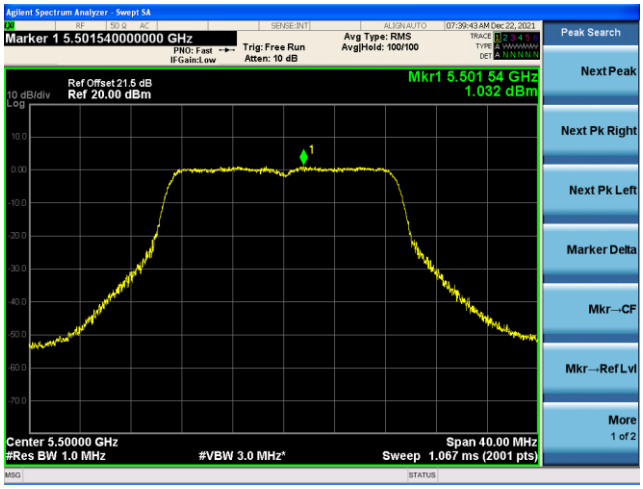
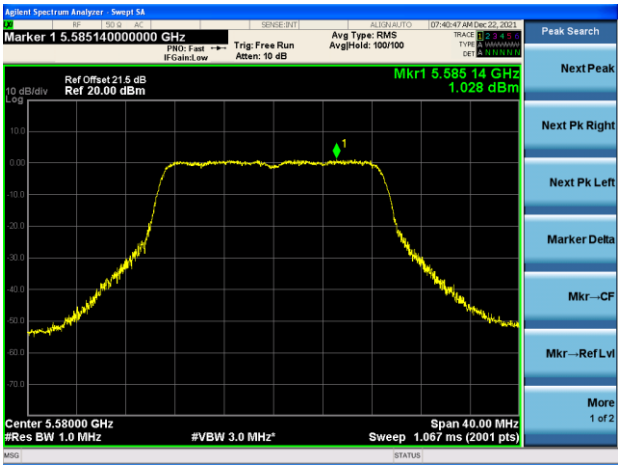
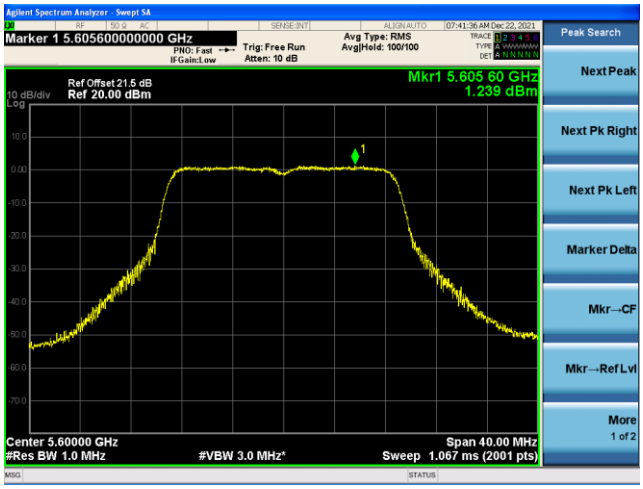
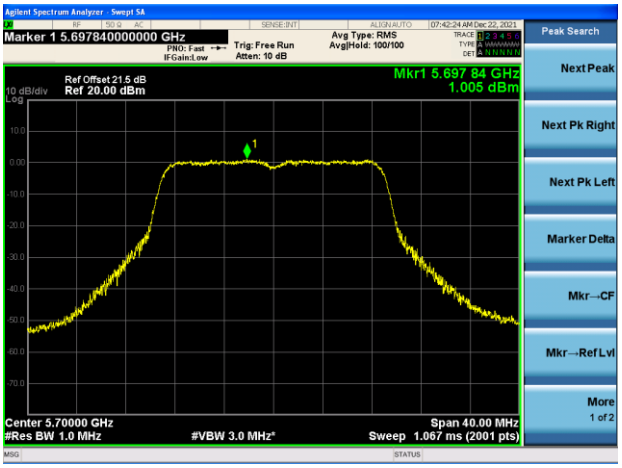
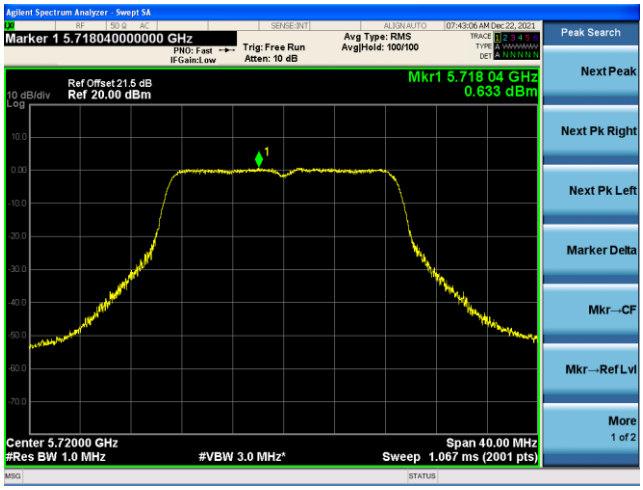
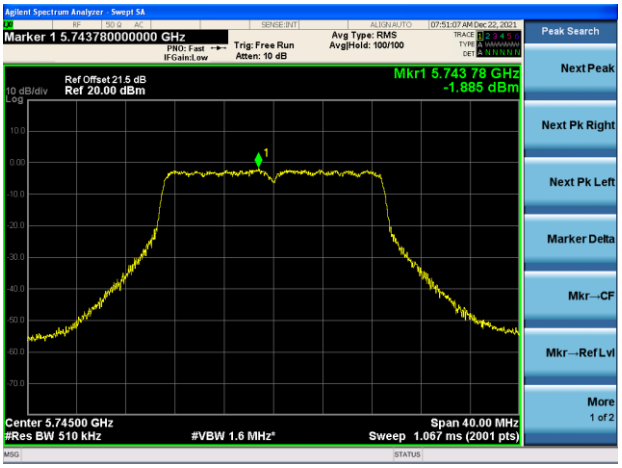
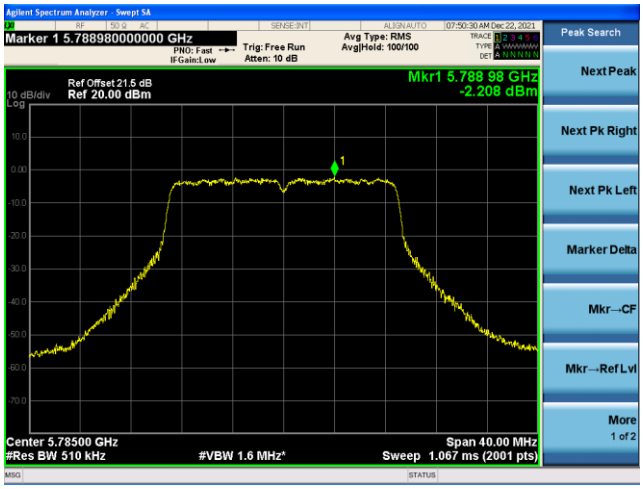
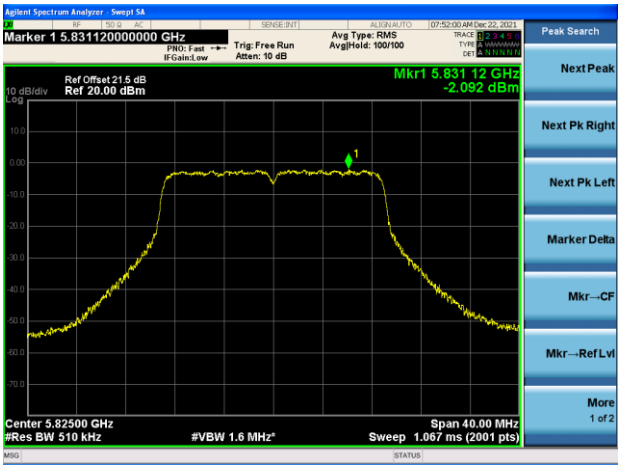
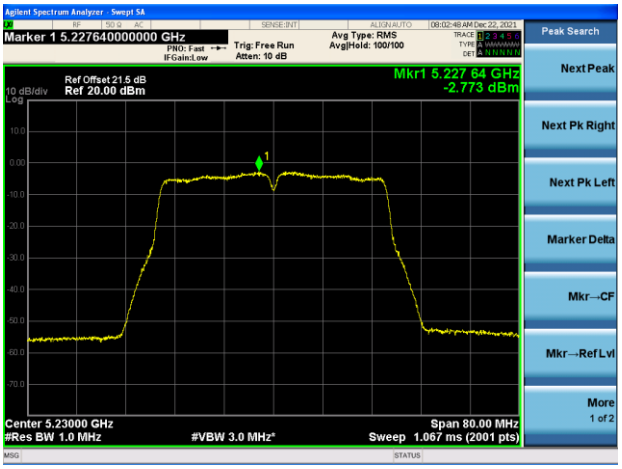
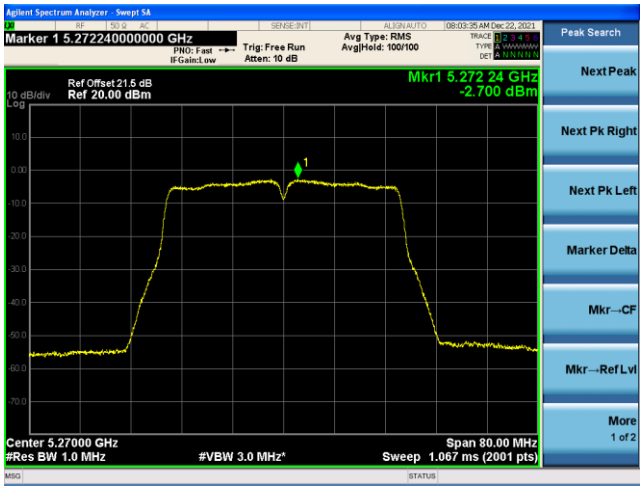
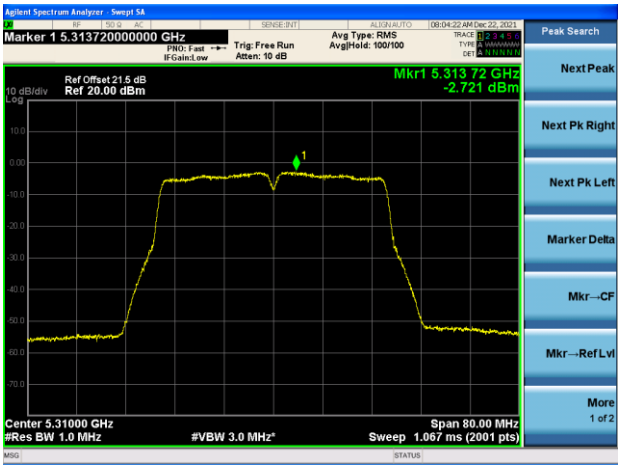
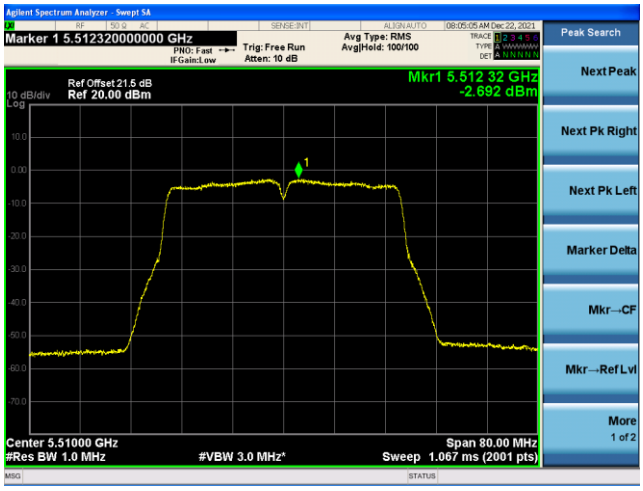
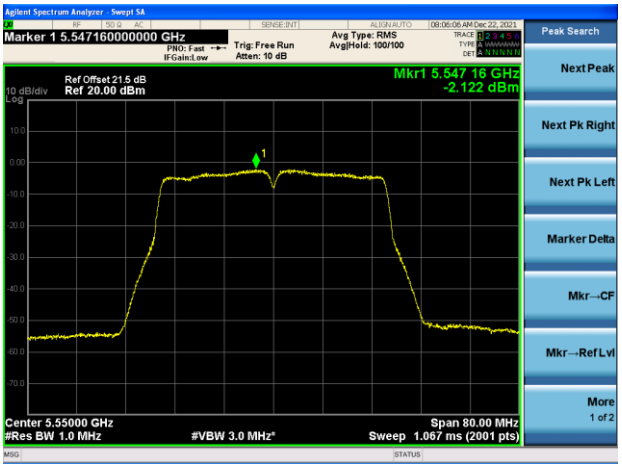
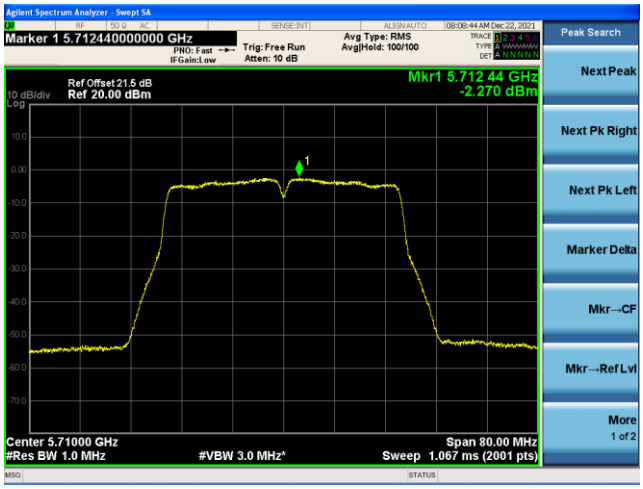
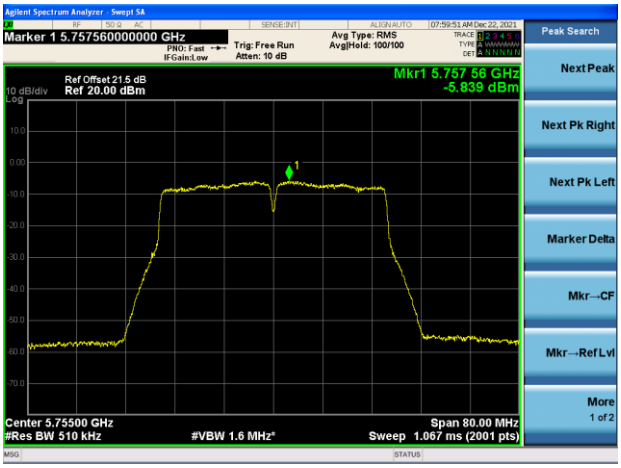
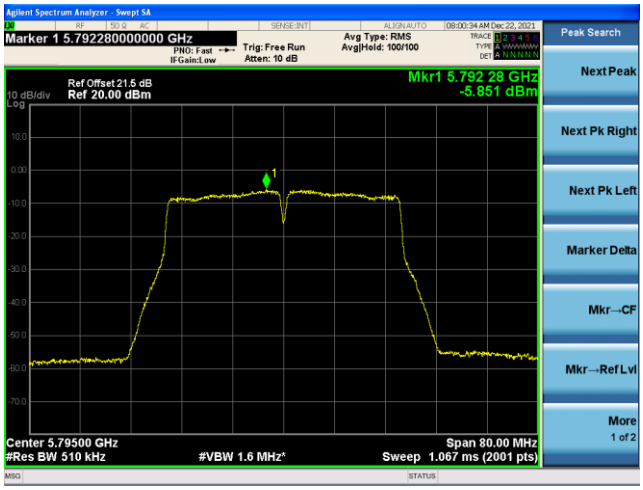
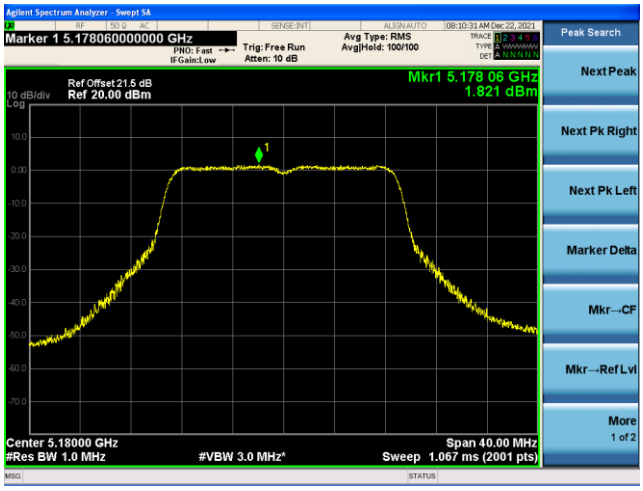
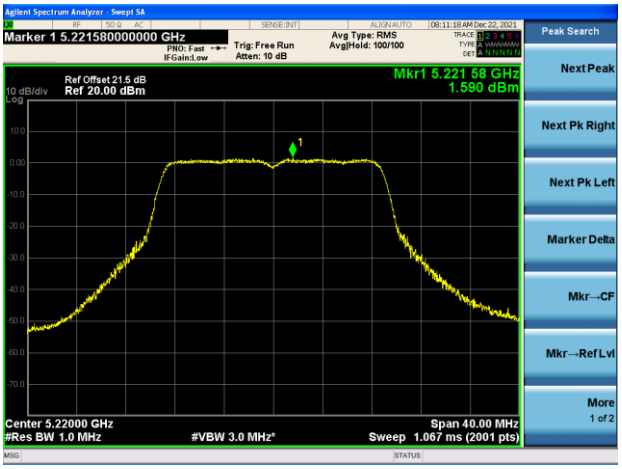
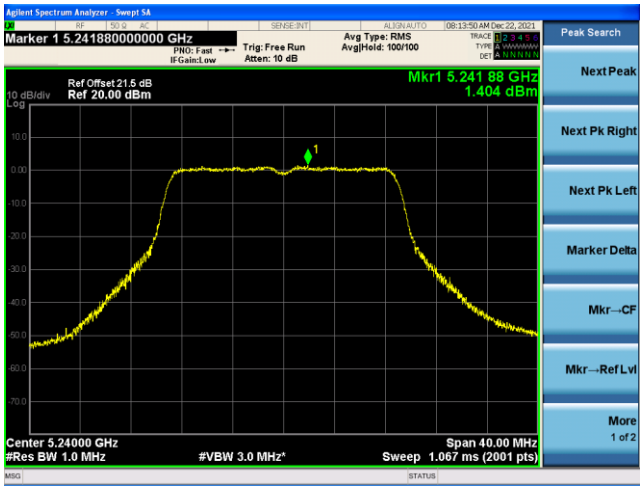
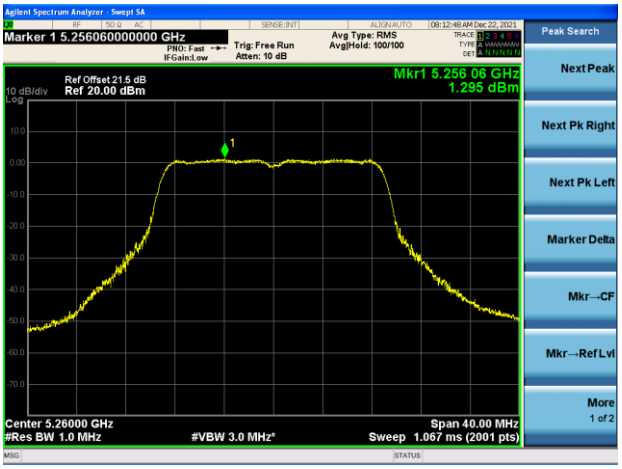
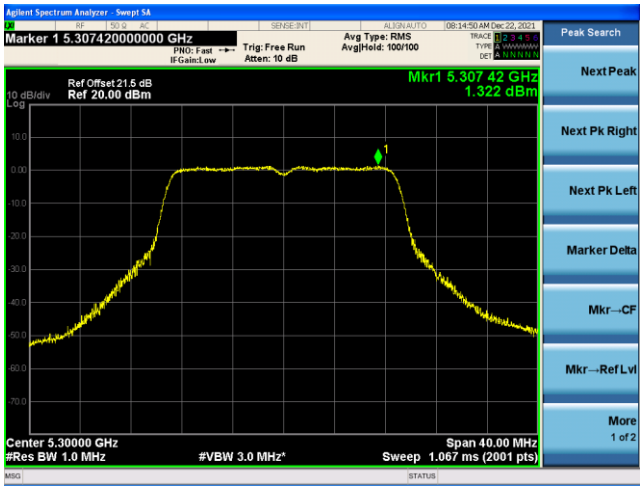
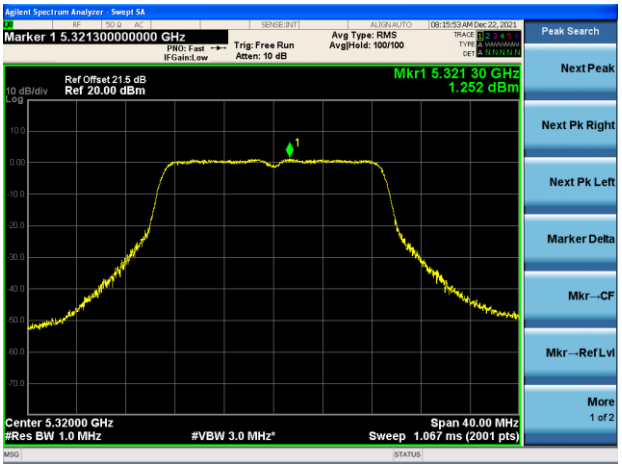
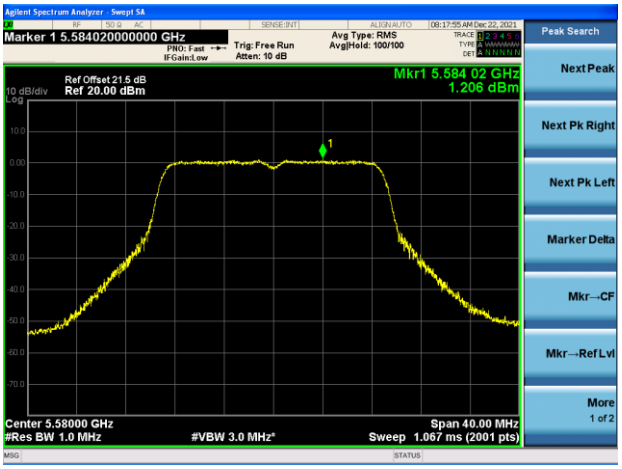
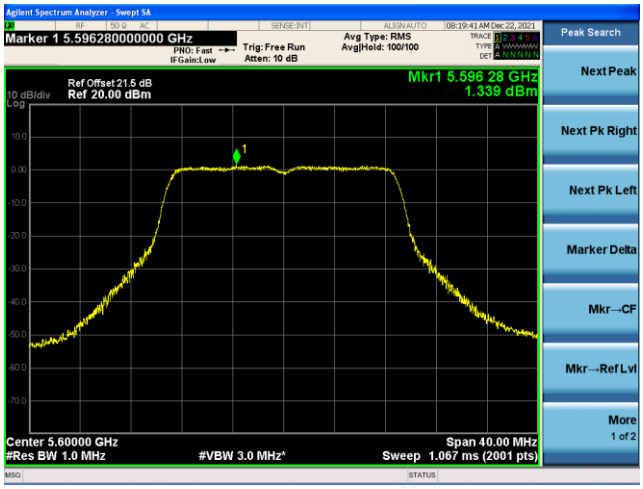
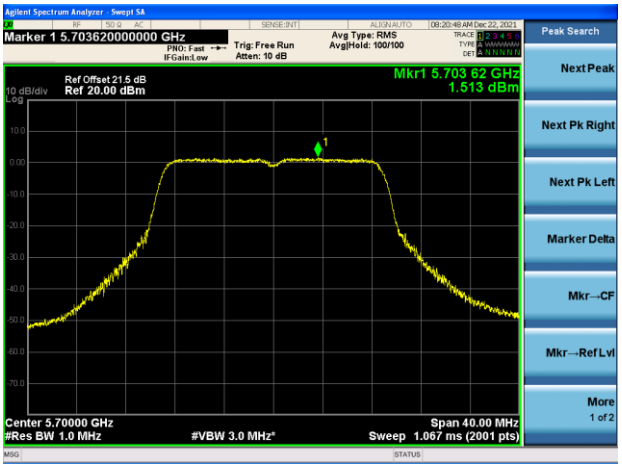
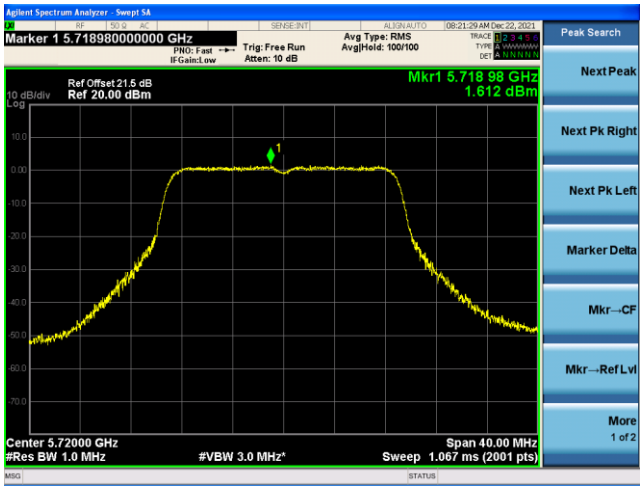
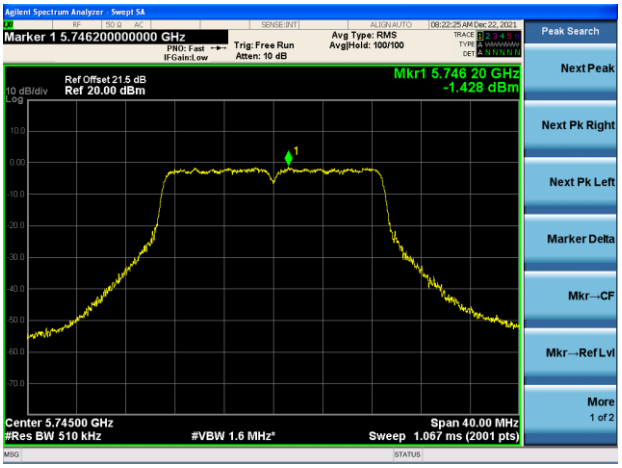
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 120 (5600MHz)	**Channel 140 (5700MHz)**
	
