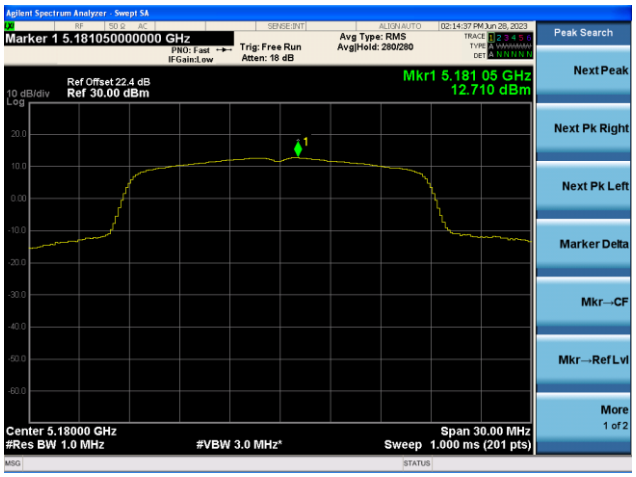
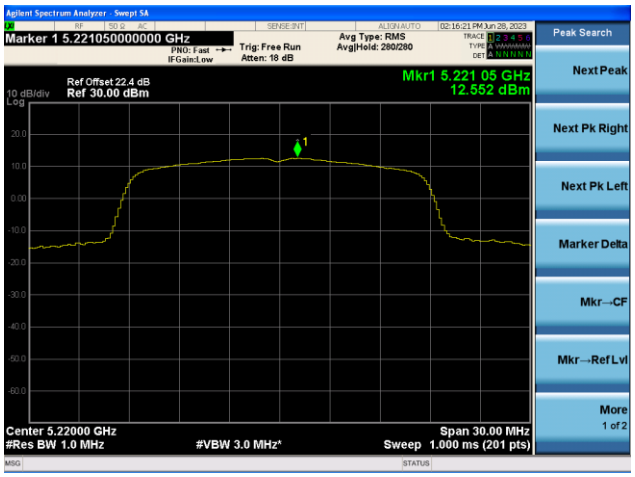
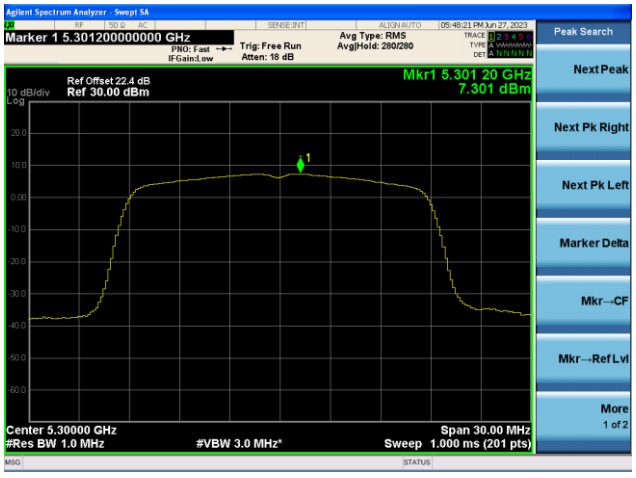
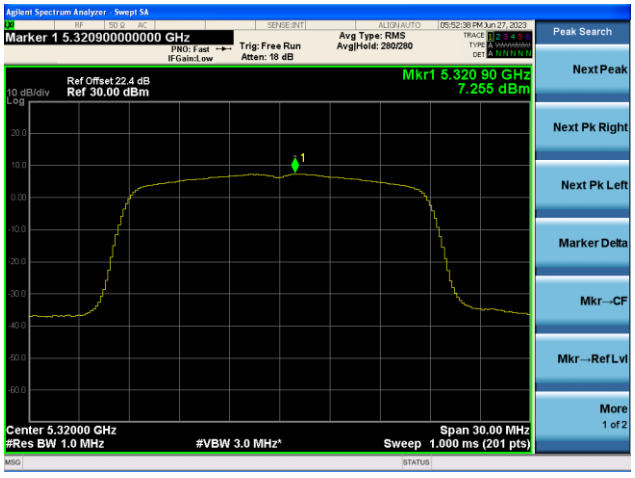
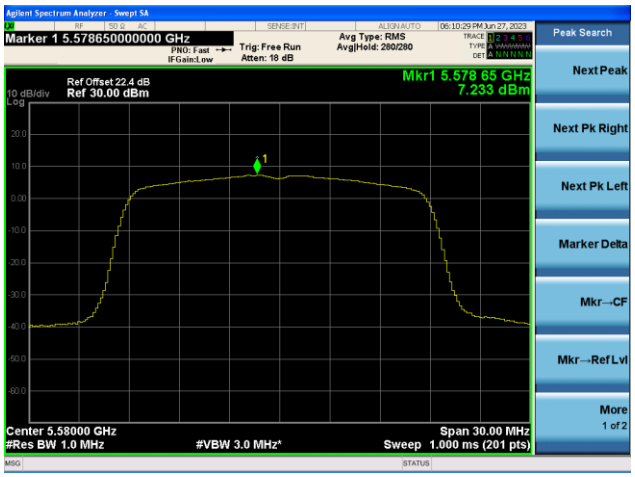
