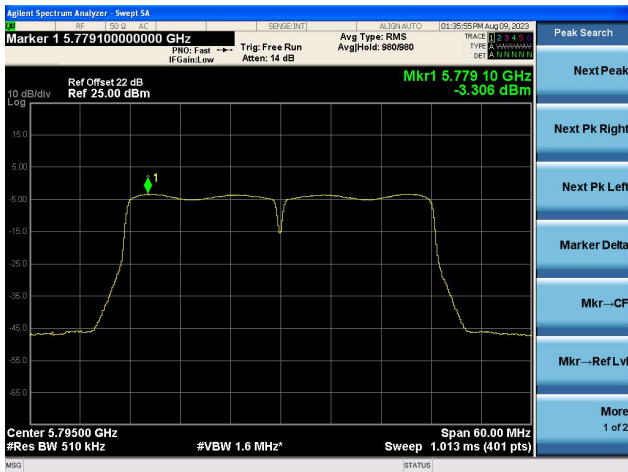| 802.11n-HT40 Power Spectral Density	
Channel 134 (5670MHz)	Channel 151 (5755MHz)
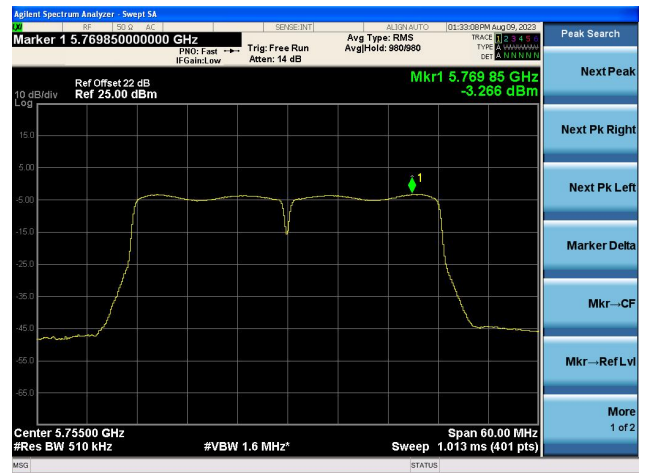
Channel 159 (5795MHz)	

802.11ac-VHT20 Power Spectral Density

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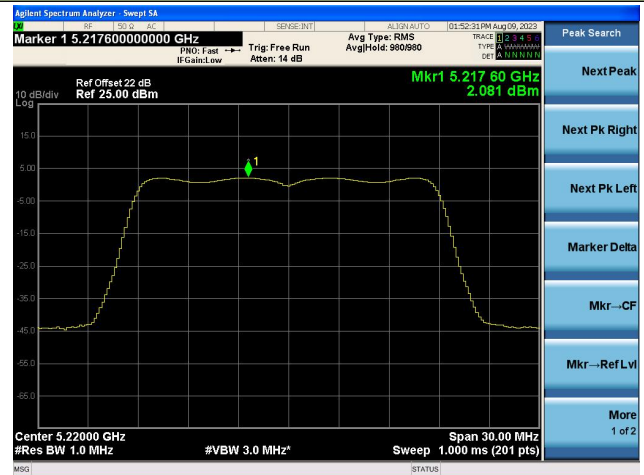
Channel 48 (5240MHz)	Channel 52 (5260MHz)
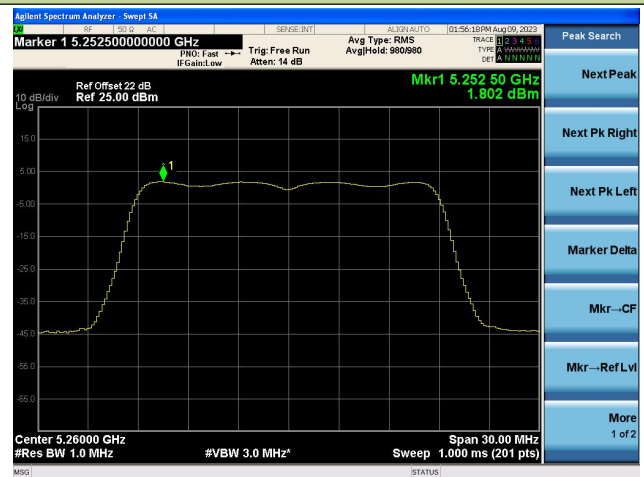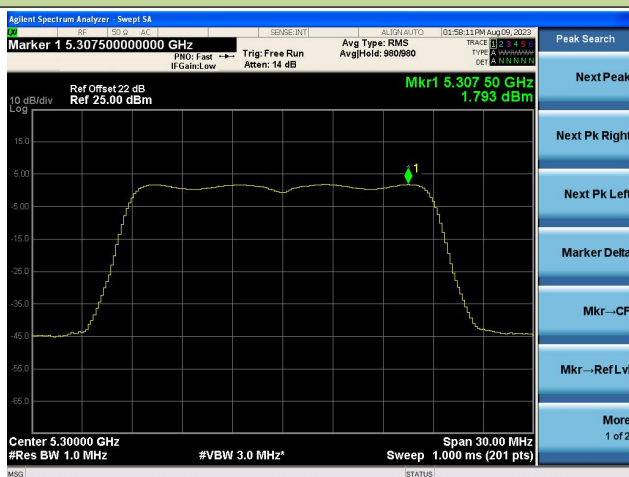
Channel 60 (5300MHz)	Channel 64 (5320MHz)
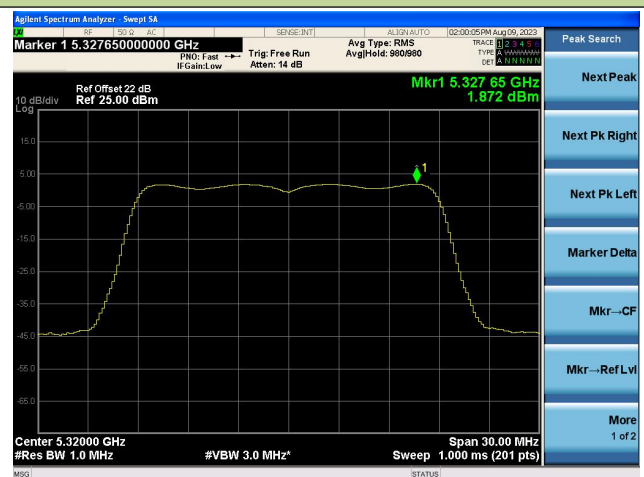
802.11ac-VHT20 Power Spectral Density

Channel 100 (5500MHz)	Channel 116 (5580MHz)
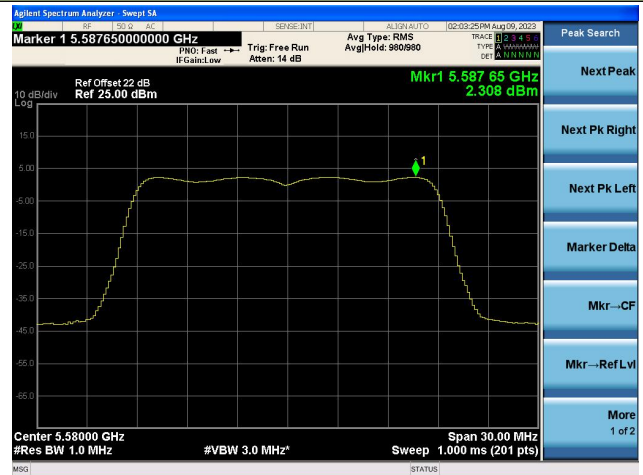
Channel 120 (5600MHz)	Channel 132 (5660MHz)

Channel 140 (5700MHz)	Channel 149 (5745MHz)
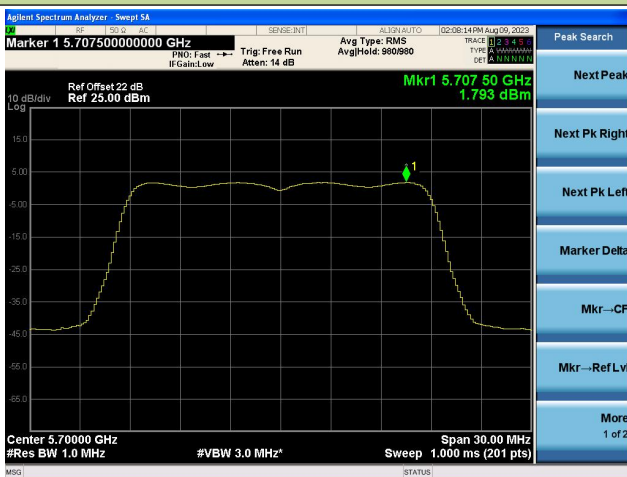
802.11ac-VHT20 Power Spectral Density

Channel 157 (5785MHz)	Channel 165 (5825MHz)
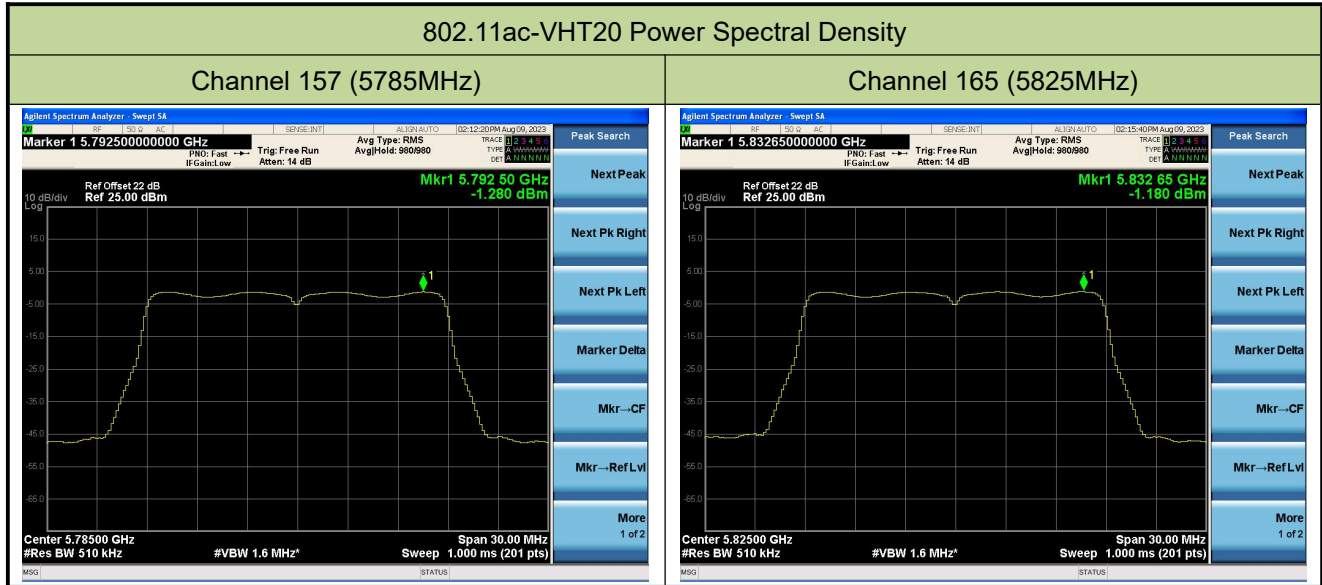
802.11ac-VHT40 Power Spectral Density

Channel 38 (5190MHz)

Channel 46 (5230MHz)

Channel 54 (5270MHz)

Channel 62 (5310MHz)

Channel 102 (5510MHz)
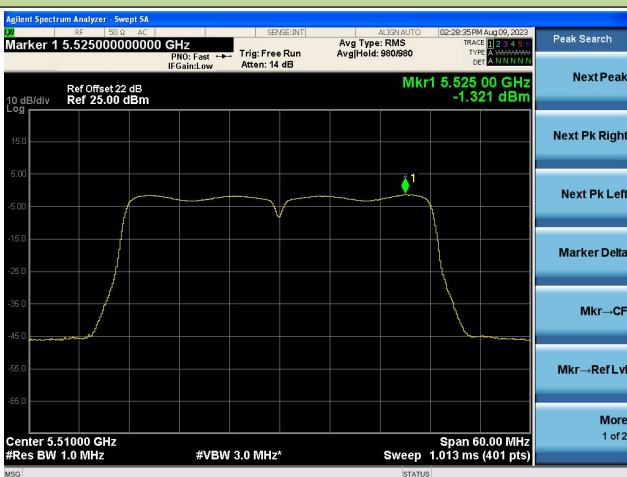
Channel 118 (5590MHz)
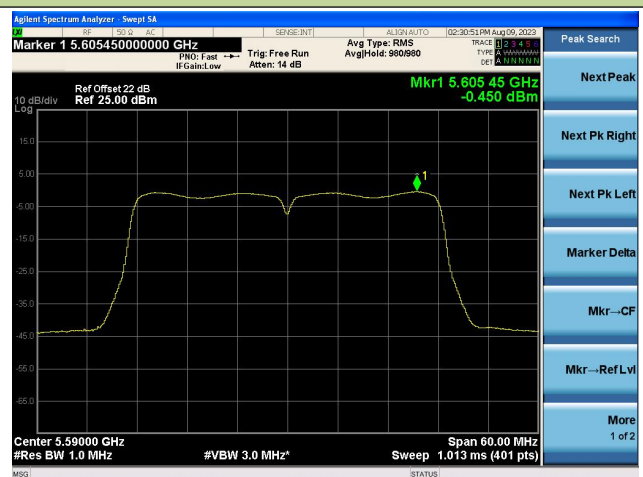
802.11ac-VHT40 Power Spectral Density
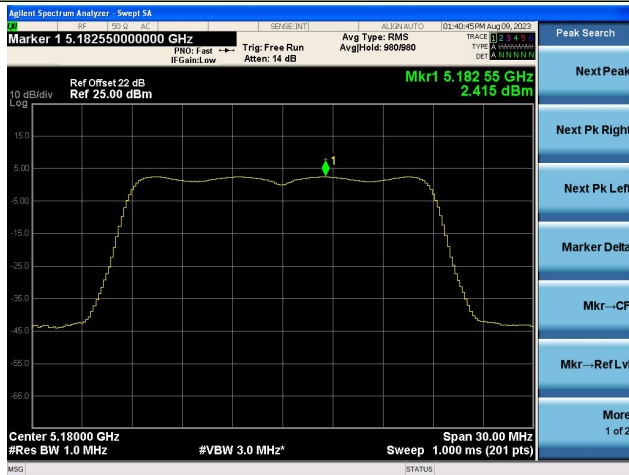
Channel 134 (5670MHz)	Channel 151 (5755MHz)
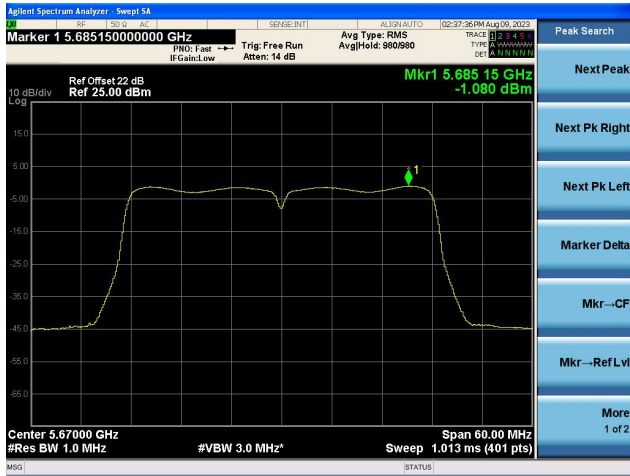
Channel 159 (5795MHz)	
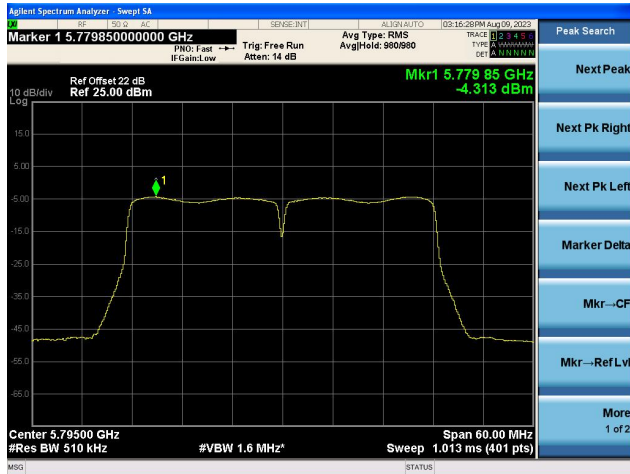
802.11ac-VHT80 Power Spectral Density	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
Channel 106 (5530MHz)	Channel 122 (5610MHz)
Channel 155 (5775MHz)	
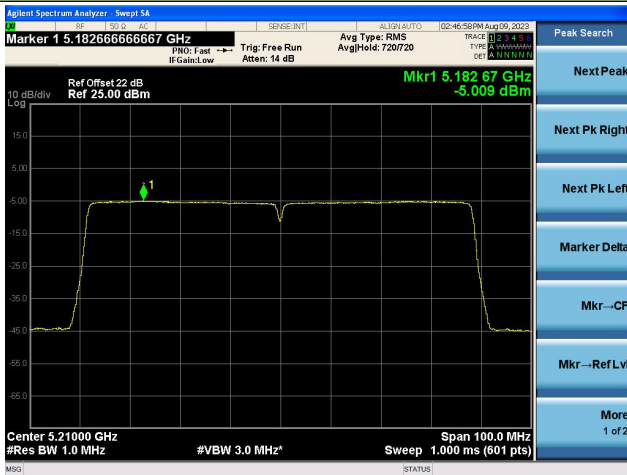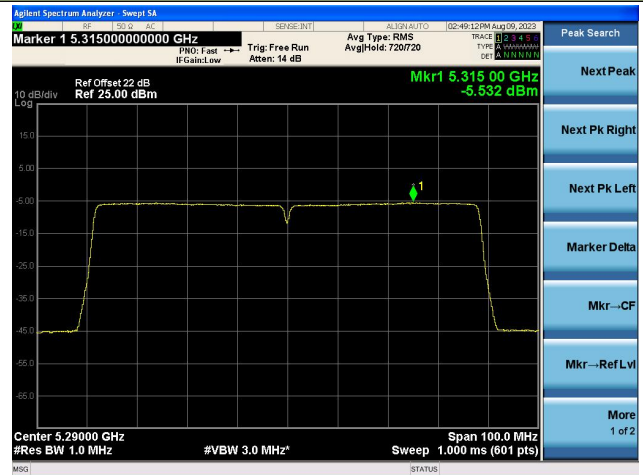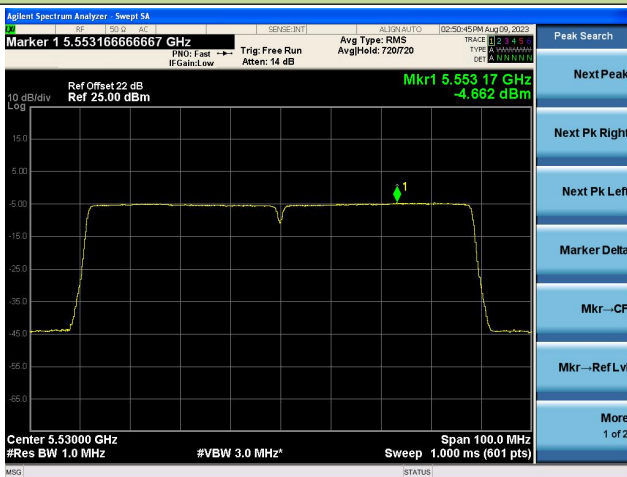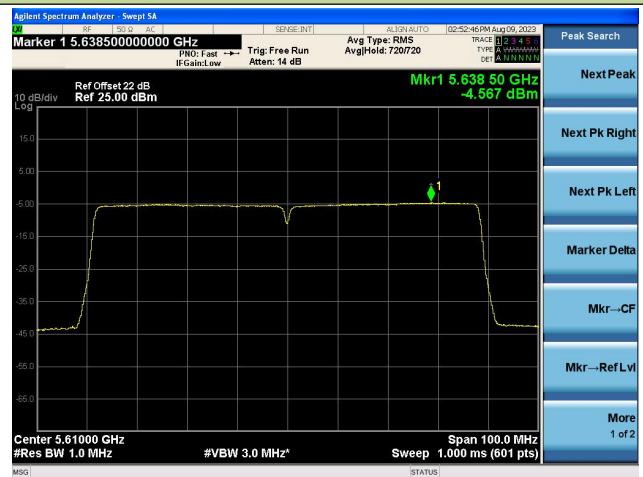
A.6 Frequency Stability Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-08-10	Test Mode	5180MHz

Voltage	Power	Temp	Frequency Tolerance (ppm)			
(%)	(VAC)	(°C)	0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	-5.59	-5.84	-5.94	-5.96
		- 20	-5.66	-5.86	-5.94	-5.95
		- 10	-5.70	-5.86	-5.94	-5.97
		0	-5.73	-5.87	-5.94	-5.98
		+ 10	-5.75	-5.88	-5.96	-5.99
		+ 20	-5.77	-5.91	-5.94	-5.99
		+ 30	-5.78	-5.92	-5.95	-6.00
		+ 40	-5.80	-5.92	-5.95	-6.00
		+ 50	-5.81	-5.93	-5.96	-6.00
115	138	+ 20	-5.82	-5.93	-5.97	-6.00
85	102	+ 20	-5.83	-5.94	-5.97	-6.01

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

A.7 Radiated Spurious Emission Test Result

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-07	Test Mode	802.11a – Channel 36
Remark		1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.	