Channel 144 (5720MHz)	**Channel 149 (5745MHz)**
	

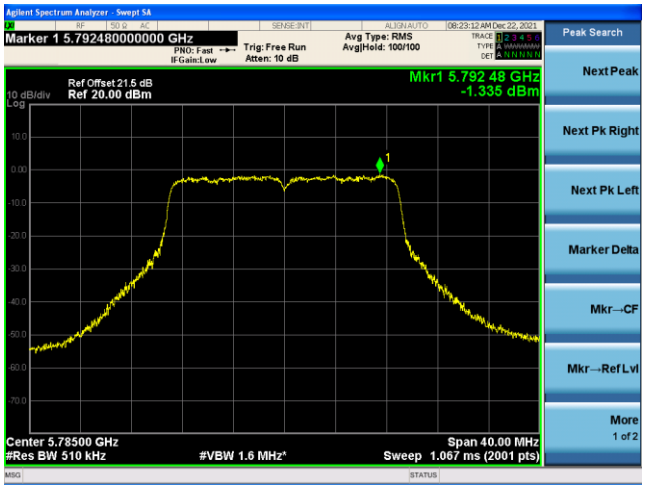
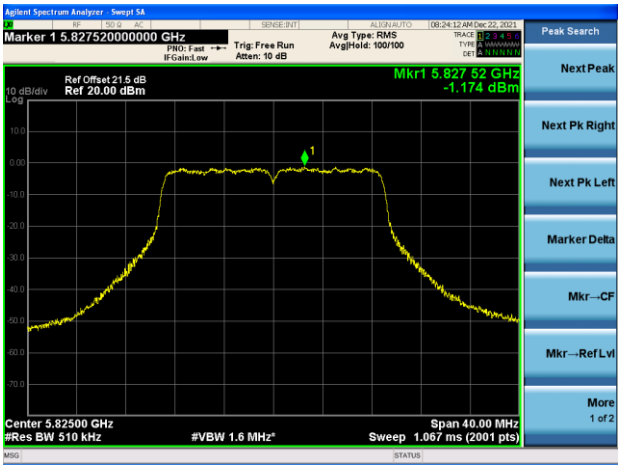
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

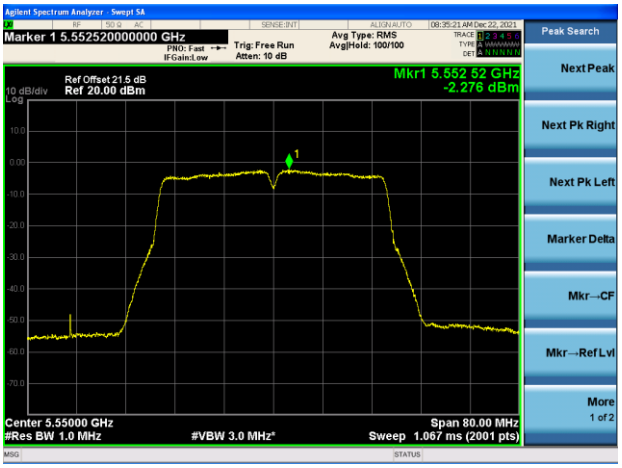
802.11n-HT40 Power Spectral Density	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

