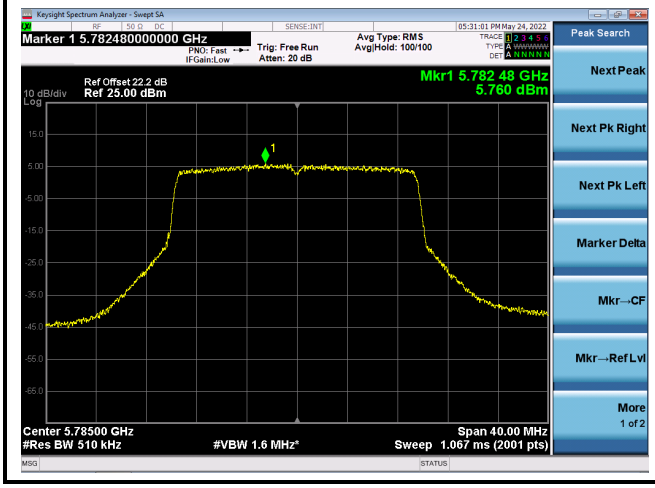
Channel 48 (5240MHz)



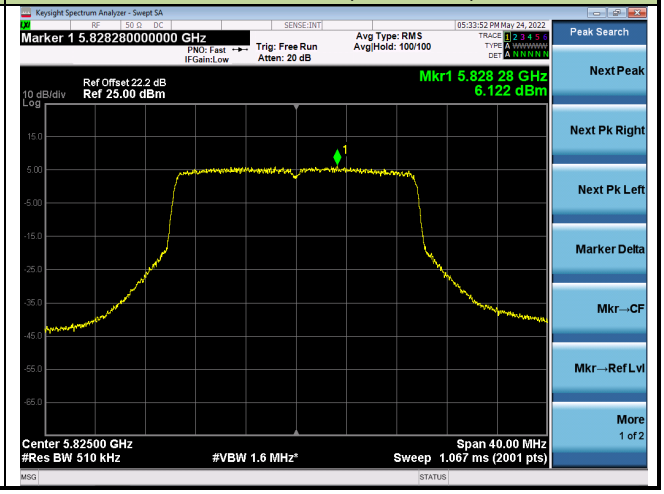
Channel 149 (5745MHz)

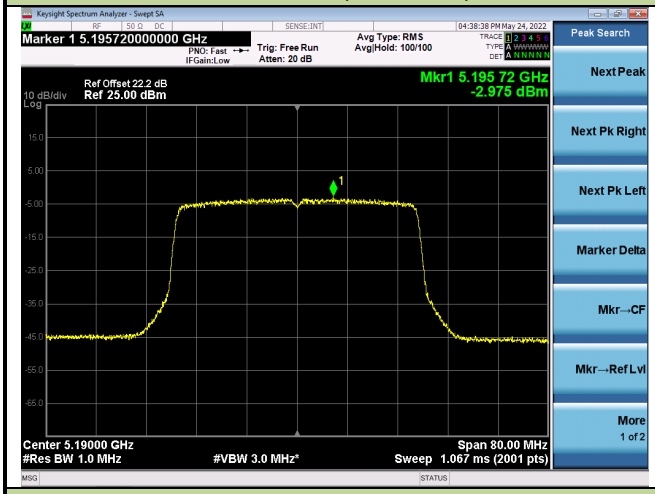
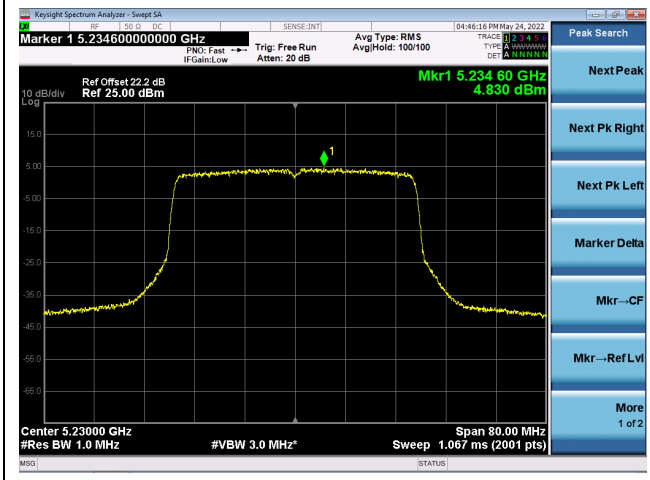
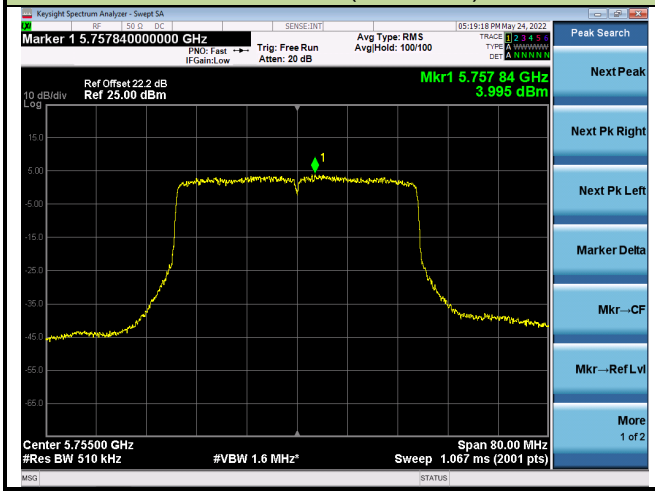
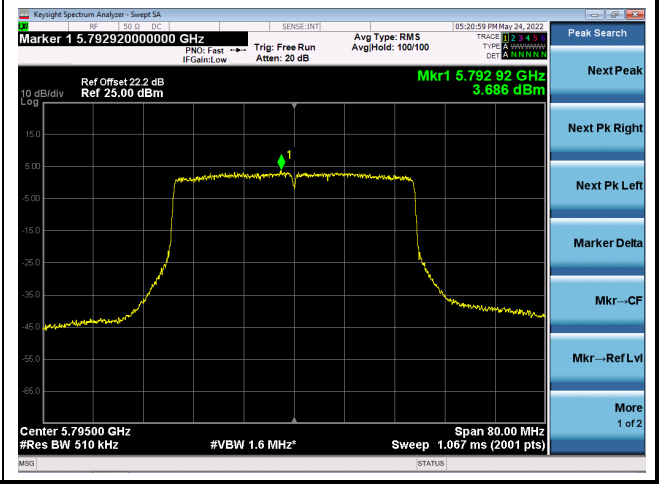


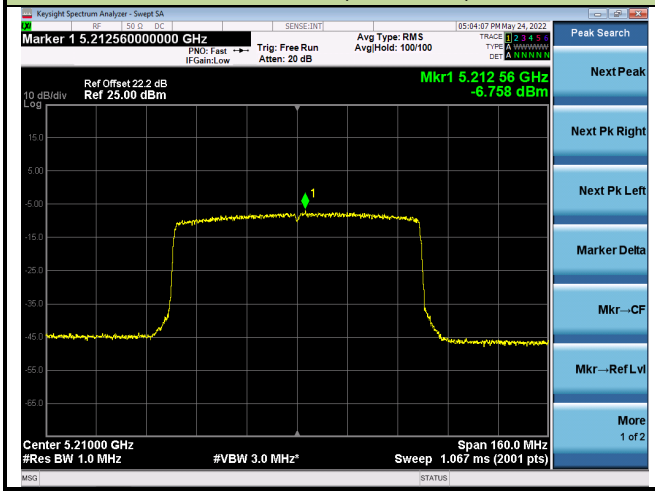
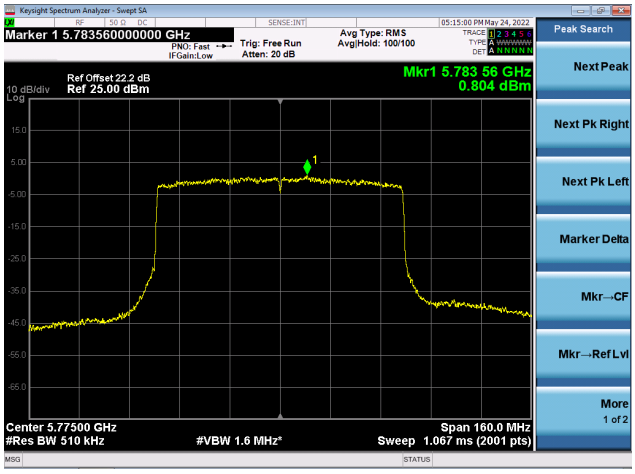
Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11ax-HE40 Power Spectral Density – Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density – Ant 1	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

A.6 Frequency Stability Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2022/05/27	Test Mode	5180MHz

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-1.93	-3.86	1.93	-7.72
		- 20	-3.86	-5.79	5.79	-3.86
		- 10	-3.86	-1.93	-3.86	-3.86
		0	-1.93	1.93	-1.93	1.93
		+ 10	-3.86	-1.93	-5.79	-1.93
		+ 20	-5.79	-5.79	-1.93	1.93
		+ 30	-1.93	-1.93	-6.76	7.72
		+ 40	-3.86	-5.79	-9.65	-2.90
		+ 50	-5.79	-3.86	5.79	-8.69
115%	138	+ 20	-3.86	3.86	-3.86	-3.86
85%	102	+ 20	-9.65	9.65	1.93	-3.86