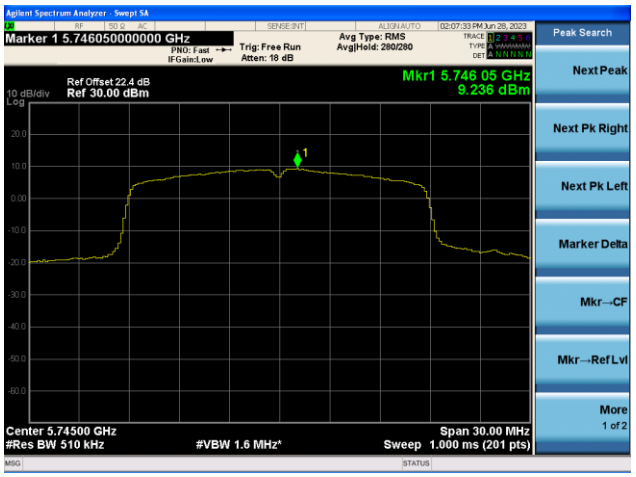
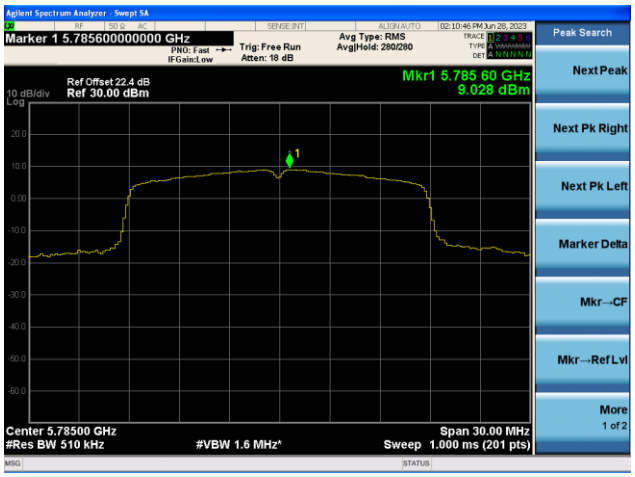
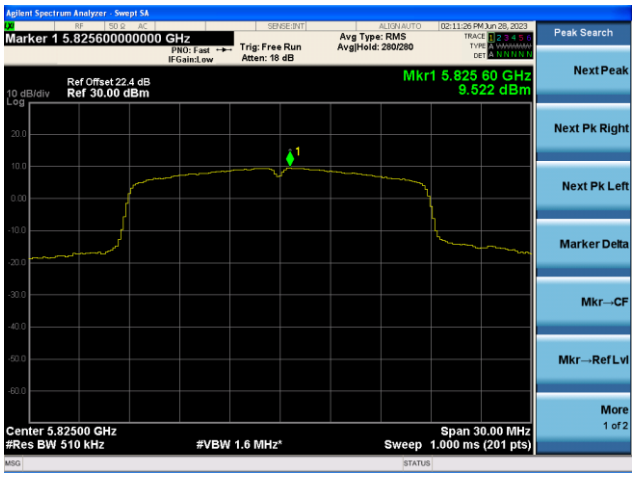
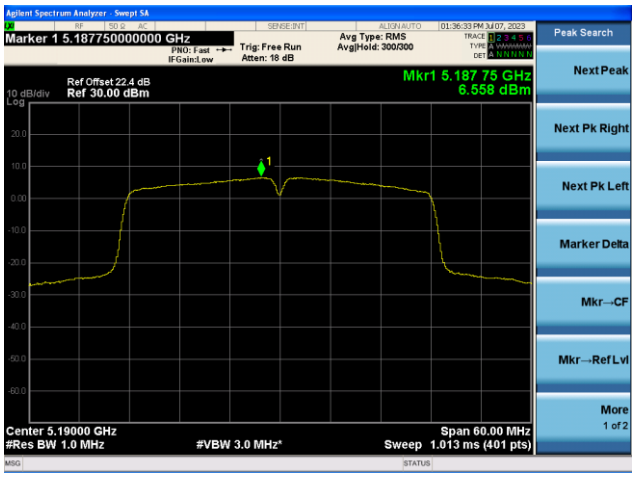
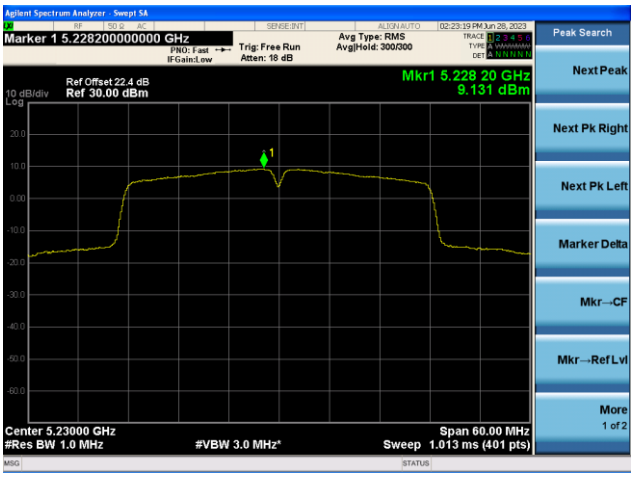