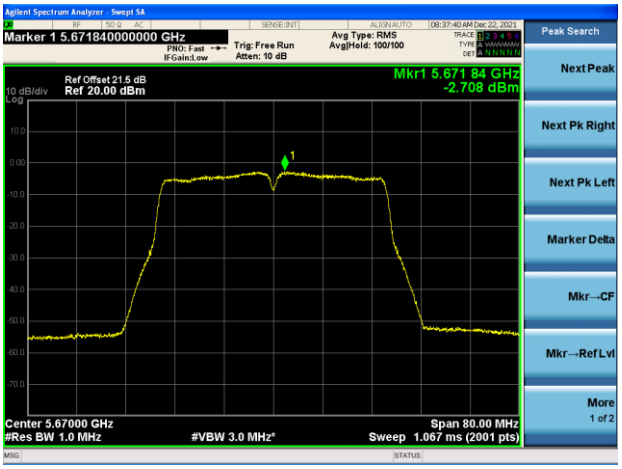
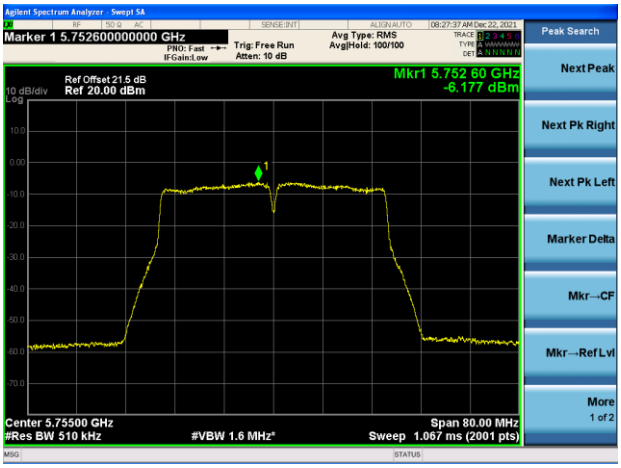
Channel 118 (5590MHz)	Channel 134 (5670MHz)
Channel 142 (5710MHz)	**Channel 151 (5755MHz)**
	
Channel 159 (5795MHz)	
	

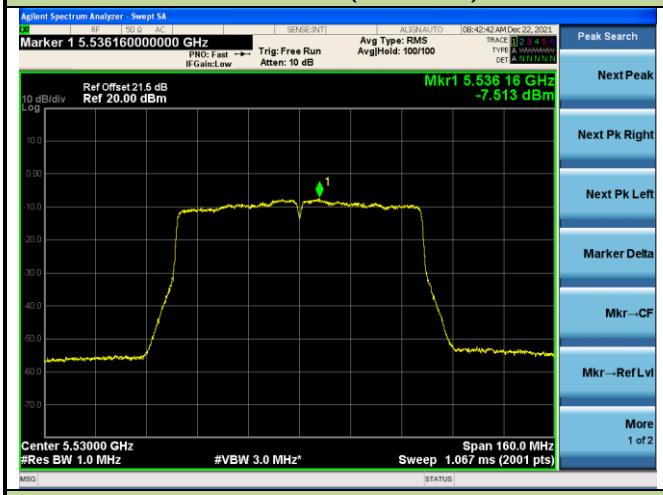
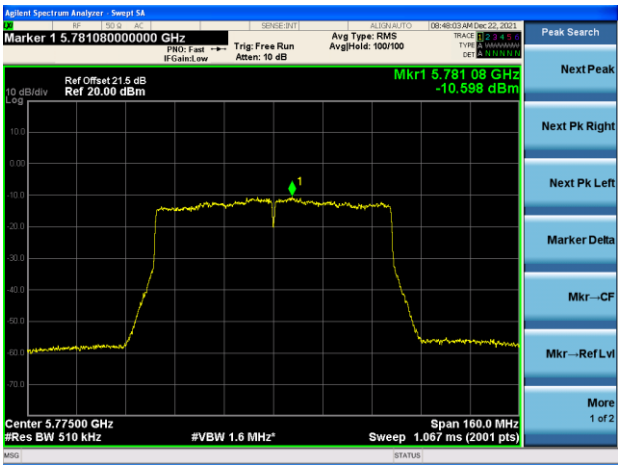
802.11ac-VHT20 Power Spectral Density	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 120 (5600MHz)	**Channel 140 (5700MHz)**
	
Channel 144 (5720MHz)	**Channel 149 (5745MHz)**
	

Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ac-VHT40 Power Spectral Density	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
Channel 54 (5270MHz)	Channel 62 (5310MHz)
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

Channel 118 (5590MHz)	Channel 134 (5670MHz)
	
Channel 142 (5710MHz)	**Channel 151 (5755MHz)**
	
Channel 159 (5795MHz)	

802.11ac-VHT80 Power Spectral Density	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

A.6 Frequency Stability Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2021/12/22	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Temp (°C)	Frequency Tolerance (ppm)			
		0 minutes	2 minutes	5 minutes	10 minutes
100	- 20	-3.22	-3.64	-3.85	-4.01
	- 10	-2.41	-3.71	-3.90	-4.04
	0	-2.49	-3.73	-3.90	-4.07
	+ 10	-2.63	-3.74	-3.93	-4.07
	+ 20	-2.75	-3.76	-3.94	-4.06
	+ 30	-2.86	-3.78	-3.96	-4.08
	+ 40	-3.53	-3.79	-3.98	-4.10
	+ 50	-3.55	-3.82	-3.99	-4.10
115	+ 20	-3.59	-3.82	-3.98	-4.12
85	+ 20	-3.63	-3.85	-3.99	-4.12