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

A.7 Radiated Spurious Emission Test Result

Omni Antenna1#

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.500	33.4	9.3	42.7	74.0	-31.3	Peak	Horizontal
*	8735.000	32.8	12.2	45.0	68.2	-23.2	Peak	Horizontal
*	9899.500	34.7	12.5	47.2	68.2	-21.0	Peak	Horizontal
	11786.500	32.6	14.3	46.9	74.0	-27.1	Peak	Horizontal
	7502.500	33.5	9.3	42.8	74.0	-31.2	Peak	Vertical
*	8658.500	34.1	11.6	45.7	68.2	-22.5	Peak	Vertical
*	9993.000	33.4	12.8	46.2	68.2	-22.0	Peak	Vertical
	11480.500	32.4	15.4	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.500	33.7	9.1	42.8	74.0	-31.2	Peak	Horizontal
*	8692.500	34.2	12.0	46.2	68.2	-22.0	Peak	Horizontal
*	10078.000	33.4	13.0	46.4	68.2	-21.8	Peak	Horizontal
	11327.500	33.2	14.8	48.0	74.0	-26.0	Peak	Horizontal
	7502.500	33.8	9.3	43.1	74.0	-30.9	Peak	Vertical
*	8735.000	32.0	12.2	44.2	68.2	-24.0	Peak	Vertical
*	9942.000	33.1	12.2	45.3	68.2	-22.9	Peak	Vertical
	11633.500	31.4	15.9	47.3	74.0	-26.7	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	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.500	33.8	9.3	43.1	74.0	-30.9	Peak	Horizontal
*	8616.000	34.6	11.4	46.0	68.2	-22.2	Peak	Horizontal
*	9857.000	33.7	12.0	45.7	68.2	-22.5	Peak	Horizontal
	11174.500	32.6	15.4	48.0	74.0	-26.0	Peak	Horizontal
	8293.000	36.2	9.5	45.7	74.0	-28.3	Peak	Vertical
*	8684.000	34.9	11.7	46.6	68.2	-21.6	Peak	Vertical
*	10154.500	34.7	12.9	47.6	68.2	-20.6	Peak	Vertical
	12058.500	34.7	15.0	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8344.000	35.3	9.9	45.2	74.0	-28.8	Peak	Horizontal
*	8777.500	33.0	11.9	44.9	68.2	-23.3	Peak	Horizontal
*	10163.000	35.2	12.8	48.0	68.2	-20.2	Peak	Horizontal
	12067.000	33.6	15.0	48.6	74.0	-25.4	Peak	Horizontal
	8276.000	35.0	9.3	44.3	74.0	-29.7	Peak	Vertical
*	8760.500	32.7	11.9	44.6	68.2	-23.6	Peak	Vertical
*	9780.500	34.2	12.3	46.5	68.2	-21.7	Peak	Vertical
	10647.500	35.5	14.2	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8327.000	34.3	9.4	43.7	74.0	-30.3	Peak	Horizontal
*	8692.500	34.8	12.0	46.8	68.2	-21.4	Peak	Horizontal
*	9908.000	34.8	12.6	47.4	68.2	-20.8	Peak	Horizontal
	12152.000	34.0	15.2	49.2	74.0	-24.8	Peak	Horizontal
	8301.500	35.5	9.6	45.1	74.0	-28.9	Peak	Vertical
*	8769.000	34.4	12.0	46.4	68.2	-21.8	Peak	Vertical
*	10001.500	35.7	12.8	48.5	68.2	-19.7	Peak	Vertical
	11123.500	33.9	15.4	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8140.000	35.2	9.5	44.7	74.0	-29.3	Peak	Horizontal
*	8692.500	34.7	12.0	46.7	68.2	-21.5	Peak	Horizontal
*	10214.000	34.5	13.2	47.7	68.2	-20.5	Peak	Horizontal
	11361.500	34.8	14.9	49.7	74.0	-24.3	Peak	Horizontal
	8284.500	34.9	9.4	44.3	74.0	-29.7	Peak	Vertical
*	8692.500	33.8	12.0	45.8	68.2	-22.4	Peak	Vertical
*	9899.500	34.1	12.5	46.6	68.2	-21.6	Peak	Vertical
	10936.500	34.6	14.9	49.5	74.0	-24.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8310.000	36.0	9.7	45.7	74.0	-28.3	Peak	Horizontal
*	8820.000	34.0	11.6	45.6	68.2	-22.6	Peak	Horizontal
*	9908.000	35.3	12.6	47.9	68.2	-20.3	Peak	Horizontal
	12050.000	34.6	15.0	49.6	74.0	-24.4	Peak	Horizontal
	8259.000	35.9	9.1	45.0	74.0	-29.0	Peak	Vertical
*	8701.000	33.9	12.2	46.1	68.2	-22.1	Peak	Vertical
*	10137.500	34.9	13.0	47.9	68.2	-20.3	Peak	Vertical
	10800.500	33.9	14.7	48.6	74.0	-25.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.000	35.3	9.3	44.6	74.0	-29.4	Peak	Horizontal
*	8854.000	34.7	11.7	46.4	68.2	-21.8	Peak	Horizontal
*	9797.500	35.8	12.2	48.0	68.2	-20.2	Peak	Horizontal
	11115.000	34.0	15.5	49.5	74.0	-24.5	Peak	Horizontal
	7375.000	35.1	9.4	44.5	74.0	-29.5	Peak	Vertical
*	7885.000	37.4	8.7	46.1	68.2	-22.1	Peak	Vertical
*	8633.000	35.0	11.7	46.7	68.2	-21.5	Peak	Vertical
	9423.500	36.3	11.7	48.0	74.0	-26.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8293.000	35.3	9.5	44.8	74.0	-29.2	Peak	Horizontal
*	8735.000	33.0	12.2	45.2	68.2	-23.0	Peak	Horizontal
*	9857.000	35.4	12.0	47.4	68.2	-20.8	Peak	Horizontal
	11446.500	33.7	15.1	48.8	74.0	-25.2	Peak	Horizontal
	8301.500	36.2	9.6	45.8	74.0	-28.2	Peak	Vertical
*	8684.000	35.0	11.7	46.7	68.2	-21.5	Peak	Vertical
*	10154.500	35.1	12.9	48.0	68.2	-20.2	Peak	Vertical
	12067.000	33.9	15.0	48.9	74.0	-25.1	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.000	35.1	9.3	44.4	74.0	-29.6	Peak	Horizontal
*	8837.000	33.8	12.0	45.8	68.2	-22.4	Peak	Horizontal
*	9908.000	34.3	12.6	46.9	68.2	-21.3	Peak	Horizontal
	12075.500	34.2	14.9	49.1	74.0	-24.9	Peak	Horizontal
	8310.000	33.9	9.7	43.6	74.0	-30.4	Peak	Vertical
*	8828.500	33.0	11.8	44.8	68.2	-23.4	Peak	Vertical
*	9993.000	32.2	12.8	45.0	68.2	-23.2	Peak	Vertical
	10996.000	34.1	14.9	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8301.500	35.4	9.6	45.0	74.0	-29.0	Peak	Horizontal
*	8692.500	35.1	12.0	47.1	68.2	-21.1	Peak	Horizontal
*	10214.000	34.7	13.2	47.9	68.2	-20.3	Peak	Horizontal
	11684.500	33.0	15.3	48.3	74.0	-25.7	Peak	Horizontal
	8335.500	34.6	9.6	44.2	74.0	-29.8	Peak	Vertical
*	8811.500	32.6	11.8	44.4	68.2	-23.8	Peak	Vertical
*	9908.000	33.8	12.6	46.4	68.2	-21.8	Peak	Vertical
	12092.500	34.4	14.9	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.500	35.0	9.1	44.1	74.0	-29.9	Peak	Horizontal
*	8692.500	35.1	12.0	47.1	68.2	-21.1	Peak	Horizontal
*	9636.000	35.0	11.5	46.5	68.2	-21.7	Peak	Horizontal
	11021.500	33.8	14.6	48.4	74.0	-25.6	Peak	Horizontal
	7604.500	35.8	9.1	44.9	74.0	-29.1	Peak	Vertical
*	8616.000	35.4	11.4	46.8	68.2	-21.4	Peak	Vertical
*	9942.000	34.1	12.2	46.3	68.2	-21.9	Peak	Vertical
	11225.500	33.5	15.0	48.5	74.0	-25.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.000	35.3	9.3	44.6	74.0	-29.4	Peak	Horizontal
*	8769.000	33.6	12.0	45.6	68.2	-22.6	Peak	Horizontal
*	10239.500	35.1	13.3	48.4	68.2	-19.8	Peak	Horizontal
	11191.500	33.6	15.5	49.1	74.0	-24.9	Peak	Horizontal
	8378.000	35.2	9.7	44.9	74.0	-29.1	Peak	Vertical
*	8862.500	34.4	11.7	46.1	68.2	-22.1	Peak	Vertical
*	9908.000	36.0	12.6	48.6	68.2	-19.6	Peak	Vertical
	11489.000	33.4	15.2	48.6	74.0	-25.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.500	34.3	9.1	43.4	74.0	-30.6	Peak	Horizontal
*	8735.000	34.8	12.2	47.0	68.2	-21.2	Peak	Horizontal
*	10265.000	33.8	13.2	47.0	68.2	-21.2	Peak	Horizontal
	11786.500	34.8	14.3	49.1	74.0	-24.9	Peak	Horizontal
	7502.500	35.0	9.3	44.3	74.0	-29.7	Peak	Vertical
*	8811.500	35.0	11.8	46.8	68.2	-21.4	Peak	Vertical
*	10035.500	35.6	13.1	48.7	68.2	-19.5	Peak	Vertical
	11846.000	34.6	13.8	48.4	74.0	-25.6	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	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.500	35.8	9.1	44.9	74.0	-29.1	Peak	Horizontal
*	8854.000	34.5	11.7	46.2	68.2	-22.0	Peak	Horizontal
*	10265.000	34.3	13.2	47.5	68.2	-20.7	Peak	Horizontal
	11174.500	34.4	15.4	49.8	74.0	-24.2	Peak	Horizontal
	7570.500	34.7	8.9	43.6	74.0	-30.4	Peak	Vertical
*	8769.000	35.2	12.0	47.2	68.2	-21.0	Peak	Vertical
*	9899.500	36.0	12.5	48.5	68.2	-19.7	Peak	Vertical
	11225.500	33.7	15.0	48.7	74.0	-25.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.500	34.3	8.8	43.1	74.0	-30.9	Peak	Horizontal
*	8692.500	35.3	12.0	47.3	68.2	-20.9	Peak	Horizontal
*	9636.000	35.3	11.5	46.8	68.2	-21.4	Peak	Horizontal
	11225.500	34.1	15.0	49.1	74.0	-24.9	Peak	Horizontal
	7434.500	34.9	9.5	44.4	74.0	-29.6	Peak	Vertical
*	8811.500	34.3	11.8	46.1	68.2	-22.1	Peak	Vertical
*	10120.500	35.0	12.8	47.8	68.2	-20.4	Peak	Vertical
	11429.500	34.3	15.1	49.4	74.0	-24.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT80 – Channel 42
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
	7536.500	34.8	9.1	43.9	74.0	-30.1	Peak	Horizontal
*	8811.500	34.4	11.8	46.2	68.2	-22.0	Peak	Horizontal
*	9814.500	35.7	12.0	47.7	68.2	-20.5	Peak	Horizontal
	11684.500	32.9	15.3	48.2	74.0	-25.8	Peak	Horizontal
	7468.500	35.0	9.3	44.3	74.0	-29.7	Peak	Vertical
*	8658.500	34.4	11.6	46.0	68.2	-22.2	Peak	Vertical
*	10120.500	35.2	12.8	48.0	68.2	-20.2	Peak	Vertical
	10928.000	34.9	14.9	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT80 – Channel 155
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
	7536.500	35.4	9.1	44.5	74.0	-29.5	Peak	Horizontal
*	8582.000	34.8	11.1	45.9	68.2	-22.3	Peak	Horizontal
*	9942.000	34.9	12.2	47.1	68.2	-21.1	Peak	Horizontal
	10877.000	34.0	14.6	48.6	74.0	-25.4	Peak	Horizontal
	7468.500	35.7	9.3	45.0	74.0	-29.0	Peak	Vertical
*	8811.500	34.6	11.8	46.4	68.2	-21.8	Peak	Vertical
*	9814.500	34.7	12.0	46.7	68.2	-21.5	Peak	Vertical
	12007.500	34.8	14.3	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.500	34.4	9.1	43.5	74.0	-30.5	Peak	Horizontal
*	8811.500	36.1	11.8	47.9	68.2	-20.3	Peak	Horizontal
*	9857.000	34.3	12.0	46.3	68.2	-21.9	Peak	Horizontal
	10970.500	34.2	14.5	48.7	74.0	-25.3	Peak	Horizontal
	7638.500	34.3	8.8	43.1	74.0	-30.9	Peak	Vertical
*	8692.500	34.8	12.0	46.8	68.2	-21.4	Peak	Vertical
*	10120.500	35.1	12.8	47.9	68.2	-20.3	Peak	Vertical
	11327.500	33.4	14.8	48.2	74.0	-25.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.500	35.4	9.3	44.7	74.0	-29.3	Peak	Horizontal
*	8692.500	34.3	12.0	46.3	68.2	-21.9	Peak	Horizontal
*	10401.000	33.8	14.0	47.8	68.2	-20.4	Peak	Horizontal
	11072.500	34.2	15.1	49.3	74.0	-24.7	Peak	Horizontal
	7434.500	35.0	9.5	44.5	74.0	-29.5	Peak	Vertical
*	8811.500	34.8	11.8	46.6	68.2	-21.6	Peak	Vertical
*	9814.500	34.6	12.0	46.6	68.2	-21.6	Peak	Vertical
	11531.500	34.1	15.5	49.6	74.0	-24.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.500	35.9	9.3	45.2	74.0	-28.8	Peak	Horizontal
*	8735.000	33.9	12.2	46.1	68.2	-22.1	Peak	Horizontal
*	10035.500	34.5	13.1	47.6	68.2	-20.6	Peak	Horizontal
	11480.500	34.7	15.4	50.1	74.0	-23.9	Peak	Horizontal
	7400.500	34.9	9.4	44.3	74.0	-29.7	Peak	Vertical
*	8811.500	35.0	11.8	46.8	68.2	-21.4	Peak	Vertical
*	9721.000	34.7	12.0	46.7	68.2	-21.5	Peak	Vertical
	11327.500	33.6	14.8	48.4	74.0	-25.6	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	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.500	35.4	9.4	44.8	74.0	-29.2	Peak	Horizontal
*	8930.500	35.5	11.7	47.2	68.2	-21.0	Peak	Horizontal
*	10035.500	34.7	13.1	47.8	68.2	-20.4	Peak	Horizontal
	10783.500	34.8	14.6	49.4	74.0	-24.6	Peak	Horizontal
	7638.500	35.3	8.8	44.1	74.0	-29.9	Peak	Vertical
*	8735.000	34.1	12.2	46.3	68.2	-21.9	Peak	Vertical
*	10120.500	34.8	12.8	47.6	68.2	-20.6	Peak	Vertical
	11429.5000	34.1	15.1	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.500	35.6	9.3	44.9	74.0	-29.1	Peak	Horizontal
*	8930.500	35.3	11.7	47.0	68.2	-21.2	Peak	Horizontal
*	9942.000	36.6	12.2	48.8	68.2	-19.4	Peak	Horizontal
	11480.500	33.5	15.4	48.9	74.0	-25.1	Peak	Horizontal
	7468.500	34.4	9.3	43.7	74.0	-30.3	Peak	Vertical
*	8582.000	35.4	11.1	46.5	68.2	-21.7	Peak	Vertical
*	9721.000	34.5	12.0	46.5	68.2	-21.7	Peak	Vertical
	11786.500	34.9	14.3	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.500	34.8	9.3	44.1	74.0	-29.9	Peak	Horizontal
*	8658.500	35.5	11.6	47.1	68.2	-21.1	Peak	Horizontal
*	10078.000	35.2	13.0	48.2	68.2	-20.0	Peak	Horizontal
	11123.500	33.2	15.4	48.6	74.0	-25.4	Peak	Horizontal
	7434.500	35.0	9.5	44.5	74.0	-29.5	Peak	Vertical
*	8692.500	35.3	12.0	47.3	68.2	-20.9	Peak	Vertical
*	10035.500	34.1	13.1	47.2	68.2	-21.0	Peak	Vertical
	11174.500	33.6	15.4	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.500	35.4	9.5	44.9	74.0	-29.1	Peak	Horizontal
*	8811.500	34.5	11.8	46.3	68.2	-21.9	Peak	Horizontal
*	10035.500	34.7	13.1	47.8	68.2	-20.4	Peak	Horizontal
	11378.500	34.2	14.8	49.0	74.0	-25.0	Peak	Horizontal
	7468.500	35.0	9.3	44.3	74.0	-29.7	Peak	Vertical
*	8735.000	34.2	12.2	46.4	68.2	-21.8	Peak	Vertical
*	9993.000	34.1	12.8	46.9	68.2	-21.3	Peak	Vertical
	11225.500	34.1	15.0	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.500	34.7	9.1	43.8	74.0	-30.2	Peak	Horizontal
*	8735.000	35.6	12.2	47.8	68.2	-20.4	Peak	Horizontal
*	10035.500	34.2	13.1	47.3	68.2	-20.9	Peak	Horizontal
	11327.500	33.7	14.8	48.5	74.0	-25.5	Peak	Horizontal
	7468.500	35.4	9.3	44.7	74.0	-29.3	Peak	Vertical
*	8735.000	33.7	12.2	45.9	68.2	-22.3	Peak	Vertical
*	9814.500	35.6	12.0	47.6	68.2	-20.6	Peak	Vertical
	11276.500	33.9	15.3	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.500	34.6	9.4	44.0	74.0	-30.0	Peak	Horizontal
*	8735.000	34.2	12.2	46.4	68.2	-21.8	Peak	Horizontal
*	9942.000	35.8	12.2	48.0	68.2	-20.2	Peak	Horizontal
	11429.500	34.5	15.1	49.6	74.0	-24.4	Peak	Horizontal
	7409.000	36.5	9.5	46.0	74.0	-28.0	Peak	Vertical
*	8769.000	35.4	12.0	47.4	68.2	-20.8	Peak	Vertical
*	9942.000	34.0	12.2	46.2	68.2	-22.0	Peak	Vertical
	11429.500	34.9	15.1	50.0	74.0	-24.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.500	34.8	9.3	44.1	74.0	-29.9	Peak	Horizontal
*	8769.000	34.5	12.0	46.5	68.2	-21.7	Peak	Horizontal
*	10035.500	34.9	13.1	48.0	68.2	-20.2	Peak	Horizontal
	11378.500	34.4	14.8	49.2	74.0	-24.8	Peak	Horizontal
	7434.500	34.3	9.5	43.8	74.0	-30.2	Peak	Vertical
*	8735.000	34.0	12.2	46.2	68.2	-22.0	Peak	Vertical
*	10120.500	34.8	12.8	47.6	68.2	-20.6	Peak	Vertical
	11174.500	33.2	15.4	48.6	74.0	-25.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE80 – Channel 42
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
	7468.500	35.1	9.3	44.4	74.0	-29.6	Peak	Horizontal
*	8735.000	34.5	12.2	46.7	68.2	-21.5	Peak	Horizontal
*	9857.000	35.1	12.0	47.1	68.2	-21.1	Peak	Horizontal
	11174.500	33.4	15.4	48.8	74.0	-25.2	Peak	Horizontal
	7570.500	34.1	8.9	43.0	74.0	-31.0	Peak	Vertical
*	8735.000	34.9	12.2	47.1	68.2	-21.1	Peak	Vertical
*	9993.000	35.2	12.8	48.0	68.2	-20.2	Peak	Vertical
	11021.500	33.8	14.6	48.4	74.0	-25.6	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	Ted Chen
Test Date	2022/04/24~2022/04/25	Test Mode	802.11ax-HE80 – Channel 155
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
	7434.500	35.3	9.5	44.8	74.0	-29.2	Peak	Horizontal
*	8616.000	35.3	11.4	46.7	68.2	-21.5	Peak	Horizontal
*	9814.500	35.0	12.0	47.0	68.2	-21.2	Peak	Horizontal
	11327.500	33.6	14.8	48.4	74.0	-25.6	Peak	Horizontal
	7536.500	34.0	9.1	43.1	74.0	-30.9	Peak	Vertical
*	8811.500	35.5	11.8	47.3	68.2	-20.9	Peak	Vertical
*	10443.500	33.8	13.8	47.6	68.2	-20.6	Peak	Vertical
	11123.500	34.6	15.4	50.0	74.0	-24.0	Peak	Vertical

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

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

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

Omni Antenna 3#

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.500	34.9	9.5	44.4	74.0	-29.6	Peak	Horizontal
	8310.000	34.4	9.7	44.1	74.0	-29.9	Peak	Horizontal
*	9721.000	34.1	12.0	46.1	68.2	-22.1	Peak	Horizontal
*	10129.000	35.1	12.9	48.0	68.2	-20.2	Peak	Horizontal
	7587.500	34.2	9.2	43.4	74.0	-30.6	Peak	Vertical
	8276.000	35.3	9.3	44.6	74.0	-29.4	Peak	Vertical
*	9916.500	35.3	12.5	47.8	68.2	-20.4	Peak	Vertical
*	10401.000	33.5	14.0	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/m)