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	35.5	9.2	44.7	74.0	-29.3	Peak	Horizontal
*	10358.5	44.4	13.8	58.2	68.2	-10.0	Peak	Horizontal
	15543.3	43.4	16.6	60.0	74.0	-14.0	Peak	Horizontal
	15543.3	33.8	16.6	50.4	54.0	-3.6	Average	Horizontal
*	16368.0	32.3	17.2	49.5	68.2	-18.7	Peak	Horizontal
	8276.0	35.1	9.2	44.3	74.0	-29.7	Peak	Vertical
*	10358.5	51.2	13.8	65.0	68.2	-3.2	Peak	Vertical
	15541.6	45.9	16.6	62.5	74.0	-11.5	Peak	Vertical
	15541.6	36.0	16.6	52.6	54.0	-1.4	Average	Vertical
*	16402.0	32.8	16.3	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	Flag Yang
Test Date	2023-08-07		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
	8225.0	36.3	8.9	45.2	74.0	-28.8	Peak	Horizontal
*	10443.5	45.2	13.7	58.9	68.2	-9.3	Peak	Horizontal
	15662.9	46.1	15.2	61.3	74.0	-12.7	Peak	Horizontal
	15662.9	35.9	15.2	51.1	54.0	-2.9	Average	Horizontal
*	16317.0	33.8	16.6	50.4	68.2	-17.8	Peak	Horizontal
	8369.5	36.3	9.8	46.1	74.0	-27.9	Peak	Vertical
*	10443.5	50.5	13.7	64.2	68.2	-4.0	Peak	Vertical
	15659.7	48.2	15.2	63.4	74.0	-10.6	Peak	Vertical
	15659.7	38.7	15.2	53.9	54.0	-0.1	Average	Vertical
*	16351.0	32.4	17.5	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-07	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
	8242.0	34.8	9.0	43.8	74.0	-30.2	Peak	Horizontal
*	10477.5	43.8	14.2	58.0	68.2	-10.2	Peak	Horizontal
	15721.6	43.4	15.8	59.2	74.0	-14.8	Peak	Horizontal
	15721.6	35.1	15.8	50.9	54.0	-3.1	Average	Horizontal
*	16495.5	32.3	16.2	48.5	68.2	-19.7	Peak	Horizontal
	8310.0	35.4	9.3	44.7	74.0	-29.3	Peak	Vertical
*	10477.5	47.9	14.2	62.1	68.2	-6.1	Peak	Vertical
	15720.5	46.8	15.8	62.6	74.0	-11.4	Peak	Vertical
	15720.5	37.3	15.8	53.1	54.0	-0.9	Average	Vertical
*	16393.5	32.8	16.5	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	8318.5	34.5	9.3	43.8	74.0	-30.2	Peak	Horizontal
*	10520.0	42.5	13.7	56.2	68.2	-12.0	Peak	Horizontal
	15781.2	41.6	16.0	57.6	74.0	-16.4	Peak	Horizontal
	15781.2	32.7	16.0	48.7	54.0	-5.3	Average	Horizontal
*	16470.0	32.6	16.2	48.8	68.2	-19.4	Peak	Horizontal
	8259.0	34.5	9.0	43.5	74.0	-30.5	Peak	Vertical
*	10520.0	46.9	13.7	60.6	68.2	-7.6	Peak	Vertical
	15779.6	46.2	16.0	62.2	74.0	-11.8	Peak	Vertical
	15779.6	36.1	16.0	52.1	54.0	-1.9	Average	Vertical
*	16504.0	32.4	16.0	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		Flag Yang
Test Date	2023-08-07		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
	8403.5	36.2	9.8	46.0	74.0	-28.0	Peak	Horizontal
*	10596.5	40.7	13.8	54.5	68.2	-13.7	Peak	Horizontal
	15901.8	42.1	16.5	58.6	74.0	-15.4	Peak	Horizontal
	15901.8	33.1	16.5	49.6	54.0	-4.4	Average	Horizontal
*	16427.5	32.3	17.0	49.3	68.2	-18.9	Peak	Horizontal
	8165.5	36.2	9.0	45.2	74.0	-28.8	Peak	Vertical
*	10588.0	45.8	13.7	59.5	68.2	-8.7	Peak	Vertical
	15901.4	48.3	16.5	64.8	74.0	-9.2	Peak	Vertical
	15901.4	37.1	16.5	53.6	54.0	-0.4	Average	Vertical
*	16274.5	32.8	16.0	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	10640.1	41.3	13.8	55.1	74.0	-18.9	Peak	Horizontal
	10640.1	32.6	13.8	46.4	54.0	-7.6	Average	Horizontal
*	13019.0	34.0	15.4	49.4	68.2	-18.8	Peak	Horizontal
	15962.8	42.2	15.2	57.4	74.0	-16.6	Peak	Horizontal
	15962.8	33.8	15.2	49.0	54.0	-5.0	Average	Horizontal
*	16427.5	32.2	17.0	49.2	68.2	-19.0	Peak	Horizontal
	8276.000	35.5	9.2	44.7	74.0	-29.3	Peak	Vertical
*	10358.500	44.4	13.8	58.2	68.2	-10.0	Peak	Vertical
	15543.325	43.4	16.6	60.0	74.0	-14.0	Peak	Vertical
	15543.325	33.8	16.6	50.4	54.0	-3.6	Average	Vertical
*	16368.000	32.3	17.2	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	Flag Yang
Test Date	2023-08-07	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
	11004.5	36.1	14.7	50.8	74.0	-23.2	Peak	Horizontal
*	12951.0	33.3	15.6	48.9	68.2	-19.3	Peak	Horizontal
	15492.5	32.2	17.0	49.2	74.0	-24.8	Peak	Horizontal
*	16512.5	40.1	16.9	57.0	68.2	-11.2	Peak	Horizontal
	11004.5	38.1	14.7	52.8	74.0	-21.2	Peak	Vertical
*	13180.5	32.0	15.3	47.3	68.2	-20.9	Peak	Vertical
	15807.0	31.9	16.0	47.9	74.0	-26.1	Peak	Vertical
*	16495.5	45.5	16.2	61.7	68.2	-6.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-07	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
	11480.5	33.4	15.7	49.1	74.0	-24.9	Peak	Horizontal
*	13010.5	32.1	15.4	47.5	68.2	-20.7	Peak	Horizontal
	15943.0	32.1	15.0	47.1	74.0	-26.9	Peak	Horizontal
*	16495.5	41.8	16.2	58.0	68.2	-10.2	Peak	Horizontal
	10996.0	38.7	14.6	53.3	74.0	-20.7	Peak	Vertical
*	13019.0	32.9	15.4	48.3	68.2	-19.9	Peak	Vertical
	15739.0	33.5	16.1	49.6	74.0	-24.4	Peak	Vertical
*	16504.0	46.1	16.0	62.1	68.2	-6.1	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	Flag Yang
Test Date	2023-08-07		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
	11200.0	35.0	15.6	50.6	74.0	-23.4	Peak	Horizontal
*	12951.0	32.0	15.6	47.6	68.2	-20.6	Peak	Horizontal
	15951.5	31.6	15.0	46.6	74.0	-27.4	Peak	Horizontal
*	16793.0	35.3	18.7	54.0	68.2	-14.2	Peak	Horizontal
	11200.0	38.3	15.6	53.9	74.0	-20.1	Peak	Vertical
*	12976.5	34.5	15.3	49.8	68.2	-18.4	Peak	Vertical
	15781.5	31.6	16.0	47.6	74.0	-26.4	Peak	Vertical
*	16793.0	39.1	18.7	57.8	68.2	-10.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		Test Mode	802.11a – Channel 132
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	11200.0	35.2	15.6	50.8	74.0	-23.2	Peak	Horizontal
*	13053.0	33.7	15.3	49.0	68.2	-19.2	Peak	Horizontal
	15739.0	33.8	16.1	49.9	74.0	-24.1	Peak	Horizontal
*	16784.5	35.4	18.6	54.0	68.2	-14.2	Peak	Horizontal
	11208.5	35.6	15.8	51.4	74.0	-22.6	Peak	Vertical
*	13002.0	32.6	15.4	48.0	68.2	-20.2	Peak	Vertical
	15705.0	33.1	16.0	49.1	74.0	-24.9	Peak	Vertical
*	16810.0	38.5	18.8	57.3	68.2	-10.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-07	Test Mode	802.11a – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11225.5	31.9	15.8	47.7	74.0	-26.3	Peak	Horizontal
*	12951.0	32.3	15.6	47.9	68.2	-20.3	Peak	Horizontal
	15960.0	31.3	15.0	46.3	74.0	-27.7	Peak	Horizontal
*	17065.0	33.7	19.9	53.6	68.2	-14.6	Peak	Horizontal
	11302.0	33.6	15.9	49.5	74.0	-24.5	Peak	Vertical
*	12917.0	32.7	15.3	48.0	68.2	-20.2	Peak	Vertical
	15985.5	34.3	15.8	50.1	74.0	-23.9	Peak	Vertical
*	17090.5	39.8	18.3	58.1	68.2	-10.1	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	Flag Yang
Test Date	2023-08-07		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
	11081.0	33.8	16.1	49.9	74.0	-24.1	Peak	Horizontal
*	13036.0	33.7	15.7	49.4	68.2	-18.8	Peak	Horizontal
	15892.0	32.2	16.7	48.9	74.0	-25.1	Peak	Horizontal
*	17235.0	35.7	19.8	55.5	68.2	-12.7	Peak	Horizontal
	10962.0	35.8	15.3	51.1	74.0	-22.9	Peak	Vertical
*	12959.5	32.0	15.5	47.5	68.2	-20.7	Peak	Vertical
	15858.0	33.5	15.5	49.0	74.0	-25.0	Peak	Vertical
*	17243.5	40.1	20.0	60.1	68.2	-8.1	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	Flag Yang
Test Date	2023-08-07		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
	11557.0	33.7	15.9	49.6	74.0	-24.4	Peak	Horizontal
*	14302.5	36.4	17.4	53.8	68.2	-14.4	Peak	Horizontal
	15824.0	32.9	16.6	49.5	74.0	-24.5	Peak	Horizontal
*	17345.5	34.6	21.6	56.2	68.2	-12.0	Peak	Horizontal
	11480.5	33.1	15.7	48.8	74.0	-25.2	Peak	Vertical
*	13019.0	32.4	15.4	47.8	68.2	-20.4	Peak	Vertical
	15662.5	32.9	15.2	48.1	74.0	-25.9	Peak	Vertical
*	17362.5	39.7	21.2	60.9	68.2	-7.3	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11072.5	34.8	15.9	50.7	74.0	-23.3	Peak	Horizontal
*	13070.0	34.5	15.8	50.3	68.2	-17.9	Peak	Horizontal
	15824.0	33.5	16.6	50.1	74.0	-23.9	Peak	Horizontal
*	17473.0	35.6	21.4	57.0	68.2	-11.2	Peak	Horizontal
	11642.0	35.8	16.0	51.8	74.0	-22.2	Peak	Vertical
*	13597.0	34.2	17.2	51.4	68.2	-16.8	Peak	Vertical
	15688.0	32.3	15.3	47.6	74.0	-26.4	Peak	Vertical
*	17473.0	41.1	21.4	62.5	68.2	-5.7	Peak	Vertical