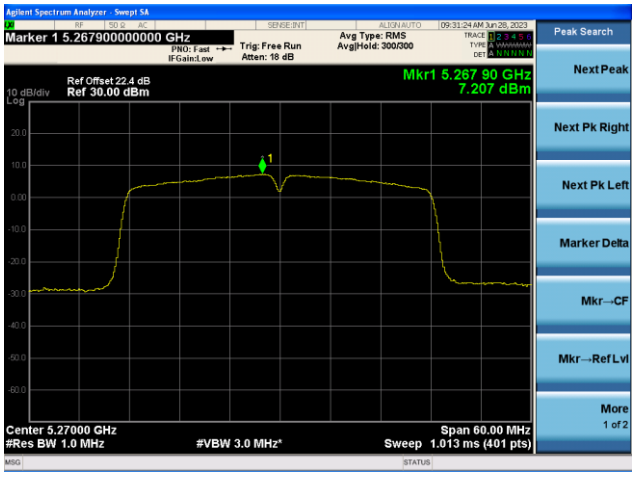
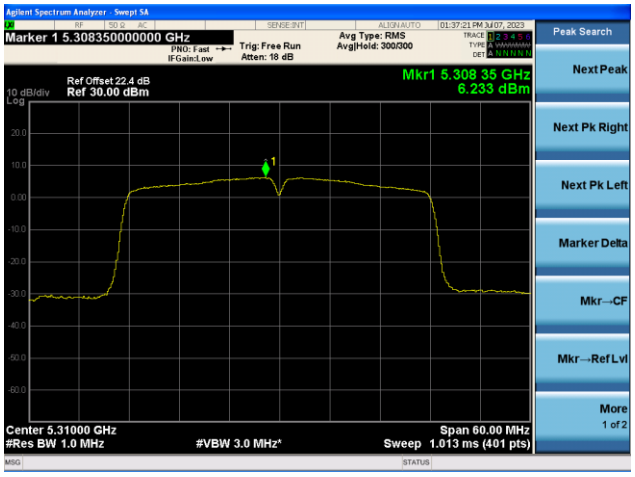
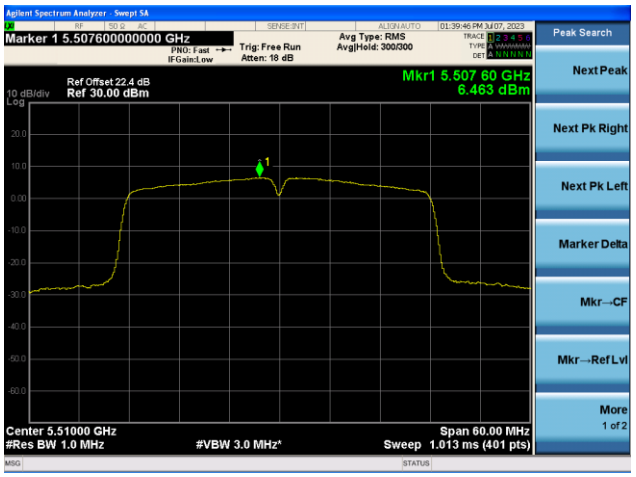
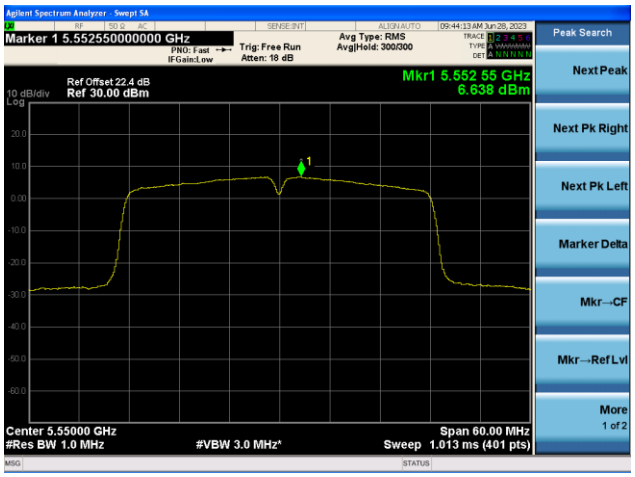
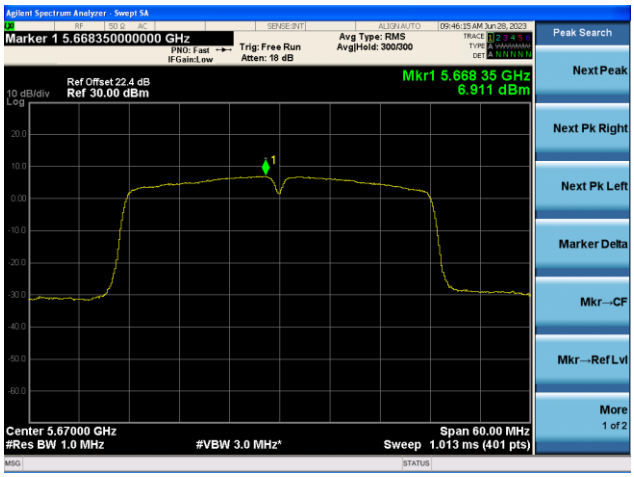