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.000	35.6	9.5	45.1	74.0	-28.9	Peak	Horizontal
	8386.500	34.5	9.8	44.3	74.0	-29.7	Peak	Horizontal
*	9636.000	34.3	11.5	45.8	68.2	-22.4	Peak	Horizontal
*	10265.000	33.7	13.2	46.9	68.2	-21.3	Peak	Horizontal
	7502.500	33.6	9.3	42.9	74.0	-31.1	Peak	Vertical
	8242.000	33.9	9.3	43.2	74.0	-30.8	Peak	Vertical
*	9814.500	34.3	12.0	46.3	68.2	-21.9	Peak	Vertical
*	10171.500	33.9	12.7	46.6	68.2	-21.6	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.500	34.3	9.1	43.4	74.0	-30.6	Peak	Horizontal
	8276.000	34.6	9.3	43.9	74.0	-30.1	Peak	Horizontal
*	9814.500	34.9	12.0	46.9	68.2	-21.3	Peak	Horizontal
*	10078.000	34.5	13.0	47.5	68.2	-20.7	Peak	Horizontal
	7468.500	34.2	9.3	43.5	74.0	-30.5	Peak	Vertical
	8310.000	35.3	9.7	45.0	74.0	-29.0	Peak	Vertical
*	9678.500	34.6	11.7	46.3	68.2	-21.9	Peak	Vertical
*	10035.500	33.4	13.1	46.5	68.2	-21.7	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.000	35.4	9.5	44.9	74.0	-29.1	Peak	Horizontal
	8165.500	34.5	9.2	43.7	74.0	-30.3	Peak	Horizontal
*	8709.500	32.5	12.1	44.6	68.2	-23.6	Peak	Horizontal
*	9780.500	34.8	12.3	47.1	68.2	-21.1	Peak	Horizontal
	7604.500	34.8	9.1	43.9	74.0	-30.1	Peak	Vertical
	8242.000	35.1	9.3	44.4	74.0	-29.6	Peak	Vertical
*	8735.000	33.1	12.2	45.3	68.2	-22.9	Peak	Vertical
*	9848.500	34.6	12.0	46.6	68.2	-21.6	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.500	35.5	8.7	44.2	74.0	-29.8	Peak	Horizontal
	8267.500	35.8	9.2	45.0	74.0	-29.0	Peak	Horizontal
*	8658.500	33.3	11.6	44.9	68.2	-23.3	Peak	Horizontal
*	9874.000	34.1	12.4	46.5	68.2	-21.7	Peak	Horizontal
	7383.500	35.3	9.4	44.7	74.0	-29.3	Peak	Vertical
	8293.000	35.6	9.5	45.1	74.0	-28.9	Peak	Vertical
*	8692.500	32.9	12.0	44.9	68.2	-23.3	Peak	Vertical
*	10307.500	36.7	13.3	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.500	33.5	9.5	43.0	74.0	-31.0	Peak	Horizontal
	8352.500	34.2	9.8	44.0	74.0	-30.0	Peak	Horizontal
*	8760.500	33.1	11.9	45.0	68.2	-23.2	Peak	Horizontal
*	10120.500	35.0	12.8	47.8	68.2	-20.4	Peak	Horizontal
	7579.000	34.7	9.1	43.8	74.0	-30.2	Peak	Vertical
	8276.000	36.3	9.3	45.6	74.0	-28.4	Peak	Vertical
*	8658.500	32.3	11.6	43.9	68.2	-24.3	Peak	Vertical
*	9789.000	35.2	12.4	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.500	34.1	9.4	43.5	74.0	-30.5	Peak	Horizontal
	8293.000	35.0	9.5	44.5	74.0	-29.5	Peak	Horizontal
*	8769.000	33.2	12.0	45.2	68.2	-23.0	Peak	Horizontal
*	10078.000	34.1	13.0	47.1	68.2	-21.1	Peak	Horizontal
	7443.000	34.9	9.5	44.4	74.0	-29.6	Peak	Vertical
	8429.000	36.5	9.9	46.4	74.0	-27.6	Peak	Vertical
*	8837.000	33.8	12.0	45.8	68.2	-22.4	Peak	Vertical
*	10044.000	35.0	12.9	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/m)

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.500	34.7	9.3	44.0	74.0	-30.0	Peak	Horizontal
	8352.500	35.4	9.8	45.2	74.0	-28.8	Peak	Horizontal
*	8811.500	34.4	11.8	46.2	68.2	-22.0	Peak	Horizontal
*	9882.500	35.6	12.4	48.0	68.2	-20.2	Peak	Horizontal
	7511.000	34.4	9.4	43.8	74.0	-30.2	Peak	Vertical
	8352.500	36.0	9.8	45.8	74.0	-28.2	Peak	Vertical
*	8769.000	33.5	12.0	45.5	68.2	-22.7	Peak	Vertical
*	9882.500	35.6	12.4	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/m)

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7604.500	34.0	9.1	43.1	74.0	-30.9	Peak	Horizontal
	8310.000	34.7	9.7	44.4	74.0	-29.6	Peak	Horizontal
*	8777.500	33.1	11.9	45.0	68.2	-23.2	Peak	Horizontal
*	10001.500	33.6	12.8	46.4	68.2	-21.8	Peak	Horizontal
	7672.500	36.7	8.8	45.5	74.0	-28.5	Peak	Vertical
	8386.500	35.8	9.8	45.6	74.0	-28.4	Peak	Vertical
*	8777.500	35.1	11.9	47.0	68.2	-21.2	Peak	Vertical
*	10044.000	34.5	12.9	47.4	68.2	-20.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.500	33.2	9.3	42.5	74.0	-31.5	Peak	Horizontal
	8165.500	34.9	9.2	44.1	74.0	-29.9	Peak	Horizontal
*	8692.500	32.8	12.0	44.8	68.2	-23.4	Peak	Horizontal
*	9797.500	33.5	12.2	45.7	68.2	-22.5	Peak	Horizontal
	7621.500	36.4	8.7	45.1	74.0	-28.9	Peak	Vertical
	8276.000	35.0	9.3	44.3	74.0	-29.7	Peak	Vertical
*	8769.000	32.9	12.0	44.9	68.2	-23.3	Peak	Vertical
*	10137.500	33.9	13.0	46.9	68.2	-21.3	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.500	34.5	9.1	43.6	74.0	-30.4	Peak	Horizontal
	8276.000	35.3	9.3	44.6	74.0	-29.4	Peak	Horizontal
*	8701.000	33.5	12.2	45.7	68.2	-22.5	Peak	Horizontal
*	9780.500	34.3	12.3	46.6	68.2	-21.6	Peak	Horizontal
	7511.000	35.5	9.4	44.9	74.0	-29.1	Peak	Vertical
	8165.500	35.3	9.2	44.5	74.0	-29.5	Peak	Vertical
*	8692.500	34.6	12.0	46.6	68.2	-21.6	Peak	Vertical
*	9780.500	35.0	12.3	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/m)

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.500	33.6	9.1	42.7	74.0	-31.3	Peak	Horizontal
	8276.000	35.9	9.3	45.2	74.0	-28.8	Peak	Horizontal
*	8667.000	33.5	11.7	45.2	68.2	-23.0	Peak	Horizontal
*	9942.000	33.0	12.2	45.2	68.2	-23.0	Peak	Horizontal
	7400.500	33.7	9.4	43.1	74.0	-30.9	Peak	Vertical
	8310.000	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
*	8743.500	32.8	12.0	44.8	68.2	-23.4	Peak	Vertical
*	10010.000	33.4	12.8	46.2	68.2	-22.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.500	35.1	9.2	44.3	74.0	-29.7	Peak	Horizontal
	8284.500	35.2	9.4	44.6	74.0	-29.4	Peak	Horizontal
*	8828.500	33.7	11.8	45.5	68.2	-22.7	Peak	Horizontal
*	9993.000	33.3	12.8	46.1	68.2	-22.1	Peak	Horizontal
	7519.500	34.7	9.3	44.0	74.0	-30.0	Peak	Vertical
	8344.000	35.2	9.9	45.1	74.0	-28.9	Peak	Vertical
*	8854.000	33.4	11.7	45.1	68.2	-23.1	Peak	Vertical
*	9993.000	33.3	12.8	46.1	68.2	-22.1	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.000	34.6	9.1	43.7	74.0	-30.3	Peak	Horizontal
	8335.500	34.3	9.6	43.9	74.0	-30.1	Peak	Horizontal
*	8820.000	33.6	11.6	45.2	68.2	-23.0	Peak	Horizontal
*	9925.000	34.1	12.5	46.6	68.2	-21.6	Peak	Horizontal
	7604.500	35.7	9.1	44.8	74.0	-29.2	Peak	Vertical
	8293.000	35.6	9.5	45.1	74.0	-28.9	Peak	Vertical
*	8692.500	33.1	12.0	45.1	68.2	-23.1	Peak	Vertical
*	9823.000	35.3	12.1	47.4	68.2	-20.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.500	35.1	9.1	44.2	74.0	-29.8	Peak	Horizontal
	8242.000	35.7	9.3	45.0	74.0	-29.0	Peak	Horizontal
*	8837.000	34.2	12.0	46.2	68.2	-22.0	Peak	Horizontal
*	9993.000	33.6	12.8	46.4	68.2	-21.8	Peak	Horizontal
	7604.500	33.5	9.1	42.6	74.0	-31.4	Peak	Vertical
	8310.000	34.0	9.7	43.7	74.0	-30.3	Peak	Vertical
*	8871.000	32.5	11.7	44.2	68.2	-24.0	Peak	Vertical
*	9857.000	33.6	12.0	45.6	68.2	-22.6	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596.000	36.0	9.3	45.3	74.0	-28.7	Peak	Horizontal
	8208.000	36.2	9.2	45.4	74.0	-28.6	Peak	Horizontal
*	8769.000	33.9	12.0	45.9	68.2	-22.3	Peak	Horizontal
*	10061.000	34.2	12.8	47.0	68.2	-21.2	Peak	Horizontal
	7596.000	35.1	9.3	44.4	74.0	-29.6	Peak	Vertical
	8267.500	36.0	9.2	45.2	74.0	-28.8	Peak	Vertical
*	8658.500	33.5	11.6	45.1	68.2	-23.1	Peak	Vertical
*	10061.000	34.2	12.8	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT80 – Channel 42
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
	7519.500	34.6	9.3	43.9	74.0	-30.1	Peak	Horizontal
	8199.500	36.7	9.1	45.8	74.0	-28.2	Peak	Horizontal
*	8658.500	33.4	11.6	45.0	68.2	-23.2	Peak	Horizontal
*	9899.500	36.3	12.5	48.8	68.2	-19.4	Peak	Horizontal
	7366.500	33.8	9.3	43.1	74.0	-30.9	Peak	Vertical
	8233.500	34.7	9.4	44.1	74.0	-29.9	Peak	Vertical
*	8735.000	32.8	12.2	45.0	68.2	-23.2	Peak	Vertical
*	9891.000	34.1	12.4	46.5	68.2	-21.7	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT80 – Channel 155
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
	7443.000	34.8	9.5	44.3	74.0	-29.7	Peak	Horizontal
	8301.500	35.4	9.6	45.0	74.0	-29.0	Peak	Horizontal
*	8735.000	33.0	12.2	45.2	68.2	-23.0	Peak	Horizontal
*	9899.500	33.5	12.5	46.0	68.2	-22.2	Peak	Horizontal
	7511.000	34.9	9.4	44.3	74.0	-29.7	Peak	Vertical
	8199.500	36.5	9.1	45.6	74.0	-28.4	Peak	Vertical
*	8769.000	34.5	12.0	46.5	68.2	-21.7	Peak	Vertical
*	9967.500	34.0	12.7	46.7	68.2	-21.5	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.500	34.8	9.5	44.3	74.0	-29.7	Peak	Horizontal
	8301.500	35.3	9.6	44.9	74.0	-29.1	Peak	Horizontal
*	8658.500	33.4	11.6	45.0	68.2	-23.2	Peak	Horizontal
*	9814.500	34.2	12.0	46.2	68.2	-22.0	Peak	Horizontal
	7502.500	35.6	9.3	44.9	74.0	-29.1	Peak	Vertical
	8310.000	36.4	9.7	46.1	74.0	-27.9	Peak	Vertical
*	8692.500	34.7	12.0	46.7	68.2	-21.5	Peak	Vertical
*	9967.500	33.8	12.7	46.5	68.2	-21.7	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579.000	35.8	9.1	44.9	74.0	-29.1	Peak	Horizontal
	8199.500	35.2	9.1	44.3	74.0	-29.7	Peak	Horizontal
*	8743.500	33.4	12.0	45.4	68.2	-22.8	Peak	Horizontal
*	9823.000	34.3	12.1	46.4	68.2	-21.8	Peak	Horizontal
	7519.500	35.1	9.3	44.4	74.0	-29.6	Peak	Vertical
	8199.500	37.3	9.1	46.4	74.0	-27.6	Peak	Vertical
*	8794.500	34.1	11.8	45.9	68.2	-22.3	Peak	Vertical
*	9823.000	34.3	12.1	46.4	68.2	-21.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.500	35.1	9.3	44.4	74.0	-29.6	Peak	Horizontal
	8310.000	35.6	9.7	45.3	74.0	-28.7	Peak	Horizontal
*	8701.000	33.0	12.2	45.2	68.2	-23.0	Peak	Horizontal
*	9848.500	34.1	12.0	46.1	68.2	-22.1	Peak	Horizontal
	7596.000	35.7	9.3	45.0	74.0	-29.0	Peak	Vertical
	8276.000	35.4	9.3	44.7	74.0	-29.3	Peak	Vertical
*	8709.500	33.7	12.1	45.8	68.2	-22.4	Peak	Vertical
*	9848.500	34.1	12.0	46.1	68.2	-22.1	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.000	35.5	9.5	45.0	74.0	-29.0	Peak	Horizontal
	8276.000	35.1	9.3	44.4	74.0	-29.6	Peak	Horizontal
*	8828.500	33.6	11.8	45.4	68.2	-22.8	Peak	Horizontal
*	9976.000	33.7	12.9	46.6	68.2	-21.6	Peak	Horizontal
	7664.000	37.1	8.8	45.9	74.0	-28.1	Peak	Vertical
	8352.500	35.9	9.8	45.7	74.0	-28.3	Peak	Vertical
*	8879.500	33.8	11.7	45.5	68.2	-22.7	Peak	Vertical
*	10086.500	33.5	13.0	46.5	68.2	-21.7	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.000	35.2	9.3	44.5	74.0	-29.5	Peak	Horizontal
	8114.500	36.6	9.1	45.7	74.0	-28.3	Peak	Horizontal
*	8837.000	34.1	12.0	46.1	68.2	-22.1	Peak	Horizontal
*	9976.000	33.7	12.9	46.6	68.2	-21.6	Peak	Horizontal
	7519.500	34.9	9.3	44.2	74.0	-29.8	Peak	Vertical
	8293.000	35.3	9.5	44.8	74.0	-29.2	Peak	Vertical
*	8837.000	34.6	12.0	46.6	68.2	-21.6	Peak	Vertical
*	10146.000	34.2	13.0	47.2	68.2	-21.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.000	36.4	9.5	45.9	74.0	-28.1	Peak	Horizontal
	8437.500	35.1	10.0	45.1	74.0	-28.9	Peak	Horizontal
*	8718.000	33.1	11.9	45.0	68.2	-23.2	Peak	Horizontal
*	9780.500	35.7	12.3	48.0	68.2	-20.2	Peak	Horizontal
	7528.000	35.2	9.3	44.5	74.0	-29.5	Peak	Vertical
	8276.000	35.5	9.3	44.8	74.0	-29.2	Peak	Vertical
*	8692.500	33.5	12.0	45.5	68.2	-22.7	Peak	Vertical
*	9967.500	33.5	12.7	46.2	68.2	-22.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.500	34.4	9.3	43.7	74.0	-30.3	Peak	Horizontal
	8216.500	34.4	9.3	43.7	74.0	-30.3	Peak	Horizontal
*	8735.000	32.4	12.2	44.6	68.2	-23.6	Peak	Horizontal
*	10044.000	34.5	12.9	47.4	68.2	-20.8	Peak	Horizontal
	7468.500	33.2	9.3	42.5	74.0	-31.5	Peak	Vertical
	8199.500	33.0	9.1	42.1	74.0	-31.9	Peak	Vertical
*	8735.000	31.1	12.2	43.3	68.2	-24.9	Peak	Vertical
*	10129.000	32.6	12.9	45.5	68.2	-22.7	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.000	35.3	9.3	44.6	74.0	-29.4	Peak	Horizontal
	8140.000	36.5	9.5	46.0	74.0	-28.0	Peak	Horizontal
*	8667.000	33.9	11.7	45.6	68.2	-22.6	Peak	Horizontal
*	9814.500	34.0	12.0	46.0	68.2	-22.2	Peak	Horizontal
	7468.500	34.0	9.3	43.3	74.0	-30.7	Peak	Vertical
	8276.000	34.5	9.3	43.8	74.0	-30.2	Peak	Vertical
*	8692.500	33.4	12.0	45.4	68.2	-22.8	Peak	Vertical
*	10035.500	33.1	13.1	46.2	68.2	-22.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.500	34.7	9.3	44.0	74.0	-30.0	Peak	Horizontal
	8259.000	34.9	9.1	44.0	74.0	-30.0	Peak	Horizontal
*	8701.000	32.9	12.2	45.1	68.2	-23.1	Peak	Horizontal
*	9967.500	34.1	12.7	46.8	68.2	-21.4	Peak	Horizontal
	7434.500	35.3	9.5	44.8	74.0	-29.2	Peak	Vertical
	8276.000	34.7	9.3	44.0	74.0	-30.0	Peak	Vertical
*	8769.000	32.6	12.0	44.6	68.2	-23.6	Peak	Vertical
*	9967.500	34.1	12.7	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7689.500	36.1	8.6	44.7	74.0	-29.3	Peak	Horizontal
	8242.000	34.3	9.3	43.6	74.0	-30.4	Peak	Horizontal
*	8777.500	32.6	11.9	44.5	68.2	-23.7	Peak	Horizontal
*	9993.000	33.5	12.8	46.3	68.2	-21.9	Peak	Horizontal
	7460.000	36.0	9.4	45.4	74.0	-28.6	Peak	Vertical
	8284.500	35.3	9.4	44.7	74.0	-29.3	Peak	Vertical
*	8743.500	32.8	12.0	44.8	68.2	-23.4	Peak	Vertical
*	9823.000	34.5	12.1	46.6	68.2	-21.6	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	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE80 – Channel 42
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
	7417.500	34.5	9.5	44.0	74.0	-30.0	Peak	Horizontal
	8327.000	34.0	9.4	43.4	74.0	-30.6	Peak	Horizontal
*	8658.500	33.2	11.6	44.8	68.2	-23.4	Peak	Horizontal
*	9882.500	34.0	12.4	46.4	68.2	-21.8	Peak	Horizontal
	7502.500	33.7	9.3	43.0	74.0	-31.0	Peak	Vertical
	8437.500	34.9	10.0	44.9	74.0	-29.1	Peak	Vertical
*	8854.000	34.2	11.7	45.9	68.2	-22.3	Peak	Vertical
*	9882.500	34.0	12.4	46.4	68.2	-21.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2022/05/13	Test Mode	802.11ax-HE80 – Channel 155
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
	7460.000	34.7	9.4	44.1	74.0	-29.9	Peak	Horizontal
	8267.500	35.5	9.2	44.7	74.0	-29.3	Peak	Horizontal
*	8777.500	33.2	11.9	45.1	68.2	-23.1	Peak	Horizontal
*	9831.500	34.2	12.1	46.3	68.2	-21.9	Peak	Horizontal
	7477.000	36.1	9.1	45.2	74.0	-28.8	Peak	Vertical
	8165.500	34.5	9.2	43.7	74.0	-30.3	Peak	Vertical
*	8701.000	32.6	12.2	44.8	68.2	-23.4	Peak	Vertical
*	9857.000	34.6	12.0	46.6	68.2	-21.6	Peak	Vertical