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

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

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

Test Site	NS-AC1			Test Engineer	Flag Yang			
Test Date	2023-08-07			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
	8378.000	36.6	9.9	46.5	74.0	-27.5	Peak	Horizontal
*	10358.500	42.6	13.8	56.4	68.2	-11.8	Peak	Horizontal
	15543.150	44.8	16.6	61.4	74.0	-12.6	Peak	Horizontal
	15543.150	34.9	16.6	51.5	54.0	-2.5	Average	Horizontal
*	16351.000	32.1	17.5	49.6	68.2	-18.6	Peak	Horizontal
	8369.500	35.3	9.8	45.1	74.0	-28.9	Peak	Vertical
*	10358.500	48.7	13.8	62.5	68.2	-5.7	Peak	Vertical
	15542.025	47.0	16.6	63.6	74.0	-10.4	Peak	Vertical
	15542.025	36.9	16.6	53.5	54.0	-0.5	Average	Vertical
*	16470.000	32.3	16.2	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	8310.000	35.5	9.3	44.8	74.0	-29.2	Peak	Horizontal
*	10443.500	43.1	13.7	56.8	68.2	-11.4	Peak	Horizontal
	15658.030	45.7	15.3	61.0	74.0	-13.0	Peak	Horizontal
	15658.030	35.9	15.3	51.2	54.0	-2.8	Average	Horizontal
*	16648.500	33.2	18.0	51.2	68.2	-17.0	Peak	Horizontal
	8446.000	35.9	10.5	46.4	74.0	-27.6	Peak	Vertical
*	10443.500	47.4	13.7	61.1	68.2	-7.1	Peak	Vertical
	15660.200	47.5	15.2	62.7	74.0	-11.3	Peak	Vertical
	15660.200	38.1	15.2	53.3	54.0	-0.7	Average	Vertical
*	16317.000	32.9	16.6	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	Flag Yang
Test Date	2023-08-07		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
	8267.500	35.5	9.1	44.6	74.0	-29.4	Peak	Horizontal
*	10486.000	40.0	14.3	54.3	68.2	-13.9	Peak	Horizontal
	15718.400	44.5	15.9	60.4	74.0	-13.6	Peak	Horizontal
	15718.400	34.6	15.9	50.5	54.0	-3.5	Average	Horizontal
*	16572.000	32.2	16.8	49.0	68.2	-19.2	Peak	Horizontal
	8395.000	35.9	9.8	45.7	74.0	-28.3	Peak	Vertical
*	10469.000	46.0	14.1	60.1	68.2	-8.1	Peak	Vertical
	15722.150	46.2	15.8	62.0	74.0	-12.0	Peak	Vertical
	15722.150	37.0	15.8	52.8	54.0	-1.2	Average	Vertical
*	16351.000	32.5	17.5	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	8403.500	34.1	9.8	43.9	74.0	-30.1	Peak	Horizontal
*	10511.500	41.6	13.9	55.5	68.2	-12.7	Peak	Horizontal
	15778.350	41.8	16.0	57.8	74.0	-16.2	Peak	Horizontal
	15778.350	33.1	16.0	49.1	54.0	-4.9	Average	Horizontal
*	16504.000	32.7	16.0	48.7	68.2	-19.5	Peak	Horizontal
	8208.000	35.3	9.2	44.5	74.0	-29.5	Peak	Vertical
*	10520.000	44.4	13.7	58.1	68.2	-10.1	Peak	Vertical
	15779.375	45.7	16.0	61.7	74.0	-12.3	Peak	Vertical
	15779.375	35.5	16.0	51.5	54.0	-2.5	Average	Vertical
*	16427.500	32.9	17.0	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Site	NS-AC1			Test Engineer	Flag Yang			
Test Date	2023-08-07			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
	8293.000	35.5	9.3	44.8	74.0	-29.2	Peak	Horizontal
*	10596.500	40.7	13.8	54.5	68.2	-13.7	Peak	Horizontal
	15902.150	42.1	16.5	58.6	74.0	-15.4	Peak	Horizontal
	15902.150	33.1	16.5	49.6	54.0	-4.4	Average	Horizontal
*	16504.000	32.8	16.0	48.8	68.2	-19.4	Peak	Horizontal
	8233.500	34.5	9.0	43.5	74.0	-30.5	Peak	Vertical
*	10596.500	43.4	13.8	57.2	68.2	-11.0	Peak	Vertical
	15903.075	46.4	16.5	62.9	74.0	-11.1	Peak	Vertical
	15903.075	36.8	16.5	53.3	54.0	-0.7	Average	Vertical
*	16495.500	32.2	16.2	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	Flag Yang
Test Date	2023-08-07	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
	10640.850	42.5	13.8	56.3	74.0	-17.7	Peak	Horizontal
	10640.850	30.6	13.8	44.4	54.0	-9.6	Average	Horizontal
*	12951.000	33.4	15.6	49.0	68.2	-19.2	Peak	Horizontal
	15963.250	42.2	15.2	57.4	74.0	-16.6	Peak	Horizontal
	15963.250	31.6	15.2	46.8	54.0	-7.2	Average	Horizontal
*	16461.500	32.6	16.4	49.0	68.2	-19.2	Peak	Horizontal
	10640.475	46.1	13.8	59.9	74.0	-14.1	Peak	Vertical
	10640.475	33.7	13.8	47.5	54.0	-6.5	Average	Vertical
*	13095.500	32.0	15.3	47.3	68.2	-20.9	Peak	Vertical
	15962.325	45.4	15.2	60.6	74.0	-13.4	Peak	Vertical
	15962.325	35.9	15.2	51.1	54.0	-2.9	Average	Vertical
*	16504.000	32.7	16.0	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	10817.500	35.1	14.8	49.9	74.0	-24.1	Peak	Horizontal
*	12891.500	32.5	15.0	47.5	68.2	-20.7	Peak	Horizontal
	15934.500	32.3	15.1	47.4	74.0	-26.6	Peak	Horizontal
*	16504.000	39.8	16.0	55.8	68.2	-12.4	Peak	Horizontal
	11030.000	33.8	15.2	49.0	74.0	-25.0	Peak	Vertical
*	13129.500	34.1	15.7	49.8	68.2	-18.4	Peak	Vertical
	15960.000	31.6	15.0	46.6	74.0	-27.4	Peak	Vertical
*	16495.500	44.1	16.2	60.3	68.2	-7.9	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11429.500	33.7	15.5	49.2	74.0	-24.8	Peak	Horizontal
*	13010.500	31.8	15.4	47.2	68.2	-21.0	Peak	Horizontal
	15756.000	34.5	15.6	50.1	74.0	-23.9	Peak	Horizontal
*	16742.000	36.2	18.1	54.3	68.2	-13.9	Peak	Horizontal
	10970.500	35.1	15.1	50.2	74.0	-23.8	Peak	Vertical
*	12985.000	32.8	15.4	48.2	68.2	-20.0	Peak	Vertical
	15943.000	31.9	15.0	46.9	74.0	-27.1	Peak	Vertical
*	16742.000	40.0	18.1	58.1	68.2	-10.1	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	Flag Yang
Test Date	2023-08-07			Test Mode	802.11n-HT20 – 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
	11489.000	34.5	15.7	50.2	74.0	-23.8	Peak	Horizontal
*	12840.500	34.2	14.9	49.1	68.2	-19.1	Peak	Horizontal
	15424.500	33.5	17.9	51.4	74.0	-22.6	Peak	Horizontal
*	16801.500	36.3	18.7	55.0	68.2	-13.2	Peak	Horizontal
	11200.000	37.7	15.6	53.3	74.0	-20.7	Peak	Vertical
*	13070.000	32.3	15.8	48.1	68.2	-20.1	Peak	Vertical
	15841.000	32.6	16.4	49.0	74.0	-25.0	Peak	Vertical
*	16801.500	38.7	18.7	57.4	68.2	-10.8	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	Flag Yang
Test Date	2023-08-07		Test Mode	802.11n-HT20 – Channel 132
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	10622.000	36.6	14.3	50.9	74.0	-23.1	Peak	Horizontal
*	13121.000	33.7	15.6	49.3	68.2	-18.9	Peak	Horizontal
	15892.000	32.9	16.7	49.6	74.0	-24.4	Peak	Horizontal
*	16971.500	34.7	19.1	53.8	68.2	-14.4	Peak	Horizontal
	11327.500	35.6	15.2	50.8	74.0	-23.2	Peak	Vertical
*	13155.000	34.1	15.6	49.7	68.2	-18.5	Peak	Vertical
	15637.000	32.2	16.2	48.4	74.0	-25.6	Peak	Vertical
*	16980.000	40.1	19.4	59.5	68.2	-8.7	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	10766.500	35.7	14.6	50.3	74.0	-23.7	Peak	Horizontal
*	12781.000	35.0	14.8	49.8	68.2	-18.4	Peak	Horizontal
	15849.500	32.4	16.0	48.4	74.0	-25.6	Peak	Horizontal
*	16691.000	33.8	18.4	52.2	68.2	-16.0	Peak	Horizontal
	11514.500	35.2	15.5	50.7	74.0	-23.3	Peak	Vertical
*	13019.000	33.7	15.4	49.1	68.2	-19.1	Peak	Vertical
	15637.000	32.3	16.2	48.5	74.0	-25.5	Peak	Vertical
*	17099.000	39.2	17.8	57.0	68.2	-11.2	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11404.000	34.9	15.3	50.2	74.0	-23.8	Peak	Horizontal
*	12849.000	33.0	15.0	48.0	68.2	-20.2	Peak	Horizontal
	15560.500	34.0	16.5	50.5	74.0	-23.5	Peak	Horizontal
*	16351.000	32.4	17.5	49.9	68.2	-18.3	Peak	Horizontal
	11404.000	33.2	15.3	48.5	74.0	-25.5	Peak	Vertical
*	13027.500	32.9	15.6	48.5	68.2	-19.7	Peak	Vertical
	15722.000	32.5	15.8	48.3	74.0	-25.7	Peak	Vertical
*	17226.500	39.8	20.0	59.8	68.2	-8.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11174.500	34.8	15.2	50.0	74.0	-24.0	Peak	Horizontal
*	12849.000	33.9	15.0	48.9	68.2	-19.3	Peak	Horizontal
	15866.500	32.3	15.6	47.9	74.0	-26.1	Peak	Horizontal
*	17362.500	35.2	21.2	56.4	68.2	-11.8	Peak	Horizontal
	11650.500	34.4	15.9	50.3	74.0	-23.7	Peak	Vertical
*	12900.000	32.5	14.8	47.3	68.2	-20.9	Peak	Vertical
	15849.500	31.9	16.0	47.9	74.0	-26.1	Peak	Vertical
*	17354.000	38.5	21.6	60.1	68.2	-8.1	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	Flag Yang			
Test Date	2023-08-07			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
	11251.000	34.8	15.5	50.3	74.0	-23.7	Peak	Horizontal
*	12959.500	33.5	15.5	49.0	68.2	-19.2	Peak	Horizontal
	15373.500	35.8	17.7	53.5	74.0	-20.5	Peak	Horizontal
*	17464.500	35.4	20.9	56.3	68.2	-11.9	Peak	Horizontal
	11650.500	35.3	15.9	51.2	74.0	-22.8	Peak	Vertical
*	12959.500	33.5	15.5	49.0	68.2	-19.2	Peak	Vertical
	15654.000	33.2	15.3	48.5	74.0	-25.5	Peak	Vertical
*	17473.000	39.8	21.4	61.2	68.2	-7.0	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	Flag Yang
Test Date	2023-08-07		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
	8318.500	36.5	9.3	45.8	74.0	-28.2	Peak	Horizontal
*	10384.000	39.0	14.1	53.1	68.2	-15.1	Peak	Horizontal
	15571.150	41.5	16.1	57.6	74.0	-16.4	Peak	Horizontal
	15571.150	32.7	16.1	48.8	54.0	-5.2	Average	Horizontal
*	16742.000	32.3	18.1	50.4	68.2	-17.8	Peak	Horizontal
	8242.000	34.7	9.0	43.7	74.0	-30.3	Peak	Vertical
*	10384.000	44.3	14.1	58.4	68.2	-9.8	Peak	Vertical
	15571.000	42.9	16.2	59.1	74.0	-14.9	Peak	Vertical
	15571.000	34.6	16.2	50.8	54.0	-3.2	Average	Vertical
*	16512.500	33.8	16.9	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	8446.000	35.9	10.5	46.4	74.0	-27.6	Peak	Horizontal
*	10460.500	39.4	14.0	53.4	68.2	-14.8	Peak	Horizontal
	15676.450	42.7	15.1	57.8	74.0	-16.2	Peak	Horizontal
	15676.450	32.1	15.1	47.2	54.0	-6.8	Average	Horizontal
*	16835.500	31.9	18.1	50.0	68.2	-18.2	Peak	Horizontal
	8199.500	35.3	9.2	44.5	74.0	-29.5	Peak	Vertical
*	10460.500	43.8	14.0	57.8	68.2	-10.4	Peak	Vertical
	15687.150	44.2	15.3	59.5	74.0	-14.5	Peak	Vertical
	15687.150	33.9	15.3	49.2	54.0	-4.8	Average	Vertical
*	16351.000	33.1	17.5	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	8386.500	35.7	9.8	45.5	74.0	-28.5	Peak	Horizontal
*	10537.000	39.1	13.7	52.8	68.2	-15.4	Peak	Horizontal
	15818.325	40.9	16.4	57.3	74.0	-16.7	Peak	Horizontal
	15818.325	31.6	16.4	48.0	54.0	-6.0	Average	Horizontal
*	16359.500	32.0	17.3	49.3	68.2	-18.9	Peak	Horizontal
	8131.500	37.0	9.1	46.1	74.0	-27.9	Peak	Vertical
*	10537.000	44.3	13.7	58.0	68.2	-10.2	Peak	Vertical
	15817.000	43.1	16.3	59.4	74.0	-14.6	Peak	Vertical
	15817.000	33.9	16.3	50.2	54.0	-3.8	Average	Vertical
*	16351.000	33.5	17.5	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	10622.000	37.2	14.3	51.5	74.0	-22.5	Peak	Horizontal
*	13070.000	32.3	15.8	48.1	68.2	-20.1	Peak	Horizontal
	15922.700	38.8	15.4	54.2	74.0	-19.8	Peak	Horizontal
	15922.700	29.5	15.4	44.9	54.0	-9.1	Average	Horizontal
*	16580.500	32.7	17.1	49.8	68.2	-18.4	Peak	Horizontal
	10619.400	41.4	14.3	55.7	74.0	-18.3	Peak	Vertical
	10619.400	30.8	14.3	45.1	54.0	-8.9	Average	Vertical
*	13044.500	31.7	15.5	47.2	68.2	-21.0	Peak	Vertical
	15923.750	42.6	15.4	58.0	74.0	-16.0	Peak	Vertical
	15923.750	33.3	15.4	48.7	54.0	-5.3	Average	Vertical
*	16504.000	33.4	16.0	49.4	68.2	-18.8	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	Flag Yang
Test Date	2023-08-07		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
	11327.500	32.8	15.2	48.0	74.0	-26.0	Peak	Horizontal
*	12891.500	33.2	15.0	48.2	68.2	-20.0	Peak	Horizontal
	15560.500	32.5	16.5	49.0	74.0	-25.0	Peak	Horizontal
*	16521.000	37.7	17.8	55.5	68.2	-12.7	Peak	Horizontal
	11302.000	33.9	15.9	49.8	74.0	-24.2	Peak	Vertical
*	12985.000	33.4	15.4	48.8	68.2	-19.4	Peak	Vertical
	15790.000	32.0	15.9	47.9	74.0	-26.1	Peak	Vertical
*	16521.000	39.2	17.8	57.0	68.2	-11.2	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		Test Mode	802.11n-HT40 – 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
	10911.000	35.4	14.7	50.1	74.0	-23.9	Peak	Horizontal
*	12925.500	32.9	15.5	48.4	68.2	-19.8	Peak	Horizontal
	15849.500	32.0	16.0	48.0	74.0	-26.0	Peak	Horizontal
*	16784.500	34.4	18.6	53.0	68.2	-15.2	Peak	Horizontal
	11030.000	34.8	15.2	50.0	74.0	-24.0	Peak	Vertical
*	13070.000	33.6	15.8	49.4	68.2	-18.8	Peak	Vertical
	15917.500	31.6	15.8	47.4	74.0	-26.6	Peak	Vertical
*	16767.500	35.8	18.2	54.0	68.2	-14.2	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11064.000	34.3	15.8	50.1	74.0	-23.9	Peak	Horizontal
*	12951.000	34.0	15.6	49.6	68.2	-18.6	Peak	Horizontal
	15773.000	33.4	16.1	49.5	74.0	-24.5	Peak	Horizontal
*	16597.500	33.5	17.8	51.3	68.2	-16.9	Peak	Horizontal
	10877.000	35.5	14.7	50.2	74.0	-23.8	Peak	Vertical
*	12934.000	34.7	15.7	50.4	68.2	-17.8	Peak	Vertical
	15875.000	32.5	15.6	48.1	74.0	-25.9	Peak	Vertical
*	16997.000	36.0	19.1	55.1	68.2	-13.1	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	Flag Yang
Test Date	2023-08-07		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
	11072.500	35.1	15.9	51.0	74.0	-23.0	Peak	Horizontal
*	12925.500	34.0	15.5	49.5	68.2	-18.7	Peak	Horizontal
	15688.000	33.5	15.3	48.8	74.0	-25.2	Peak	Horizontal
*	16495.500	33.5	16.2	49.7	68.2	-18.5	Peak	Horizontal
	10766.500	35.5	14.6	50.1	74.0	-23.9	Peak	Vertical
*	13129.500	33.9	15.7	49.6	68.2	-18.6	Peak	Vertical
	15365.000	34.1	18.3	52.4	74.0	-21.6	Peak	Vertical
*	16427.500	33.7	17.0	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11217.000	34.3	16.0	50.3	74.0	-23.7	Peak	Horizontal
*	12849.000	34.6	15.0	49.6	68.2	-18.6	Peak	Horizontal
	15654.000	35.9	15.3	51.2	74.0	-22.8	Peak	Horizontal
*	16351.000	32.5	17.5	50.0	68.2	-18.2	Peak	Horizontal
	11523.000	34.8	15.5	50.3	74.0	-23.7	Peak	Vertical
*	13010.500	33.2	15.4	48.6	68.2	-19.6	Peak	Vertical
	15926.000	33.1	15.2	48.3	74.0	-25.7	Peak	Vertical
*	16427.500	33.1	17.0	50.1	68.2	-18.1	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	Flag Yang
Test Date	2023-08-07		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
	8199.5	36.6	9.2	45.8	74.0	-28.2	Peak	Horizontal
*	10358.5	39.9	13.8	53.7	68.2	-14.5	Peak	Horizontal
	15542.5	42.4	16.6	59.0	74.0	-15.0	Peak	Horizontal
	15542.5	33.2	16.6	49.8	54.0	-4.2	Average	Horizontal
*	16274.5	32.8	16.0	48.8	68.2	-19.4	Peak	Horizontal
	8276.0	36.7	9.2	45.9	74.0	-28.1	Peak	Vertical
*	10358.5	47.3	13.8	61.1	68.2	-7.1	Peak	Vertical
	15541.9	45.0	16.6	61.6	74.0	-12.4	Peak	Vertical
	15541.9	35.7	16.6	52.3	54.0	-1.7	Average	Vertical
*	16351.0	32.7	17.5	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	Flag Yang		
Test Date	2023-08-07			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
	8361.0	36.3	9.7	46.0	74.0	-28.0	Peak	Horizontal
*	10443.5	39.6	13.7	53.3	68.2	-14.9	Peak	Horizontal
	15657.5	47.6	15.3	62.9	74.0	-11.1	Peak	Horizontal
	15657.5	36.1	15.3	51.4	54.0	-2.6	Average	Horizontal
*	16359.5	32.5	17.3	49.8	68.2	-18.4	Peak	Horizontal
	8259.0	35.4	9.0	44.4	74.0	-29.6	Peak	Vertical
*	10435.0	41.8	13.7	55.5	68.2	-12.7	Peak	Vertical
	15657.9	49.0	15.3	64.3	74.0	-9.7	Peak	Vertical
	15657.9	38.3	15.3	53.6	54.0	-0.4	Average	Vertical
*	16861.0	31.7	18.6	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	8199.5	35.3	9.2	44.5	74.0	-29.5	Peak	Horizontal
*	10486.0	40.6	14.3	54.9	68.2	-13.3	Peak	Horizontal
	15720.5	45.4	15.8	61.2	74.0	-12.8	Peak	Horizontal
	15720.5	34.9	15.8	50.7	54.0	-3.3	Average	Horizontal
*	16325.5	33.0	16.5	49.5	68.2	-18.7	Peak	Horizontal
	8352.5	35.3	9.7	45.0	74.0	-29.0	Peak	Vertical
*	10477.5	46.1	14.2	60.3	68.2	-7.9	Peak	Vertical
	15720.1	46.4	15.8	62.2	74.0	-11.8	Peak	Vertical
	15720.1	37.0	15.8	52.8	54.0	-1.2	Average	Vertical
*	16495.5	32.1	16.2	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	Flag Yang
Test Date	2023-08-07		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	35.3	9.6	44.9	74.0	-29.1	Peak	Horizontal
*	10520.0	39.0	13.7	52.7	68.2	-15.5	Peak	Horizontal
	15778.2	43.8	16.0	59.8	74.0	-14.2	Peak	Horizontal
	15778.2	33.3	16.0	49.3	54.0	-4.7	Average	Horizontal
*	16504.0	32.0	16.0	48.0	68.2	-20.2	Peak	Horizontal
	8361.0	36.2	9.7	45.9	74.0	-28.1	Peak	Vertical
*	10511.5	42.4	13.9	56.3	68.2	-11.9	Peak	Vertical
	15778.5	45.6	16.0	61.6	74.0	-12.4	Peak	Vertical
	15778.5	36.5	16.0	52.5	54.0	-1.5	Average	Vertical
*	16351.0	32.6	17.5	50.1	68.2	-18.1	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	Flag Yang
Test Date	2023-08-07		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
	8310.000	34.9	9.3	44.2	74.0	-29.8	Peak	Horizontal
*	10588.000	38.9	13.7	52.6	68.2	-15.6	Peak	Horizontal
	15902.700	43.7	16.5	60.2	74.0	-13.8	Peak	Horizontal
	15902.700	32.2	16.5	48.7	54.0	-5.3	Average	Horizontal
*	16351.000	32.9	17.5	50.4	68.2	-17.8	Peak	Horizontal
	10605.000	43.1	13.9	57.0	74.0	-17.0	Peak	Vertical
	10605.000	32.7	13.9	46.6	54.0	-7.4	Average	Vertical
*	13061.500	31.9	15.6	47.5	68.2	-20.7	Peak	Vertical
	15902.375	47.2	16.5	63.7	74.0	-10.3	Peak	Vertical
	15902.375	36.5	16.5	53.0	54.0	-1.0	Average	Vertical
*	16495.500	32.0	16.2	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	Flag Yang			
Test Date	2023-08-07			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
	10639.0	37.1	13.9	51.0	74.0	-23.0	Peak	Horizontal
*	12959.5	32.9	15.5	48.4	68.2	-19.8	Peak	Horizontal
	15962.6	41.7	15.2	56.9	74.0	-17.1	Peak	Horizontal
	15962.6	31.2	15.2	46.4	54.0	-7.6	Average	Horizontal
*	16521.0	32.4	17.8	50.2	68.2	-18.0	Peak	Horizontal
	10638.6	43.0	13.9	56.9	74.0	-17.1	Peak	Vertical
	10638.6	31.5	13.9	45.4	54.0	-8.6	Average	Vertical
*	12891.5	32.8	15.0	47.8	68.2	-20.4	Peak	Vertical
	15962.6	44.5	15.2	59.7	74.0	-14.3	Peak	Vertical
	15962.6	35.4	15.2	50.6	54.0	-3.4	Average	Vertical
*	16793.0	32.6	18.7	51.3	68.2	-16.9	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11225.5	34.6	15.8	50.4	74.0	-23.6	Peak	Horizontal
*	12942.5	33.2	15.6	48.8	68.2	-19.4	Peak	Horizontal
	15458.5	32.0	17.4	49.4	74.0	-24.6	Peak	Horizontal
*	16487.0	40.1	16.4	56.5	68.2	-11.7	Peak	Horizontal
	11616.5	34.1	15.8	49.9	74.0	-24.1	Peak	Vertical
*	13053.0	33.8	15.3	49.1	68.2	-19.1	Peak	Vertical
	15560.5	32.1	16.5	48.6	74.0	-25.4	Peak	Vertical
*	16504.0	44.8	16.0	60.8	68.2	-7.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11217.0	34.1	16.0	50.1	74.0	-23.9	Peak	Horizontal
*	13121.0	33.6	15.6	49.2	68.2	-19.0	Peak	Horizontal
	15866.5	31.9	15.6	47.5	74.0	-26.5	Peak	Horizontal
*	16742.0	36.3	18.1	54.4	68.2	-13.8	Peak	Horizontal
	10970.5	35.7	15.1	50.8	74.0	-23.2	Peak	Vertical
*	13078.5	33.6	15.5	49.1	68.2	-19.1	Peak	Vertical
	15705.0	32.9	16.0	48.9	74.0	-25.1	Peak	Vertical
*	16742.0	39.7	18.1	57.8	68.2	-10.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11200.0	35.0	15.6	50.6	74.0	-23.4	Peak	Horizontal
*	13036.0	32.9	15.7	48.6	68.2	-19.6	Peak	Horizontal
	15424.5	32.8	17.9	50.7	74.0	-23.3	Peak	Horizontal
*	16801.5	35.7	18.7	54.4	68.2	-13.8	Peak	Horizontal
	11208.5	34.6	15.8	50.4	74.0	-23.6	Peak	Vertical
*	12976.5	33.2	15.3	48.5	68.2	-19.7	Peak	Vertical
	15509.5	33.4	16.9	50.3	74.0	-23.7	Peak	Vertical
*	16801.5	39.2	18.7	57.9	68.2	-10.3	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		Test Mode	802.11ac-VHT20 – Channel 132
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	10945.0	35.3	15.0	50.3	74.0	-23.7	Peak	Horizontal
*	13104.0	34.0	15.4	49.4	68.2	-18.8	Peak	Horizontal
	15781.5	32.6	16.0	48.6	74.0	-25.4	Peak	Horizontal
*	16699.5	33.0	18.7	51.7	68.2	-16.5	Peak	Horizontal
	10962.0	35.6	15.3	50.9	74.0	-23.1	Peak	Vertical
*	12934.0	34.6	15.7	50.3	68.2	-17.9	Peak	Vertical
	15713.5	32.9	15.9	48.8	74.0	-25.2	Peak	Vertical
*	16971.5	37.7	19.1	56.8	68.2	-11.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11106.5	35.5	15.2	50.7	74.0	-23.3	Peak	Horizontal
*	13146.5	33.8	15.7	49.5	68.2	-18.7	Peak	Horizontal
	15705.0	32.9	16.0	48.9	74.0	-25.1	Peak	Horizontal
*	16827.0	32.1	18.1	50.2	68.2	-18.0	Peak	Horizontal
	11004.5	36.0	14.7	50.7	74.0	-23.3	Peak	Vertical
*	12849.0	33.9	15.0	48.9	68.2	-19.3	Peak	Vertical
	15705.0	33.3	16.0	49.3	74.0	-24.7	Peak	Vertical
*	17099.0	39.3	17.8	57.1	68.2	-11.1	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	Flag Yang	
Test Date	2023-08-07			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
	12262.5	35.7	14.6	50.3	74.0	-23.7	Peak	Horizontal
*	12934.0	32.7	15.7	48.4	68.2	-19.8	Peak	Horizontal
	15390.5	32.5	16.7	49.2	74.0	-24.8	Peak	Horizontal
*	16317.0	33.5	16.6	50.1	68.2	-18.1	Peak	Horizontal
	11395.5	32.6	15.2	47.8	74.0	-26.2	Peak	Vertical
*	12959.5	33.4	15.5	48.9	68.2	-19.3	Peak	Vertical
	15943.0	31.7	15.0	46.7	74.0	-27.3	Peak	Vertical
*	17235.0	39.0	19.8	58.8	68.2	-9.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11200.0	35.2	15.6	50.8	74.0	-23.2	Peak	Horizontal
*	12968.0	32.0	15.3	47.3	68.2	-20.9	Peak	Horizontal
	15475.5	32.9	17.2	50.1	74.0	-23.9	Peak	Horizontal
*	16504.0	32.2	16.0	48.2	68.2	-20.0	Peak	Horizontal
	11429.5	34.2	15.5	49.7	74.0	-24.3	Peak	Vertical
*	12951.0	32.1	15.6	47.7	68.2	-20.5	Peak	Vertical
	15917.5	32.8	15.8	48.6	74.0	-25.4	Peak	Vertical
*	17345.5	38.2	21.6	59.8	68.2	-8.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	10834.5	35.4	14.7	50.1	74.0	-23.9	Peak	Horizontal
*	12900.0	33.7	14.8	48.5	68.2	-19.7	Peak	Horizontal
	15849.5	33.5	16.0	49.5	74.0	-24.5	Peak	Horizontal
*	17473.0	35.3	21.4	56.7	68.2	-11.5	Peak	Horizontal
	11276.5	34.4	15.5	49.9	74.0	-24.1	Peak	Vertical
*	13027.5	32.8	15.6	48.4	68.2	-19.8	Peak	Vertical
	15892.0	33.3	16.7	50.0	74.0	-24.0	Peak	Vertical
*	17473.0	39.4	21.4	60.8	68.2	-7.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	8276.0	35.3	9.2	44.5	74.0	-29.5	Peak	Horizontal
*	10401.0	38.1	14.1	52.2	68.2	-16.0	Peak	Horizontal
	15570.9	40.0	16.2	56.2	74.0	-17.8	Peak	Horizontal
	15570.9	31.8	16.2	48.0	54.0	-6.0	Average	Horizontal
*	16436.0	33.3	17.4	50.7	68.2	-17.5	Peak	Horizontal
	8352.5	35.8	9.7	45.5	74.0	-28.5	Peak	Vertical
*	10375.5	39.1	13.9	53.0	68.2	-15.2	Peak	Vertical
	15574.8	43.1	15.9	59.0	74.0	-15.0	Peak	Vertical
	15574.8	34.2	15.9	50.1	54.0	-3.9	Average	Vertical
*	16589.0	33.1	17.5	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11472.0	34.2	15.8	50.0	74.0	-24.0	Peak	Horizontal
*	12934.0	33.6	15.7	49.3	68.2	-18.9	Peak	Horizontal
	15698.2	41.1	15.7	56.8	74.0	-17.2	Peak	Horizontal
	15698.2	31.8	15.7	47.5	54.0	-6.5	Average	Horizontal
*	16504.0	33.1	16.0	49.1	68.2	-19.1	Peak	Horizontal
	8335.5	36.4	9.4	45.8	74.0	-28.2	Peak	Vertical
*	10469.0	44.8	14.1	58.9	68.2	-9.3	Peak	Vertical
	15686.1	44.7	15.3	60.0	74.0	-14.0	Peak	Vertical
	15686.1	33.6	15.3	48.9	54.0	-5.1	Average	Vertical
*	16657.0	33.6	18.2	51.8	68.2	-16.4	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11557.0	33.7	15.9	49.6	74.0	-24.4	Peak	Horizontal
*	13095.5	32.2	15.3	47.5	68.2	-20.7	Peak	Horizontal
	15817.2	40.4	16.3	56.7	74.0	-17.3	Peak	Horizontal
	15817.2	31.7	16.3	48.0	54.0	-6.0	Average	Horizontal
*	16393.5	32.6	16.5	49.1	68.2	-19.1	Peak	Horizontal
	8284.5	35.6	9.3	44.9	74.0	-29.1	Peak	Vertical
*	10537.0	40.9	13.7	54.6	68.2	-13.6	Peak	Vertical
	15818.2	44.2	16.4	60.6	74.0	-13.4	Peak	Vertical
	15818.2	33.4	16.4	49.8	54.0	-4.2	Average	Vertical
*	16495.5	32.4	16.2	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	10639.0	37.3	13.9	51.2	74.0	-22.8	Peak	Horizontal
*	13044.5	31.9	15.5	47.4	68.2	-20.8	Peak	Horizontal
	15925.8	38.0	15.2	53.2	74.0	-20.8	Peak	Horizontal
	15925.8	28.9	15.2	44.1	54.0	-9.9	Average	Horizontal
*	16521.0	33.3	17.8	51.1	68.2	-17.1	Peak	Horizontal
	10622.0	39.0	14.3	53.3	74.0	-20.7	Peak	Vertical
*	12968.0	33.6	15.3	48.9	68.2	-19.3	Peak	Vertical
	15925.4	41.3	15.2	56.5	74.0	-17.5	Peak	Vertical
	15925.4	32.9	15.2	48.1	54.0	-5.9	Average	Vertical
*	16648.5	33.1	18.0	51.1	68.2	-17.1	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	Flag Yang
Test Date	2023-08-07		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
	10962.0	35.8	15.3	51.1	74.0	-22.9	Peak	Horizontal
*	12942.5	33.9	15.6	49.5	68.2	-18.7	Peak	Horizontal
	15577.5	32.7	15.7	48.4	74.0	-25.6	Peak	Horizontal
*	16546.5	37.3	17.0	54.3	68.2	-13.9	Peak	Horizontal
	11166.0	34.4	15.5	49.9	74.0	-24.1	Peak	Vertical
*	12866.0	33.6	15.3	48.9	68.2	-19.3	Peak	Vertical
	15637.0	32.4	16.2	48.6	74.0	-25.4	Peak	Vertical
*	16529.5	39.8	17.4	57.2	68.2	-11.0	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	Flag Yang
Test Date	2023-08-07		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
	11055.5	35.1	15.3	50.4	74.0	-23.6	Peak	Horizontal
*	12840.5	33.7	14.9	48.6	68.2	-19.6	Peak	Horizontal
	15705.0	32.2	16.0	48.2	74.0	-25.8	Peak	Horizontal
*	16376.5	34.0	16.9	50.9	68.2	-17.3	Peak	Horizontal
	10962.0	34.6	15.3	49.9	74.0	-24.1	Peak	Vertical
*	12866.0	32.9	15.3	48.2	68.2	-20.0	Peak	Vertical
	15892.0	32.3	16.7	49.0	74.0	-25.0	Peak	Vertical
*	16767.5	36.7	18.2	54.9	68.2	-13.3	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11038.5	35.1	15.1	50.2	74.0	-23.8	Peak	Horizontal
*	12934.0	33.4	15.7	49.1	68.2	-19.1	Peak	Horizontal
	15815.5	33.4	16.3	49.7	74.0	-24.3	Peak	Horizontal
*	16351.0	32.9	17.5	50.4	68.2	-17.8	Peak	Horizontal
	11642.0	34.4	16.0	50.4	74.0	-23.6	Peak	Vertical
*	13036.0	32.5	15.7	48.2	68.2	-20.0	Peak	Vertical
	15849.5	31.5	16.0	47.5	74.0	-26.5	Peak	Vertical
*	17005.5	36.7	19.0	55.7	68.2	-12.5	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11089.5	34.2	15.6	49.8	74.0	-24.2	Peak	Horizontal
*	13087.0	34.7	15.2	49.9	68.2	-18.3	Peak	Horizontal
	15883.5	32.5	16.2	48.7	74.0	-25.3	Peak	Horizontal
*	16461.5	33.0	16.4	49.4	68.2	-18.8	Peak	Horizontal
	10902.5	35.2	14.8	50.0	74.0	-24.0	Peak	Vertical
*	12951.0	32.5	15.6	48.1	68.2	-20.1	Peak	Vertical
	15560.5	32.5	16.5	49.0	74.0	-25.0	Peak	Vertical
*	17294.5	36.0	20.3	56.3	68.2	-11.9	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11047.0	35.5	14.9	50.4	74.0	-23.6	Peak	Horizontal
*	12917.0	33.5	15.3	48.8	68.2	-19.4	Peak	Horizontal
	15824.0	34.1	16.6	50.7	74.0	-23.3	Peak	Horizontal
*	16827.0	32.7	18.1	50.8	68.2	-17.4	Peak	Horizontal
	11259.5	34.8	15.5	50.3	74.0	-23.7	Peak	Vertical
*	12917.0	33.8	15.3	49.1	68.2	-19.1	Peak	Vertical
	15560.5	32.8	16.5	49.3	74.0	-24.7	Peak	Vertical
*	17405.0	36.2	21.8	58.0	68.2	-10.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-07	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
	11217.0	34.3	16.0	50.3	74.0	-23.7	Peak	Horizontal
*	13121.0	33.7	15.6	49.3	68.2	-18.9	Peak	Horizontal
	15648.0	39.8	15.6	55.4	74.0	-18.6	Peak	Horizontal
	15648.0	30.3	15.6	45.9	54.0	-8.1	Average	Horizontal
*	16589.0	33.1	17.5	50.6	68.2	-17.6	Peak	Horizontal
	8386.5	36.0	9.8	45.8	74.0	-28.2	Peak	Vertical
*	10392.5	39.0	14.1	53.1	68.2	-15.1	Peak	Vertical
	15647.4	39.9	15.7	55.6	74.0	-18.4	Peak	Vertical
	15647.4	31.3	15.7	47.0	54.0	-7.0	Average	Vertical
*	16580.5	33.4	17.1	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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.			