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

A.7 Radiated Spurious Emission Measurement Test Result

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	7664.0	34.3	8.8	43.1	74.0	-30.9	Peak	Horizontal
*	8811.5	32.4	11.8	44.2	68.2	-24.0	Peak	Horizontal
	11438.0	32.5	15.3	47.8	74.0	-26.2	Peak	Horizontal
*	12951.0	29.8	15.4	45.2	68.2	-23.0	Peak	Horizontal
	8352.5	34.7	10.0	44.7	74.0	-29.3	Peak	Vertical
*	9857.0	33.0	11.7	44.7	68.2	-23.5	Peak	Vertical
	11429.5	30.8	15.2	46.0	74.0	-28.0	Peak	Vertical
*	13070.0	29.9	15.8	45.7	68.2	-22.5	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8335.5	33.8	9.9	43.7	74.0	-30.3	Peak	Horizontal
*	8684.0	32.7	11.9	44.6	68.2	-23.6	Peak	Horizontal
	11115.0	32.0	15.6	47.6	74.0	-26.4	Peak	Horizontal
*	13104.0	31.9	15.3	47.2	68.2	-21.0	Peak	Horizontal
	8284.5	33.7	9.6	43.3	74.0	-30.7	Peak	Vertical
*	8709.5	31.8	12.2	44.0	68.2	-24.2	Peak	Vertical
	11106.5	32.8	15.3	48.1	74.0	-25.9	Peak	Vertical
*	13231.5	32.1	15.8	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8352.5	32.8	10.0	42.8	74.0	-31.2	Peak	Horizontal
*	10078.0	30.9	12.6	43.5	68.2	-24.7	Peak	Horizontal
	11191.5	32.1	15.5	47.6	74.0	-26.4	Peak	Horizontal
*	12985.0	30.7	15.8	46.5	68.2	-21.7	Peak	Horizontal
	8386.5	33.8	10.0	43.8	74.0	-30.2	Peak	Vertical
*	9908.0	32.8	12.3	45.1	68.2	-23.1	Peak	Vertical
	12330.5	32.1	14.6	46.7	74.0	-27.3	Peak	Vertical
*	13138.0	30.7	15.8	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11a – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8327.0	33.2	9.7	42.9	74.0	-31.1	Peak	Horizontal
*	10078.0	33.4	12.6	46.0	68.2	-22.2	Peak	Horizontal
	11506.0	31.6	15.5	47.1	74.0	-26.9	Peak	Horizontal
*	13665.0	30.6	16.6	47.2	68.2	-21.0	Peak	Horizontal
	8284.5	34.2	9.6	43.8	74.0	-30.2	Peak	Vertical
*	10035.5	31.9	12.7	44.6	68.2	-23.6	Peak	Vertical
	11387.0	30.3	15.0	45.3	74.0	-28.7	Peak	Vertical
*	12840.5	30.3	15.0	45.3	68.2	-22.9	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11a – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8429.0	32.5	10.1	42.6	74.0	-31.4	Peak	Horizontal
*	9899.5	32.8	12.2	45.0	68.2	-23.2	Peak	Horizontal
	11608.0	31.4	16.0	47.4	74.0	-26.6	Peak	Horizontal
*	12849.0	31.1	15.2	46.3	68.2	-21.9	Peak	Horizontal
	8420.5	34.0	10.2	44.2	74.0	-29.8	Peak	Vertical
*	10035.5	31.9	12.7	44.6	68.2	-23.6	Peak	Vertical
	11021.5	33.7	14.7	48.4	74.0	-25.6	Peak	Vertical
*	13928.5	32.0	16.7	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8378.0	33.6	10.0	43.6	74.0	-30.4	Peak	Horizontal
*	8879.5	31.9	11.8	43.7	68.2	-24.5	Peak	Horizontal
	10970.5	32.3	14.5	46.8	74.0	-27.2	Peak	Horizontal
*	12857.5	31.2	15.1	46.3	68.2	-21.9	Peak	Horizontal
	8242.0	32.6	9.5	42.1	74.0	-31.9	Peak	Vertical
*	10154.5	33.7	12.6	46.3	68.2	-21.9	Peak	Vertical
	11446.5	32.6	15.2	47.8	74.0	-26.2	Peak	Vertical
*	13614.0	31.6	16.2	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11a – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8369.5	33.8	9.9	43.7	74.0	-30.3	Peak	Horizontal
*	9899.5	33.7	12.2	45.9	68.2	-22.3	Peak	Horizontal
	11608.0	31.4	16.0	47.4	74.0	-26.6	Peak	Horizontal
*	12806.5	32.6	14.7	47.3	68.2	-20.9	Peak	Horizontal
	8199.5	33.7	9.1	42.8	74.0	-31.2	Peak	Vertical
*	9899.5	33.9	12.2	46.1	68.2	-22.1	Peak	Vertical
	11132.0	32.1	15.3	47.4	74.0	-26.6	Peak	Vertical
*	14030.5	32.7	17.0	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11a – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8454.5	33.5	10.5	44.0	74.0	-30.0	Peak	Horizontal
*	10146.0	32.8	12.7	45.5	68.2	-22.7	Peak	Horizontal
	11803.5	32.6	14.9	47.5	74.0	-26.5	Peak	Horizontal
*	14047.5	32.5	16.8	49.3	68.2	-18.9	Peak	Horizontal
	8369.5	34.2	9.9	44.1	74.0	-29.9	Peak	Vertical
*	9755.0	33.4	12.1	45.5	68.2	-22.7	Peak	Vertical
	11081.0	32.1	15.2	47.3	74.0	-26.7	Peak	Vertical
*	13826.5	32.1	16.9	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11a – Channel 120
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8446.0	32.9	10.4	43.3	74.0	-30.7	Peak	Horizontal
*	9993.0	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
	11200.0	31.1	15.6	46.7	74.0	-27.3	Peak	Horizontal
*	13605.5	32.3	16.5	48.8	68.2	-19.4	Peak	Horizontal
	8131.5	34.6	9.2	43.8	74.0	-30.2	Peak	Vertical
*	10061.0	34.0	12.4	46.4	68.2	-21.8	Peak	Vertical
	11463.5	32.4	15.4	47.8	74.0	-26.2	Peak	Vertical
*	13937.0	33.3	16.9	50.2	68.2	-18.0	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11a – Channel 140
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8352.5	32.7	10.0	42.7	74.0	-31.3	Peak	Horizontal
*	10027.0	33.0	12.9	45.9	68.2	-22.3	Peak	Horizontal
	11013.0	32.8	14.8	47.6	74.0	-26.4	Peak	Horizontal
*	13784.0	31.0	16.9	47.9	68.2	-20.3	Peak	Horizontal
	8293.0	33.5	9.7	43.2	74.0	-30.8	Peak	Vertical
*	9789.0	33.3	12.3	45.6	68.2	-22.6	Peak	Vertical
	12364.5	33.7	14.4	48.1	74.0	-25.9	Peak	Vertical
*	13605.5	31.3	16.5	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11a – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8216.5	34.4	9.3	43.7	74.0	-30.3	Peak	Horizontal
*	9746.5	33.6	12.1	45.7	68.2	-22.5	Peak	Horizontal
	11599.5	31.6	15.8	47.4	74.0	-26.6	Peak	Horizontal
*	13614.0	31.7	16.2	47.9	68.2	-20.3	Peak	Horizontal
	8344.0	33.6	10.1	43.7	74.0	-30.3	Peak	Vertical
*	10086.5	33.1	12.7	45.8	68.2	-22.4	Peak	Vertical
	11004.5	33.0	14.9	47.9	74.0	-26.1	Peak	Vertical
*	13563.0	31.1	16.9	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8463.0	33.3	10.6	43.9	74.0	-30.1	Peak	Horizontal
*	9797.5	33.6	12.1	45.7	68.2	-22.5	Peak	Horizontal
	11489.0	32.4	15.3	47.7	74.0	-26.3	Peak	Horizontal
*	13452.5	31.1	16.5	47.6	68.2	-20.6	Peak	Horizontal
	8259.0	32.0	9.2	41.2	74.0	-32.8	Peak	Vertical
*	10307.5	33.2	13.0	46.2	68.2	-22.0	Peak	Vertical
	11259.5	32.2	15.3	47.5	74.0	-26.5	Peak	Vertical
*	14064.5	32.8	16.7	49.5	68.2	-18.7	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8131.5	34.4	9.2	43.6	74.0	-30.4	Peak	Horizontal
*	9712.5	32.9	11.9	44.8	68.2	-23.4	Peak	Horizontal
	11531.5	32.5	15.6	48.1	74.0	-25.9	Peak	Horizontal
*	13214.5	31.1	15.9	47.0	68.2	-21.2	Peak	Horizontal
	8208.0	33.7	9.2	42.9	74.0	-31.1	Peak	Vertical
*	8735.0	32.3	12.3	44.6	68.2	-23.6	Peak	Vertical
	11072.5	30.8	15.2	46.0	74.0	-28.0	Peak	Vertical
*	13784.0	31.4	16.9	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8395.0	33.3	10.1	43.4	74.0	-30.6	Peak	Horizontal
*	10239.5	32.8	13.0	45.8	68.2	-22.4	Peak	Horizontal
	11132.0	32.6	15.3	47.9	74.0	-26.1	Peak	Horizontal
*	13707.5	31.8	16.7	48.5	68.2	-19.7	Peak	Horizontal
	8369.5	33.1	9.9	43.0	74.0	-31.0	Peak	Vertical
*	10384.0	32.4	13.5	45.9	68.2	-22.3	Peak	Vertical
	11582.5	31.3	15.6	46.9	74.0	-27.1	Peak	Vertical
*	13503.5	30.2	16.9	47.1	68.2	-21.1	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – 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/m)	Detector	Polarization
	8378.0	33.7	10.0	43.7	74.0	-30.3	Peak	Horizontal
*	10163.0	33.1	12.5	45.6	68.2	-22.6	Peak	Horizontal
	11174.5	32.4	15.4	47.8	74.0	-26.2	Peak	Horizontal
*	13945.5	32.6	16.7	49.3	68.2	-18.9	Peak	Horizontal
	8446.0	34.1	10.4	44.5	74.0	-29.5	Peak	Vertical
*	10290.5	33.6	13.2	46.8	68.2	-21.4	Peak	Vertical
	11727.0	32.1	15.3	47.4	74.0	-26.6	Peak	Vertical
*	13852.0	30.9	17.2	48.1	68.2	-20.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in 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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – 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/m)	Detector	Polarization
	8310.0	33.6	9.9	43.5	74.0	-30.5	Peak	Horizontal
*	10146.0	33.2	12.7	45.9	68.2	-22.3	Peak	Horizontal
	11693.0	32.4	15.7	48.1	74.0	-25.9	Peak	Horizontal
*	13826.5	31.4	16.9	48.3	68.2	-19.9	Peak	Horizontal
	8276.0	32.8	9.5	42.3	74.0	-31.7	Peak	Vertical
*	9976.0	32.3	12.5	44.8	68.2	-23.4	Peak	Vertical
	11038.5	33.0	14.7	47.7	74.0	-26.3	Peak	Vertical
*	14022.0	31.7	17.2	48.9	68.2	-19.3	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – 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/m)	Detector	Polarization
	8463.0	33.0	10.6	43.6	74.0	-30.4	Peak	Horizontal
*	10392.5	33.9	13.6	47.5	68.2	-20.7	Peak	Horizontal
	11115.0	33.3	15.6	48.9	74.0	-25.1	Peak	Horizontal
*	14013.5	31.7	17.2	48.9	68.2	-19.3	Peak	Horizontal
	8344.0	33.3	10.1	43.4	74.0	-30.6	Peak	Vertical
*	10052.5	33.2	12.5	45.7	68.2	-22.5	Peak	Vertical
	11047.0	32.8	14.9	47.7	74.0	-26.3	Peak	Vertical
*	13996.5	32.7	16.9	49.6	68.2	-18.6	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8301.5	34.0	9.8	43.8	74.0	-30.2	Peak	Horizontal
*	10350.0	31.1	13.4	44.5	68.2	-23.7	Peak	Horizontal
	11642.0	30.9	15.9	46.8	74.0	-27.2	Peak	Horizontal
*	13690.5	31.3	16.7	48.0	68.2	-20.2	Peak	Horizontal
	8352.5	33.0	10.0	43.0	74.0	-31.0	Peak	Vertical
*	10307.5	34.0	13.0	47.0	68.2	-21.2	Peak	Vertical
	12160.5	32.8	15.3	48.1	74.0	-25.9	Peak	Vertical
*	13673.5	31.7	16.6	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8361.0	34.1	9.9	44.0	74.0	-30.0	Peak	Horizontal
*	9967.5	32.9	12.3	45.2	68.2	-23.0	Peak	Horizontal
	11021.5	31.0	14.7	45.7	74.0	-28.3	Peak	Horizontal
*	13580.0	30.4	17.3	47.7	68.2	-20.5	Peak	Horizontal
	8225.0	33.0	9.5	42.5	74.0	-31.5	Peak	Vertical
*	9899.5	32.7	12.2	44.9	68.2	-23.3	Peak	Vertical
	11429.5	30.9	15.2	46.1	74.0	-27.9	Peak	Vertical
*	13852.0	31.1	17.2	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8242.0	33.3	9.5	42.8	74.0	-31.2	Peak	Horizontal
*	9993.0	32.7	12.4	45.1	68.2	-23.1	Peak	Horizontal
	11514.5	31.9	15.4	47.3	74.0	-26.7	Peak	Horizontal
*	13818.0	32.5	16.6	49.1	68.2	-19.1	Peak	Horizontal
	8361.0	33.4	9.9	43.3	74.0	-30.7	Peak	Vertical
*	10095.0	32.7	12.8	45.5	68.2	-22.7	Peak	Vertical
	11633.5	31.3	16.1	47.4	74.0	-26.6	Peak	Vertical
*	13826.5	31.1	16.9	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8378.0	33.3	10.0	43.3	74.0	-30.7	Peak	Horizontal
*	9823.0	32.9	11.9	44.8	68.2	-23.4	Peak	Horizontal
	10783.5	33.3	14.4	47.7	74.0	-26.3	Peak	Horizontal
*	13767.0	31.7	16.7	48.4	68.2	-19.8	Peak	Horizontal
	8369.5	33.4	9.9	43.3	74.0	-30.7	Peak	Vertical
*	9661.5	34.7	11.7	46.4	68.2	-21.8	Peak	Vertical
	11531.5	31.6	15.6	47.2	74.0	-26.8	Peak	Vertical
*	13979.5	31.2	16.3	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8335.5	32.7	9.9	42.6	74.0	-31.4	Peak	Horizontal
*	9823.0	32.4	11.9	44.3	68.2	-23.9	Peak	Horizontal
	11115.0	31.9	15.6	47.5	74.0	-26.5	Peak	Horizontal
*	13563.0	30.6	16.9	47.5	68.2	-20.7	Peak	Horizontal
	8208.0	32.9	9.2	42.1	74.0	-31.9	Peak	Vertical
*	10095.0	33.0	12.8	45.8	68.2	-22.4	Peak	Vertical
	11429.5	32.0	15.2	47.2	74.0	-26.8	Peak	Vertical
*	14226.0	31.5	17.5	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – Channel 120
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8395.0	33.3	10.1	43.4	74.0	-30.6	Peak	Horizontal
*	10137.5	33.4	12.7	46.1	68.2	-22.1	Peak	Horizontal
	11140.5	32.2	15.4	47.6	74.0	-26.4	Peak	Horizontal
*	13792.5	30.7	16.6	47.3	68.2	-20.9	Peak	Horizontal
	8225.0	33.8	9.5	43.3	74.0	-30.7	Peak	Vertical
*	9806.0	32.9	11.8	44.7	68.2	-23.5	Peak	Vertical
	11123.5	31.9	15.5	47.4	74.0	-26.6	Peak	Vertical
*	14013.5	31.7	17.2	48.9	68.2	-19.3	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8259.0	33.8	9.2	43.0	74.0	-31.0	Peak	Horizontal
*	10120.5	32.0	12.5	44.5	68.2	-23.7	Peak	Horizontal
	11038.5	33.5	14.7	48.2	74.0	-25.8	Peak	Horizontal
*	13937.0	32.0	16.9	48.9	68.2	-19.3	Peak	Horizontal
	8140.0	33.5	9.4	42.9	74.0	-31.1	Peak	Vertical
*	9908.0	33.5	12.3	45.8	68.2	-22.4	Peak	Vertical
	11497.5	31.9	15.4	47.3	74.0	-26.7	Peak	Vertical
*	14030.5	32.7	17.0	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8454.5	33.2	10.5	43.7	74.0	-30.3	Peak	Horizontal
*	10171.5	31.0	12.5	43.5	68.2	-24.7	Peak	Horizontal
	11123.5	30.6	15.5	46.1	74.0	-27.9	Peak	Horizontal
*	14022.0	31.3	17.2	48.5	68.2	-19.7	Peak	Horizontal
	8361.0	32.5	9.9	42.4	74.0	-31.6	Peak	Vertical
*	9772.0	32.9	12.1	45.0	68.2	-23.2	Peak	Vertical
	11021.5	33.2	14.7	47.9	74.0	-26.1	Peak	Vertical
*	13869.0	32.6	17.0	49.6	68.2	-18.6	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – 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/m)	Detector	Polarization
	8310.0	31.4	9.9	41.3	74.0	-32.7	Peak	Horizontal
*	9882.5	31.8	12.1	43.9	68.2	-24.3	Peak	Horizontal
	12254.0	30.3	14.8	45.1	74.0	-28.9	Peak	Horizontal
*	13605.5	30.9	16.5	47.4	68.2	-20.8	Peak	Horizontal
	8335.5	33.4	9.9	43.3	74.0	-30.7	Peak	Vertical
*	10154.5	32.7	12.6	45.3	68.2	-22.9	Peak	Vertical
	11089.5	31.7	15.1	46.8	74.0	-27.2	Peak	Vertical
*	13758.5	30.4	16.7	47.1	68.2	-21.1	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – 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/m)	Detector	Polarization
	8446.0	33.0	10.4	43.4	74.0	-30.6	Peak	Horizontal
*	10137.5	32.6	12.7	45.3	68.2	-22.9	Peak	Horizontal
	11531.5	31.7	15.6	47.3	74.0	-26.7	Peak	Horizontal
*	13852.0	31.0	17.2	48.2	68.2	-20.0	Peak	Horizontal
	8446.0	34.1	10.4	44.5	74.0	-29.5	Peak	Vertical
*	9942.0	31.5	11.9	43.4	68.2	-24.8	Peak	Vertical
	11625.0	32.6	16.3	48.9	74.0	-25.1	Peak	Vertical
*	13648.0	32.2	16.7	48.9	68.2	-19.3	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT20 – 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/m)	Detector	Polarization
	8454.5	34.1	10.5	44.6	74.0	-29.4	Peak	Horizontal
*	10078.0	31.3	12.6	43.9	68.2	-24.3	Peak	Horizontal
	10945.0	31.7	14.9	46.6	74.0	-27.4	Peak	Horizontal
*	13826.5	31.0	16.9	47.9	68.2	-20.3	Peak	Horizontal
	8361.0	33.2	9.9	43.1	74.0	-30.9	Peak	Vertical
*	8565.0	32.3	11.6	43.9	68.2	-24.3	Peak	Vertical
	11217.0	30.0	15.0	45.0	74.0	-29.0	Peak	Vertical
*	13087.0	29.8	15.3	45.1	68.2	-23.1	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – 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/m)	Detector	Polarization
	8369.5	33.3	9.9	43.2	74.0	-30.8	Peak	Horizontal
*	10231.0	32.7	12.9	45.6	68.2	-22.6	Peak	Horizontal
	11072.5	30.6	15.2	45.8	74.0	-28.2	Peak	Horizontal
*	13580.0	29.6	17.3	46.9	68.2	-21.3	Peak	Horizontal
	8301.5	33.5	9.8	43.3	74.0	-30.7	Peak	Vertical
*	9942.0	30.8	11.9	42.7	68.2	-25.5	Peak	Vertical
	11106.5	31.7	15.3	47.0	74.0	-27.0	Peak	Vertical
*	13750.0	32.8	16.8	49.6	68.2	-18.6	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – 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/m)	Detector	Polarization
	8293.0	32.7	9.7	42.4	74.0	-31.6	Peak	Horizontal
*	10120.5	32.1	12.5	44.6	68.2	-23.6	Peak	Horizontal
	11021.5	32.8	14.7	47.5	74.0	-26.5	Peak	Horizontal
*	13996.5	33.2	16.9	50.1	68.2	-18.1	Peak	Horizontal
	8471.5	33.4	10.7	44.1	74.0	-29.9	Peak	Vertical
*	10367.0	32.7	13.6	46.3	68.2	-21.9	Peak	Vertical
	10996.0	33.7	15.0	48.7	74.0	-25.3	Peak	Vertical
*	15186.5	33.1	17.8	50.9	68.2	-17.3	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8429.0	34.0	10.1	44.1	74.0	-29.9	Peak	Horizontal
*	9789.0	33.4	12.3	45.7	68.2	-22.5	Peak	Horizontal
	11540.0	30.7	16.0	46.7	74.0	-27.3	Peak	Horizontal
*	13605.5	30.6	16.5	47.1	68.2	-21.1	Peak	Horizontal
	8429.0	33.9	10.1	44.0	74.0	-30.0	Peak	Vertical
*	10137.5	33.4	12.7	46.1	68.2	-22.1	Peak	Vertical
	11497.5	32.1	15.4	47.5	74.0	-26.5	Peak	Vertical
*	13597.0	32.5	16.7	49.2	68.2	-19.0	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8276.0	32.6	9.5	42.1	74.0	-31.9	Peak	Horizontal
*	9942.0	31.2	11.9	43.1	68.2	-25.1	Peak	Horizontal
	11225.5	31.4	15.0	46.4	74.0	-27.6	Peak	Horizontal
*	14073.0	32.8	16.5	49.3	68.2	-18.9	Peak	Horizontal
	8293.0	32.9	9.7	42.6	74.0	-31.4	Peak	Vertical
*	8760.5	31.3	12.0	43.3	68.2	-24.9	Peak	Vertical
	11123.5	30.5	15.5	46.0	74.0	-28.0	Peak	Vertical
*	13546.0	29.8	16.3	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8225.0	33.6	9.5	43.1	74.0	-30.9	Peak	Horizontal
*	9738.0	34.1	12.2	46.3	68.2	-21.9	Peak	Horizontal
	11106.5	32.1	15.3	47.4	74.0	-26.6	Peak	Horizontal
*	13945.5	32.6	16.7	49.3	68.2	-18.9	Peak	Horizontal
	8225.0	34.6	9.5	44.1	74.0	-29.9	Peak	Vertical
*	10044.0	32.2	12.5	44.7	68.2	-23.5	Peak	Vertical
	11582.5	31.8	15.6	47.4	74.0	-26.6	Peak	Vertical
*	13682.0	31.3	16.6	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8208.0	33.3	9.2	42.5	74.0	-31.5	Peak	Horizontal
*	10120.5	31.7	12.5	44.2	68.2	-24.0	Peak	Horizontal
	11378.5	30.4	14.9	45.3	74.0	-28.7	Peak	Horizontal
*	13546.0	31.4	16.3	47.7	68.2	-20.5	Peak	Horizontal
	8284.5	32.9	9.6	42.5	74.0	-31.5	Peak	Vertical
*	10018.5	31.5	12.6	44.1	68.2	-24.1	Peak	Vertical
	11123.5	32.2	15.5	47.7	74.0	-26.3	Peak	Vertical
*	13741.5	30.8	16.5	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – Channel 118
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8310.0	32.9	9.9	42.8	74.0	-31.2	Peak	Horizontal
*	10299.0	32.2	12.9	45.1	68.2	-23.1	Peak	Horizontal
	11200.0	31.7	15.6	47.3	74.0	-26.7	Peak	Horizontal
*	13597.0	32.6	16.7	49.3	68.2	-18.9	Peak	Horizontal
	8208.0	32.7	9.2	41.9	74.0	-32.1	Peak	Vertical
*	9908.0	33.3	12.3	45.6	68.2	-22.6	Peak	Vertical
	11446.5	33.0	15.2	48.2	74.0	-25.8	Peak	Vertical
*	13665.0	31.1	16.6	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8437.5	33.7	10.3	44.0	74.0	-30.0	Peak	Horizontal
*	9976.0	32.6	12.5	45.1	68.2	-23.1	Peak	Horizontal
	10996.0	33.0	15.0	48.0	74.0	-26.0	Peak	Horizontal
*	13605.5	32.0	16.5	48.5	68.2	-19.7	Peak	Horizontal
	8352.5	32.4	10.0	42.4	74.0	-31.6	Peak	Vertical
*	10222.5	33.4	12.9	46.3	68.2	-21.9	Peak	Vertical
	11480.5	31.7	15.5	47.2	74.0	-26.8	Peak	Vertical
*	13622.5	32.6	16.5	49.1	68.2	-19.1	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8454.5	33.4	10.5	43.9	74.0	-30.1	Peak	Horizontal
*	9976.0	32.7	12.5	45.2	68.2	-23.0	Peak	Horizontal
	11888.5	32.7	14.3	47.0	74.0	-27.0	Peak	Horizontal
*	13707.5	31.5	16.7	48.2	68.2	-20.0	Peak	Horizontal
	8395.0	33.0	10.1	43.1	74.0	-30.9	Peak	Vertical
*	10214.0	33.0	13.0	46.0	68.2	-22.2	Peak	Vertical
	11616.5	32.4	16.2	48.6	74.0	-25.4	Peak	Vertical
*	13597.0	31.6	16.7	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – 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/m)	Detector	Polarization
	8310.0	32.2	9.9	42.1	74.0	-31.9	Peak	Horizontal
*	9891.0	32.9	12.1	45.0	68.2	-23.2	Peak	Horizontal
	11140.5	32.0	15.4	47.4	74.0	-26.6	Peak	Horizontal
*	13682.0	31.7	16.6	48.3	68.2	-19.9	Peak	Horizontal
	8182.5	34.0	9.0	43.0	74.0	-31.0	Peak	Vertical
*	10146.0	32.4	12.7	45.1	68.2	-23.1	Peak	Vertical
	11472.0	31.7	15.6	47.3	74.0	-26.7	Peak	Vertical
*	13571.5	30.6	17.1	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11n-HT40 – 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/m)	Detector	Polarization
	8165.5	32.9	9.2	42.1	74.0	-31.9	Peak	Horizontal
*	9899.5	32.9	12.2	45.1	68.2	-23.1	Peak	Horizontal
	11149.0	31.5	15.5	47.0	74.0	-27.0	Peak	Horizontal
*	13622.5	31.9	16.5	48.4	68.2	-19.8	Peak	Horizontal
	8352.5	34.6	10.0	44.6	74.0	-29.4	Peak	Vertical
*	9772.0	31.8	12.1	43.9	68.2	-24.3	Peak	Vertical
	12067.0	32.2	15.2	47.4	74.0	-26.6	Peak	Vertical
*	13673.5	31.3	16.6	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8352.5	33.1	10.0	43.1	74.0	-30.9	Peak	Horizontal
*	9653.0	33.1	11.8	44.9	68.2	-23.3	Peak	Horizontal
	11115.0	31.7	15.6	47.3	74.0	-26.7	Peak	Horizontal
*	13690.5	33.1	16.7	49.8	68.2	-18.4	Peak	Horizontal
	8335.5	33.2	9.9	43.1	74.0	-30.9	Peak	Vertical
*	10239.5	32.9	13.0	45.9	68.2	-22.3	Peak	Vertical
	11497.5	32.6	15.4	48.0	74.0	-26.0	Peak	Vertical
*	13665.0	31.0	16.6	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8335.5	33.5	9.9	43.4	74.0	-30.6	Peak	Horizontal
*	9678.5	32.0	11.8	43.8	68.2	-24.4	Peak	Horizontal
	11353.0	31.3	15.3	46.6	74.0	-27.4	Peak	Horizontal
*	13563.0	31.3	16.9	48.2	68.2	-20.0	Peak	Horizontal
	8446.0	33.1	10.4	43.5	74.0	-30.5	Peak	Vertical
*	10435.0	32.8	13.6	46.4	68.2	-21.8	Peak	Vertical
	11548.5	31.2	15.9	47.1	74.0	-26.9	Peak	Vertical
*	13622.5	31.8	16.5	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8386.5	33.4	10.0	43.4	74.0	-30.6	Peak	Horizontal
*	10324.5	31.9	13.6	45.5	68.2	-22.7	Peak	Horizontal
	11608.0	30.9	16.0	46.9	74.0	-27.1	Peak	Horizontal
*	13665.0	32.1	16.6	48.7	68.2	-19.5	Peak	Horizontal
	8318.5	33.8	9.8	43.6	74.0	-30.4	Peak	Vertical
*	10273.5	32.9	13.2	46.1	68.2	-22.1	Peak	Vertical
	11548.5	31.3	15.9	47.2	74.0	-26.8	Peak	Vertical
*	14064.5	33.2	16.7	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8344.0	33.3	10.1	43.4	74.0	-30.6	Peak	Horizontal
*	9976.0	32.6	12.5	45.1	68.2	-23.1	Peak	Horizontal
	12033.0	32.3	15.0	47.3	74.0	-26.7	Peak	Horizontal
*	13733.0	30.2	16.3	46.5	68.2	-21.7	Peak	Horizontal
	8463.0	33.3	10.6	43.9	74.0	-30.1	Peak	Vertical
*	10299.0	32.9	12.9	45.8	68.2	-22.4	Peak	Vertical
	11565.5	31.8	15.7	47.5	74.0	-26.5	Peak	Vertical
*	13571.5	30.8	17.1	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8352.5	32.2	10.0	42.2	74.0	-31.8	Peak	Horizontal
*	9899.5	32.3	12.2	44.5	68.2	-23.7	Peak	Horizontal
	11531.5	31.1	15.6	46.7	74.0	-27.3	Peak	Horizontal
*	13597.0	32.0	16.7	48.7	68.2	-19.5	Peak	Horizontal
	8225.0	32.9	9.5	42.4	74.0	-31.6	Peak	Vertical
*	10086.5	32.2	12.7	44.9	68.2	-23.3	Peak	Vertical
	11523.0	32.8	15.3	48.1	74.0	-25.9	Peak	Vertical
*	13911.5	31.8	16.3	48.1	68.2	-20.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in 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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8361.0	33.0	9.9	42.9	74.0	-31.1	Peak	Horizontal
*	10231.0	33.8	12.9	46.7	68.2	-21.5	Peak	Horizontal
	11608.0	31.4	16.0	47.4	74.0	-26.6	Peak	Horizontal
*	13996.5	31.6	16.9	48.5	68.2	-19.7	Peak	Horizontal
	8140.0	33.6	9.4	43.0	74.0	-31.0	Peak	Vertical
*	9746.5	33.0	12.1	45.1	68.2	-23.1	Peak	Vertical
	11038.5	34.3	14.7	49.0	74.0	-25.0	Peak	Vertical
*	13639.5	32.2	16.7	48.9	68.2	-19.3	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8276.0	32.4	9.5	41.9	74.0	-32.1	Peak	Horizontal
*	10146.0	32.5	12.7	45.2	68.2	-23.0	Peak	Horizontal
	11608.0	31.0	16.0	47.0	74.0	-27.0	Peak	Horizontal
*	13852.0	30.3	17.2	47.5	68.2	-20.7	Peak	Horizontal
	8352.5	32.6	10.0	42.6	74.0	-31.4	Peak	Vertical
*	10137.5	32.5	12.7	45.2	68.2	-23.0	Peak	Vertical
	11548.5	32.5	15.9	48.4	74.0	-25.6	Peak	Vertical
*	13639.5	32.1	16.7	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8310.0	32.3	9.9	42.2	74.0	-31.8	Peak	Horizontal
*	10205.5	33.4	12.8	46.2	68.2	-22.0	Peak	Horizontal
	11676.0	32.1	15.5	47.6	74.0	-26.4	Peak	Horizontal
*	13597.0	31.4	16.7	48.1	68.2	-20.1	Peak	Horizontal
	8284.5	32.9	9.6	42.5	74.0	-31.5	Peak	Vertical
*	10205.5	33.7	12.8	46.5	68.2	-21.7	Peak	Vertical
	11200.0	31.9	15.6	47.5	74.0	-26.5	Peak	Vertical
*	14209.0	32.4	17.6	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT20 – Channel 120
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8284.5	32.2	9.6	41.8	74.0	-32.2	Peak	Horizontal
*	10120.5	33.3	12.5	45.8	68.2	-22.4	Peak	Horizontal
	11548.5	32.1	15.9	48.0	74.0	-26.0	Peak	Horizontal
*	14200.5	32.3	17.3	49.6	68.2	-18.6	Peak	Horizontal
	8454.5	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
*	9772.0	32.7	12.1	44.8	68.2	-23.4	Peak	Vertical
	11497.5	32.5	15.4	47.9	74.0	-26.1	Peak	Vertical
*	13665.0	31.7	16.6	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8106.0	34.7	9.1	43.8	74.0	-30.2	Peak	Horizontal
*	9976.0	32.4	12.5	44.9	68.2	-23.3	Peak	Horizontal
	11072.5	31.3	15.2	46.5	74.0	-27.5	Peak	Horizontal
*	13546.0	30.4	16.3	46.7	68.2	-21.5	Peak	Horizontal
	8361.0	32.6	9.9	42.5	74.0	-31.5	Peak	Vertical
*	10095.0	32.9	12.8	45.7	68.2	-22.5	Peak	Vertical
	11047.0	32.1	14.9	47.0	74.0	-27.0	Peak	Vertical
*	13597.0	31.5	16.7	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8378.0	33.5	10.0	43.5	74.0	-30.5	Peak	Horizontal
*	10222.5	32.9	12.9	45.8	68.2	-22.4	Peak	Horizontal
	11438.0	32.2	15.3	47.5	74.0	-26.5	Peak	Horizontal
*	14022.0	32.0	17.2	49.2	68.2	-19.0	Peak	Horizontal
	8242.0	31.9	9.5	41.4	74.0	-32.6	Peak	Vertical
*	9857.0	32.4	11.7	44.1	68.2	-24.1	Peak	Vertical
	11523.0	31.7	15.3	47.0	74.0	-27.0	Peak	Vertical
*	13656.5	32.4	16.7	49.1	68.2	-19.1	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8378.0	34.3	10.0	44.3	74.0	-29.7	Peak	Horizontal
*	10392.5	33.7	13.6	47.3	68.2	-20.9	Peak	Horizontal
	11752.5	32.3	14.8	47.1	74.0	-26.9	Peak	Horizontal
*	14107.0	31.4	17.0	48.4	68.2	-19.8	Peak	Horizontal
	8208.0	33.5	9.2	42.7	74.0	-31.3	Peak	Vertical
*	10069.5	32.8	12.5	45.3	68.2	-22.9	Peak	Vertical
	11038.5	34.6	14.7	49.3	74.0	-24.7	Peak	Vertical
*	13580.0	30.7	17.3	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8148.5	33.6	9.4	43.0	74.0	-31.0	Peak	Horizontal
*	10035.5	31.2	12.7	43.9	68.2	-24.3	Peak	Horizontal
	11140.5	32.1	15.4	47.5	74.0	-26.5	Peak	Horizontal
*	13486.5	31.1	16.9	48.0	68.2	-20.2	Peak	Horizontal
	8454.5	33.8	10.5	44.3	74.0	-29.7	Peak	Vertical
*	9984.5	34.0	12.5	46.5	68.2	-21.7	Peak	Vertical
	11123.5	31.9	15.5	47.4	74.0	-26.6	Peak	Vertical
*	13792.5	29.7	16.6	46.3	68.2	-21.9	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8352.5	32.8	10.0	42.8	74.0	-31.2	Peak	Horizontal
*	10086.5	32.5	12.7	45.2	68.2	-23.0	Peak	Horizontal
	11106.5	32.7	15.3	48.0	74.0	-26.0	Peak	Horizontal
*	13792.5	30.0	16.6	46.6	68.2	-21.6	Peak	Horizontal
	8140.0	34.8	9.4	44.2	74.0	-29.8	Peak	Vertical
*	9865.5	33.2	11.9	45.1	68.2	-23.1	Peak	Vertical
	11684.5	31.7	15.6	47.3	74.0	-26.7	Peak	Vertical
*	13818.0	31.8	16.6	48.4	68.2	-19.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8429.0	32.7	10.1	42.8	74.0	-31.2	Peak	Horizontal
*	10112.0	32.4	12.4	44.8	68.2	-23.4	Peak	Horizontal
	11795.0	32.3	15.0	47.3	74.0	-26.7	Peak	Horizontal
*	14209.0	32.2	17.6	49.8	68.2	-18.4	Peak	Horizontal
	8454.5	32.8	10.5	43.3	74.0	-30.7	Peak	Vertical
*	10180.0	32.7	12.4	45.1	68.2	-23.1	Peak	Vertical
	11710.0	32.4	15.4	47.8	74.0	-26.2	Peak	Vertical
*	13563.0	31.8	16.9	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8301.5	33.8	9.8	43.6	74.0	-30.4	Peak	Horizontal
*	10248.0	33.3	13.2	46.5	68.2	-21.7	Peak	Horizontal
	11489.0	31.8	15.3	47.1	74.0	-26.9	Peak	Horizontal
*	13673.5	31.7	16.6	48.3	68.2	-19.9	Peak	Horizontal
	8386.5	31.5	10.0	41.5	74.0	-32.5	Peak	Vertical
*	10375.5	32.7	13.6	46.3	68.2	-21.9	Peak	Vertical
	11540.0	31.2	16.0	47.2	74.0	-26.8	Peak	Vertical
*	13520.5	31.1	16.7	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8327.0	33.0	9.7	42.7	74.0	-31.3	Peak	Horizontal
*	10086.5	33.7	12.7	46.4	68.2	-21.8	Peak	Horizontal
	11191.5	31.5	15.5	47.0	74.0	-27.0	Peak	Horizontal
*	13639.5	31.5	16.7	48.2	68.2	-20.0	Peak	Horizontal
	8335.5	33.5	9.9	43.4	74.0	-30.6	Peak	Vertical
*	10248.0	32.3	13.2	45.5	68.2	-22.7	Peak	Vertical
	11489.0	32.6	15.3	47.9	74.0	-26.1	Peak	Vertical
*	14217.5	32.1	17.5	49.6	68.2	-18.6	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8293.0	34.0	9.7	43.7	74.0	-30.3	Peak	Horizontal
*	10486.0	33.2	13.9	47.1	68.2	-21.1	Peak	Horizontal
	11625.0	31.2	16.3	47.5	74.0	-26.5	Peak	Horizontal
*	13665.0	31.2	16.6	47.8	68.2	-20.4	Peak	Horizontal
	8395.0	33.8	10.1	43.9	74.0	-30.1	Peak	Vertical
*	9814.5	33.4	11.9	45.3	68.2	-22.9	Peak	Vertical
	11081.0	32.1	15.2	47.3	74.0	-26.7	Peak	Vertical
*	13648.0	31.3	16.7	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8284.5	33.6	9.6	43.2	74.0	-30.8	Peak	Horizontal
*	9797.5	33.2	12.1	45.3	68.2	-22.9	Peak	Horizontal
	11591.0	32.7	15.6	48.3	74.0	-25.7	Peak	Horizontal
*	13665.0	31.8	16.6	48.4	68.2	-19.8	Peak	Horizontal
	8344.0	33.2	10.1	43.3	74.0	-30.7	Peak	Vertical
*	10214.0	33.2	13.0	46.2	68.2	-22.0	Peak	Vertical
	11446.5	32.1	15.2	47.3	74.0	-26.7	Peak	Vertical
*	14107.0	32.6	17.0	49.6	68.2	-18.6	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8463.0	33.2	10.6	43.8	74.0	-30.2	Peak	Horizontal
*	10460.5	32.8	13.6	46.4	68.2	-21.8	Peak	Horizontal
	11497.5	32.7	15.4	48.1	74.0	-25.9	Peak	Horizontal
*	13843.5	31.7	17.3	49.0	68.2	-19.2	Peak	Horizontal
	8386.5	32.6	10.0	42.6	74.0	-31.4	Peak	Vertical
*	9721.0	33.6	12.0	45.6	68.2	-22.6	Peak	Vertical
	11276.5	30.5	15.3	45.8	74.0	-28.2	Peak	Vertical
*	13656.5	32.3	16.7	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT40 – Channel 118
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8352.5	32.3	10.0	42.3	74.0	-31.7	Peak	Horizontal
*	10248.0	32.6	13.2	45.8	68.2	-22.4	Peak	Horizontal
	11361.5	32.0	15.1	47.1	74.0	-26.9	Peak	Horizontal
*	13869.0	31.1	17.0	48.1	68.2	-20.1	Peak	Horizontal
	8310.0	33.2	9.9	43.1	74.0	-30.9	Peak	Vertical
*	10035.5	32.8	12.7	45.5	68.2	-22.7	Peak	Vertical
	11106.5	32.8	15.3	48.1	74.0	-25.9	Peak	Vertical
*	13741.5	32.4	16.5	48.9	68.2	-19.3	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8216.5	33.5	9.3	42.8	74.0	-31.2	Peak	Horizontal
*	10222.5	33.4	12.9	46.3	68.2	-21.9	Peak	Horizontal
	11693.0	31.9	15.7	47.6	74.0	-26.4	Peak	Horizontal
*	13580.0	30.5	17.3	47.8	68.2	-20.4	Peak	Horizontal
	8242.0	34.1	9.5	43.6	74.0	-30.4	Peak	Vertical
*	9950.5	32.3	12.0	44.3	68.2	-23.9	Peak	Vertical
	11276.5	32.1	15.3	47.4	74.0	-26.6	Peak	Vertical
*	13554.5	31.6	16.6	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8437.5	33.6	10.3	43.9	74.0	-30.1	Peak	Horizontal
*	10248.0	32.7	13.2	45.9	68.2	-22.3	Peak	Horizontal
	12033.0	31.8	15.0	46.8	74.0	-27.2	Peak	Horizontal
*	13758.5	30.5	16.7	47.2	68.2	-21.0	Peak	Horizontal
	8310.0	32.4	9.9	42.3	74.0	-31.7	Peak	Vertical
*	10095.0	32.8	12.8	45.6	68.2	-22.6	Peak	Vertical
	11183.0	33.1	15.5	48.6	74.0	-25.4	Peak	Vertical
*	14056.0	32.3	16.9	49.2	68.2	-19.0	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8454.5	33.0	10.5	43.5	74.0	-30.5	Peak	Horizontal
*	9857.0	31.7	11.7	43.4	68.2	-24.8	Peak	Horizontal
	11098.0	33.1	15.0	48.1	74.0	-25.9	Peak	Horizontal
*	13571.5	31.5	17.1	48.6	68.2	-19.6	Peak	Horizontal
	8131.5	34.4	9.2	43.6	74.0	-30.4	Peak	Vertical
*	10273.5	32.1	13.2	45.3	68.2	-22.9	Peak	Vertical
	11038.5	31.5	14.7	46.2	74.0	-27.8	Peak	Vertical
*	13665.0	32.0	16.6	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8267.5	34.0	9.4	43.4	74.0	-30.6	Peak	Horizontal
*	9738.0	32.9	12.2	45.1	68.2	-23.1	Peak	Horizontal
	11132.0	32.2	15.3	47.5	74.0	-26.5	Peak	Horizontal
*	13818.0	30.6	16.6	47.2	68.2	-21.0	Peak	Horizontal
	7570.5	31.9	8.9	40.8	74.0	-33.2	Peak	Vertical
*	9891.0	31.9	12.1	44.0	68.2	-24.2	Peak	Vertical
	11004.5	33.0	14.9	47.9	74.0	-26.1	Peak	Vertical
*	13622.5	32.3	16.5	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8437.5	32.4	10.3	42.7	74.0	-31.3	Peak	Horizontal
*	9984.5	31.4	12.5	43.9	68.2	-24.3	Peak	Horizontal
	11608.0	31.4	16.0	47.4	74.0	-26.6	Peak	Horizontal
*	13571.5	30.8	17.1	47.9	68.2	-20.3	Peak	Horizontal
	8165.5	32.6	9.2	41.8	74.0	-32.2	Peak	Vertical
*	10052.5	32.4	12.5	44.9	68.2	-23.3	Peak	Vertical
	11183.0	32.3	15.5	47.8	74.0	-26.2	Peak	Vertical
*	13758.5	30.8	16.7	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8378.0	33.6	10.0	43.6	74.0	-30.4	Peak	Horizontal
*	10010.0	33.2	12.4	45.6	68.2	-22.6	Peak	Horizontal
	11268.0	32.2	15.3	47.5	74.0	-26.5	Peak	Horizontal
*	13792.5	31.0	16.6	47.6	68.2	-20.6	Peak	Horizontal
	8446.0	32.9	10.4	43.3	74.0	-30.7	Peak	Vertical
*	10129.0	33.2	12.6	45.8	68.2	-22.4	Peak	Vertical
	11081.0	33.7	15.2	48.9	74.0	-25.1	Peak	Vertical
*	13809.5	32.5	16.5	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8131.5	34.2	9.2	43.4	74.0	-30.6	Peak	Horizontal
*	10095.0	32.5	12.8	45.3	68.2	-22.9	Peak	Horizontal
	11106.5	32.9	15.3	48.2	74.0	-25.8	Peak	Horizontal
*	14226.0	32.2	17.5	49.7	68.2	-18.5	Peak	Horizontal
	8429.0	33.6	10.1	43.7	74.0	-30.3	Peak	Vertical
*	10392.5	32.6	13.6	46.2	68.2	-22.0	Peak	Vertical
	12109.5	30.2	15.1	45.3	74.0	-28.7	Peak	Vertical
*	13877.5	30.3	16.7	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8437.5	32.4	10.3	42.7	74.0	-31.3	Peak	Horizontal
*	10188.5	33.3	12.5	45.8	68.2	-22.4	Peak	Horizontal
	11030.0	33.5	14.6	48.1	74.0	-25.9	Peak	Horizontal
*	13962.5	32.7	16.2	48.9	68.2	-19.3	Peak	Horizontal
	8386.5	32.7	10.0	42.7	74.0	-31.3	Peak	Vertical
*	10146.0	33.3	12.7	46.0	68.2	-22.2	Peak	Vertical
	10970.5	33.8	14.5	48.3	74.0	-25.7	Peak	Vertical
*	13750.0	32.8	16.8	49.6	68.2	-18.6	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	Dillion Diao
Test Date	2021/12/20~2021/12/22	Test Mode	802.11ac-VHT80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8131.5	34.7	9.2	43.9	74.0	-30.1	Peak	Horizontal
*	9789.0	33.1	12.3	45.4	68.2	-22.8	Peak	Horizontal
	11259.5	32.2	15.3	47.5	74.0	-26.5	Peak	Horizontal
*	13784.0	31.2	16.9	48.1	68.2	-20.1	Peak	Horizontal
	8386.5	33.2	10.0	43.2	74.0	-30.8	Peak	Vertical
*	10350.0	31.4	13.4	44.8	68.2	-23.4	Peak	Vertical
	11574.0	32.2	15.6	47.8	74.0	-26.2	Peak	Vertical
*	13911.5	31.4	16.3	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Dillion Diao
Test Date	2021/12/20~2021/12/22	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/m)	Detector	Polarization
	8344.0	32.7	10.1	42.8	74.0	-31.2	Peak	Horizontal
*	10129.0	33.3	12.6	45.9	68.2	-22.3	Peak	Horizontal
	11506.0	31.3	15.5	46.8	74.0	-27.2	Peak	Horizontal
*	13818.0	31.0	16.6	47.6	68.2	-20.6	Peak	Horizontal
	8344.0	32.7	10.1	42.8	74.0	-31.2	Peak	Vertical
*	10341.5	32.7	13.8	46.5	68.2	-21.7	Peak	Vertical
	11625.0	31.3	16.3	47.6	74.0	-26.4	Peak	Vertical
*	13588.5	30.9	17.0	47.9	68.2	-20.3	Peak	Vertical