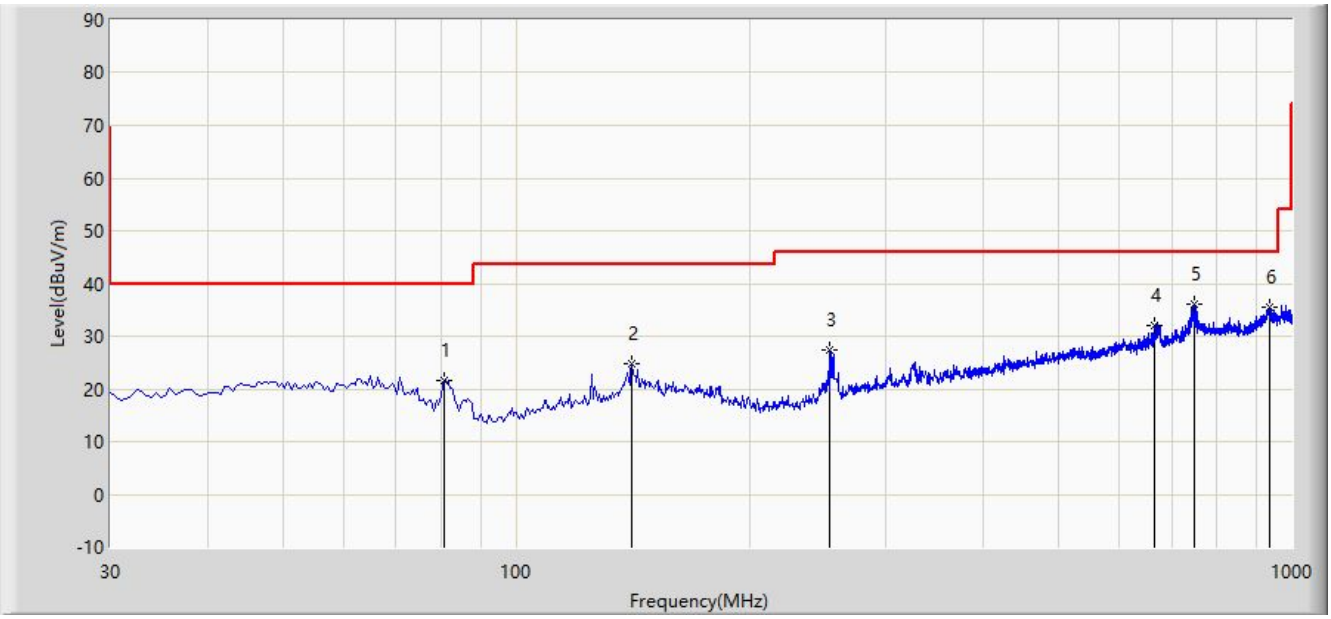
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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)

The Worst Case of Radiated Emission below 1GHz:

Site: WZ-AC1	Test Date: 2022/05/23
Limit: FCC_Part15.209_RSE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_VULB9168	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by ac-VHT40 at 5795MHz - Omni Antenna1#	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		80.925	21.613	8.353	-18.387	40.000	13.260	PK
2		141.065	24.816	7.257	-18.684	43.500	17.559	PK
3		254.070	27.392	10.933	-18.608	46.000	16.459	PK
4		664.380	32.121	5.956	-13.879	46.000	26.165	PK
5	*	747.315	36.231	8.364	-9.769	46.000	27.867	PK
6		936.465	35.578	5.720	-10.422	46.000	29.859	PK

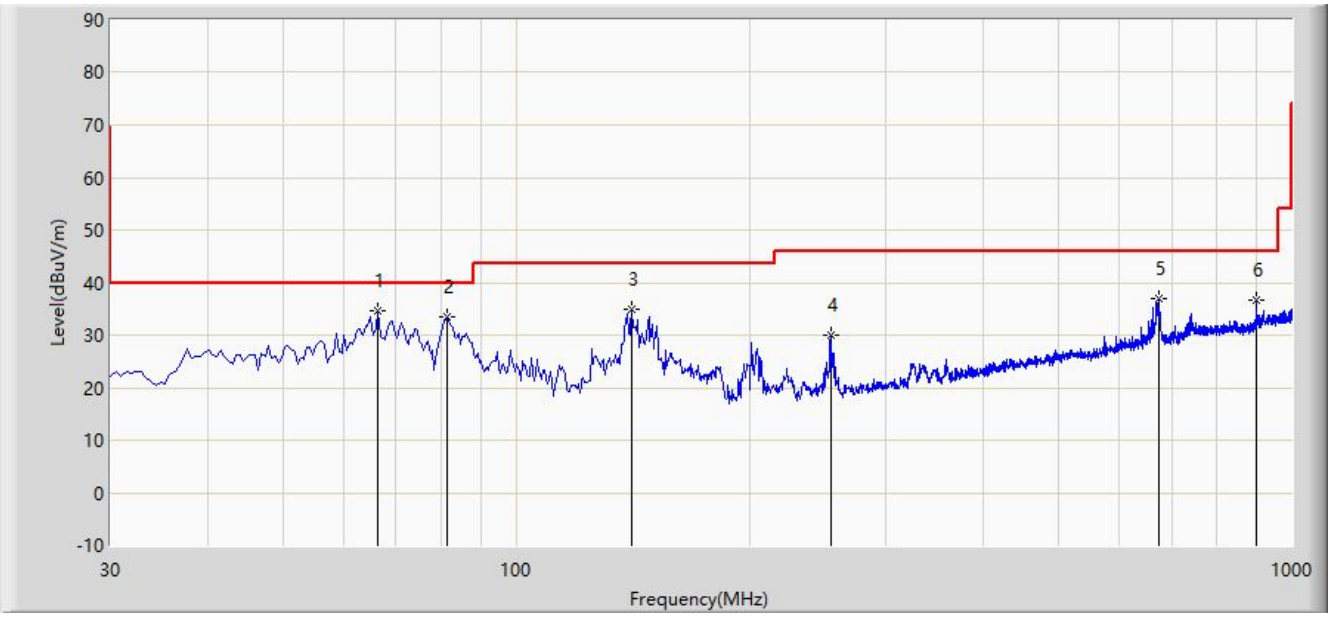
Note 1: " *", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: WZ-AC1	Test Date: 2022/05/23
Limit: FCC_Part15.209_RSE(3m)	Engineer: Charles Zhang
Probe: WZ-AC1_VULB9168	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by ac-VHT40 at 5795MHz - Omni Antenna1#	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	66.375	34.528	17.861	-5.472	40.000	16.667	PK
2		81.410	33.336	20.206	-6.664	40.000	13.130	PK
3		141.065	35.037	17.478	-8.463	43.500	17.559	PK
4		254.555	29.903	13.431	-16.097	46.000	16.472	PK
5		673.595	36.946	10.726	-9.054	46.000	26.220	PK
6		899.605	36.609	7.246	-9.391	46.000	29.363	PK

Note 1: " *", means this data is the worst emission level.

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

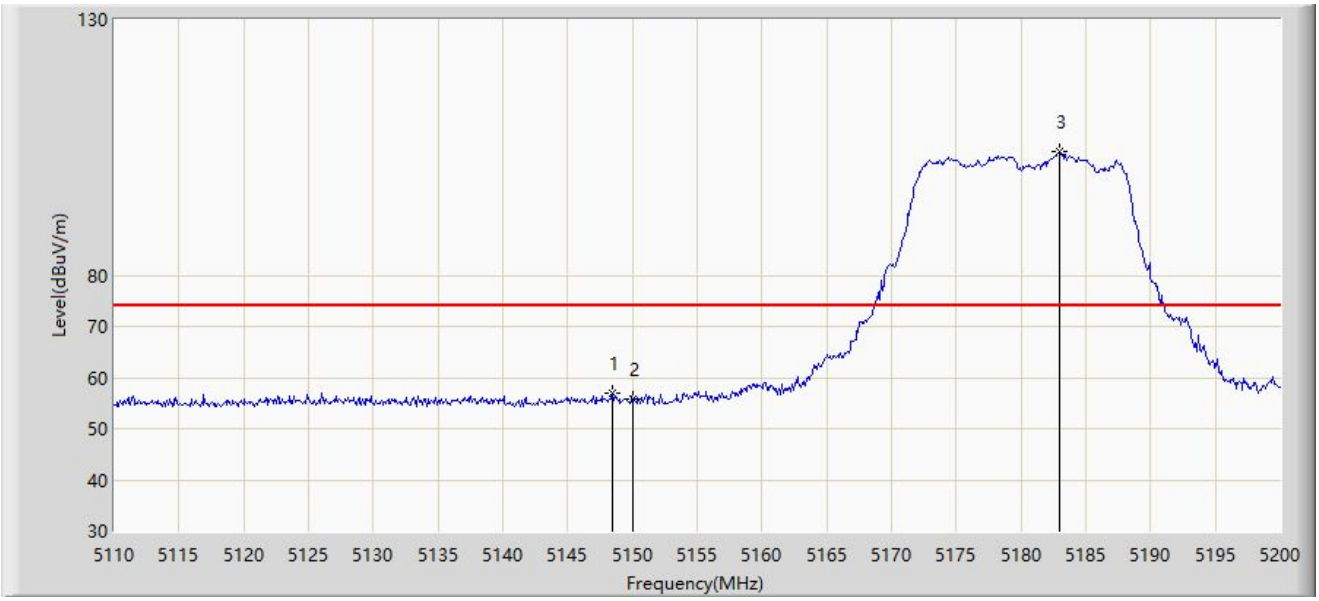
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

A.8 Radiated Restricted Band Edge Test Result

Omni Antenna1#

Site: NS-AC1	Time: 2022/04/19 - 11:26
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.430	56.899	54.598	-17.101	74.000	2.302	PK
2		5150.000	55.940	53.652	-18.060	74.000	2.287	PK
3		5182.990	104.143	101.977	N/A	N/A	2.166	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 11:50
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

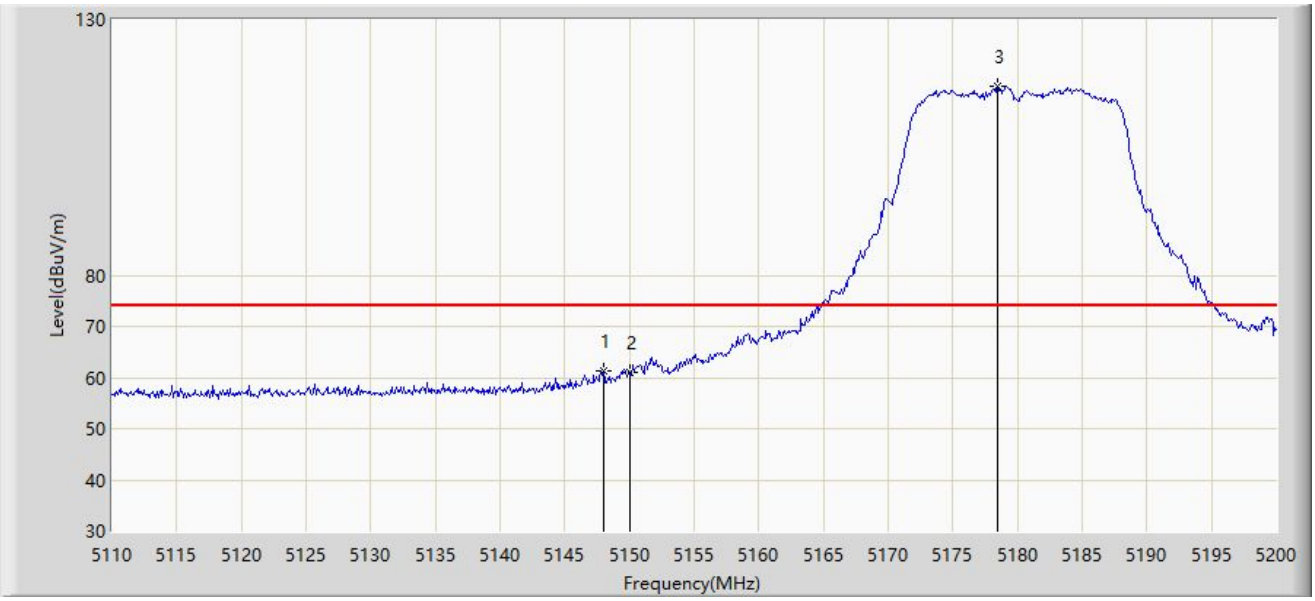
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.980	45.106	42.801	-8.894	54.000	2.305	AV
2		5150.000	44.758	42.470	-9.242	54.000	2.287	AV
3		5182.990	95.830	93.664	N/A	N/A	2.166	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 13:08
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