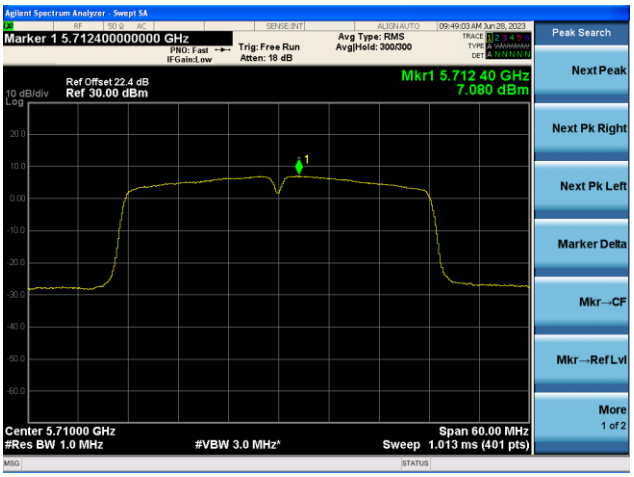
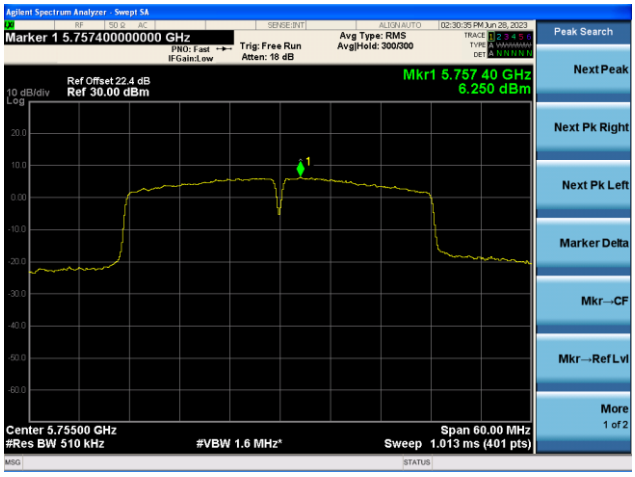
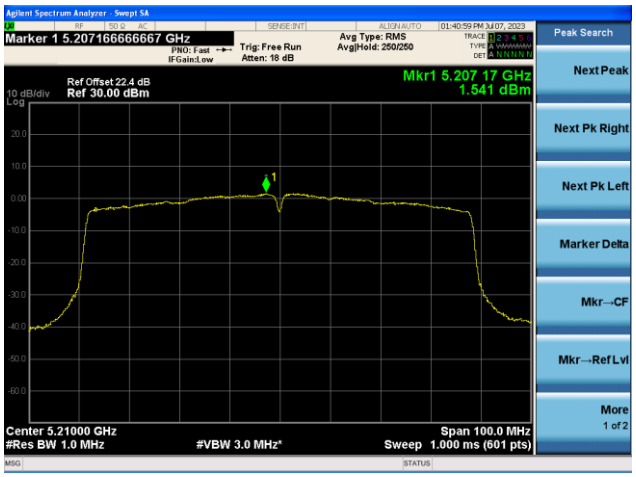
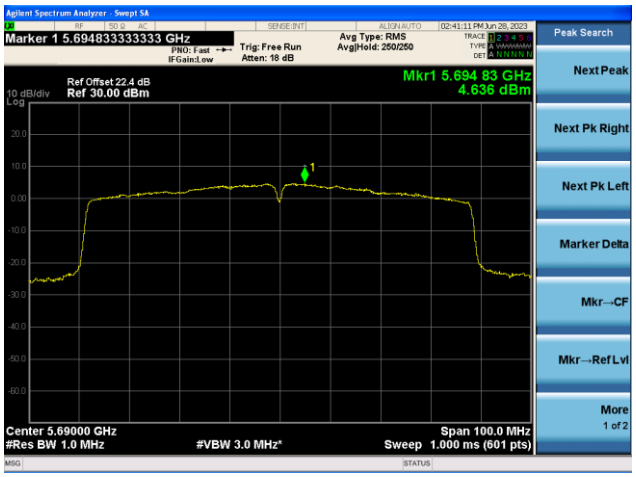
802.11ac-VHT20 Power Spectral