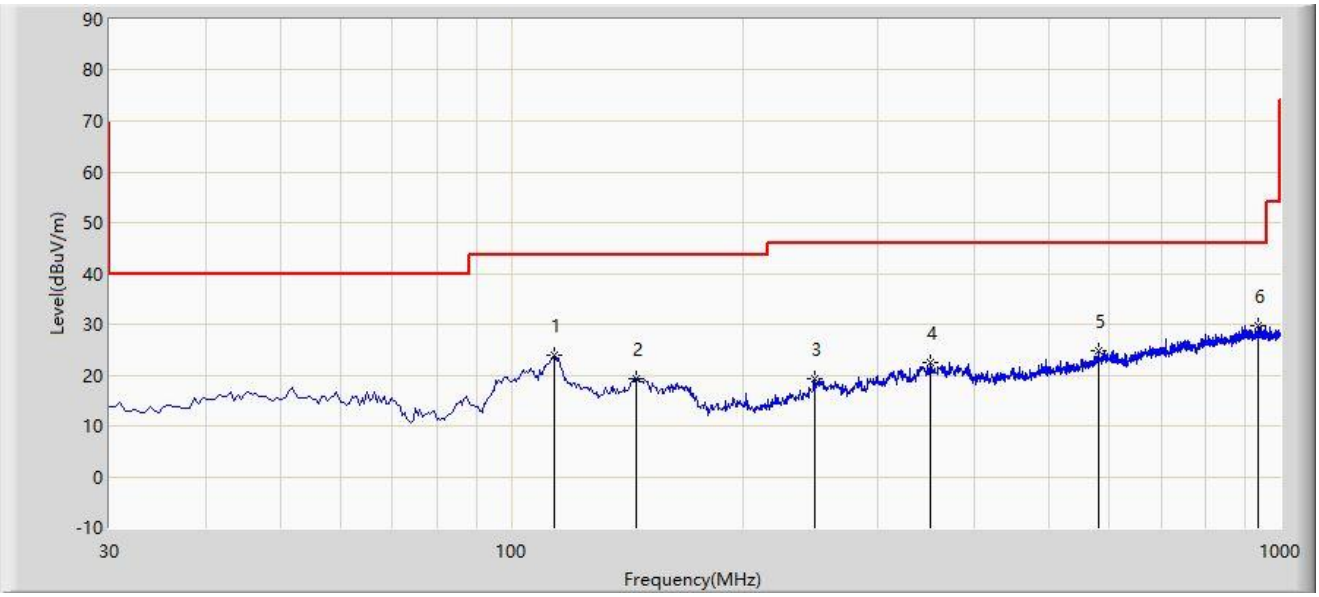
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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)