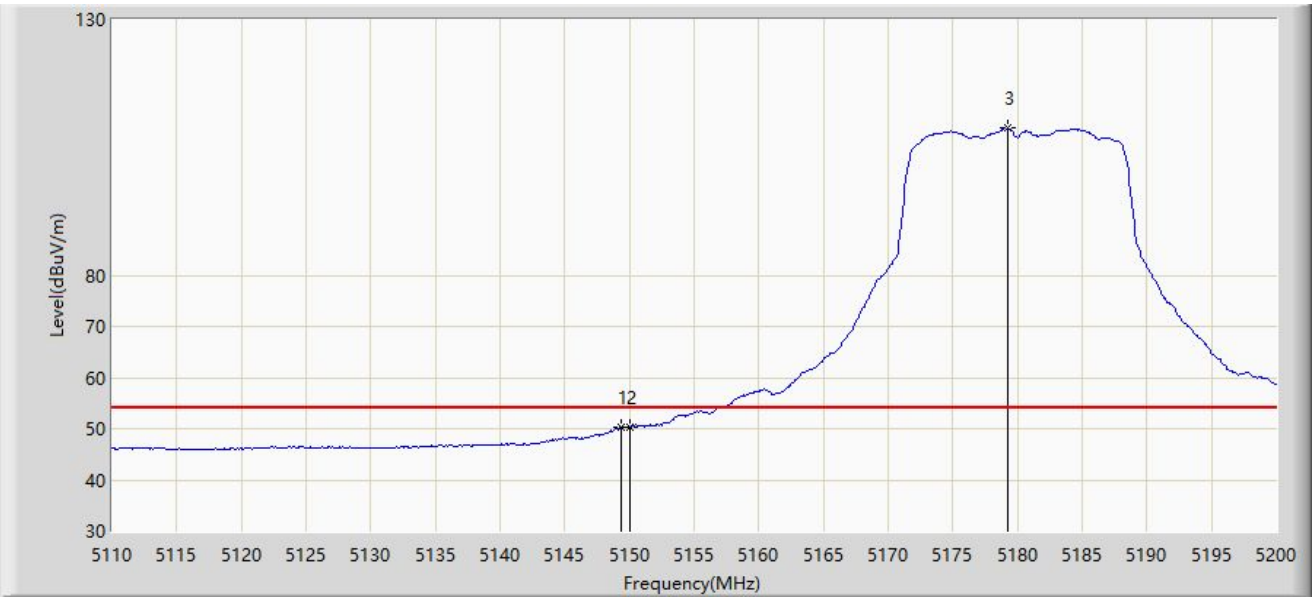
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.980	61.247	58.942	-12.753	74.000	2.305	PK
2		5150.000	60.940	58.652	-13.060	74.000	2.287	PK
3		5178.490	116.993	114.820	N/A	N/A	2.173	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 13:13
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



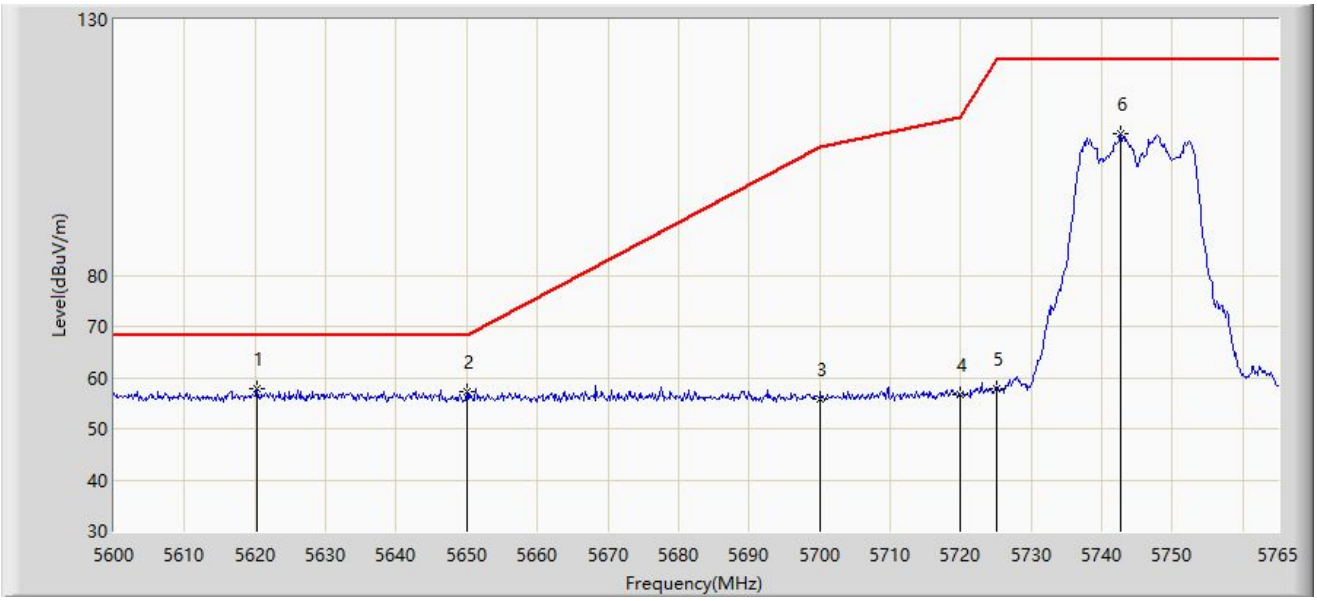
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.330	50.393	48.099	-3.607	54.000	2.294	AV
2		5150.000	50.259	47.971	-3.741	54.000	2.287	AV
3		5179.210	108.774	106.600	N/A	N/A	2.173	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 13:45
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



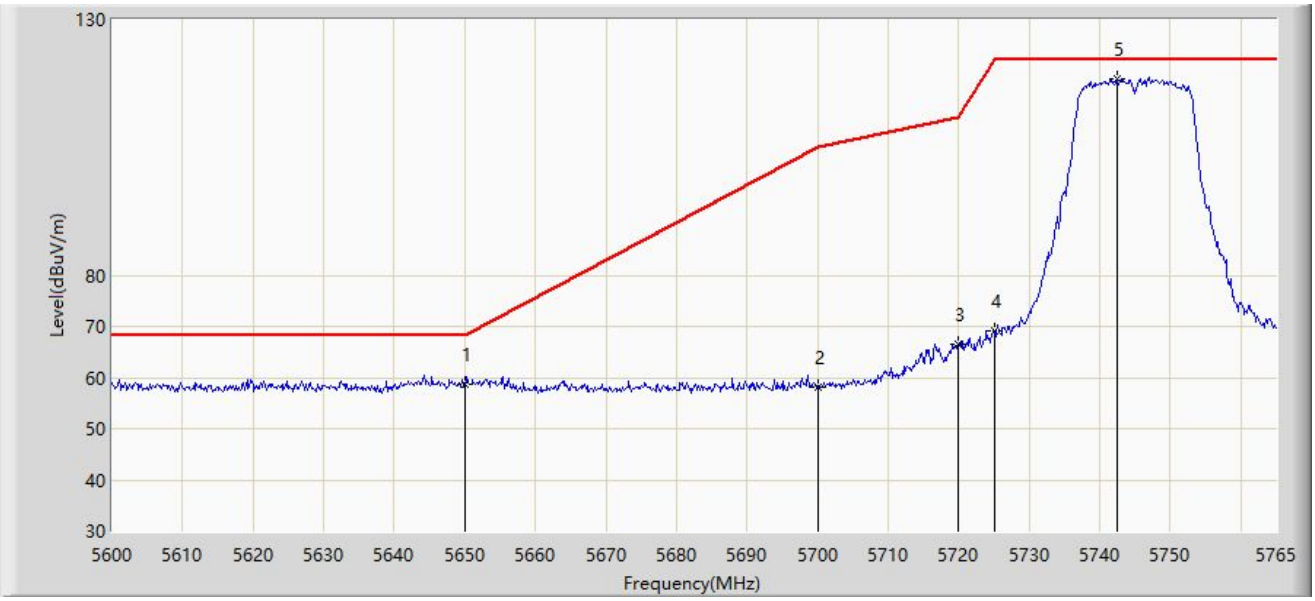
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5620.295	57.843	55.266	-10.357	68.200	2.577	PK
2		5650.000	57.208	54.715	-10.992	68.200	2.492	PK
3		5700.000	55.942	53.153	-49.258	105.200	2.790	PK
4		5720.000	56.787	53.942	-54.013	110.800	2.846	PK
5		5725.000	57.844	55.046	-64.356	122.200	2.799	PK
6		5742.725	107.681	105.093	N/A	N/A	2.588	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 13:47
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



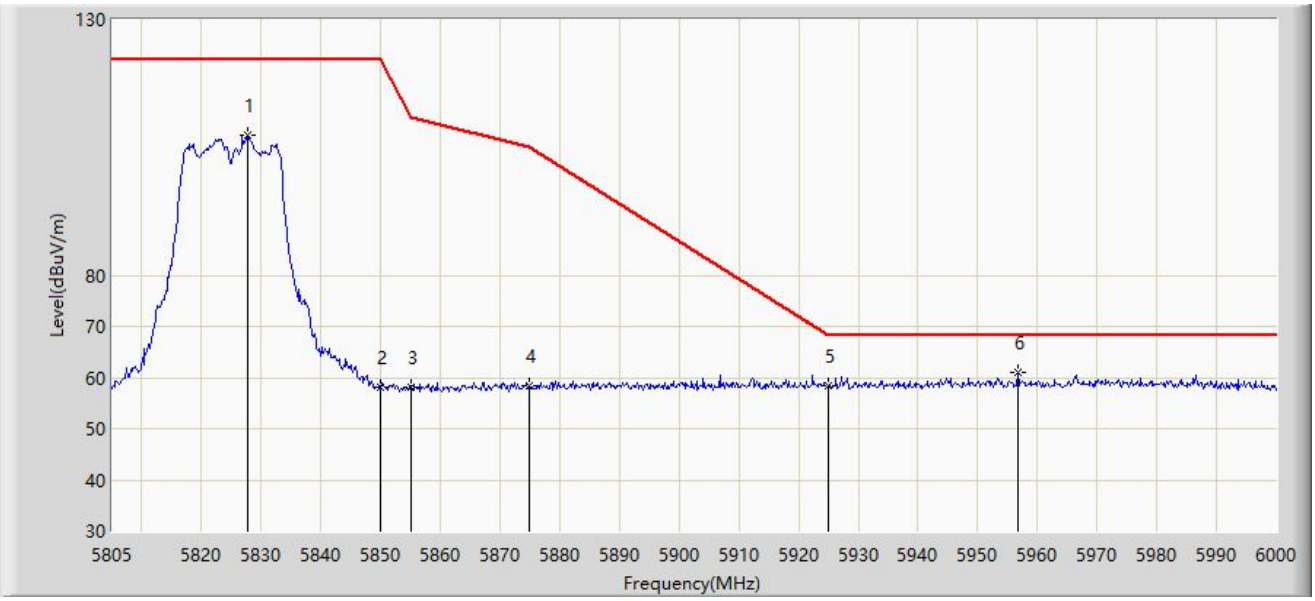
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5650.000	58.648	56.155	-9.552	68.200	2.492	PK
2		5700.000	58.206	55.417	-46.994	105.200	2.790	PK
3		5720.000	66.409	63.564	-44.391	110.800	2.846	PK
4		5725.000	69.018	66.220	-53.182	122.200	2.799	PK
5		5742.395	118.539	115.947	N/A	N/A	2.592	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 14:51
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



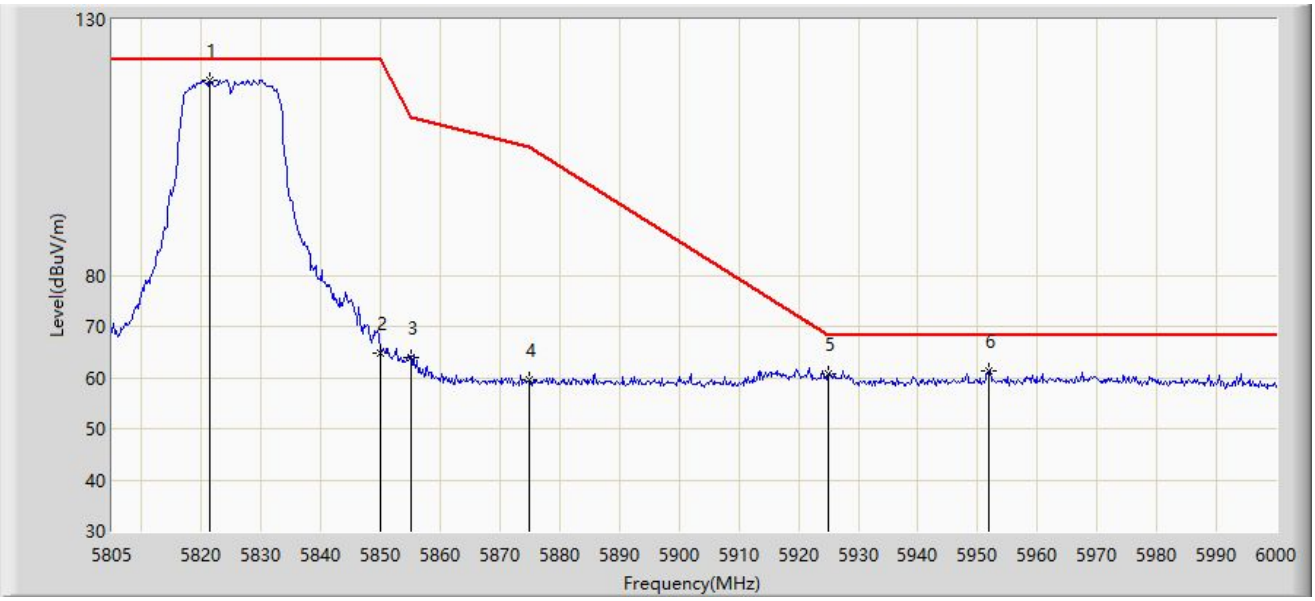
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5827.620	107.366	104.190	N/A	N/A	3.176	PK
2		5850.000	58.086	54.906	-64.114	122.200	3.179	PK
3		5855.000	58.152	54.971	-52.648	110.800	3.181	PK
4		5875.000	58.461	55.087	-46.739	105.200	3.374	PK
5		5925.000	58.339	54.897	-9.861	68.200	3.441	PK
6	*	5956.710	61.032	57.234	-7.168	68.200	3.798	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 14:55
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



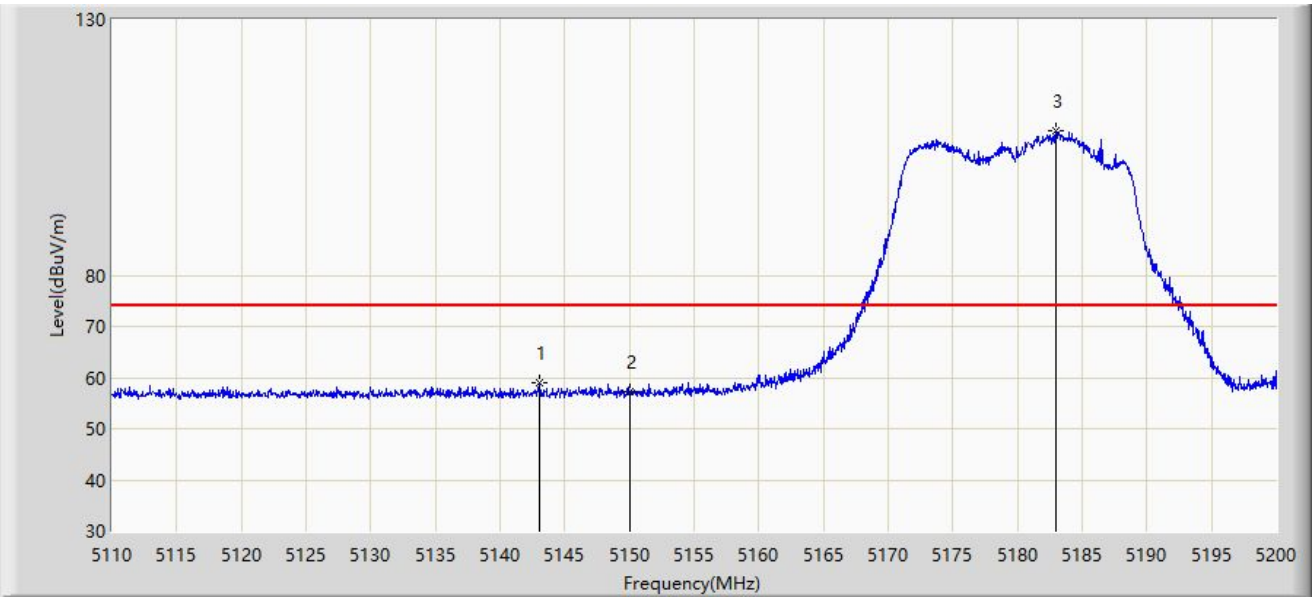
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5821.380	118.170	114.977	N/A	N/A	3.193	PK
2		5850.000	64.822	61.642	-57.378	122.200	3.179	PK
3		5855.000	64.024	60.843	-46.776	110.800	3.181	PK
4		5875.000	59.515	56.141	-45.685	105.200	3.374	PK
5		5925.000	60.734	57.292	-7.466	68.200	3.441	PK
6	*	5951.835	61.416	57.656	-6.784	68.200	3.760	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 13:51
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5143.030	58.939	56.650	-15.061	74.000	2.290	PK
2		5150.000	57.247	54.959	-16.753	74.000	2.287	PK
3		5182.990	108.306	106.140	N/A	N/A	2.166	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 13:54
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	