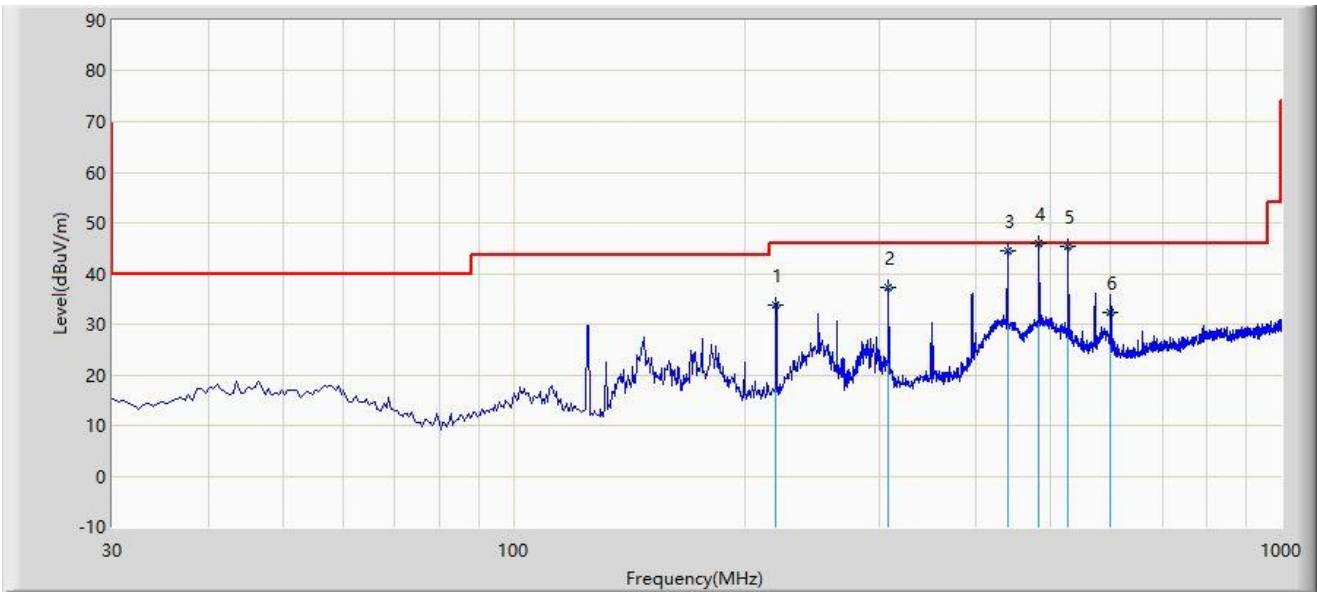| Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	10953.5	34.4	15.2	49.6	74.0	-24.4	Peak	Horizontal
*	12925.5	33.3	15.5	48.8	68.2	-19.4	Peak	Horizontal
	15824.0	37.0	16.6	53.6	74.0	-20.4	Peak	Horizontal
*	16725.0	33.1	18.4	51.5	68.2	-16.7	Peak	Horizontal
	8369.5	37.3	9.8	47.1	74.0	-26.9	Peak	Vertical
*	10554.0	39.2	13.9	53.1	68.2	-15.1	Peak	Vertical
	15894.0	40.4	16.7	57.1	74.0	-16.9	Peak	Vertical
	15894.0	30.0	16.7	46.7	54.0	-7.3	Average	Vertical
*	16606.0	33.2	18.2	51.4	68.2	-16.8	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	Flag Yang
Test Date	2023-08-07		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
	8386.5	36.0	9.8	45.8	74.0	-28.2	Peak	Horizontal
*	9899.5	34.6	12.5	47.1	68.2	-21.1	Peak	Horizontal
	11846.0	35.2	14.8	50.0	74.0	-24.0	Peak	Horizontal
*	13010.5	32.8	15.4	48.2	68.2	-20.0	Peak	Horizontal
	7434.5	35.4	10.2	45.6	74.0	-28.4	Peak	Vertical
*	8854.0	34.9	12.1	47.0	68.2	-21.2	Peak	Vertical
	12500.5	34.3	14.6	48.9	74.0	-25.1	Peak	Vertical
*	16606.0	38.1	18.2	56.3	68.2	-11.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.
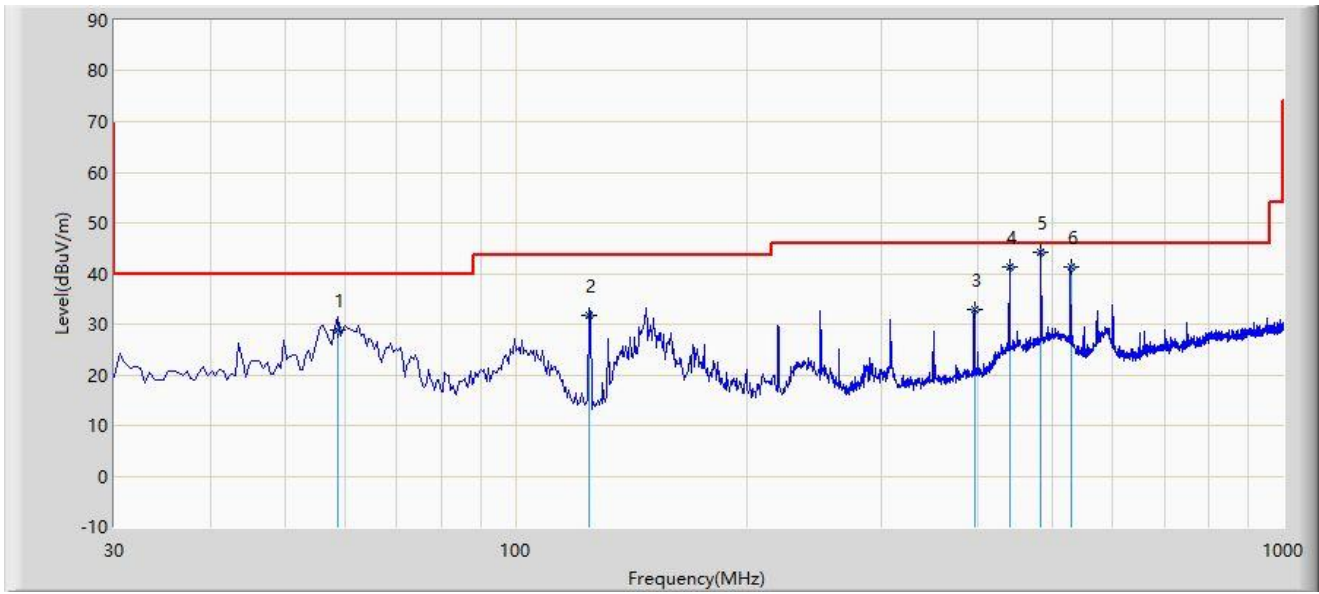
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	NS-AC1		Test Engineer	Flag Yang
Test Date	2023-08-07		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
	11208.5	34.3	15.8	50.1	74.0	-23.9	Peak	Horizontal
*	12951.0	33.9	15.6	49.5	68.2	-18.7	Peak	Horizontal
	15637.0	32.7	16.2	48.9	74.0	-25.1	Peak	Horizontal
*	16708.0	34.5	19.1	53.6	68.2	-14.6	Peak	Horizontal
	8429.0	35.0	10.0	45.0	74.0	-29.0	Peak	Vertical
*	9899.5	34.9	12.5	47.4	68.2	-20.8	Peak	Vertical
	11217.0	34.9	16.0	50.9	74.0	-23.1	Peak	Vertical
*	12942.5	33.9	15.6	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	Flag Yang
Test Date	2023-08-07		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
	11429.5	35.3	15.5	50.8	74.0	-23.2	Peak	Horizontal
*	12951.0	32.5	15.6	48.1	68.2	-20.1	Peak	Horizontal
	15492.5	33.7	17.0	50.7	74.0	-23.3	Peak	Horizontal
*	16521.0	32.8	17.8	50.6	68.2	-17.6	Peak	Horizontal
	11642.0	34.5	16.0	50.5	74.0	-23.5	Peak	Vertical
*	13121.0	34.2	15.6	49.8	68.2	-18.4	Peak	Vertical
	15637.0	33.2	16.2	49.4	74.0	-24.6	Peak	Vertical
*	17337.0	34.8	21.5	56.3	68.2	-11.9	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)

The Result of Radiated Emission below 1GHz:

Site: NS-AC1	Test Date: 2023-08-13
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmitter by 802.11a at 5500MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		219.635	33.854	17.700	-12.146	46.000	16.154	QP
2		307.905	37.111	18.500	-8.889	46.000	18.611	QP
3		439.825	44.611	23.200	-1.389	46.000	21.412	QP
4	*	483.960	45.896	23.700	-0.104	46.000	22.196	QP
5		528.095	45.375	22.400	-0.625	46.000	22.975	QP
6		599.875	32.404	7.600	-13.596	46.000	24.803	QP

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

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

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

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

Site: NS-AC1	Test Date: 2023-08-13
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmitter by 802.11a at 5500MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		58.615	28.878	11.300	-11.122	40.000	17.578	QP
2		124.575	31.657	17.700	-11.843	43.500	13.957	QP
3		396.175	32.868	11.800	-13.132	46.000	21.068	QP
4		439.825	41.211	19.800	-4.789	46.000	21.412	QP
5	*	483.960	44.296	22.100	-1.704	46.000	22.196	QP
6		529.095	41.259	18.300	-4.741	46.000	22.959	QP

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

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

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

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

A.8   Radiated Restricted Band Edge Test Result

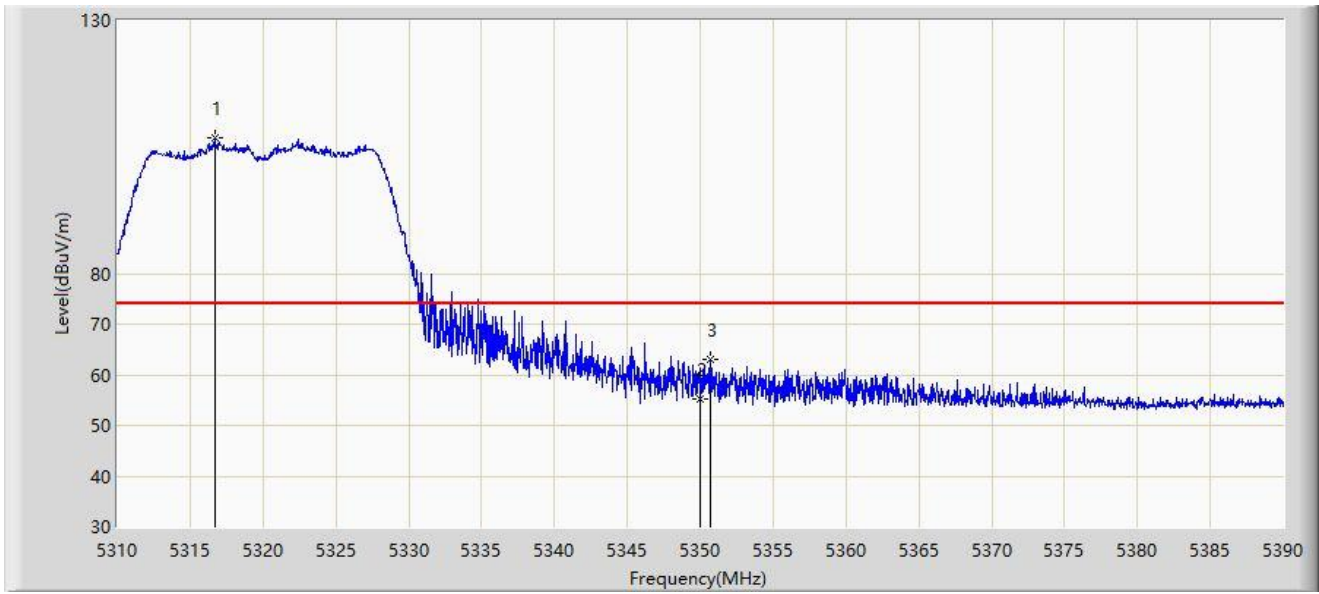|	
Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5180MHz	
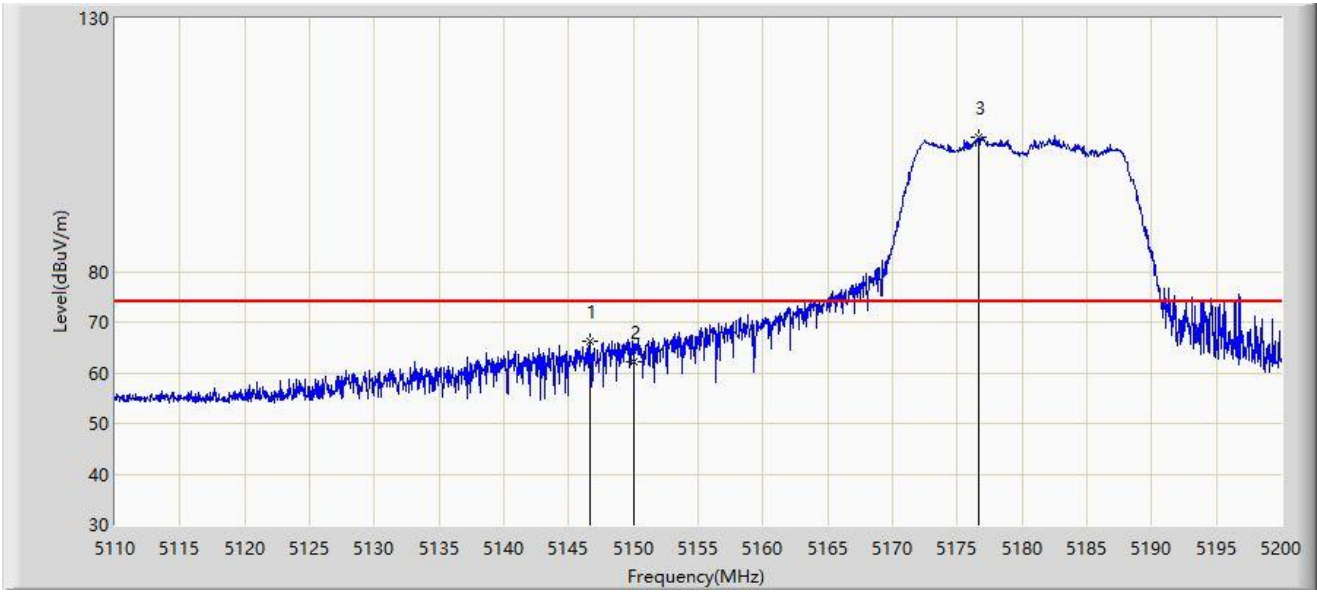
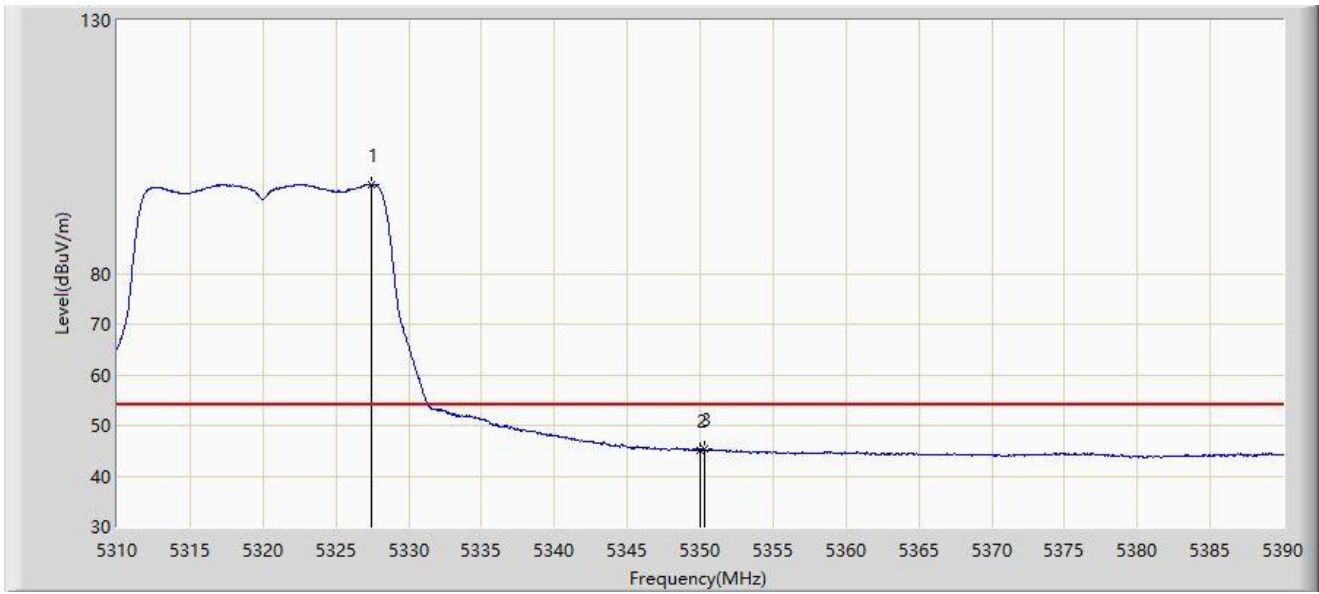| No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5146.630	66.123	63.580	-7.877	74.000	2.543	PK
2		5150.000	62.056	59.497	-11.944	74.000	2.559	PK
3		5176.600	106.555	104.478	N/A	N/A	2.077	PK

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

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

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

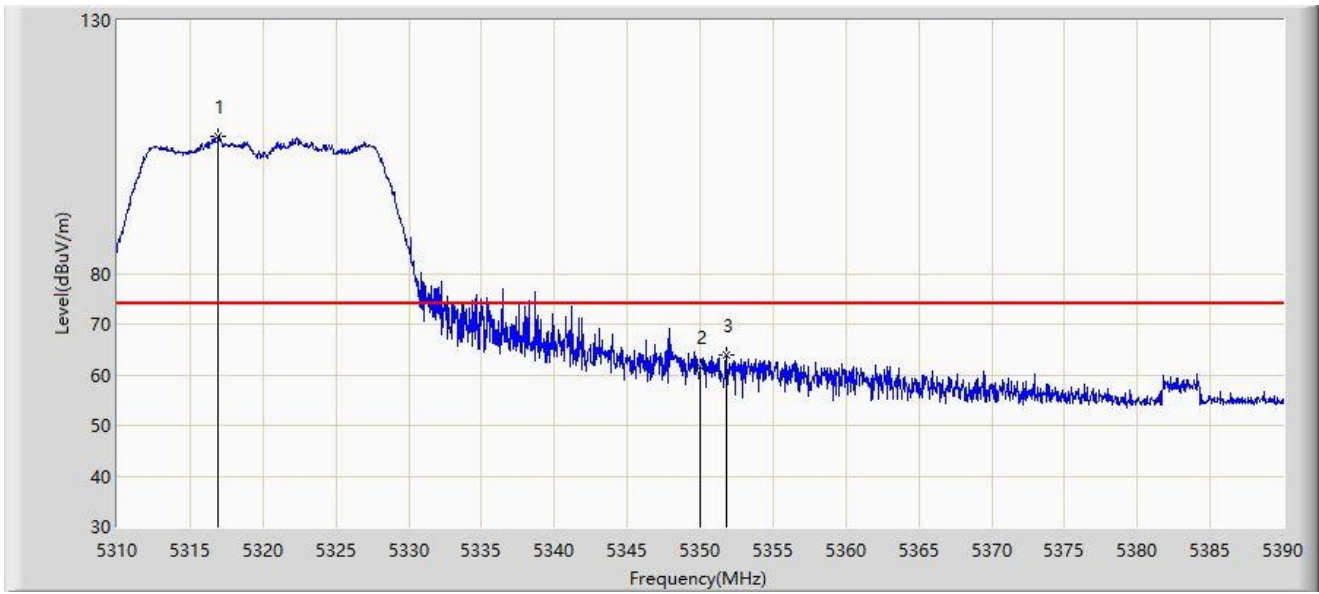| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.780	47.331	44.770	-6.669	54.000	2.560	AV
2		5150.000	47.189	44.630	-6.811	54.000	2.559	AV
3		5172.550	98.529	96.320	N/A	N/A	2.209	AV