The Result of Radiated Emission below 1GHz:

Site: NS-AC1	Time: 2021/12/21 - 10:37
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by ac-VHT20 at channel 5180MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			113.905	24.024	9.831	-19.476	43.500	14.193	PK
2			145.430	19.385	7.738	-24.115	43.500	11.647	PK
3			248.250	19.420	2.938	-26.580	46.000	16.482	PK
4			351.070	22.463	4.258	-23.537	46.000	18.205	PK
5			580.475	24.868	1.692	-21.132	46.000	23.176	PK
6		*	936.950	29.616	1.832	-16.384	46.000	27.784	PK

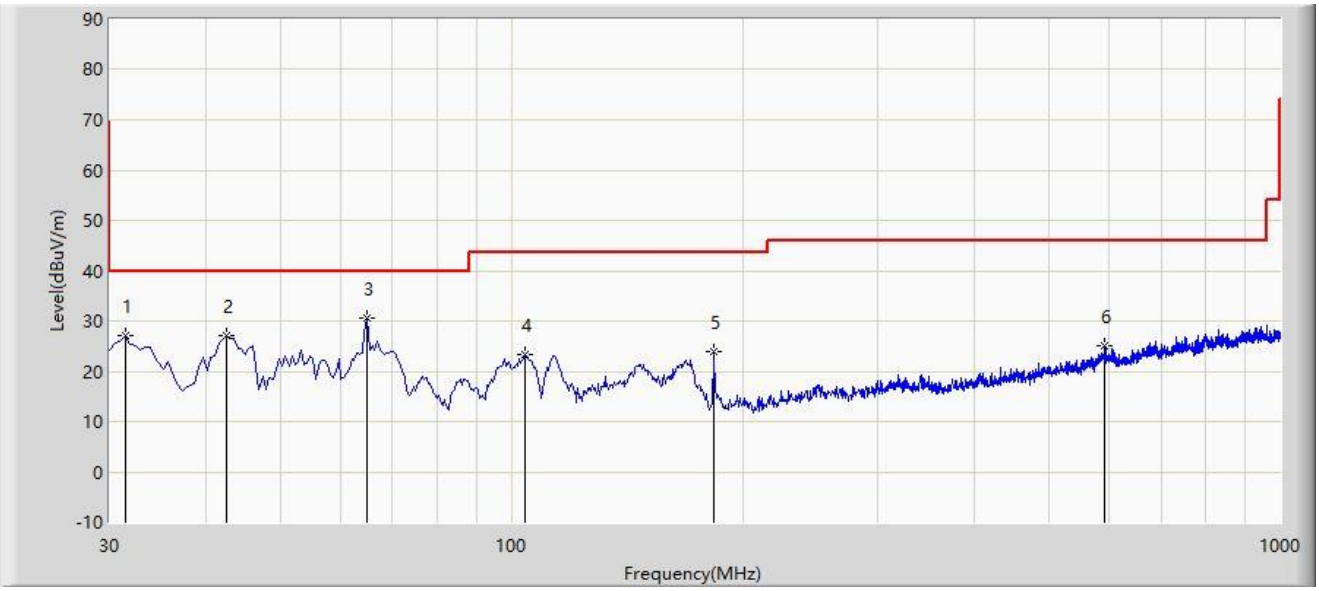
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: 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: NS-AC1	Time: 2021/12/21 - 10:40
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by ac-VHT20 at channel 5180MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			31.455	27.177	13.032	-12.823	40.000	14.145	PK
2			42.610	27.228	10.318	-12.772	40.000	16.910	PK
3		*	64.920	30.516	15.828	-9.484	40.000	14.688	PK
4			104.205	23.375	8.077	-20.125	43.500	15.297	PK
5			183.745	23.833	10.209	-19.667	43.500	13.624	PK
6			591.145	25.042	1.590	-20.958	46.000	23.453	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

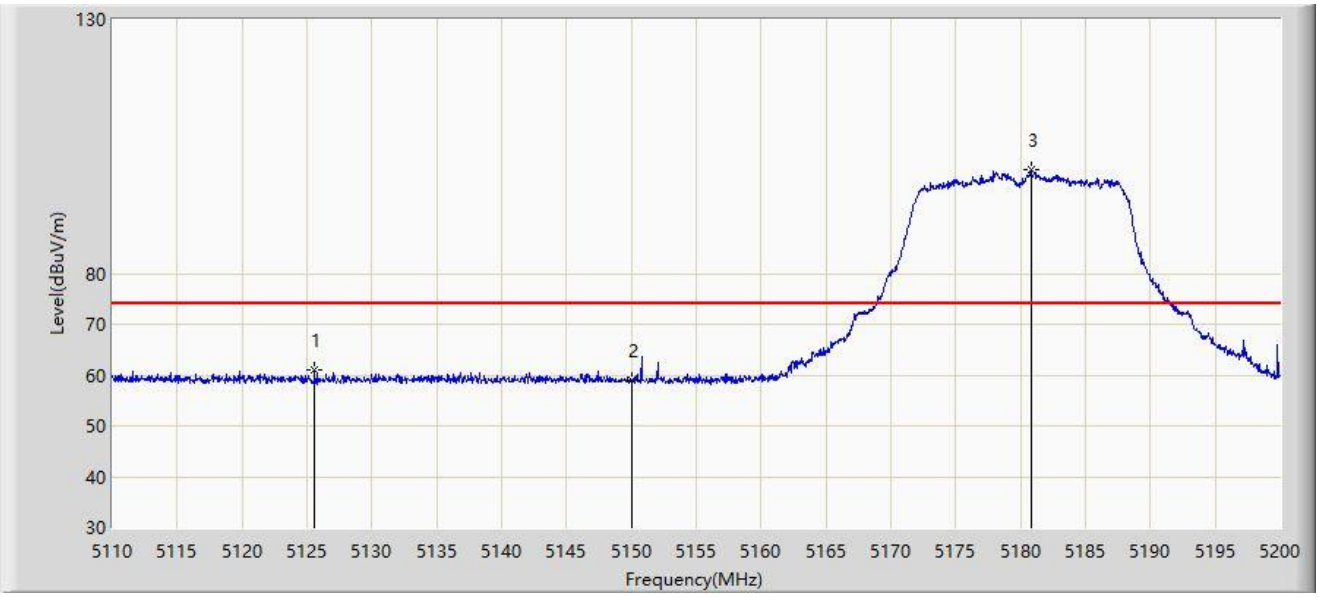
Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit.