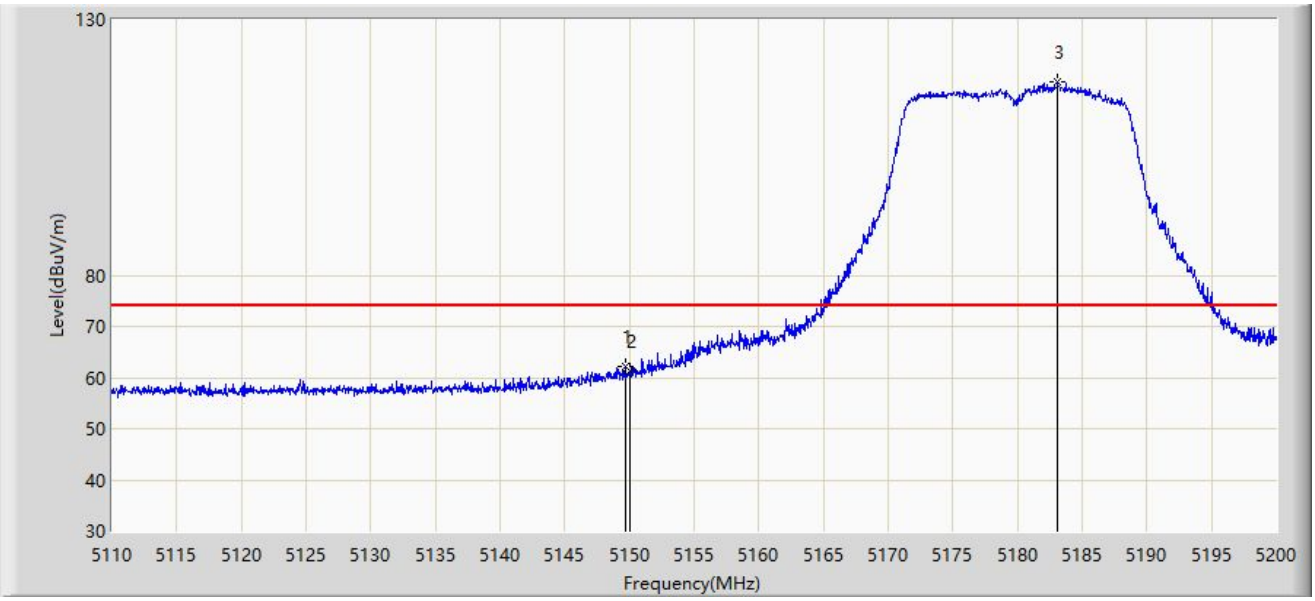
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.285	46.487	44.193	-7.513	54.000	2.294	AV
2		5150.000	46.472	44.184	-7.528	54.000	2.287	AV
3		5182.855	99.114	96.946	N/A	N/A	2.169	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 13:59
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



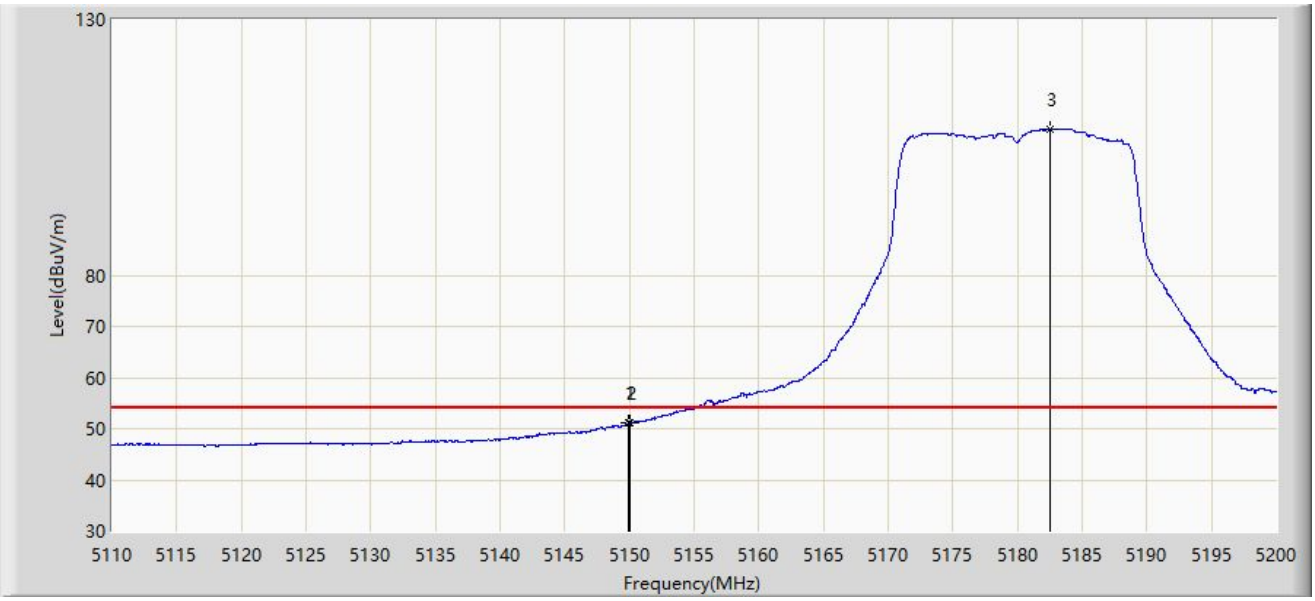
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.690	62.204	59.913	-11.796	74.000	2.290	PK
2		5150.000	61.346	59.058	-12.654	74.000	2.287	PK
3		5183.080	117.693	115.528	N/A	N/A	2.166	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 14:03
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



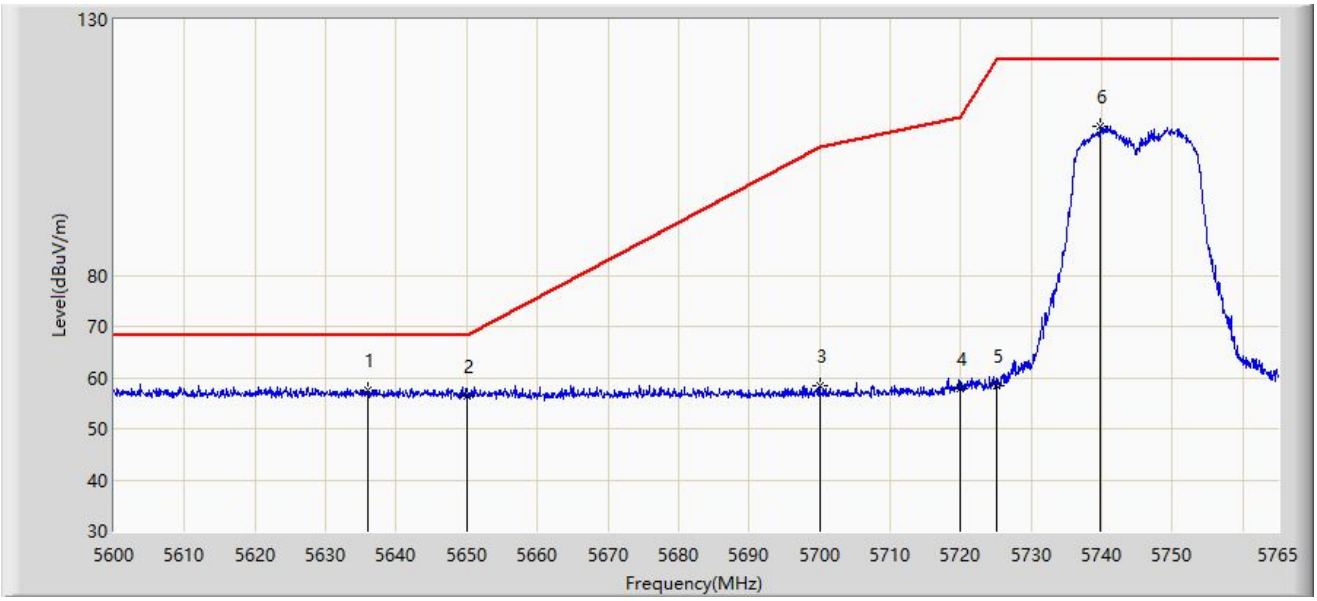
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.960	51.134	48.846	-2.866	54.000	2.288	AV
2		5150.000	51.085	48.797	-2.915	54.000	2.287	AV
3		5182.540	108.584	106.413	N/A	N/A	2.171	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 14:39
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



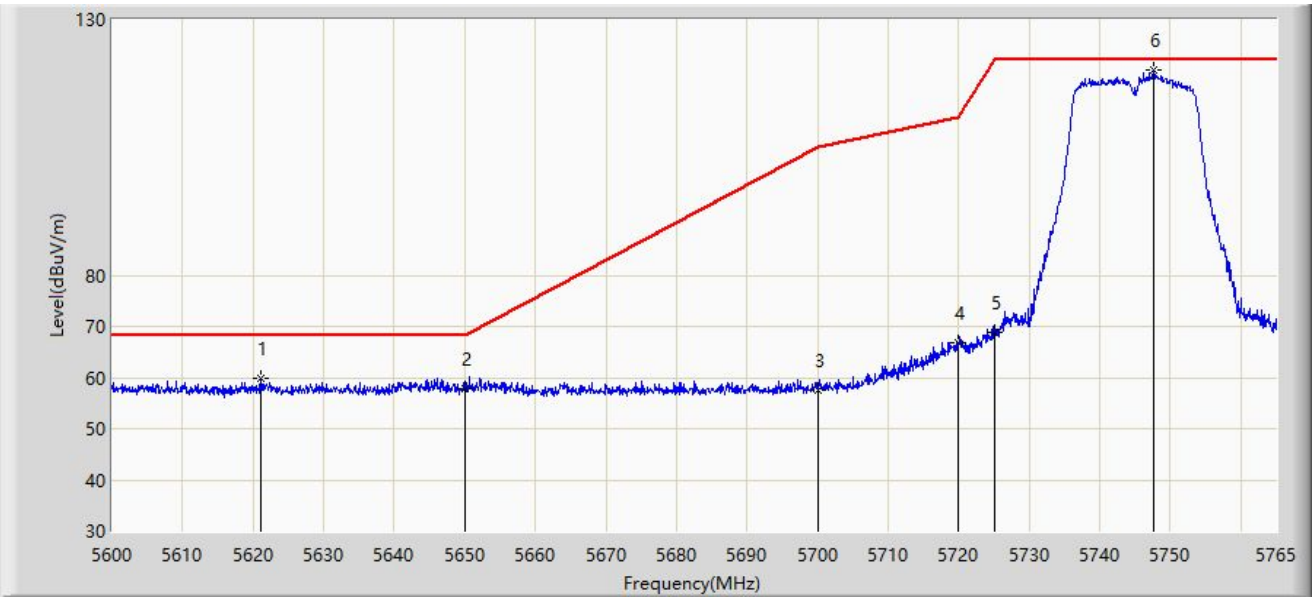
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5635.888	57.500	54.944	-10.700	68.200	2.556	PK
2		5650.000	56.410	53.917	-11.790	68.200	2.492	PK
3		5700.000	58.313	55.524	-46.887	105.200	2.790	PK
4		5720.000	57.935	55.090	-52.865	110.800	2.846	PK
5		5725.000	58.471	55.673	-63.729	122.200	2.799	PK
6		5739.672	109.180	106.555	N/A	N/A	2.624	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 14:41
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



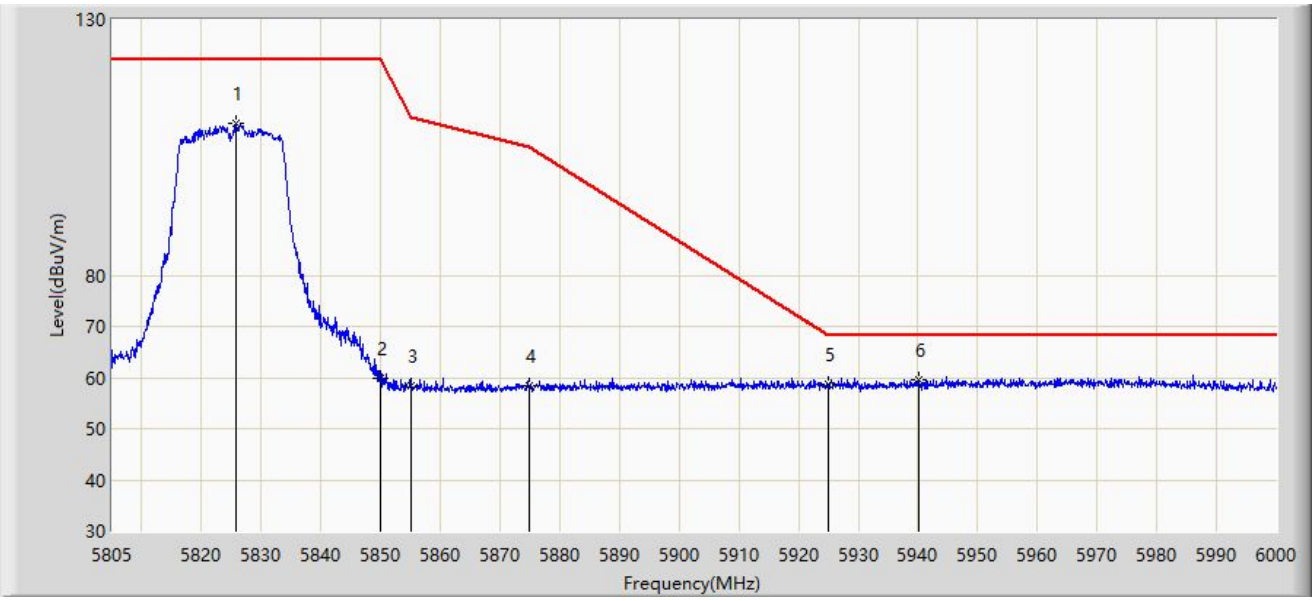
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5621.038	59.840	57.249	-8.360	68.200	2.591	PK
2		5650.000	57.904	55.411	-10.296	68.200	2.492	PK
3		5700.000	57.638	54.849	-47.562	105.200	2.790	PK
4		5720.000	66.778	63.933	-44.022	110.800	2.846	PK
5		5725.000	68.764	65.966	-53.436	122.200	2.799	PK
6		5747.592	120.194	117.531	N/A	N/A	2.663	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 14:43
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