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

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

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

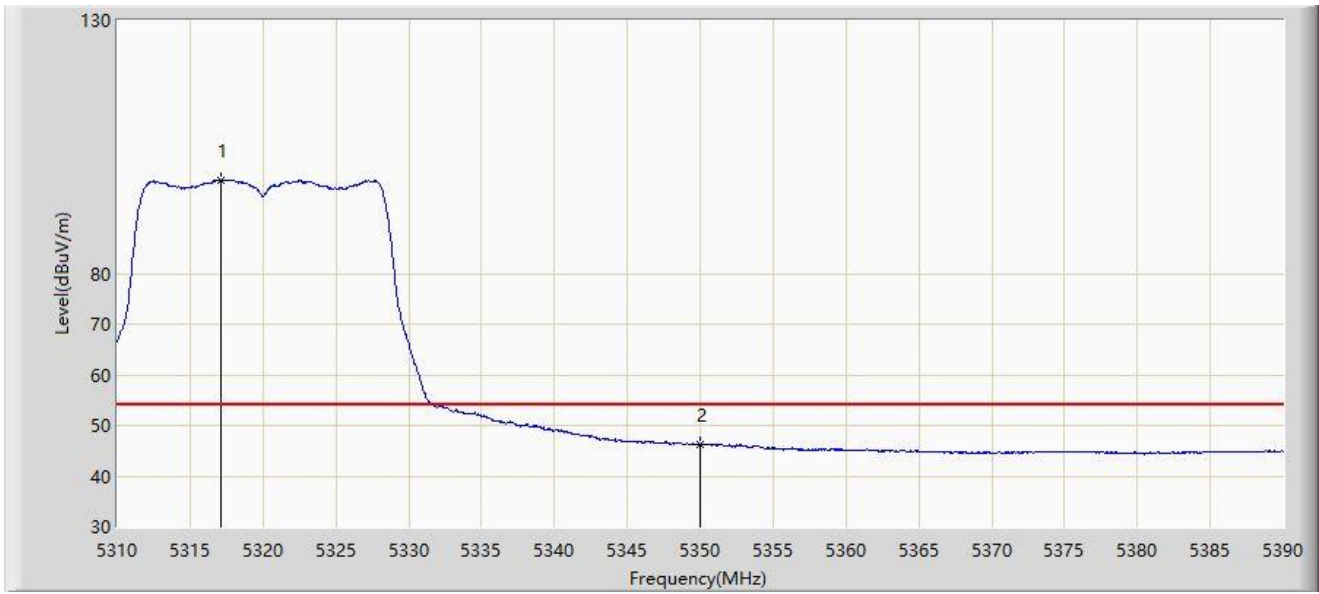| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.465	67.516	64.953	-6.484	74.000	2.563	PK
2		5150.000	67.190	64.631	-6.810	74.000	2.559	PK
3		5182.360	107.254	105.356	N/A	N/A	1.899	PK

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

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

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

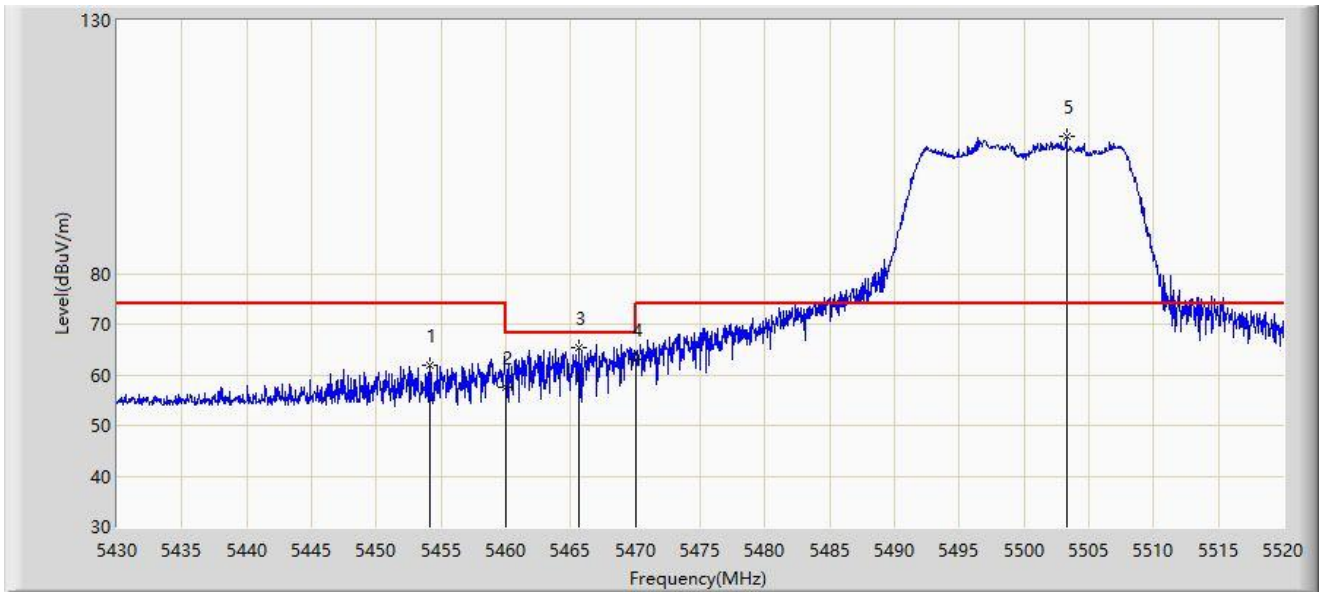| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.825	46.593	44.033	-7.407	54.000	2.560	AV
2		5150.000	46.432	43.873	-7.568	54.000	2.559	AV
3		5172.550	98.669	96.460	N/A	N/A	2.209	AV

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

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

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

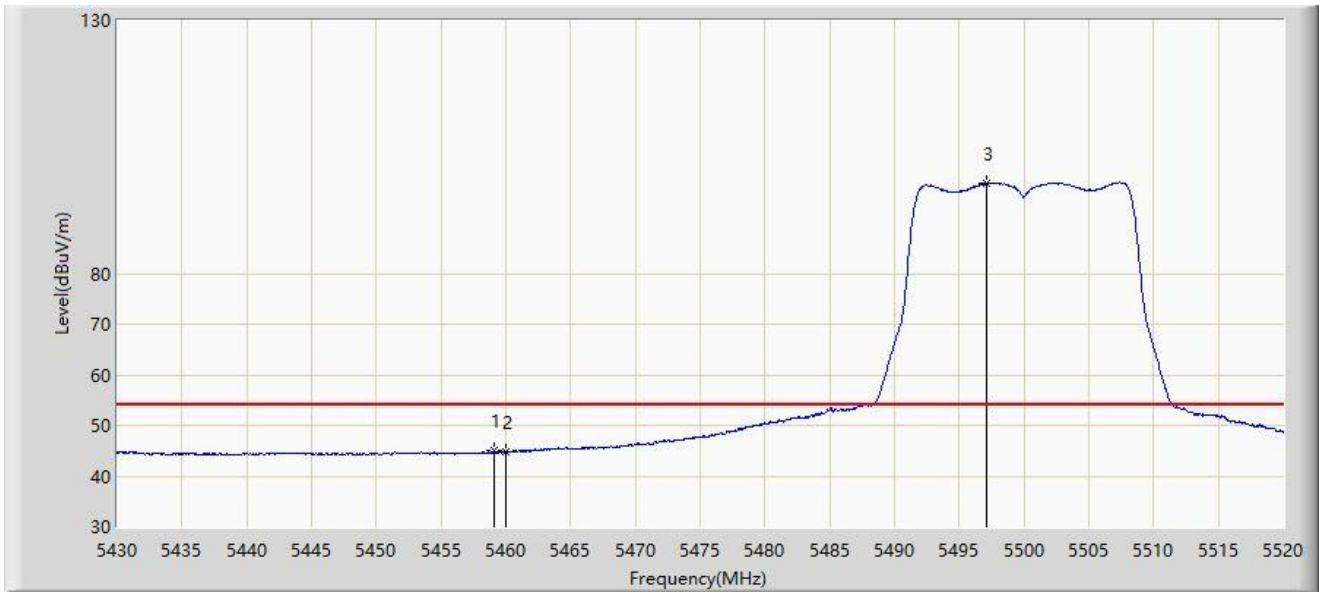| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5316.720	106.774	105.205	N/A	N/A	1.570	PK
2		5350.000	55.349	53.839	-18.651	74.000	1.510	PK
3	*	5350.680	63.125	61.616	-10.875	74.000	1.509	PK

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

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

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

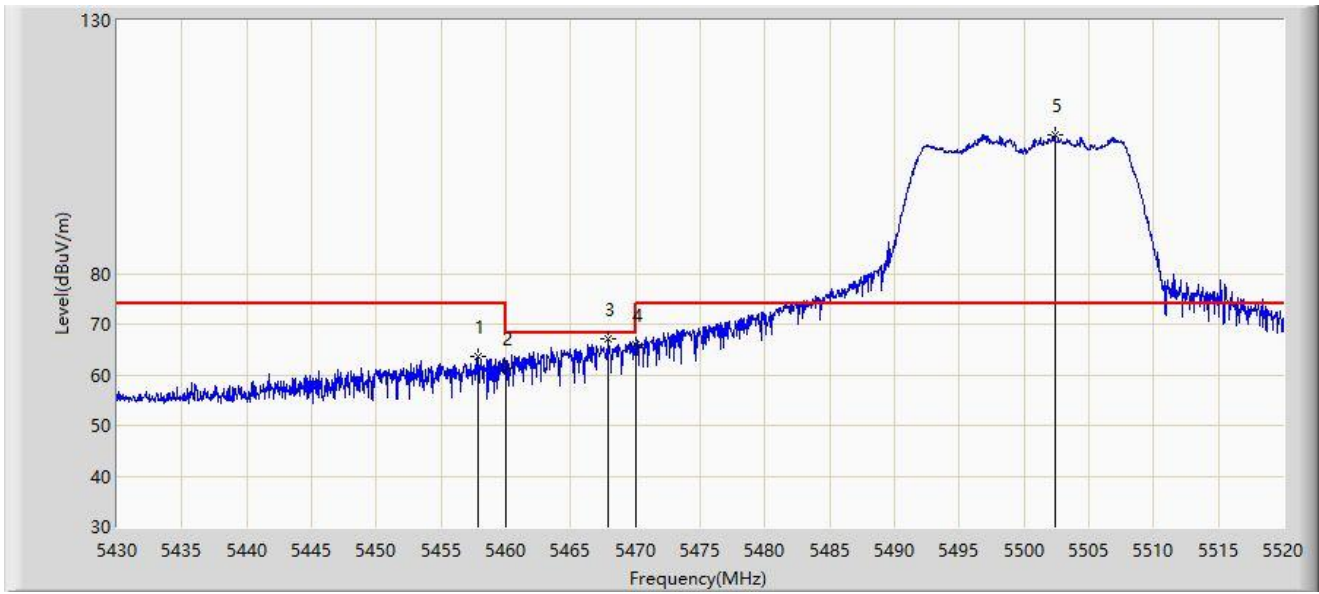| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5327.440	97.562	96.015	N/A	N/A	1.548	AV
2		5350.000	45.135	43.625	-8.865	54.000	1.510	AV
3	*	5350.280	45.440	43.930	-8.560	54.000	1.510	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5316.960	107.110	105.544	N/A	N/A	1.565	PK
2		5350.000	61.726	60.216	-12.274	74.000	1.510	PK
3	*	5351.800	63.857	62.351	-10.143	74.000	1.507	PK

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

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

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

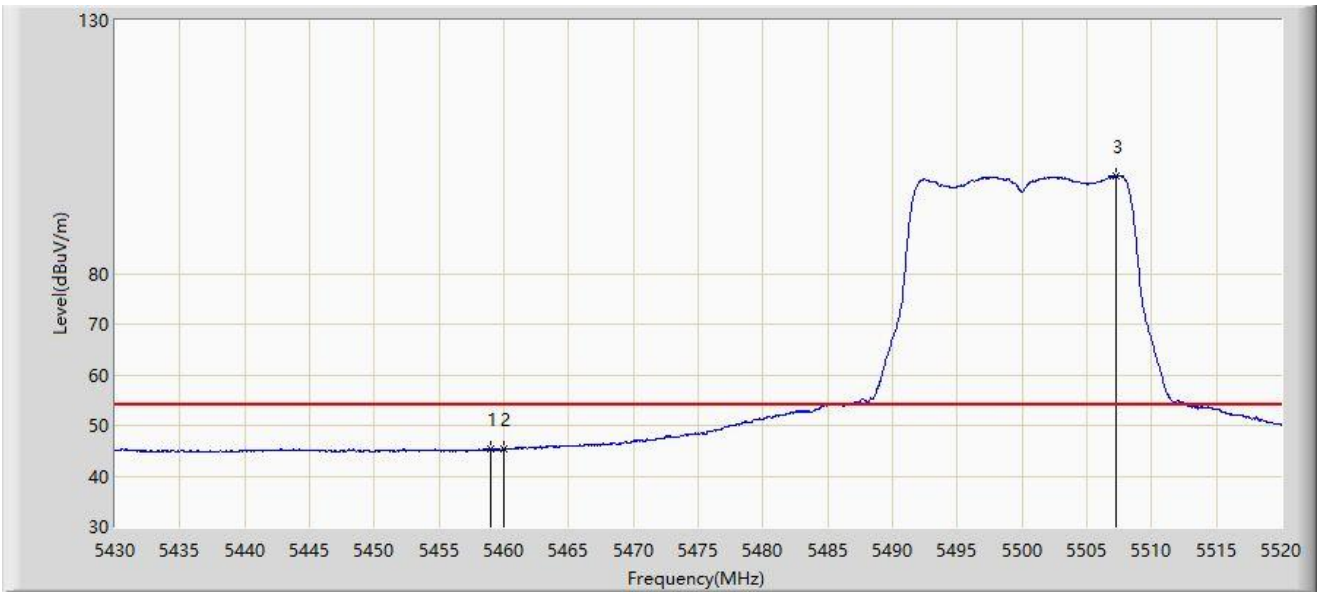| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5317.120	98.476	96.912	N/A	N/A	1.564	AV
2	*	5350.000	46.178	44.668	-7.822	54.000	1.510	AV

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

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

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

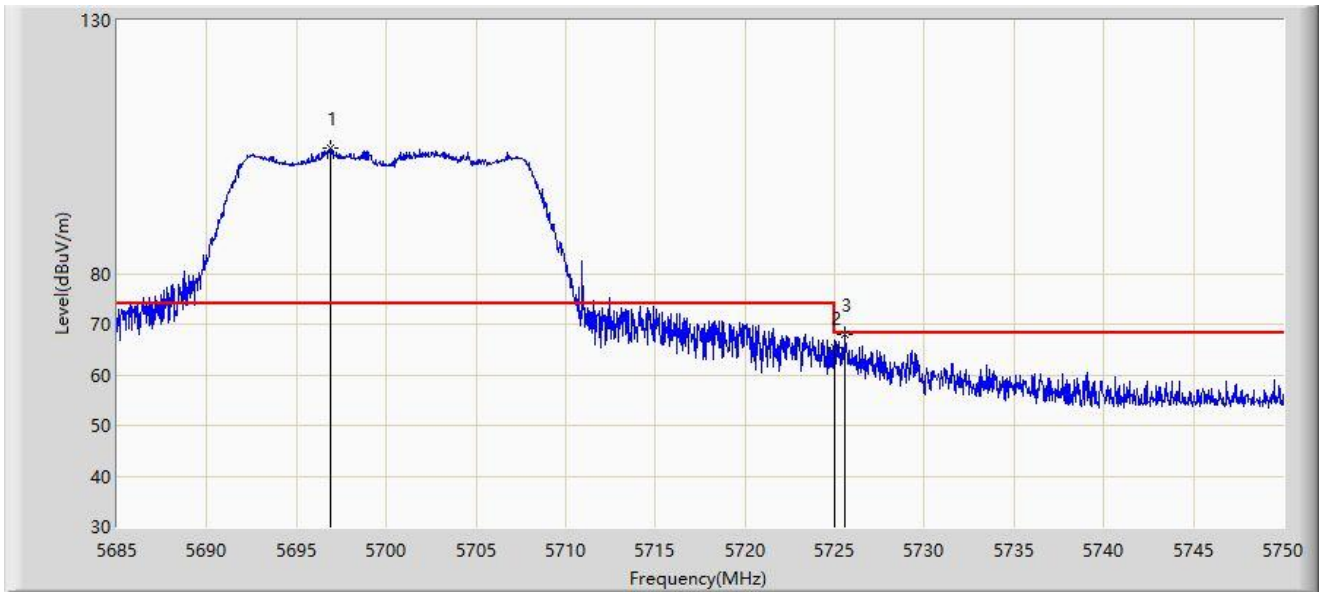| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5500MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5454.120	61.865	59.820	-12.135	74.000	2.045	PK
2		5460.000	57.625	55.518	-16.375	74.000	2.108	PK
3	*	5465.685	65.297	63.130	-2.903	68.200	2.168	PK
4		5470.000	63.181	60.969	-5.019	68.200	2.212	PK
5		5503.260	107.177	104.746	N/A	N/A	2.432	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5500MHz	

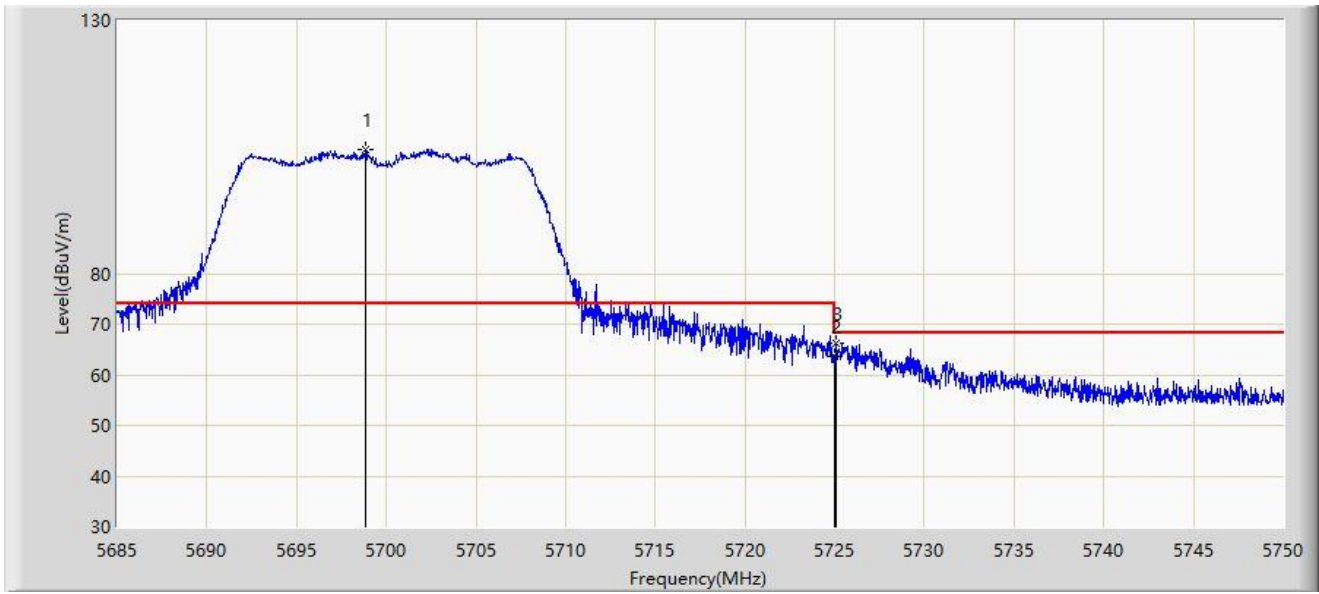| No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.115	44.948	42.850	-9.052	54.000	2.098	AV
2		5460.000	44.812	42.705	-9.188	54.000	2.108	AV
3		5497.050	97.866	95.366	N/A	N/A	2.500	AV