Note 3: 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

Site: NS-AC1	Time: 2021/12/18 - 15:41
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5180MHz	

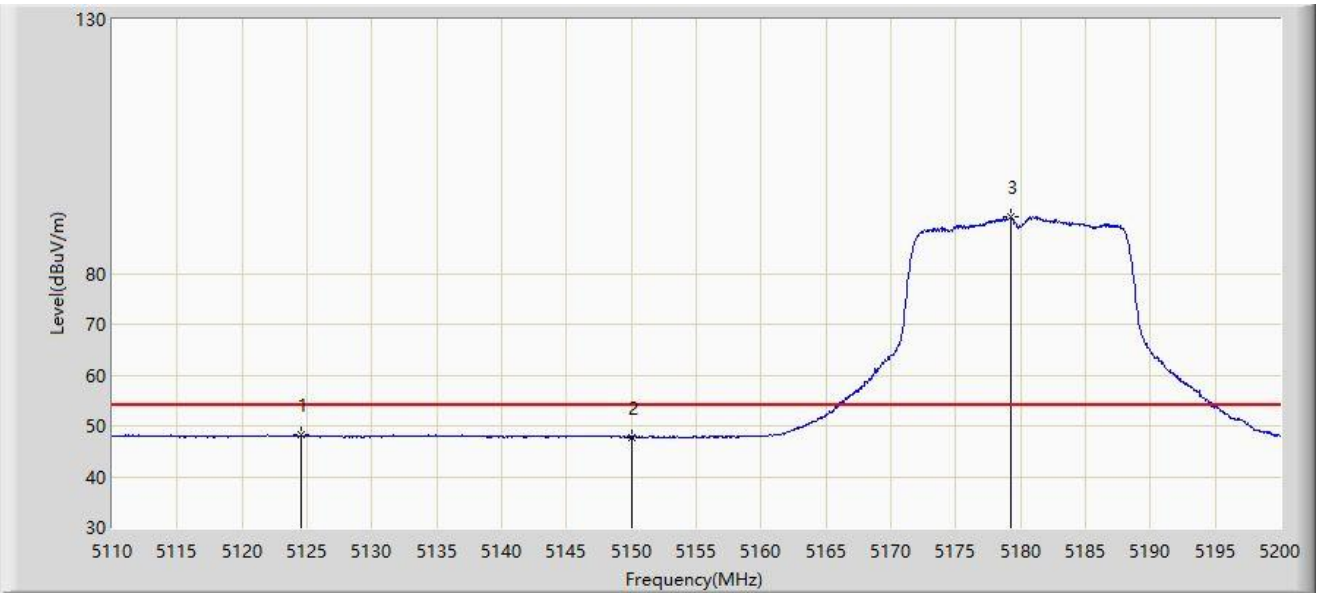


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5125.570	61.108	58.801	-12.892	74.000	2.306	PK
2			5150.000	58.861	56.495	-15.139	74.000	2.365	PK
3		*	5180.785	100.298	98.033	N/A	N/A	2.265	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 15:53
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5180MHz	

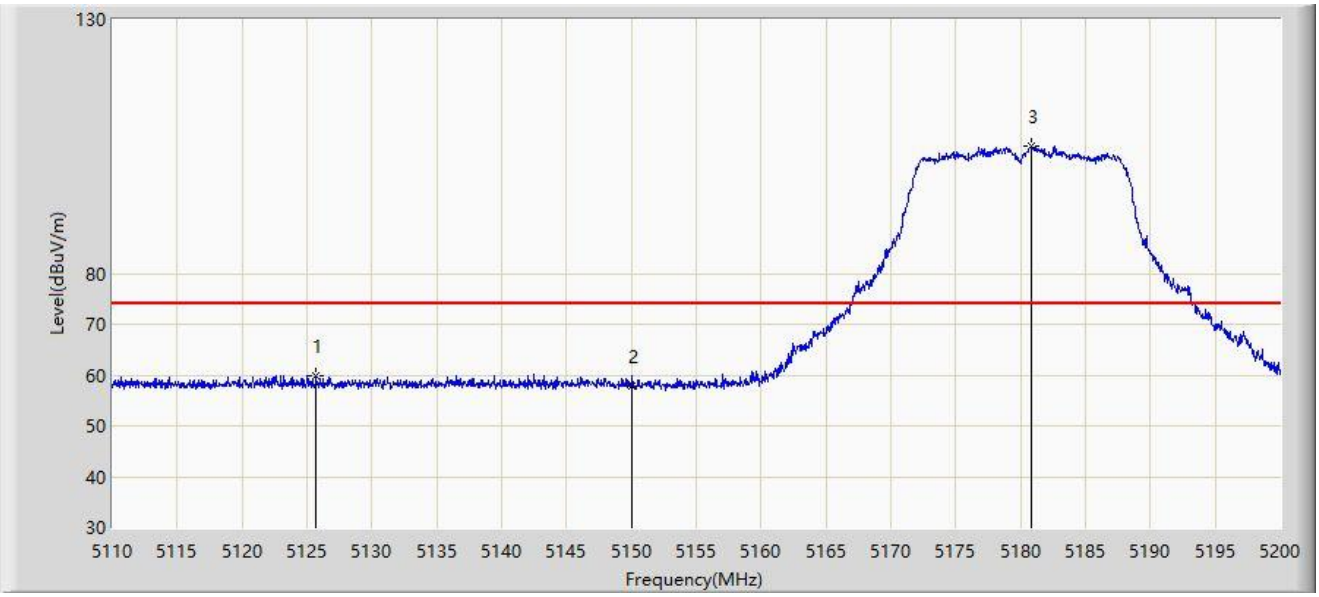


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5124.535	48.198	45.897	-5.802	54.000	2.302	AV
2			5150.000	47.806	45.440	-6.194	54.000	2.365	AV
3		*	5179.210	91.026	88.764	N/A	N/A	2.262	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 15:56
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5180MHz	

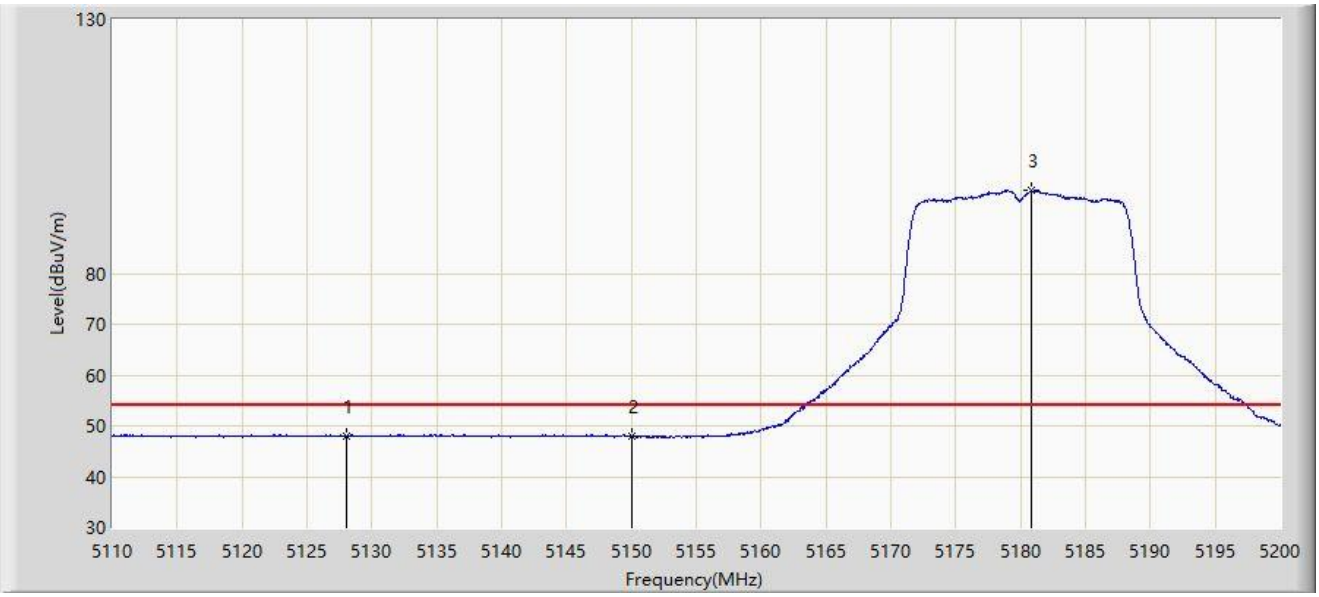


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5125.705	59.846	57.539	-14.154	74.000	2.307	PK
2			5150.000	57.769	55.403	-16.231	74.000	2.365	PK
3		*	5180.785	105.153	102.888	N/A	N/A	2.265	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 15:57
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5180MHz	

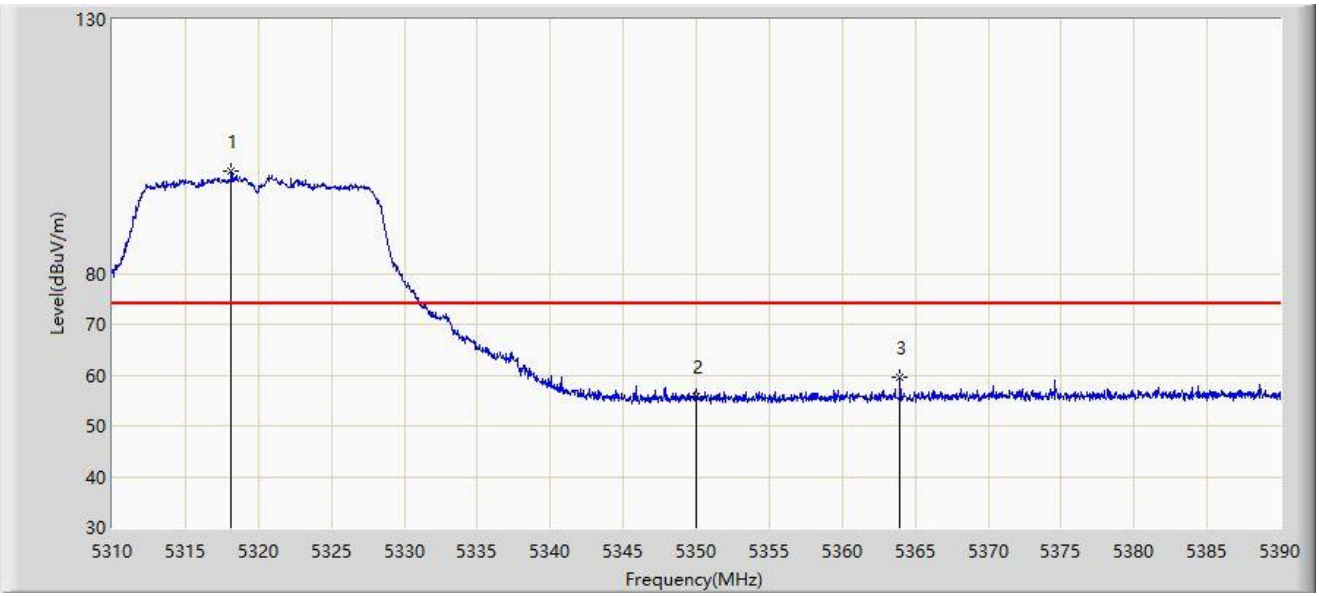


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5128.000	47.930	45.611	-6.070	54.000	2.319	AV
2			5150.000	47.884	45.518	-6.116	54.000	2.365	AV
3		*	5180.830	96.332	94.067	N/A	N/A	2.265	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 15:59
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5320MHz	

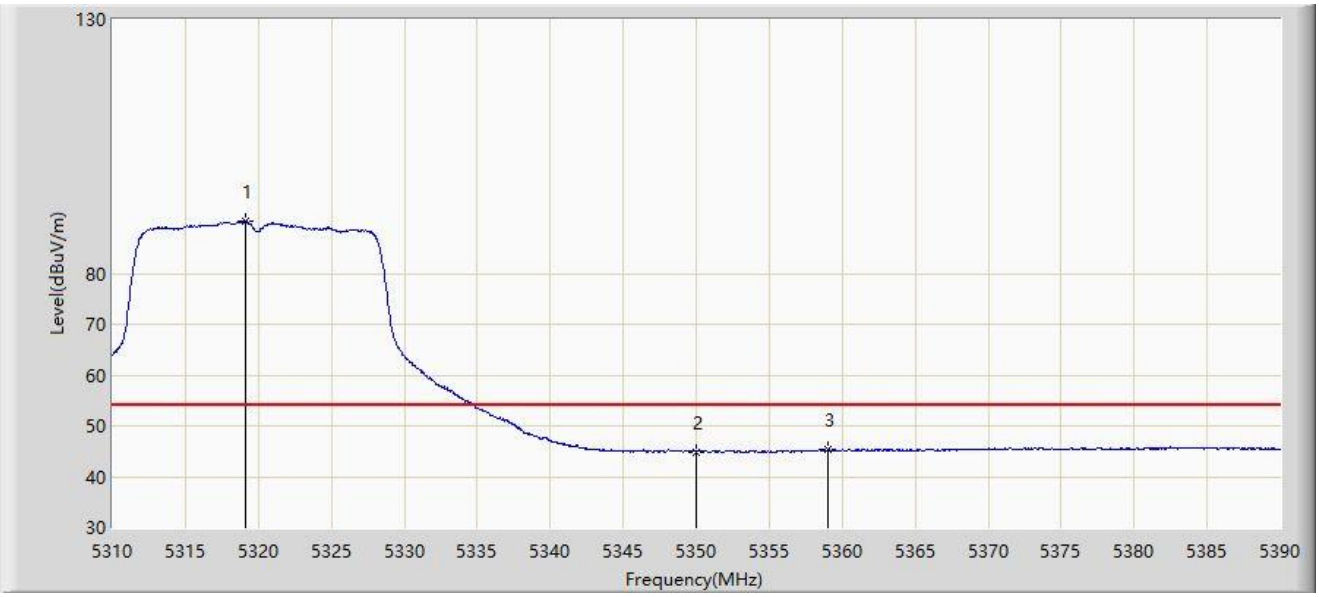


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5318.160	100.129	98.641	N/A	N/A	1.488	PK
2			5350.000	55.935	54.725	-18.065	74.000	1.210	PK
3			5363.960	59.640	58.110	-14.360	74.000	1.530	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 16:00
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5320MHz	