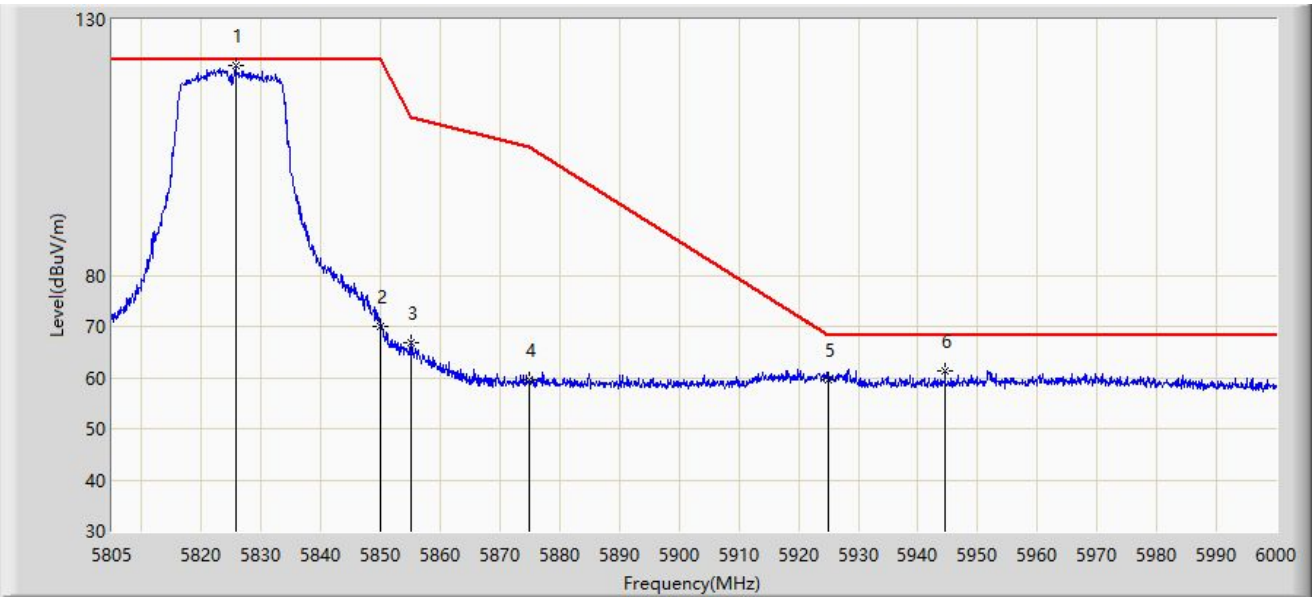
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5825.768	109.704	106.523	N/A	N/A	3.181	PK
2		5850.000	59.971	56.791	-62.229	122.200	3.179	PK
3		5855.000	58.294	55.113	-52.506	110.800	3.181	PK
4		5875.000	58.345	54.971	-46.855	105.200	3.374	PK
5		5925.000	58.618	55.176	-9.582	68.200	3.441	PK
6	*	5940.038	59.545	55.946	-8.655	68.200	3.599	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/19 - 14:48
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



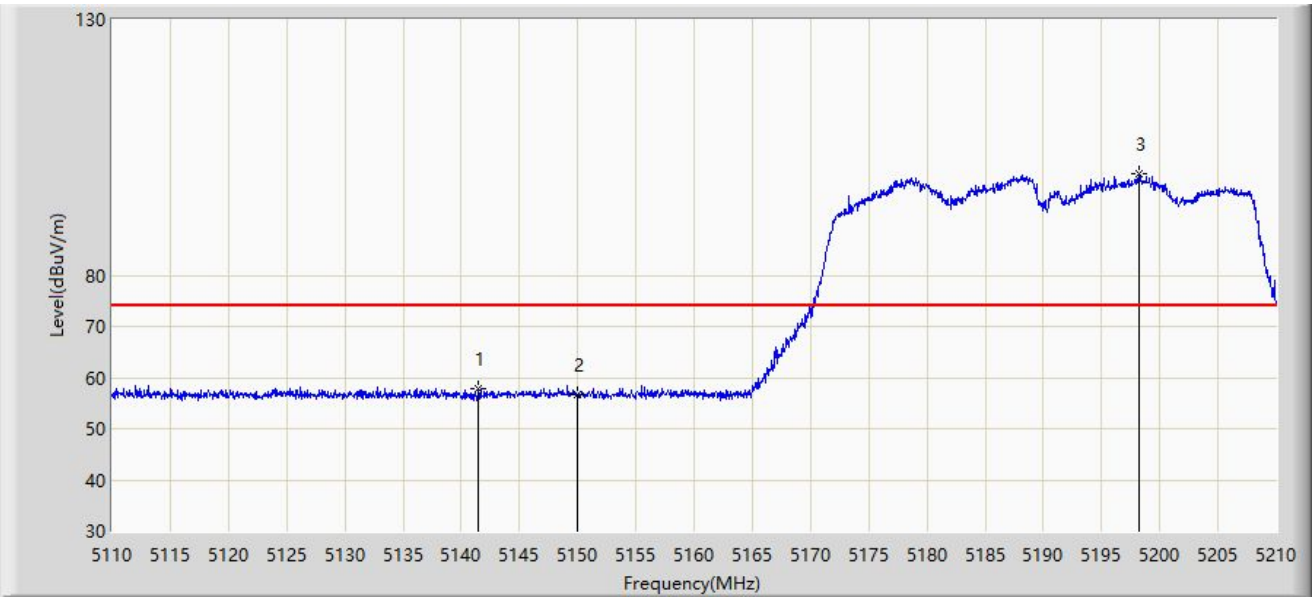
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5825.670	121.137	117.956	N/A	N/A	3.181	PK
2		5850.000	69.937	66.757	-52.263	122.200	3.179	PK
3		5855.000	66.716	63.535	-44.084	110.800	3.181	PK
4		5875.000	59.477	56.103	-45.723	105.200	3.374	PK
5		5925.000	59.499	56.057	-8.701	68.200	3.441	PK
6	*	5944.522	61.367	57.689	-6.833	68.200	3.679	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 11:11
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



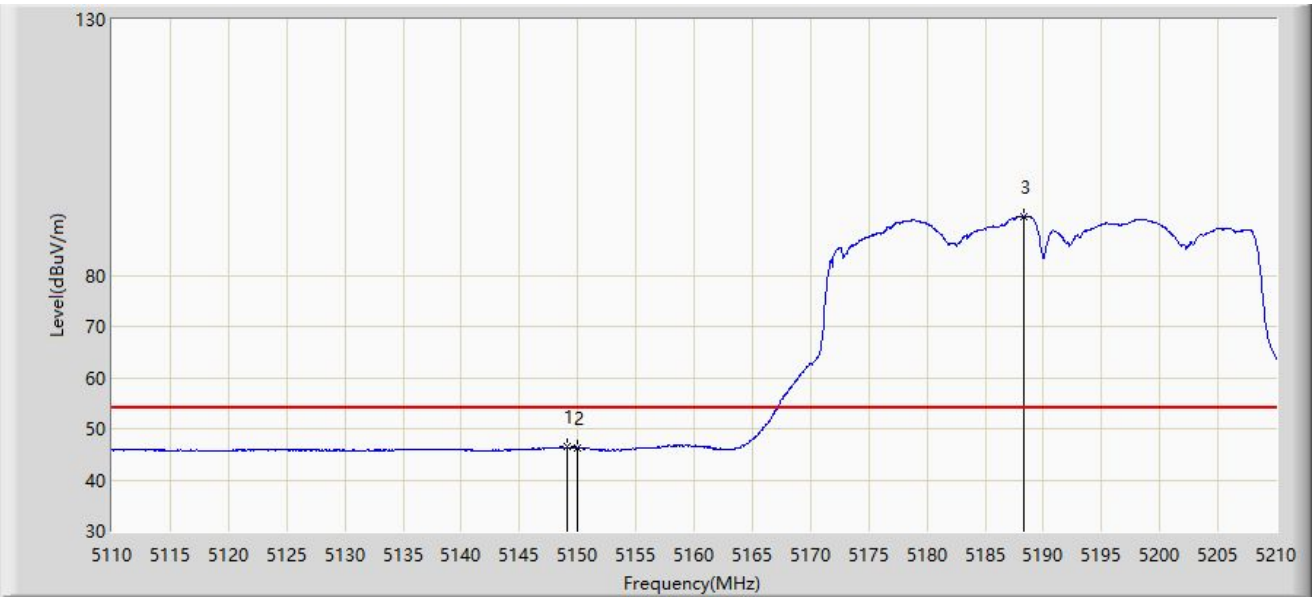
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5141.500	57.961	55.676	-10.239	68.200	2.285	PK
2		5150.000	56.589	54.301	-11.611	68.200	2.287	PK
3		5198.200	99.833	97.821	N/A	N/A	2.012	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 11:12
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



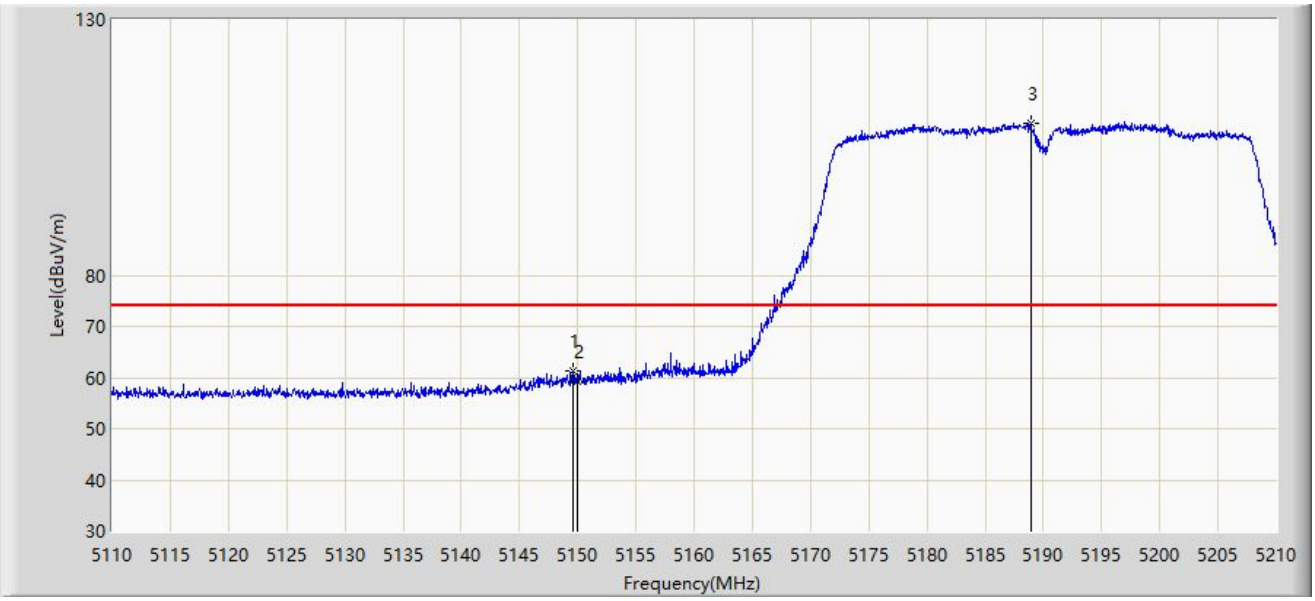
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.050	46.382	44.086	-7.618	54.000	2.296	AV
2		5150.000	46.186	43.898	-7.814	54.000	2.287	AV
3		5188.350	91.566	89.454	N/A	N/A	2.112	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 11:17
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



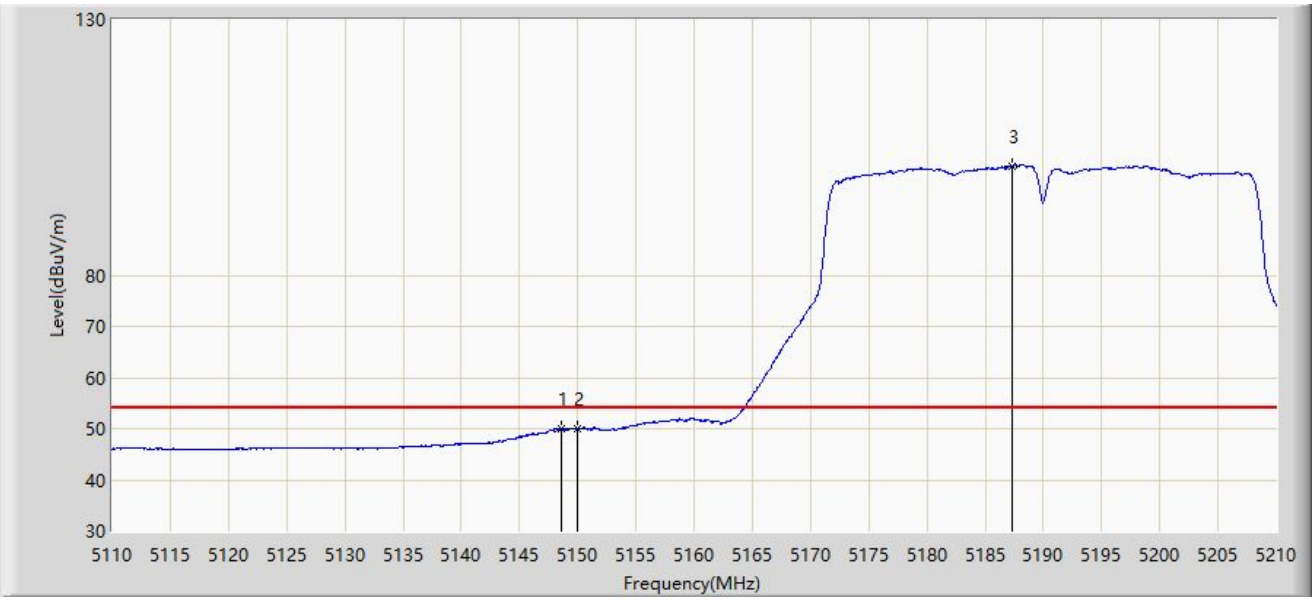
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.650	61.380	59.089	-12.620	74.000	2.290	PK
2		5150.000	59.232	56.944	-14.768	74.000	2.287	PK
3		5188.950	109.756	107.650	N/A	N/A	2.106	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 11:19
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



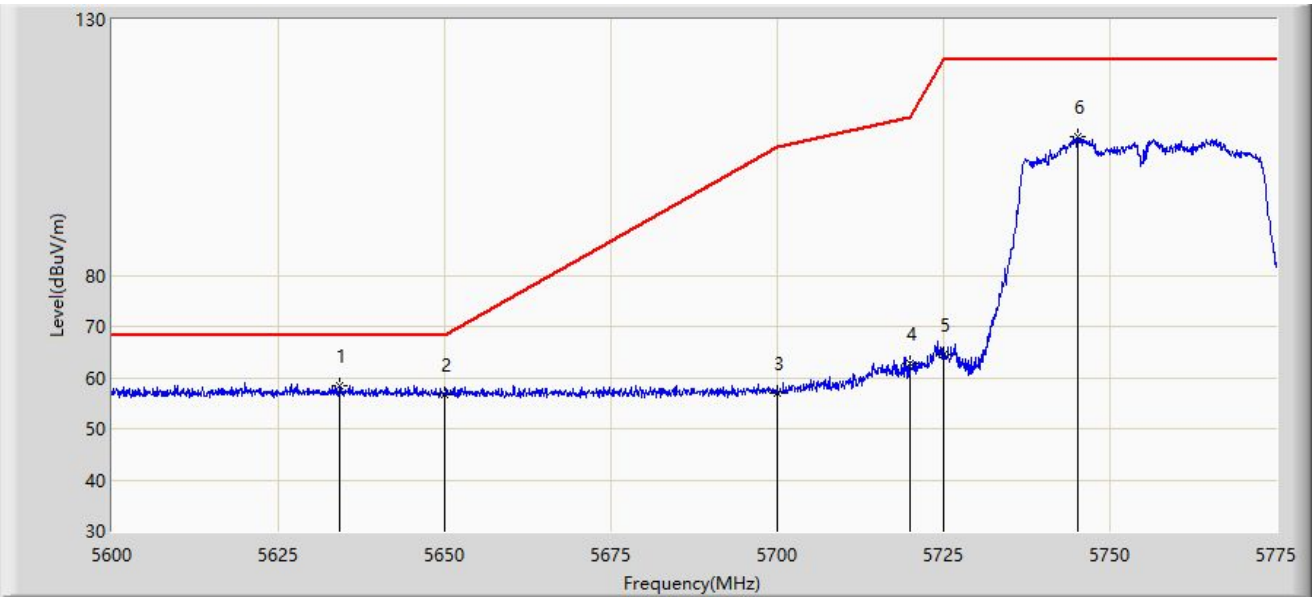
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.600	50.002	47.702	-3.998	54.000	2.300	AV
2		5150.000	49.902	47.614	-4.098	54.000	2.287	AV
3		5187.300	101.394	99.271	N/A	N/A	2.122	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 11:49
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