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

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

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

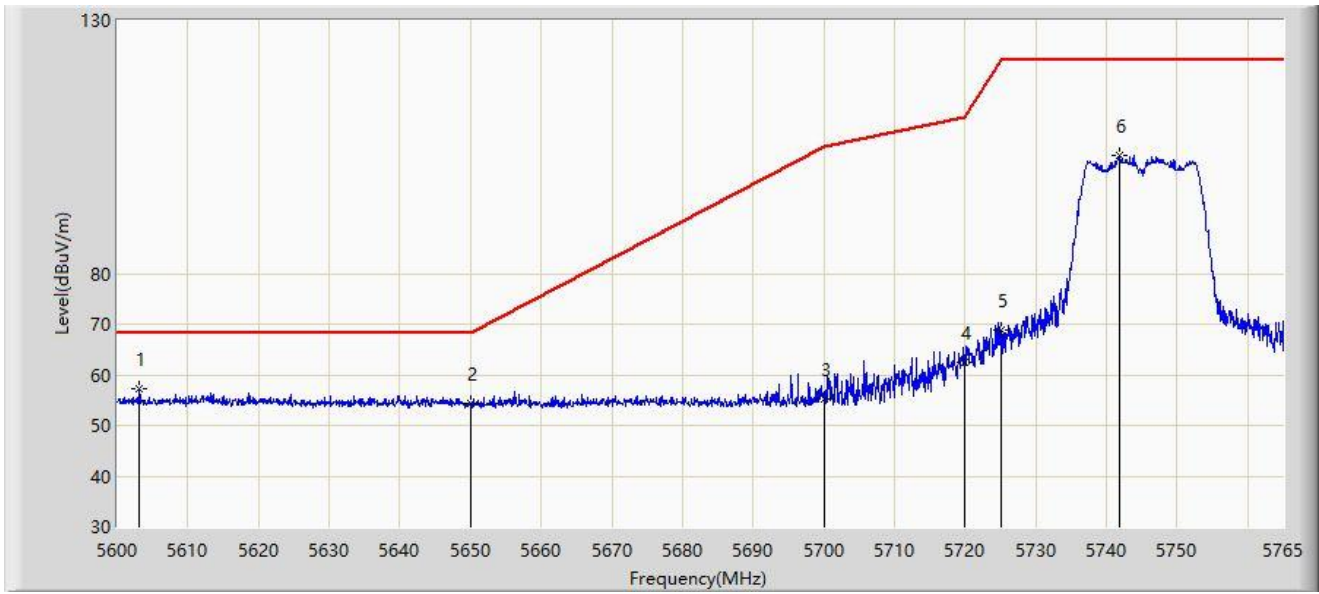| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5500MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5457.900	63.502	61.417	-10.498	74.000	2.085	PK
2		5460.000	61.352	59.245	-12.648	74.000	2.108	PK
3	*	5467.890	67.157	64.967	-1.043	68.200	2.191	PK
4		5470.000	65.901	63.689	-2.299	68.200	2.212	PK
5		5502.360	107.503	105.062	N/A	N/A	2.442	PK

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

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

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

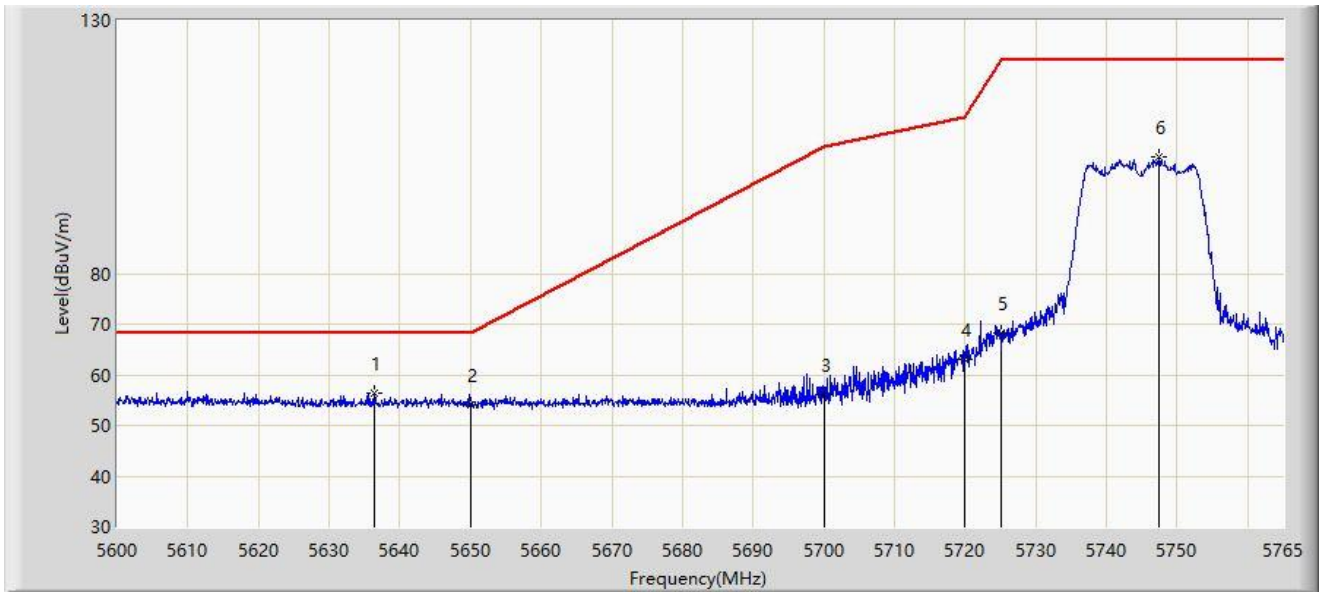| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5500MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.025	45.449	43.352	-8.551	54.000	2.097	AV
2		5460.000	45.303	43.196	-8.697	54.000	2.108	AV
3		5507.265	99.334	96.996	N/A	N/A	2.338	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5700MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5696.928	104.669	101.757	N/A	N/A	2.912	PK
2		5725.000	65.258	62.414	-2.942	68.200	2.844	PK
3	*	5725.527	68.043	65.195	-0.157	68.200	2.848	PK

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

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

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

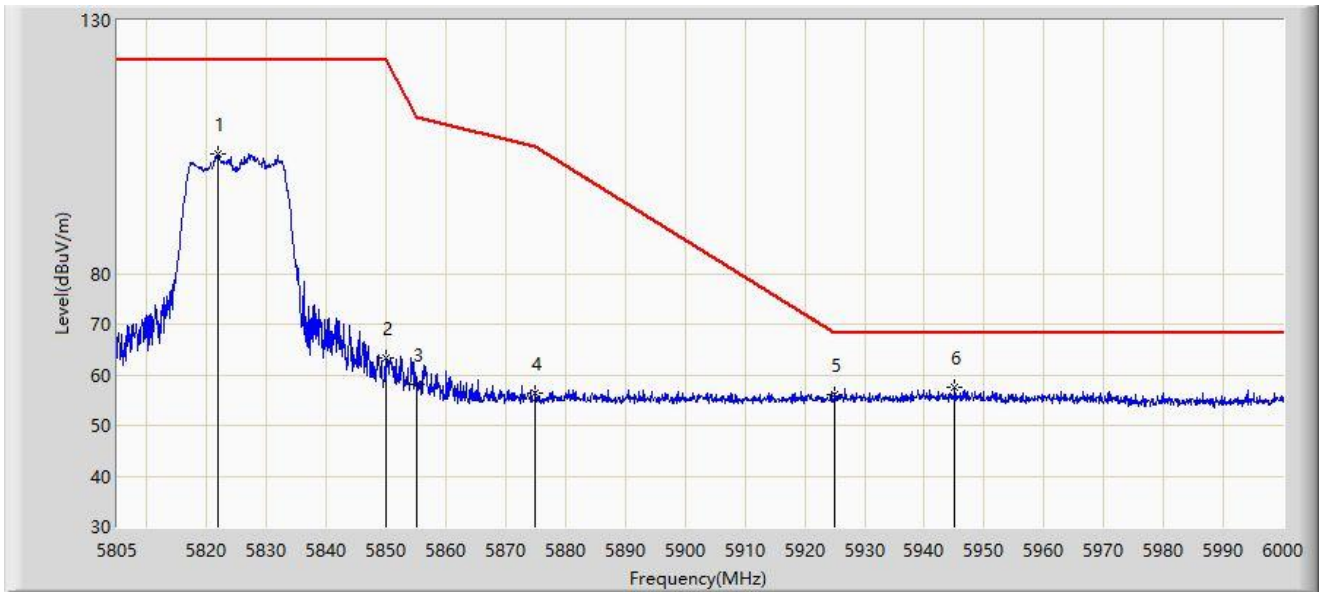| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5700MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5698.845	104.559	101.675	N/A	N/A	2.884	PK
2		5725.000	63.523	60.679	-4.677	68.200	2.844	PK
3	*	5725.072	66.309	63.464	-1.891	68.200	2.845	PK

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

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

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

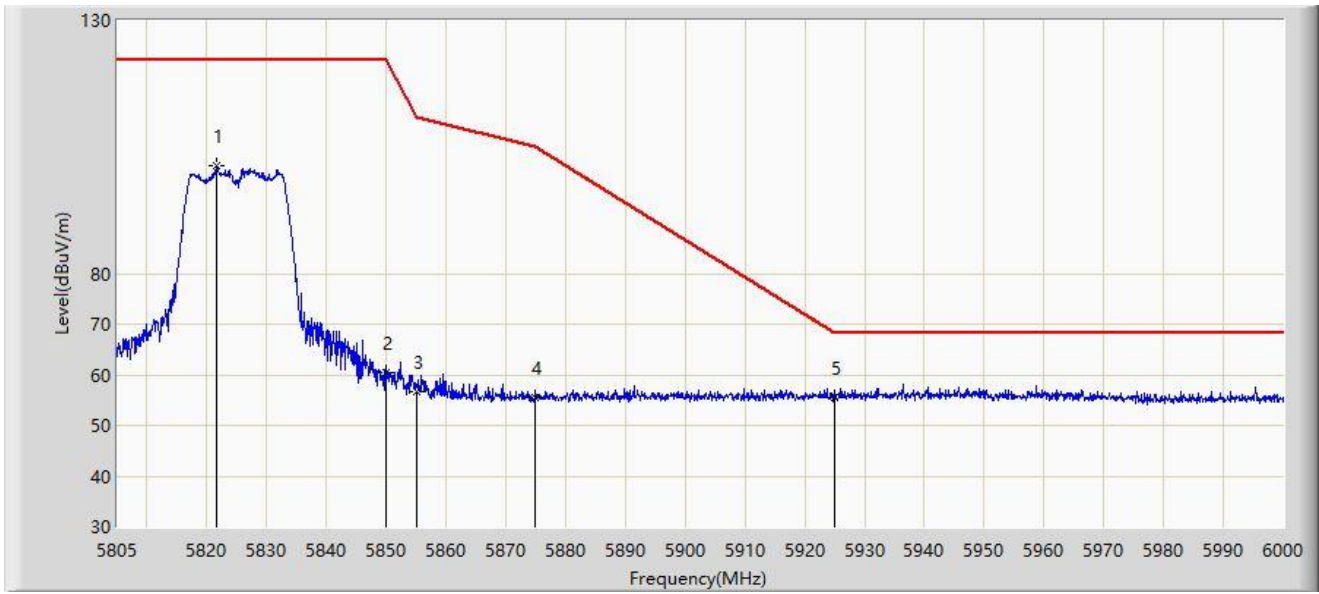| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5745MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5603.135	57.264	54.886	-10.936	68.200	2.378	PK
2		5650.000	54.362	51.811	-13.838	68.200	2.552	PK
3		5700.000	55.218	52.351	-49.982	105.200	2.867	PK
4		5720.000	62.404	59.594	-48.396	110.800	2.810	PK
5		5725.000	68.828	65.984	-53.372	122.200	2.844	PK
6		5741.817	103.335	100.319	N/A	N/A	3.016	PK

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

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

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

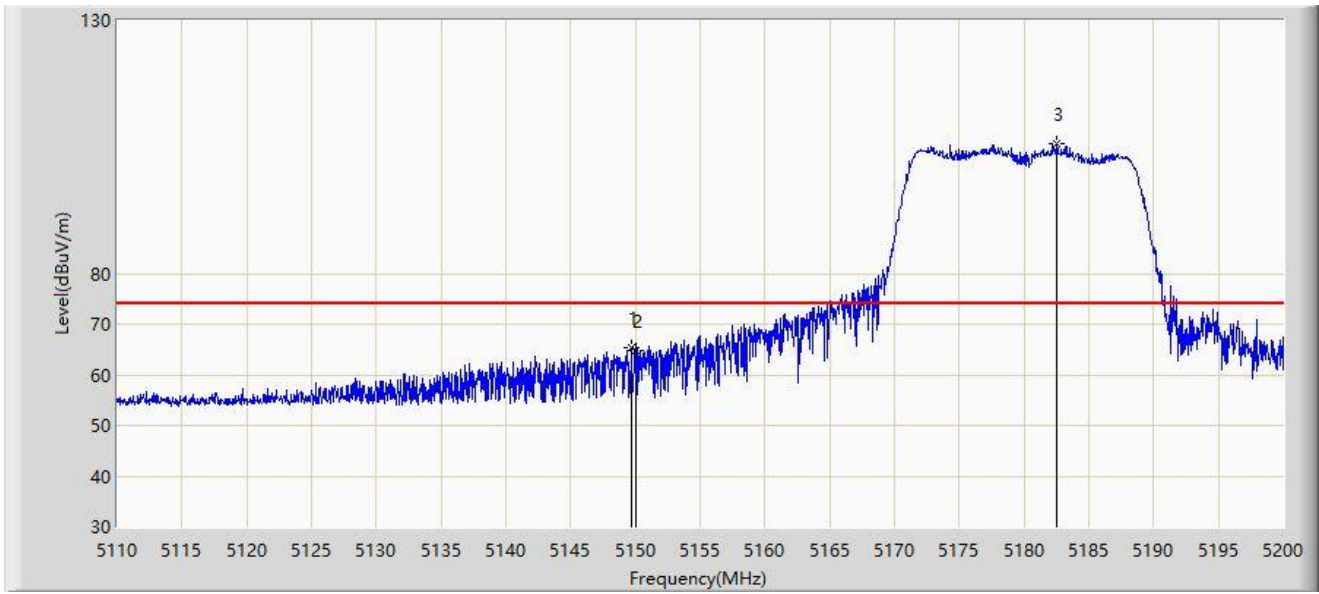| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5745MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5636.300	56.279	53.790	-11.921	68.200	2.488	PK
2		5650.000	54.102	51.551	-14.098	68.200	2.552	PK
3		5700.000	56.226	53.359	-48.974	105.200	2.867	PK
4		5720.000	63.127	60.317	-47.673	110.800	2.810	PK
5		5725.000	68.324	65.480	-53.876	122.200	2.844	PK
6		5747.345	103.000	99.935	N/A	N/A	3.065	PK

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

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

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

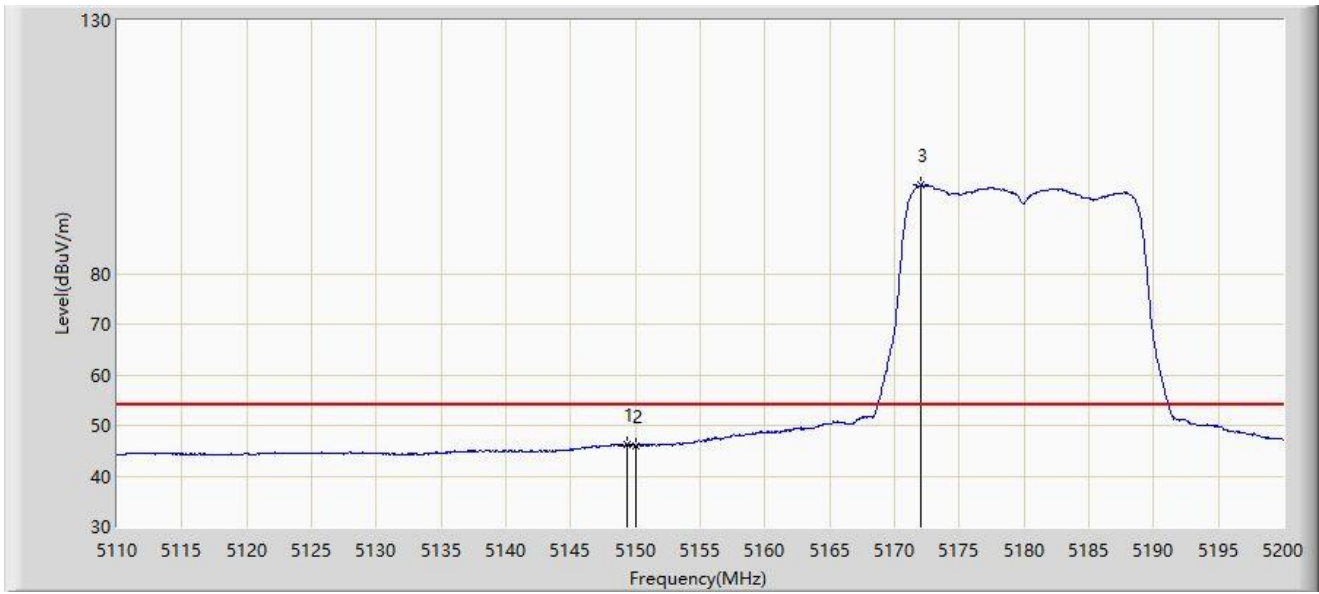| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5825MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5821.770	103.608	100.260	N/A	N/A	3.348	PK
2		5850.000	63.362	60.030	-58.838	122.200	3.333	PK
3		5855.000	58.145	54.805	-52.655	110.800	3.340	PK
4		5875.000	56.508	53.114	-48.692	105.200	3.393	PK
5		5925.000	56.225	52.460	-11.975	68.200	3.766	PK
6	*	5945.107	57.472	53.513	-10.728	68.200	3.958	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11a at 5825MHz	

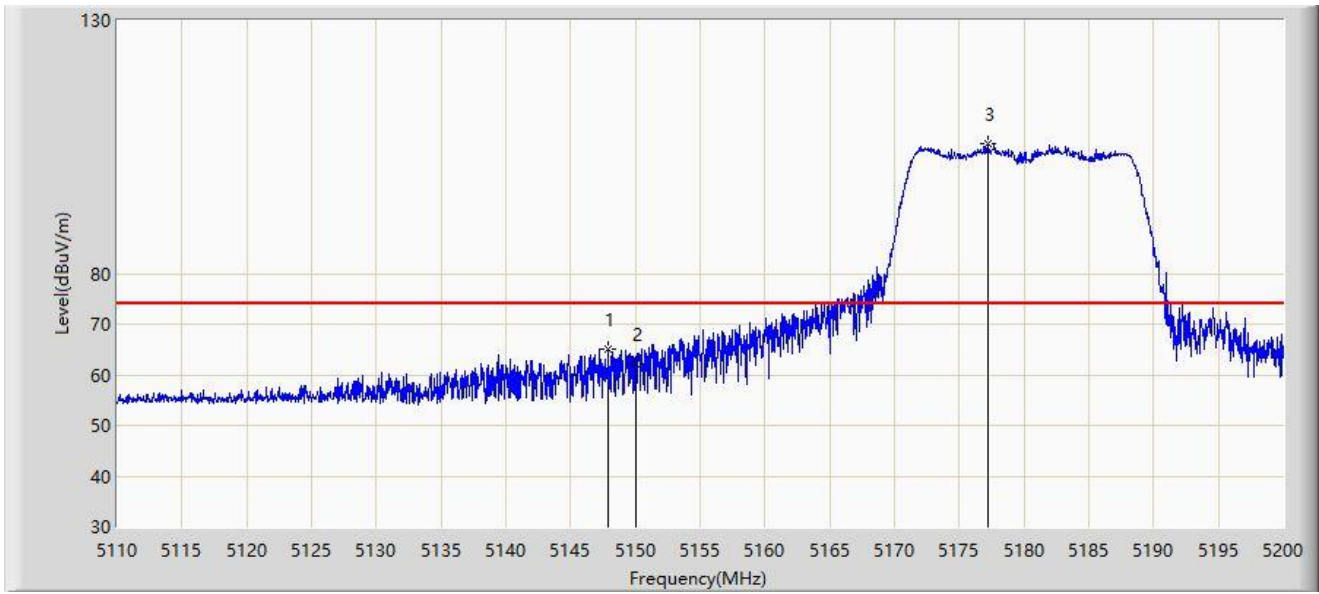| No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5821.575	101.341	97.996	N/A	N/A	3.345	PK
2		5850.000	60.527	57.195	-61.673	122.200	3.333	PK
3		5855.000	56.707	53.367	-54.093	110.800	3.340	PK
4		5875.000	55.563	52.169	-49.637	105.200	3.393	PK
5	*	5925.000	55.382	51.617	-12.818	68.200	3.766	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.645	65.373	62.811	-8.627	74.000	2.561	PK
2		5150.000	64.785	62.226	-9.215	74.000	2.559	PK
3		5182.540	105.693	103.796	N/A	N/A	1.897	PK

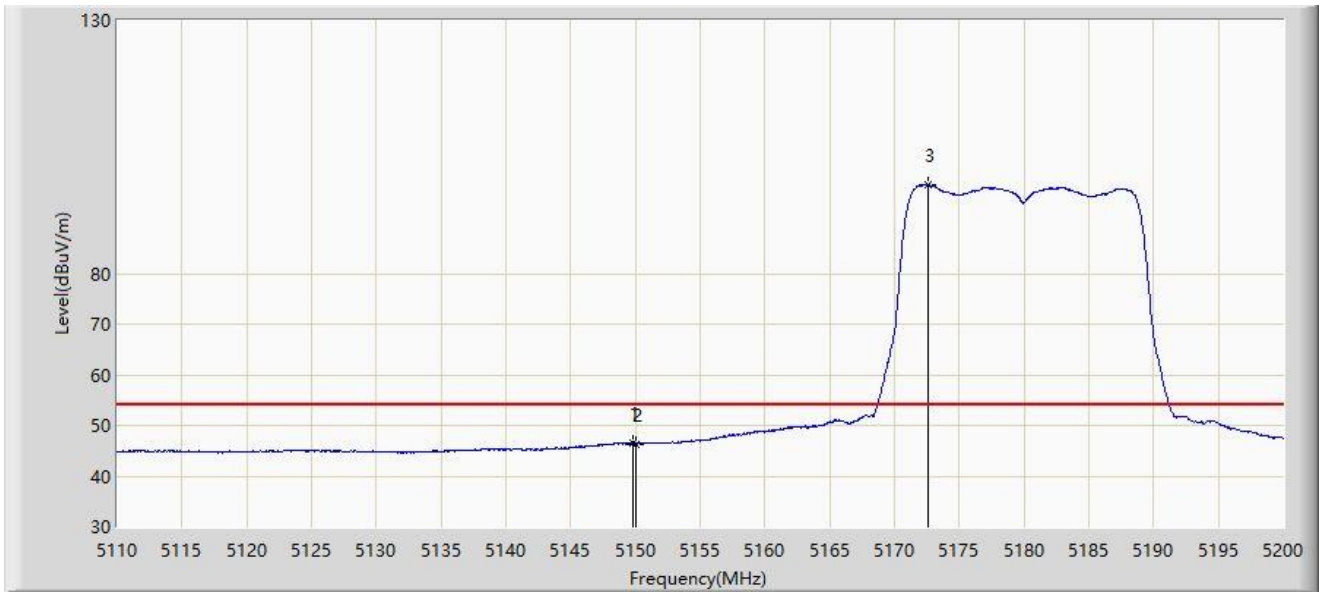Note 1: " * ", means this data is the worst emission level.