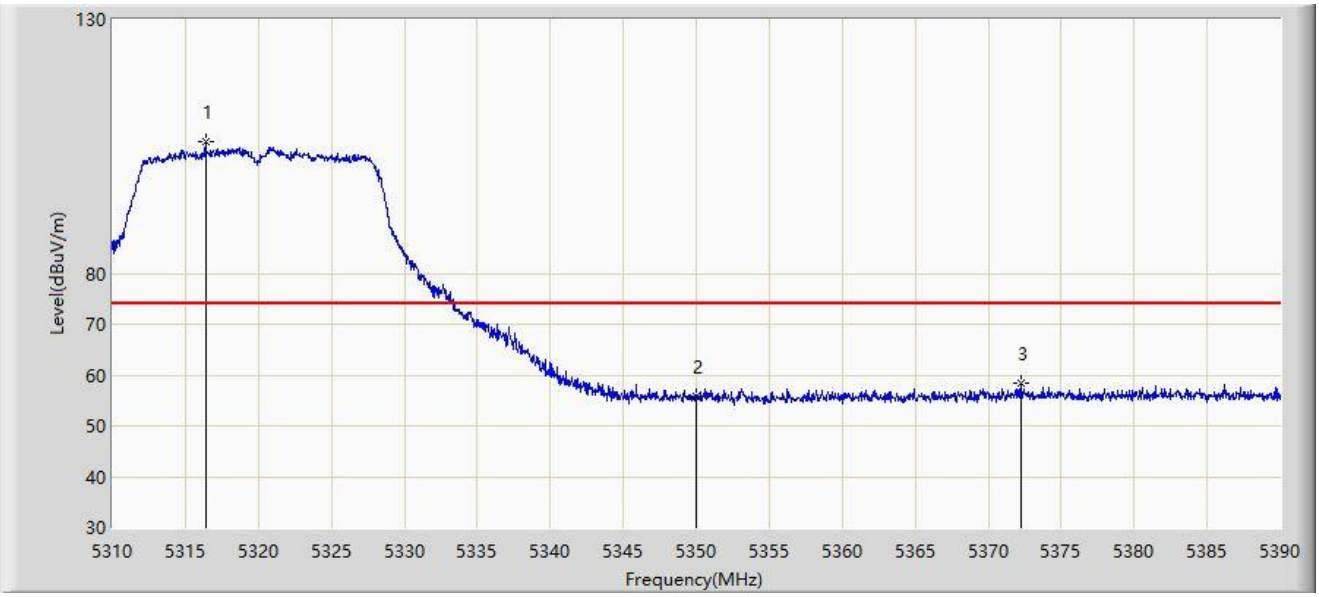


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5319.160	90.147	88.663	N/A	N/A	1.484	AV
2			5350.000	44.909	43.699	-9.091	54.000	1.210	AV
3			5359.040	45.392	44.005	-8.608	54.000	1.386	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 16:02
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5320MHz	

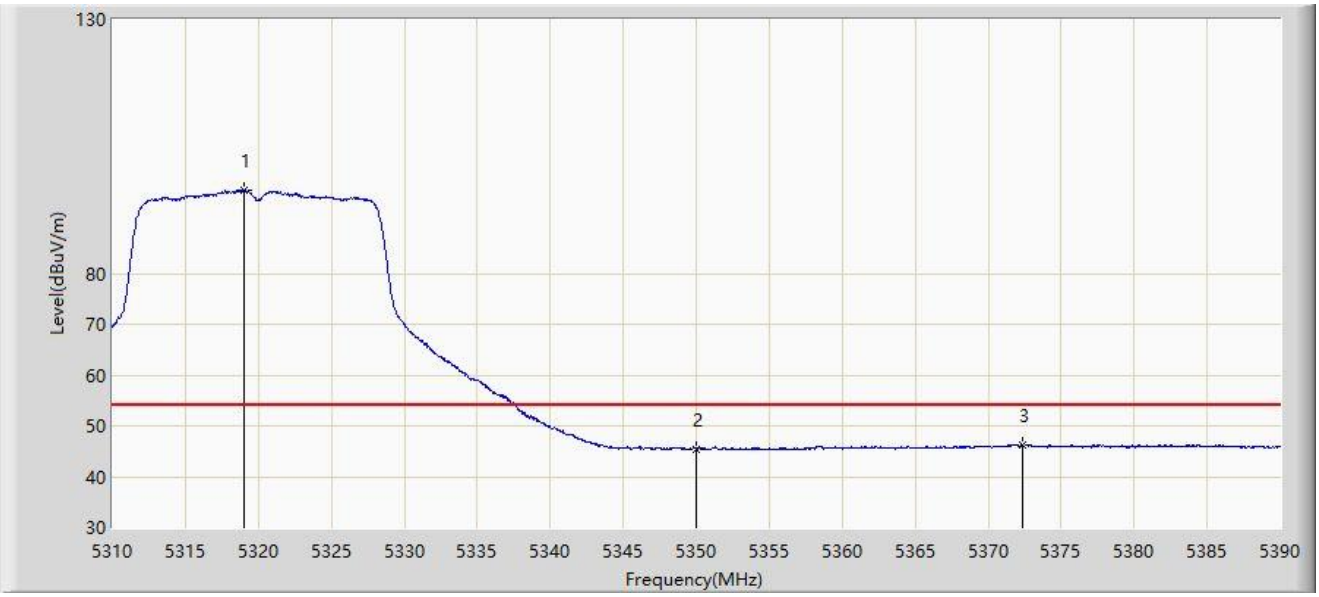


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5316.400	105.810	104.319	N/A	N/A	1.491	PK
2			5350.000	55.659	54.449	-18.341	74.000	1.210	PK
3			5372.280	58.383	56.670	-15.617	74.000	1.714	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 16:03
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5320MHz	

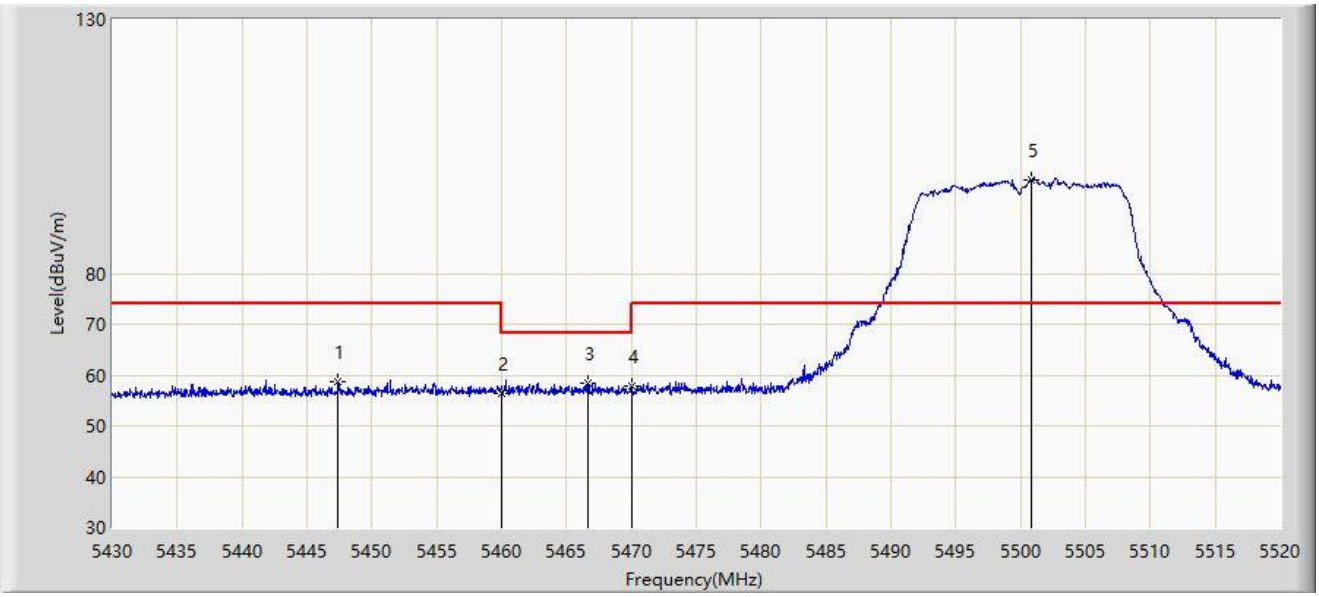


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5319.040	96.451	94.967	N/A	N/A	1.485	AV
2			5350.000	45.507	44.297	-8.493	54.000	1.210	AV
3			5372.360	46.328	44.614	-7.672	54.000	1.714	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 16:04
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5500MHz	

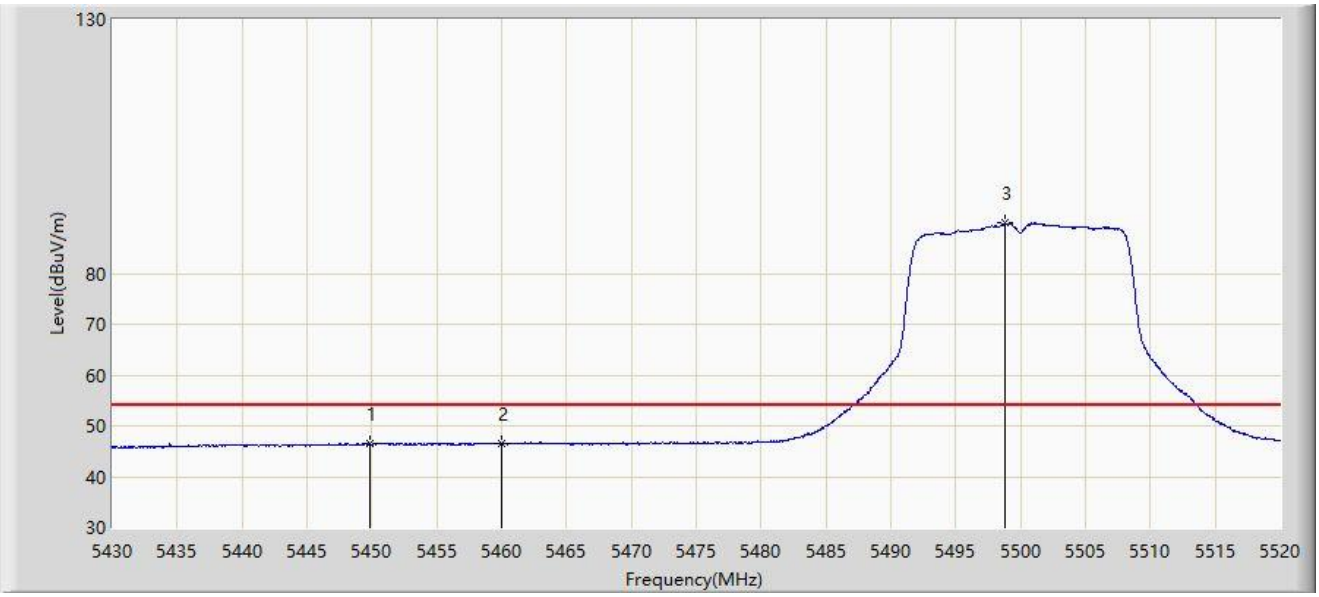


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5447.370	58.605	56.435	-15.395	74.000	2.169	PK
2			5460.000	56.403	54.178	-17.597	74.000	2.225	PK
3			5466.630	58.519	56.317	-9.681	68.200	2.202	PK
4			5470.000	57.769	55.579	-10.431	68.200	2.190	PK
5		*	5500.875	98.547	96.223	N/A	N/A	2.324	PK

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

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

Site: NS-AC1	Time: 2021/12/18 - 16:08
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5500MHz	

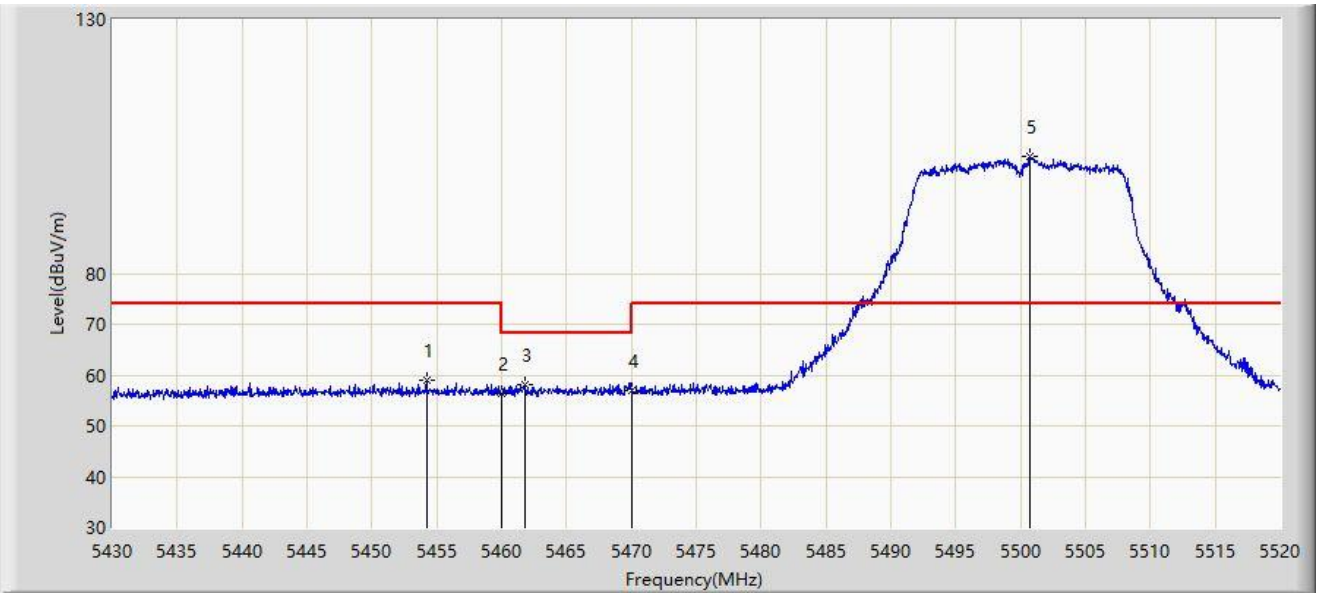


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5449.845	46.384	44.186	-7.616	54.000	2.199	AV
2			5460.000	46.498	44.273	-7.502	54.000	2.225	AV
3		*	5498.850	89.879	87.532	N/A	N/A	2.347	AV

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

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

Site: NS-AC1	Time: 2021/12/18 - 16:09
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by 802.11a at channel 5500MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5454.210	58.852	56.607	-15.148	74.000	2.244	PK
2			5460.000	56.335	54.110	-17.665	74.000	2.225	PK
3			5461.860	58.101	55.882	-10.099	68.200	2.219	PK
4			5470.000	57.036	54.846	-11.164	68.200	2.190	PK
5		*	5500.740	103.017	100.691	N/A	N/A	2.325	PK

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

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