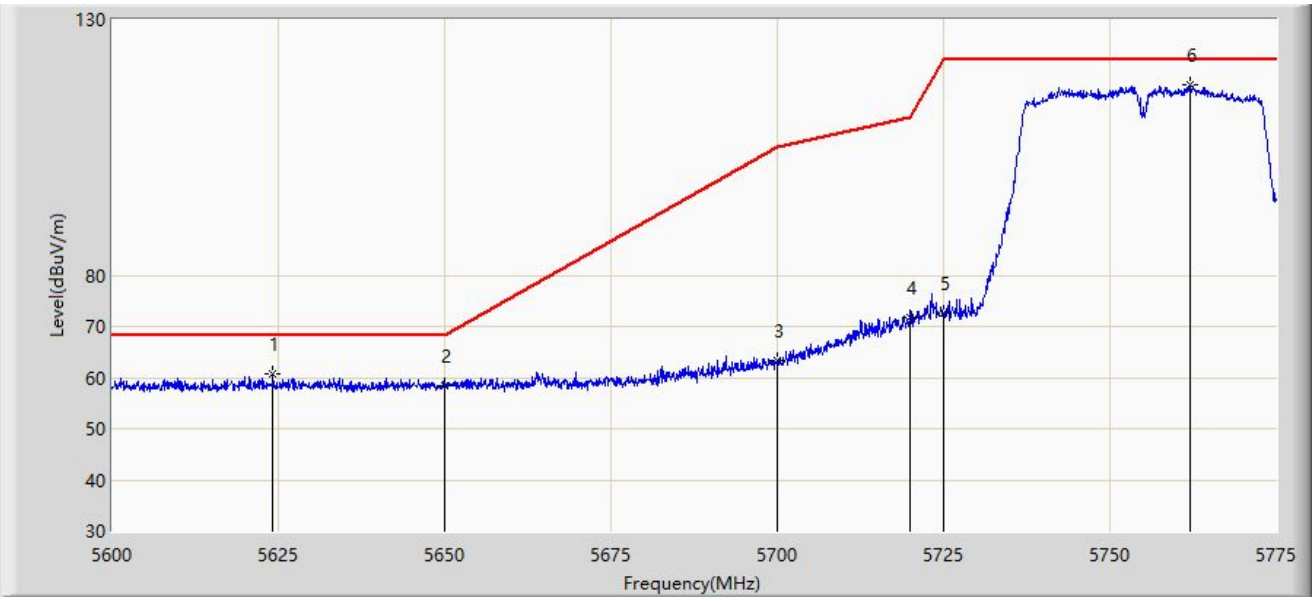
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5634.300	58.469	55.901	-9.731	68.200	2.568	PK
2		5650.000	56.730	54.237	-11.470	68.200	2.492	PK
3		5700.000	56.936	54.147	-48.264	105.200	2.790	PK
4		5720.000	62.871	60.026	-47.929	110.800	2.846	PK
5		5725.000	64.551	61.753	-57.649	122.200	2.799	PK
6		5745.250	107.169	104.546	N/A	N/A	2.622	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 13:10
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



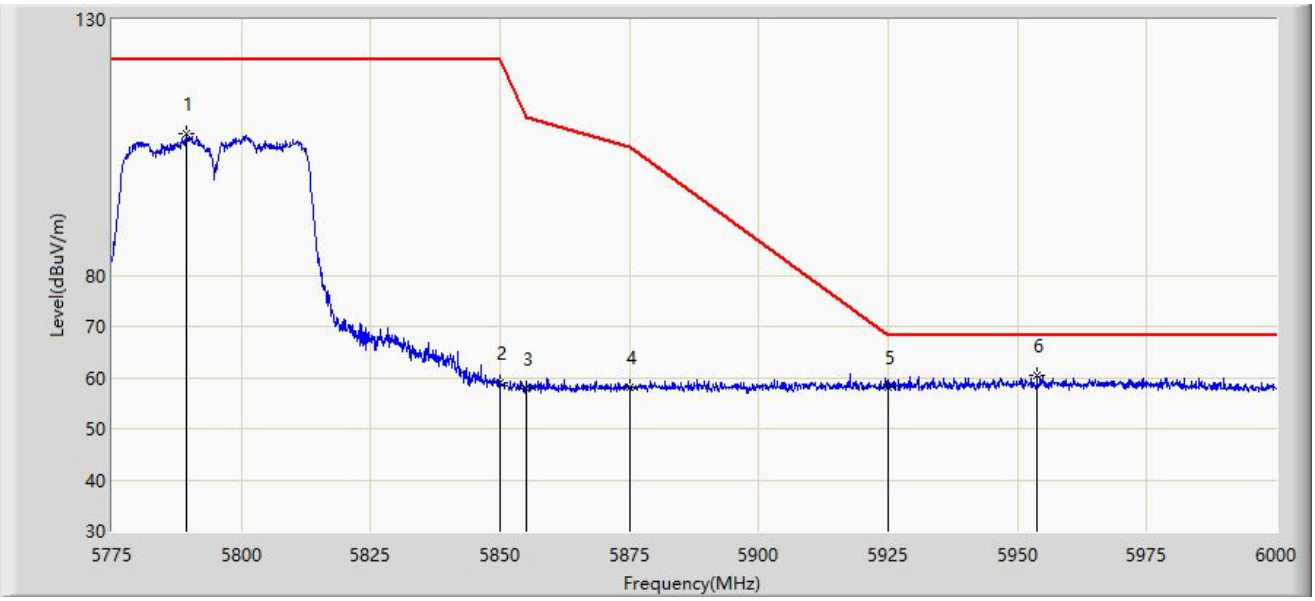
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5624.150	60.610	57.968	-7.590	68.200	2.642	PK
2		5650.000	58.283	55.790	-9.917	68.200	2.492	PK
3		5700.000	63.204	60.415	-41.996	105.200	2.790	PK
4		5720.000	71.808	68.963	-38.992	110.800	2.846	PK
5		5725.000	72.496	69.698	-49.704	122.200	2.799	PK
6		5761.962	117.112	114.241	N/A	N/A	2.871	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 13:13
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



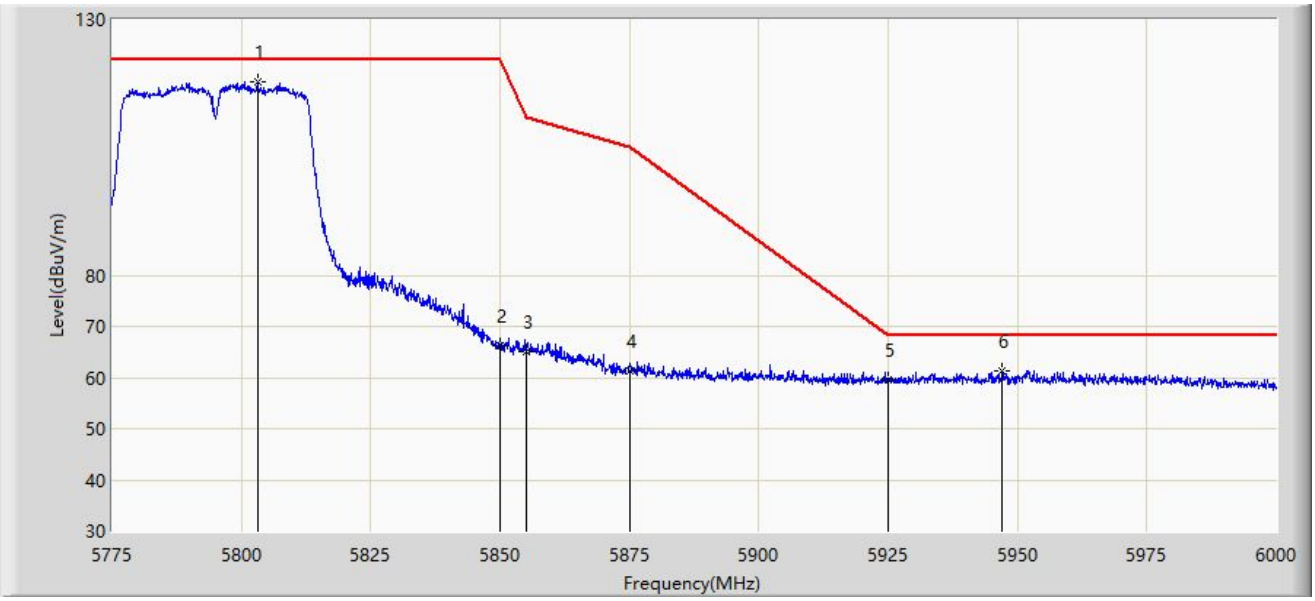
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5789.288	107.661	104.822	N/A	N/A	2.839	PK
2		5850.000	58.970	55.790	-63.230	122.200	3.179	PK
3		5855.000	57.793	54.612	-53.007	110.800	3.181	PK
4		5875.000	58.038	54.664	-47.162	105.200	3.374	PK
5		5925.000	58.242	54.800	-9.958	68.200	3.441	PK
6	*	5953.763	60.322	56.547	-7.878	68.200	3.775	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 13:14
Limit: FCC_5.8G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



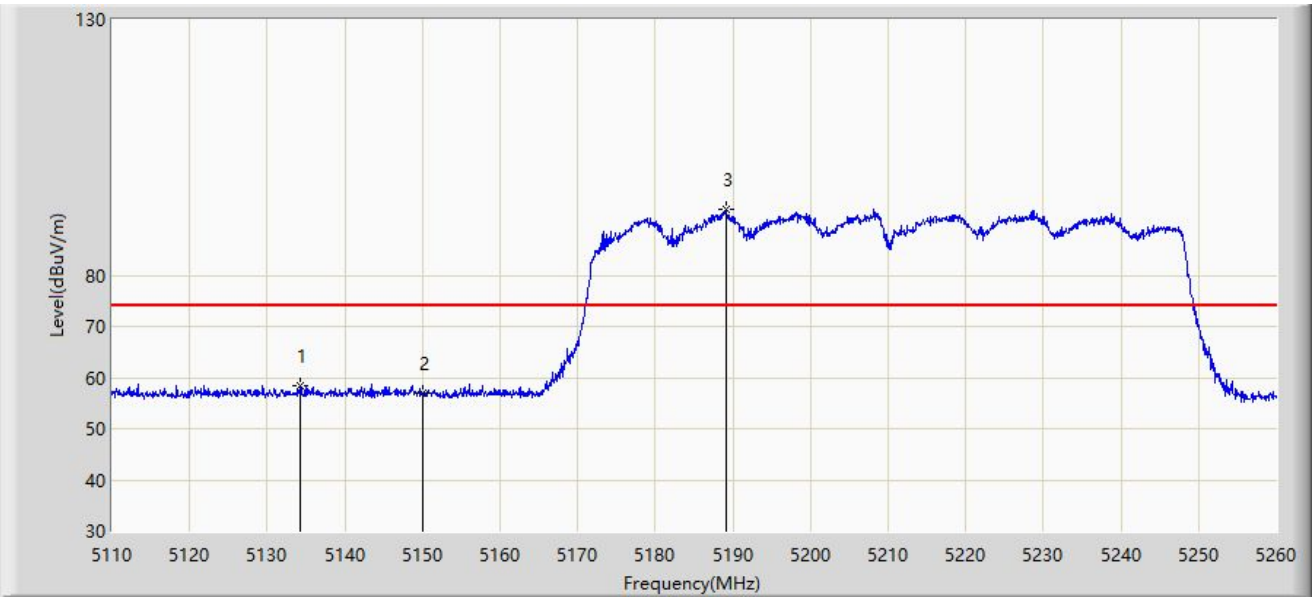
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5803.125	117.878	114.835	N/A	N/A	3.042	PK
2		5850.000	66.288	63.108	-55.912	122.200	3.179	PK
3		5855.000	65.100	61.919	-45.700	110.800	3.181	PK
4		5875.000	61.368	57.994	-43.832	105.200	3.374	PK
5		5925.000	59.659	56.217	-8.541	68.200	3.441	PK
6	*	5947.013	61.372	57.650	-6.828	68.200	3.723	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 13:17
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



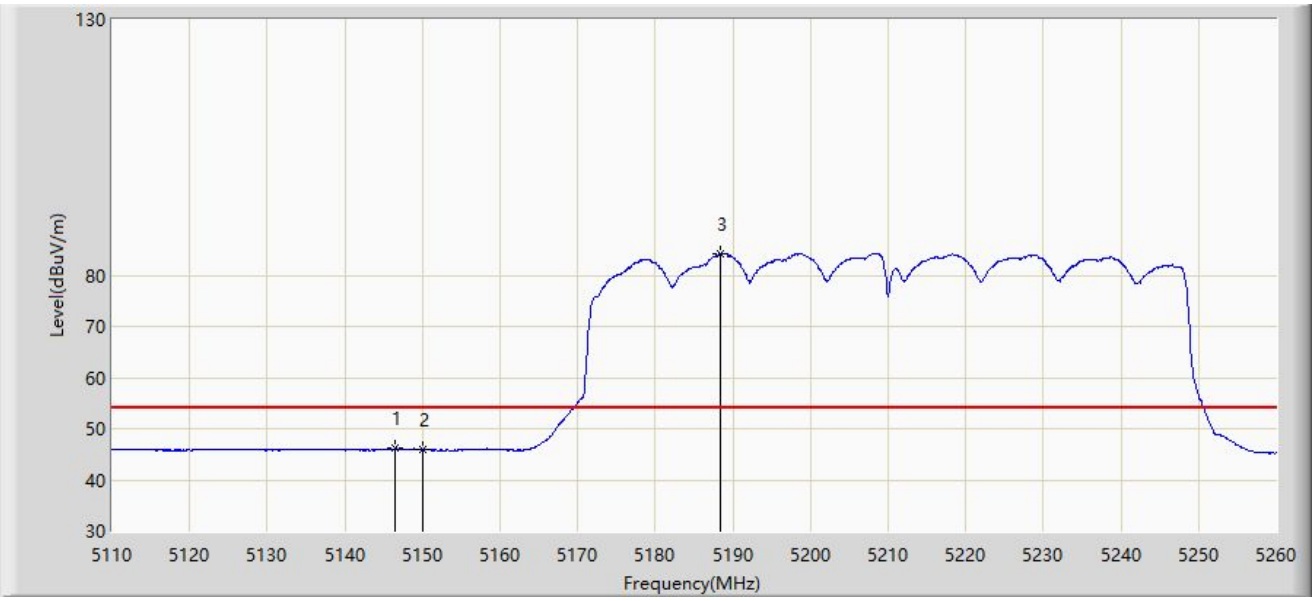
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5134.225	58.530	56.268	-15.470	74.000	2.261	PK
2		5150.000	56.898	54.610	-17.102	74.000	2.287	PK
3		5189.050	92.804	90.699	N/A	N/A	2.105	PK

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2022/04/20 - 13:32
Limit: FCC_5G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5146.525	46.121	43.821	-7.879	54.000	2.301	AV
2		5150.000	45.871	43.583	-8.129	54.000	2.287	AV
3		5188.375	84.178	82.066	N/A	N/A	2.112	AV

Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).