Density- Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

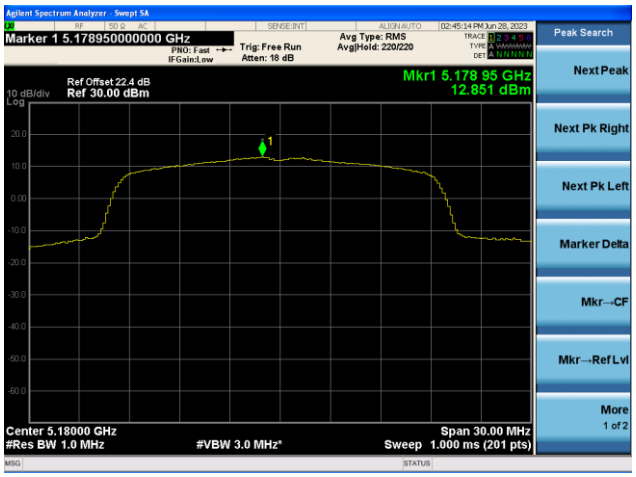
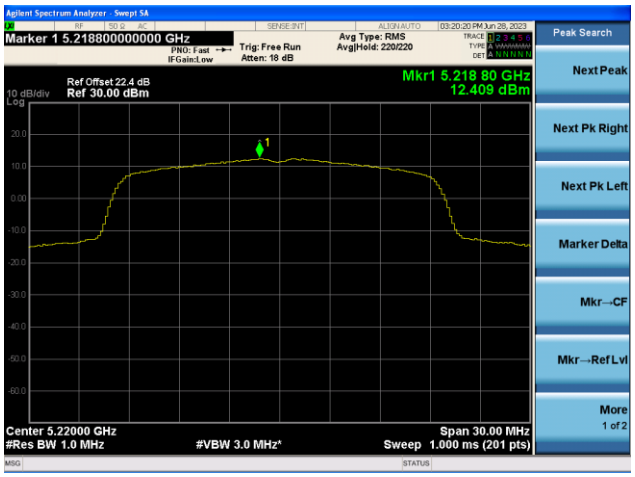
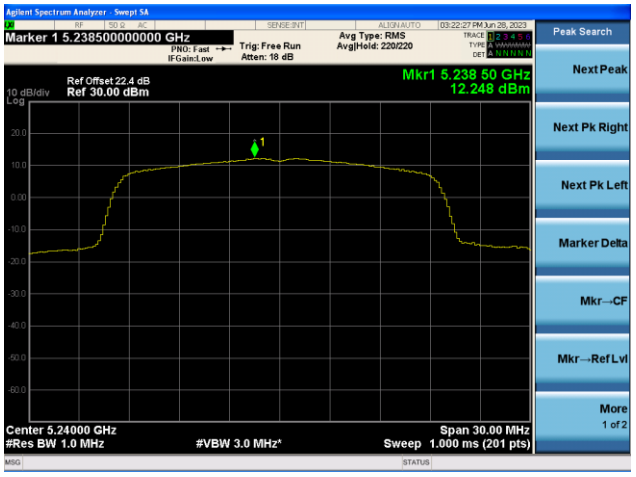
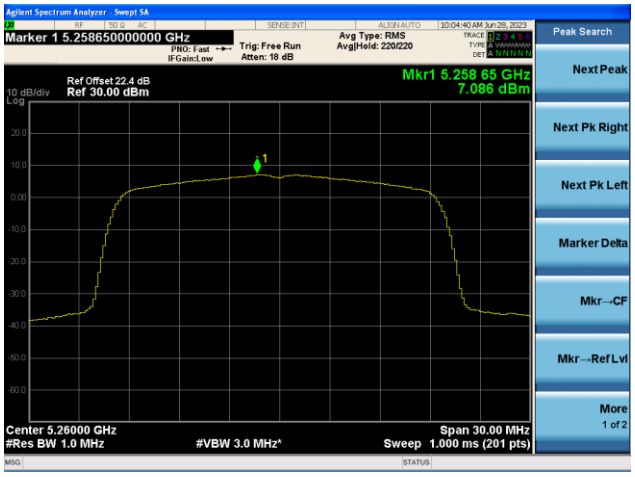