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

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

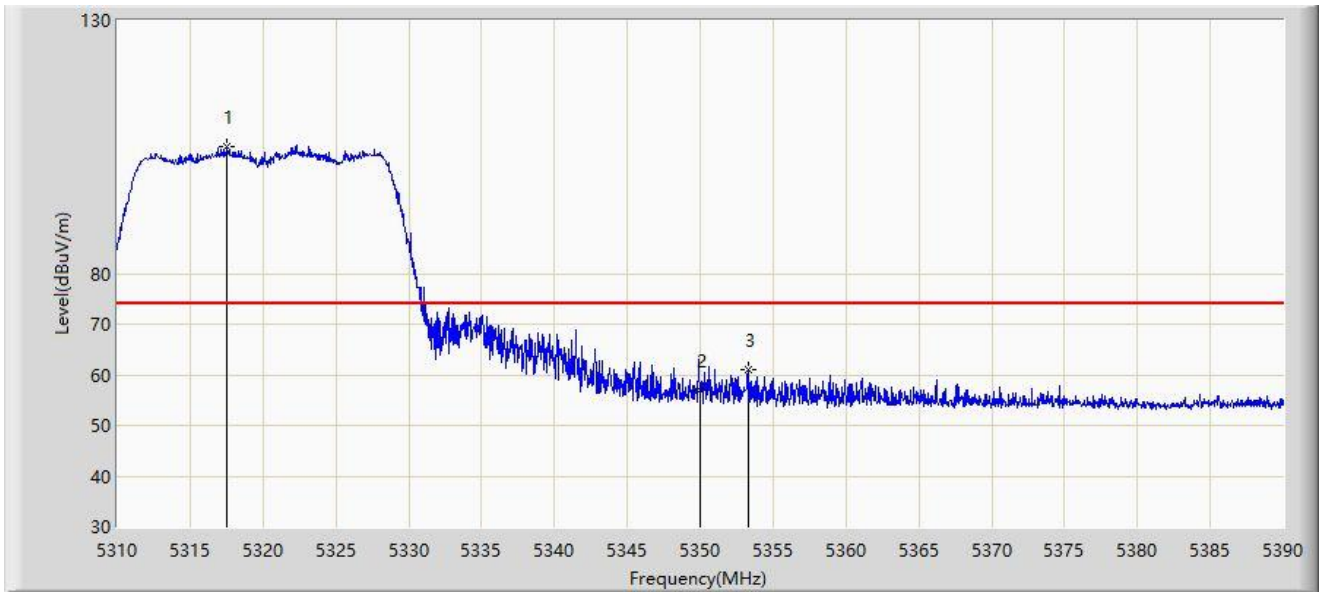| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.375	46.279	43.716	-7.721	54.000	2.564	AV
2		5150.000	46.033	43.474	-7.967	54.000	2.559	AV
3		5172.055	97.444	95.219	N/A	N/A	2.225	AV

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

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

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

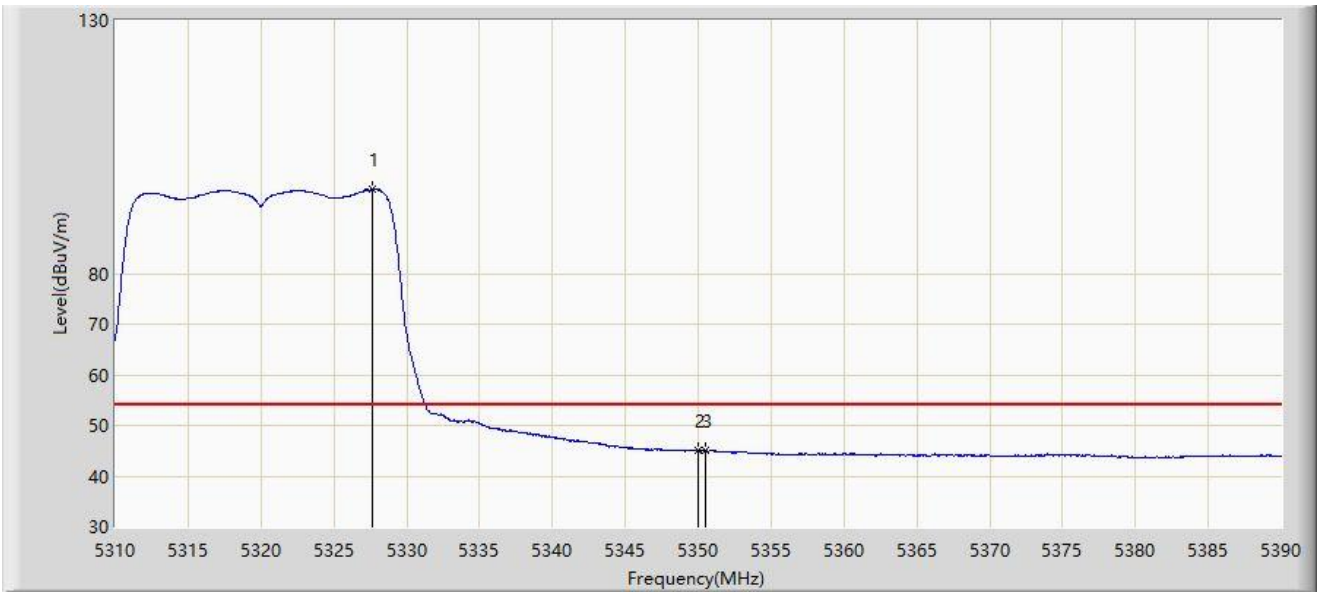| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.890	65.196	62.625	-8.804	74.000	2.571	PK
2		5150.000	62.167	59.608	-11.833	74.000	2.559	PK
3		5177.230	105.545	103.489	N/A	N/A	2.056	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.780	46.612	44.051	-7.388	54.000	2.560	AV
2		5150.000	46.374	43.815	-7.626	54.000	2.559	AV
3		5172.550	97.574	95.365	N/A	N/A	2.209	AV

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

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

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

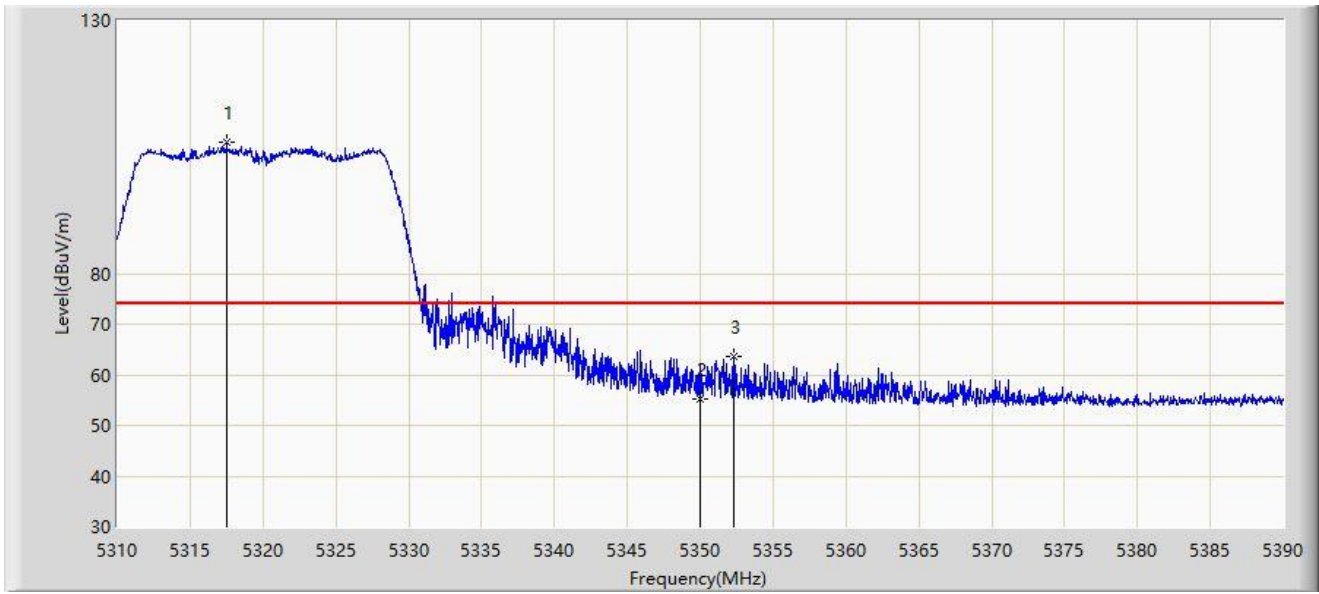| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5317.560	105.182	103.623	N/A	N/A	1.558	PK
2		5350.000	56.982	55.472	-17.018	74.000	1.510	PK
3	*	5353.280	60.987	59.463	-13.013	74.000	1.523	PK

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

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

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

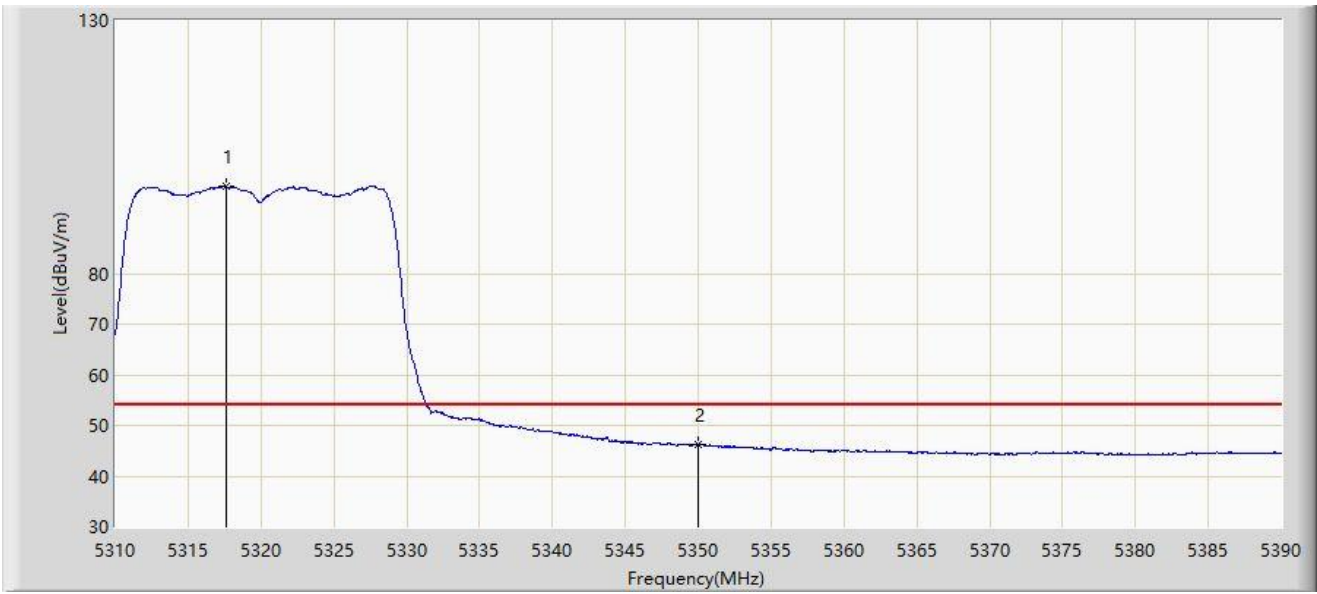| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5327.680	96.583	95.036	N/A	N/A	1.547	AV
2		5350.000	44.971	43.461	-9.029	54.000	1.510	AV
3	*	5350.520	45.089	43.580	-8.911	54.000	1.509	AV

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

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

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

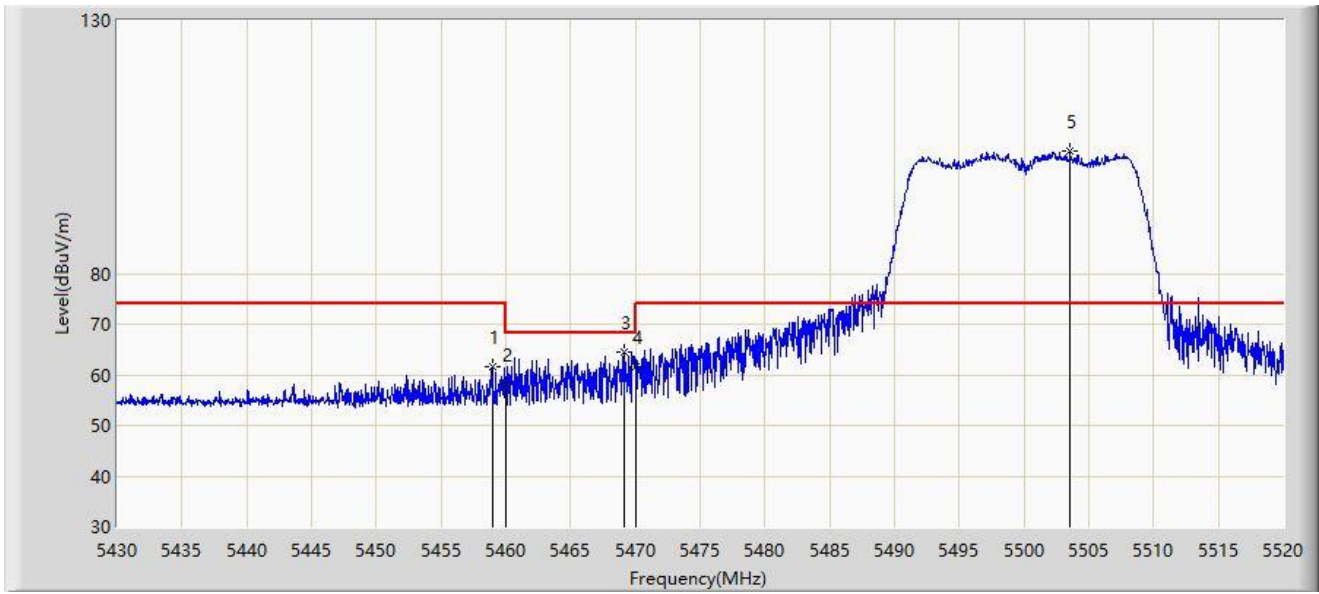| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5317.520	105.859	104.300	N/A	N/A	1.558	PK
2		5350.000	55.157	53.647	-18.843	74.000	1.510	PK
3	*	5352.320	63.723	62.213	-10.277	74.000	1.510	PK

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

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

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

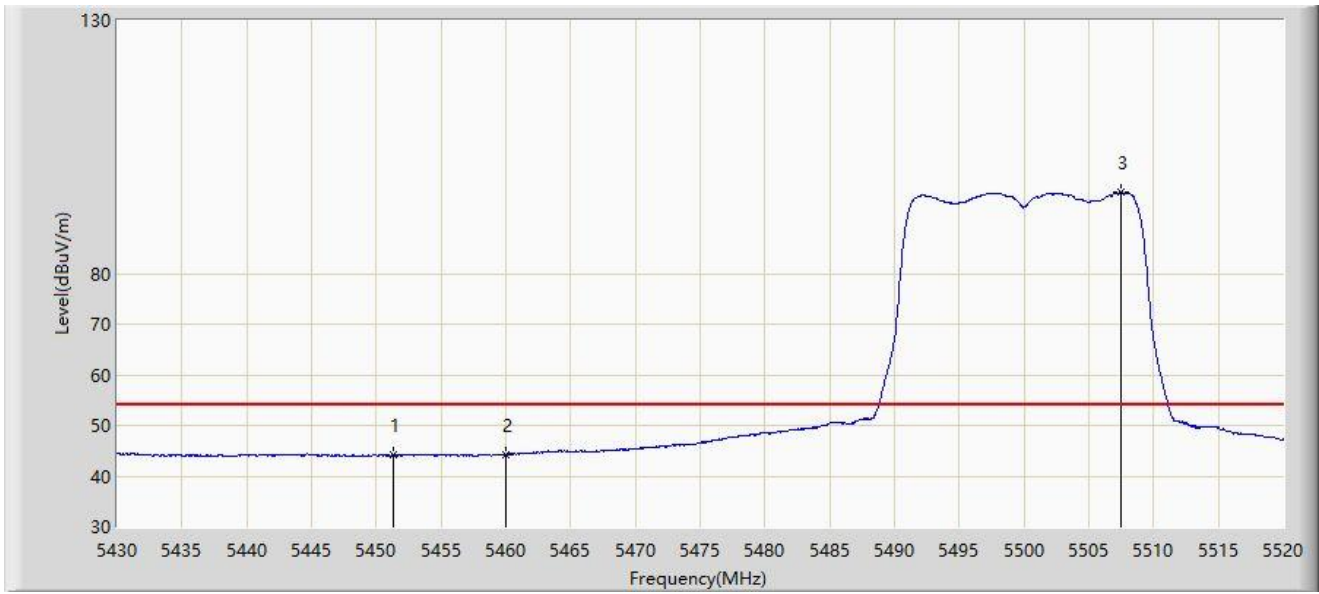| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5320MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5317.600	97.173	95.615	N/A	N/A	1.558	AV
2	*	5350.000	46.216	44.706	-7.784	54.000	1.510	AV

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

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

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

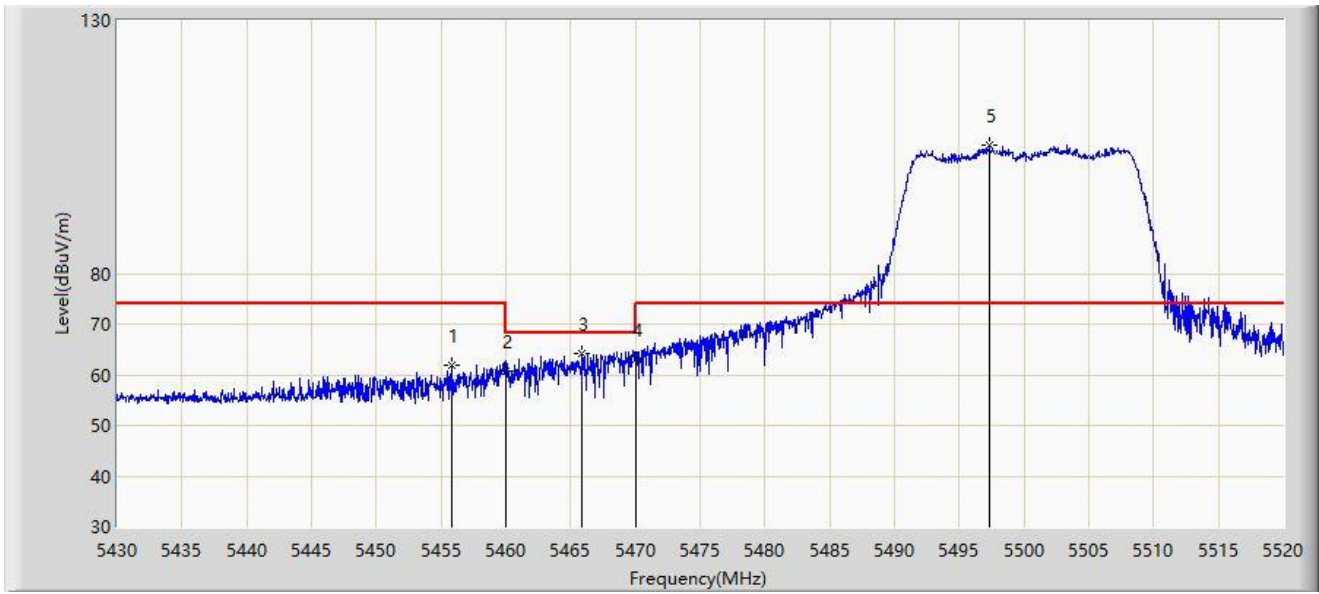| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5500MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5458.935	61.655	59.559	-12.345	74.000	2.096	PK
2		5460.000	58.244	56.137	-15.756	74.000	2.108	PK
3	*	5469.150	64.416	62.212	-3.784	68.200	2.204	PK
4		5470.000	61.565	59.353	-6.635	68.200	2.212	PK
5		5503.530	104.240	101.812	N/A	N/A	2.428	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5500MHz	

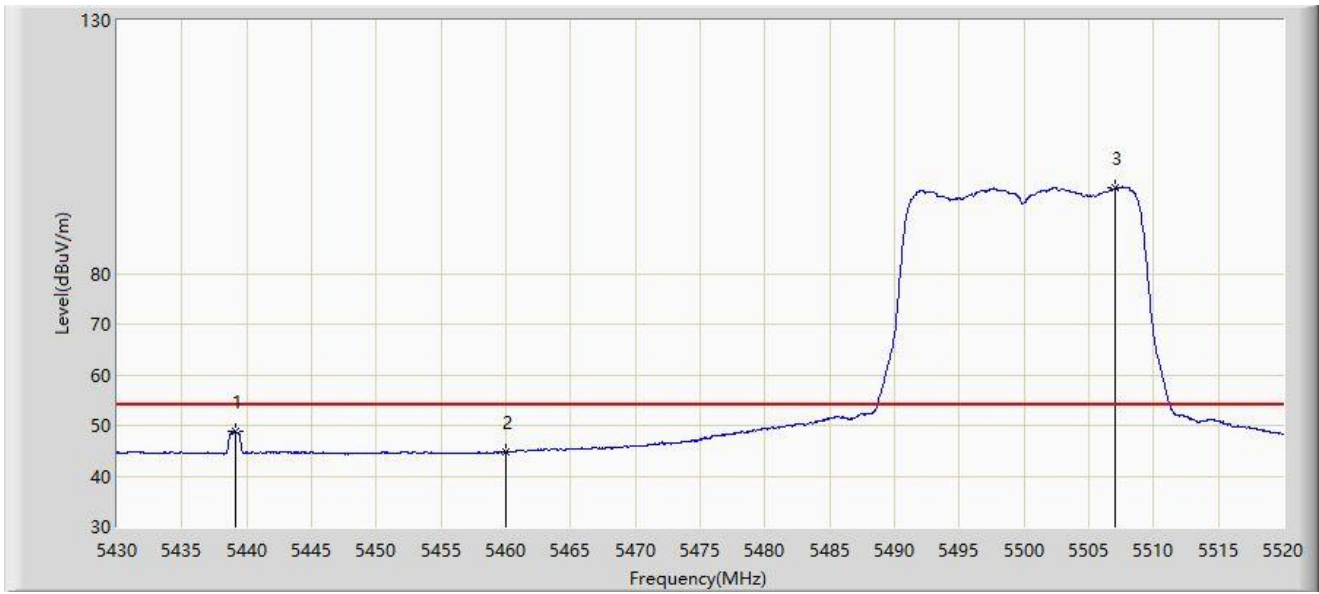| No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5451.330	44.300	42.215	-9.700	54.000	2.085	AV
2		5460.000	44.253	42.146	-9.747	54.000	2.108	AV
3		5507.490	96.171	93.840	N/A	N/A	2.330	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5500MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5455.830	61.855	59.792	-12.145	74.000	2.064	PK
2		5460.000	60.847	58.740	-13.153	74.000	2.108	PK
3	*	5465.910	64.180	62.011	-4.020	68.200	2.169	PK
4		5470.000	63.008	60.796	-5.192	68.200	2.212	PK
5		5497.320	105.468	102.971	N/A	N/A	2.497	PK