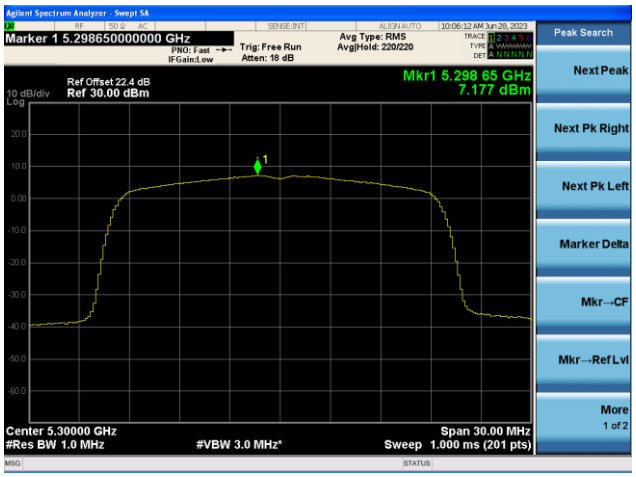
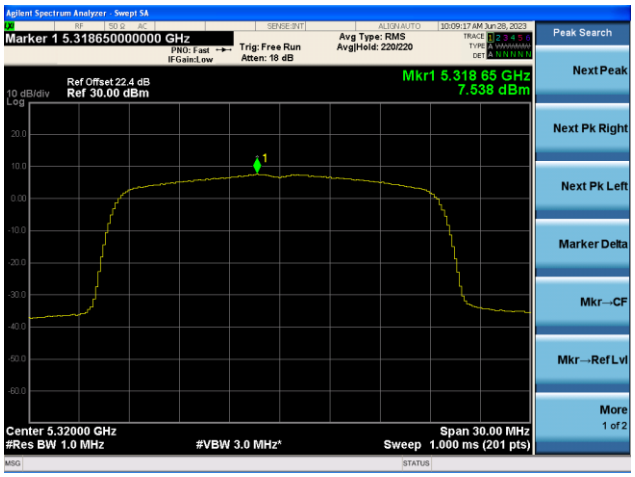
802.11ac-VHT20 Power Spectral Density- Ant 1	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	