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

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

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

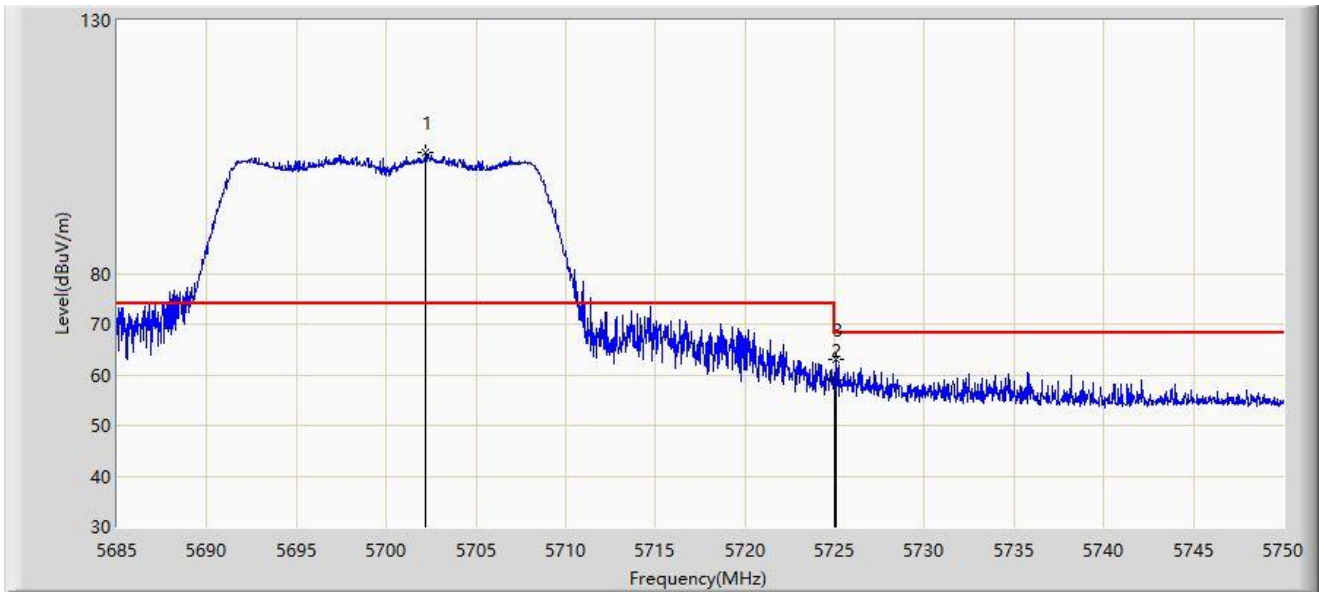| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5500MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5439.090	48.800	46.527	-5.200	54.000	2.274	AV
2		5460.000	44.672	42.565	-9.328	54.000	2.108	AV
3		5507.040	97.011	94.666	N/A	N/A	2.345	AV

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

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

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

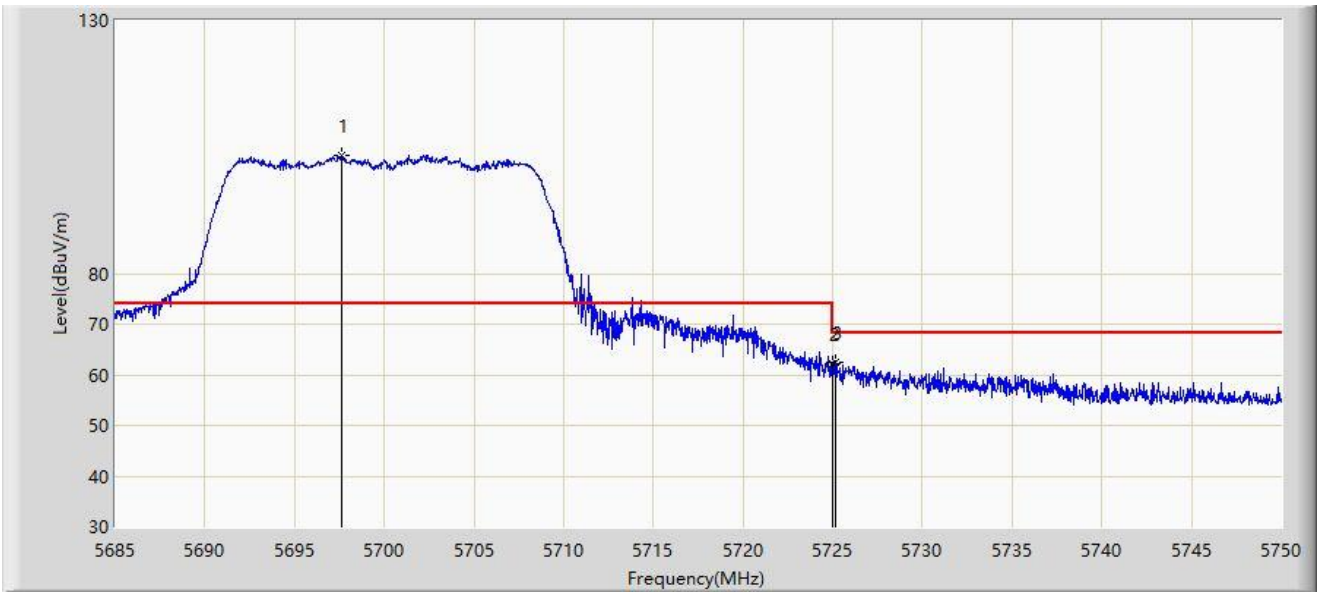| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5700MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5702.225	103.784	100.949	N/A	N/A	2.835	PK
2		5725.000	58.899	56.055	-9.301	68.200	2.844	PK
3	*	5725.072	62.941	60.096	-5.259	68.200	2.845	PK

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

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

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

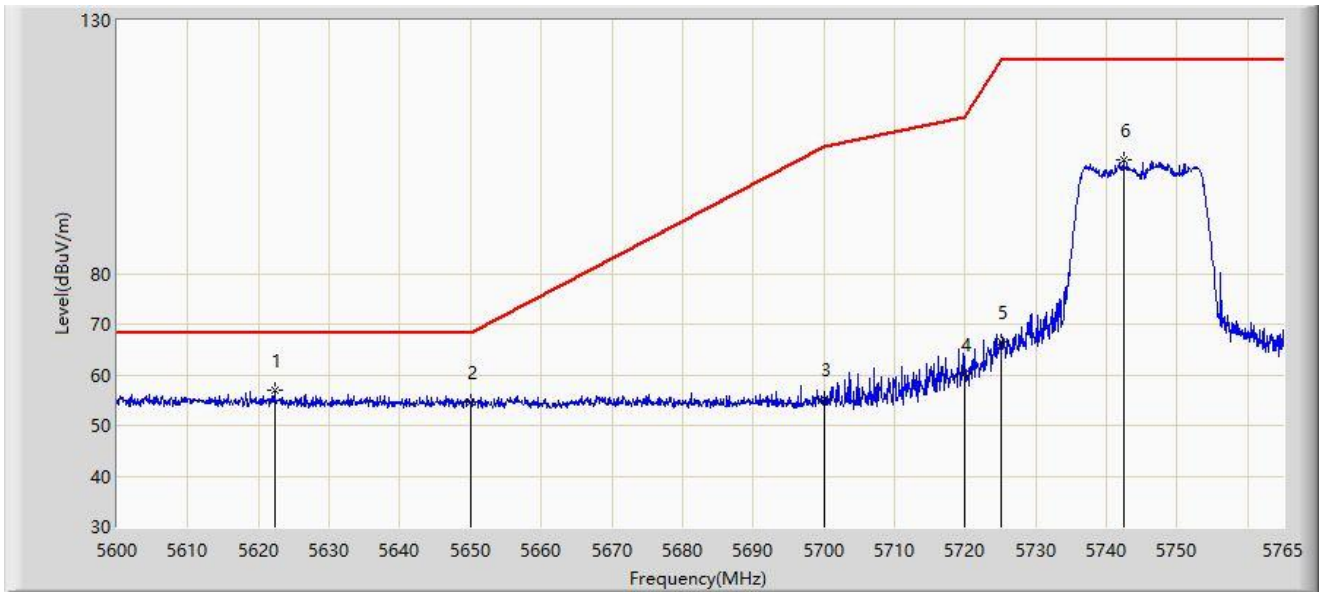| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5700MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5697.610	103.340	100.438	N/A	N/A	2.902	PK
2		5725.000	62.162	59.318	-6.038	68.200	2.844	PK
3	*	5725.170	62.417	59.572	-5.783	68.200	2.845	PK

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

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

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

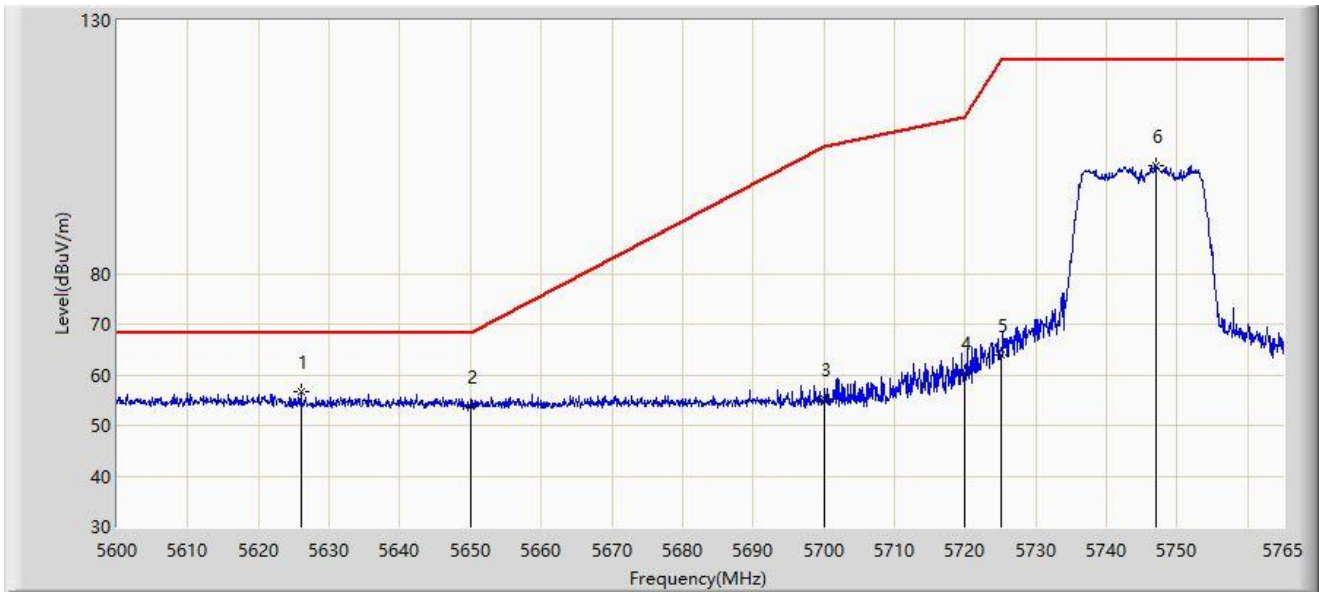| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5745MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5622.275	56.893	54.503	-11.307	68.200	2.390	PK
2		5650.000	54.551	52.000	-13.649	68.200	2.552	PK
3		5700.000	55.277	52.410	-49.923	105.200	2.867	PK
4		5720.000	60.074	57.264	-50.726	110.800	2.810	PK
5		5725.000	66.584	63.740	-55.616	122.200	2.844	PK
6		5742.395	102.532	99.510	N/A	N/A	3.022	PK

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

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

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

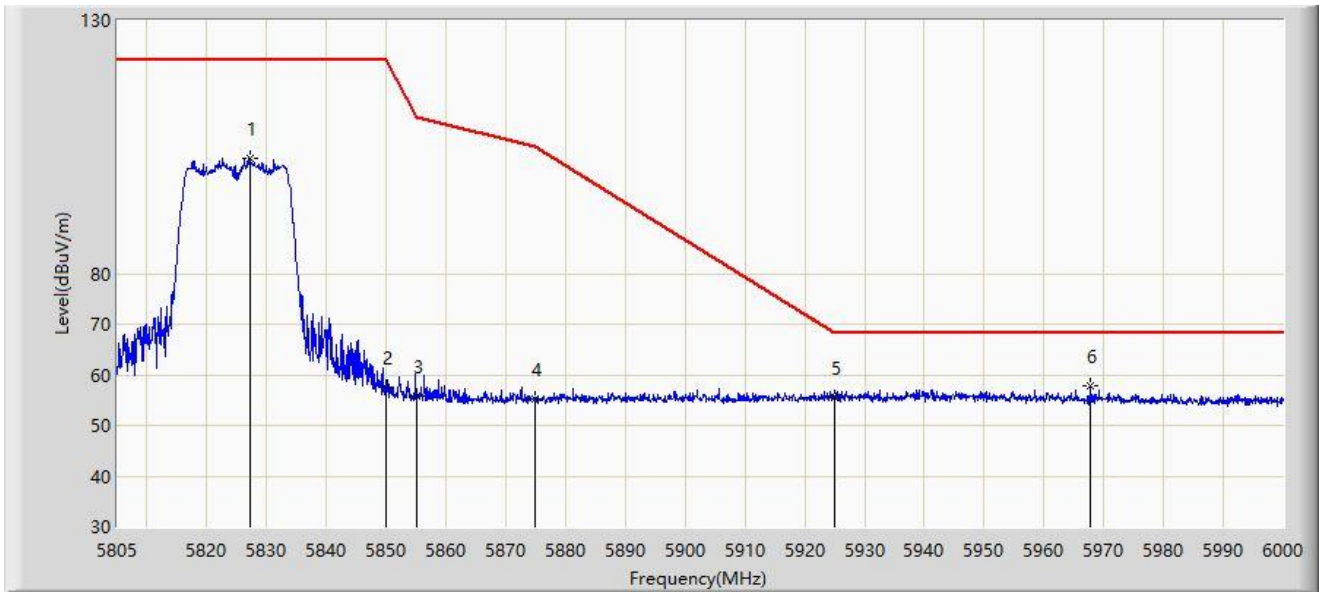| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5745MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5625.987	56.694	54.291	-11.506	68.200	2.403	PK
2		5650.000	53.898	51.347	-14.302	68.200	2.552	PK
3		5700.000	55.236	52.369	-49.964	105.200	2.867	PK
4		5720.000	60.317	57.507	-50.483	110.800	2.810	PK
5		5725.000	63.918	61.074	-58.282	122.200	2.844	PK
6		5747.098	101.225	98.163	N/A	N/A	3.063	PK

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

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

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

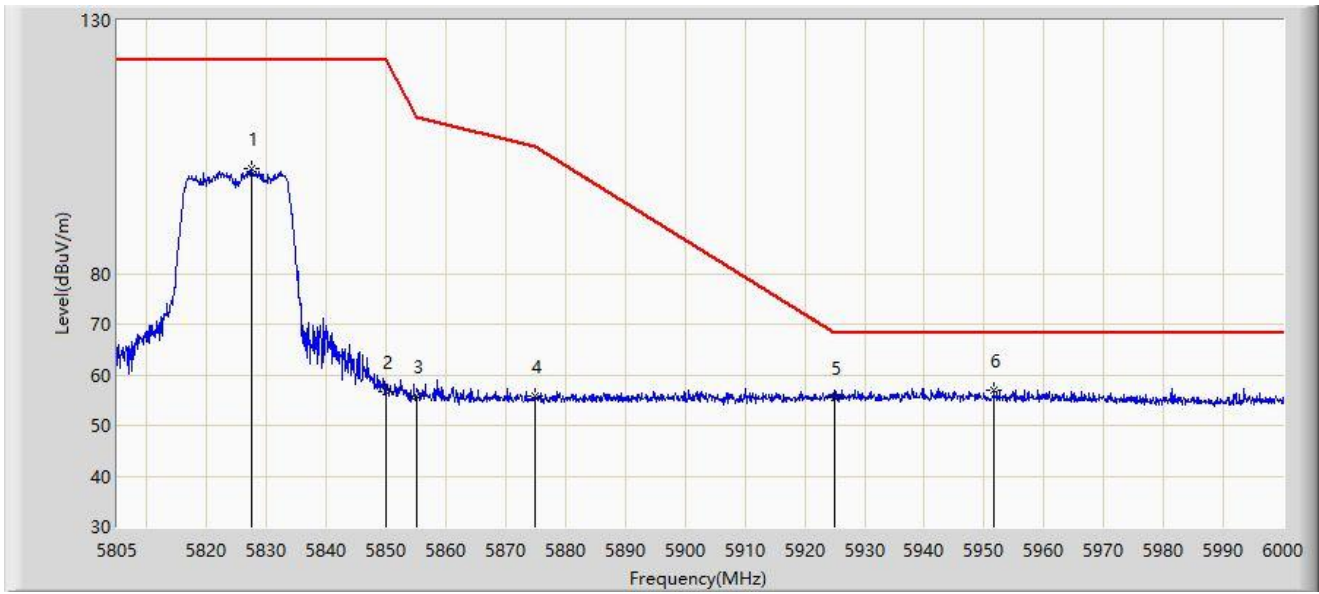| Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5825MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5827.230	102.839	99.395	N/A	N/A	3.444	PK
2		5850.000	57.606	54.274	-64.594	122.200	3.333	PK
3		5855.000	55.690	52.350	-55.110	110.800	3.340	PK
4		5875.000	55.351	51.957	-49.849	105.200	3.393	PK
5		5925.000	55.551	51.786	-12.649	68.200	3.766	PK
6	*	5967.825	57.884	54.111	-10.316	68.200	3.773	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-07
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT20 at 5825MHz	

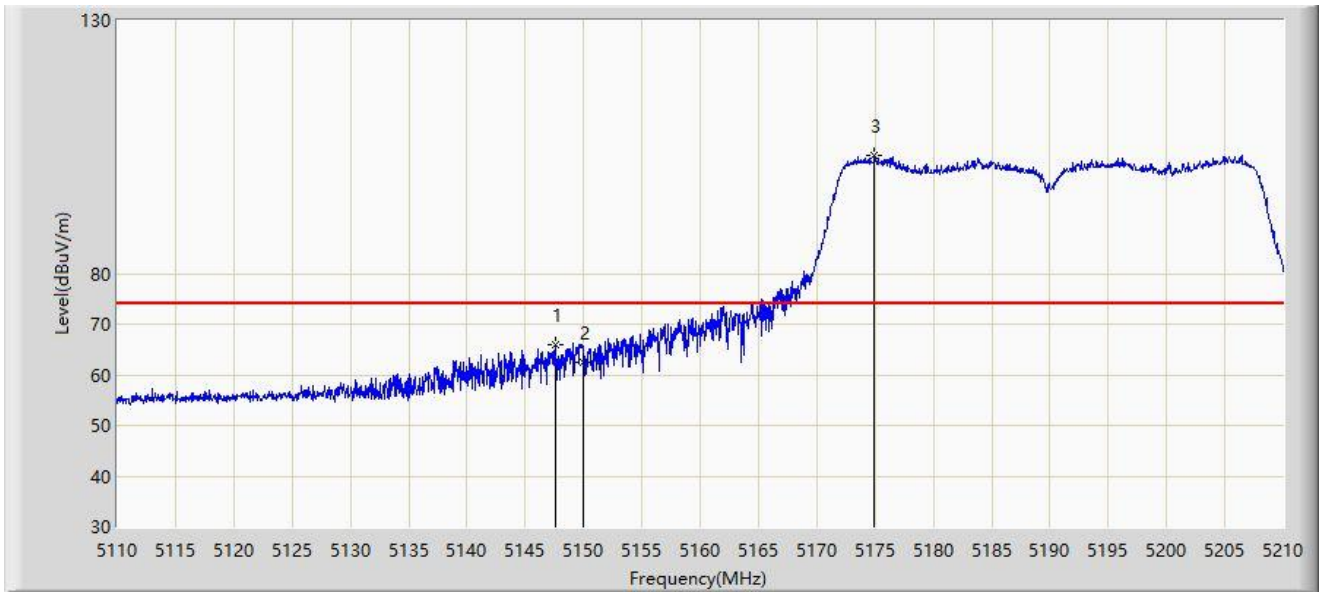| No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5827.425	100.613	97.165	N/A	N/A	3.448	PK
2		5850.000	56.806	53.474	-65.394	122.200	3.333	PK
3		5855.000	55.812	52.472	-54.988	110.800	3.340	PK
4		5875.000	55.693	52.299	-49.507	105.200	3.393	PK
5		5925.000	55.643	51.878	-12.557	68.200	3.766	PK
6	*	5951.640	57.040	53.113	-11.160	68.200	3.927	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-08
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: Wireless Module	Power: Powered by Test Fixture
Test Mode: Transmit by 802.11n-HT40 at 5190MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.550	66.078	63.515	-7.922	74.000	2.564	PK
2		5150.000	62.551	59.992	-11.449	74.000	2.559	PK
3		5174.900	103.268	101.136	N/A	N/A	2.132	PK

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

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

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