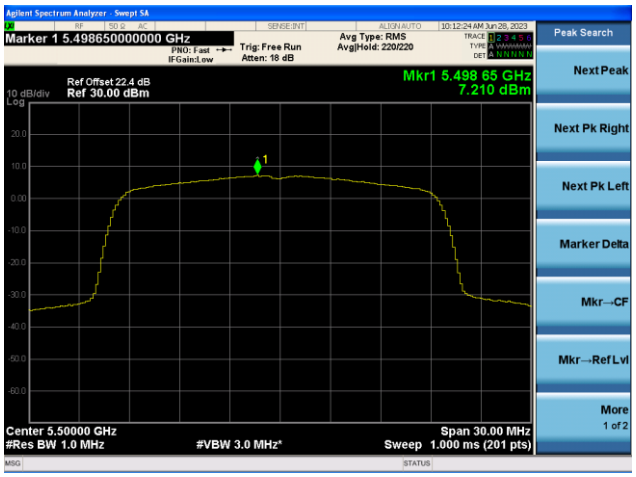
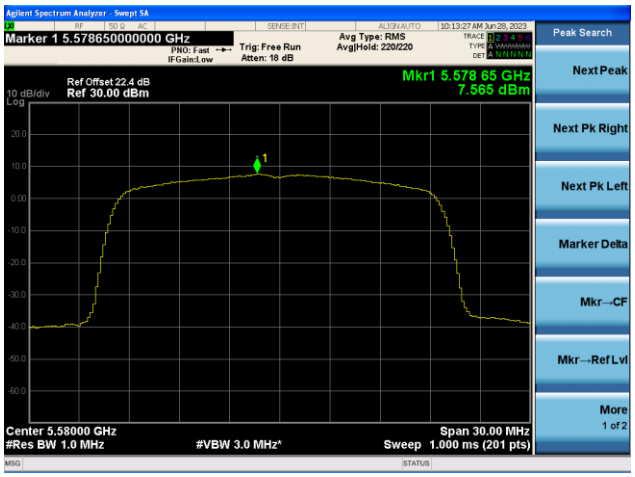
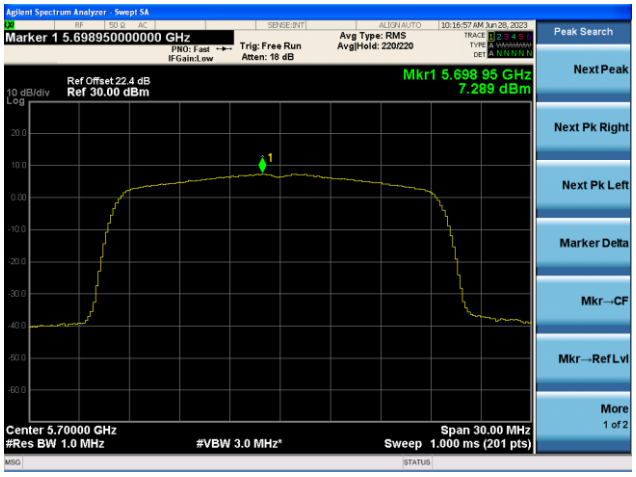
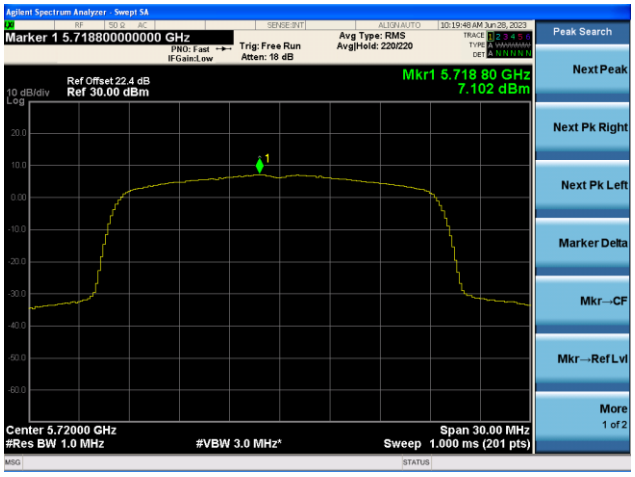
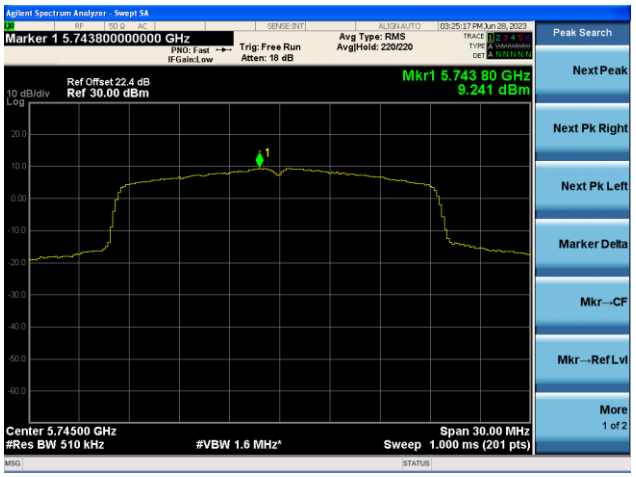
802.11ac-VHT20 Power Spectral Density- Ant 1	
Channel 165 (5825MHz)	
	

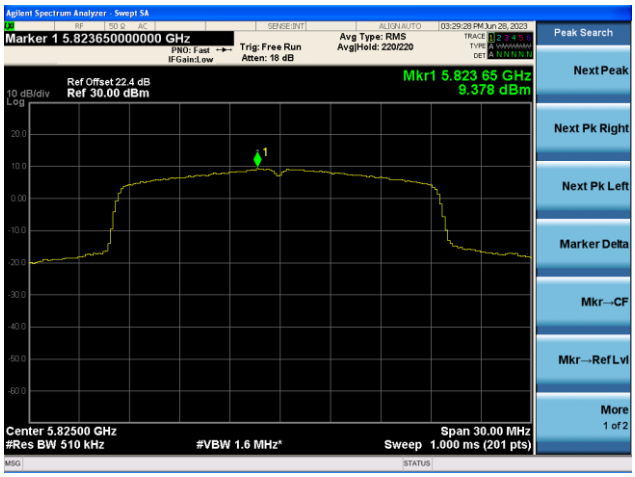
802.11ac-VHT40 Power Spectral Density- Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

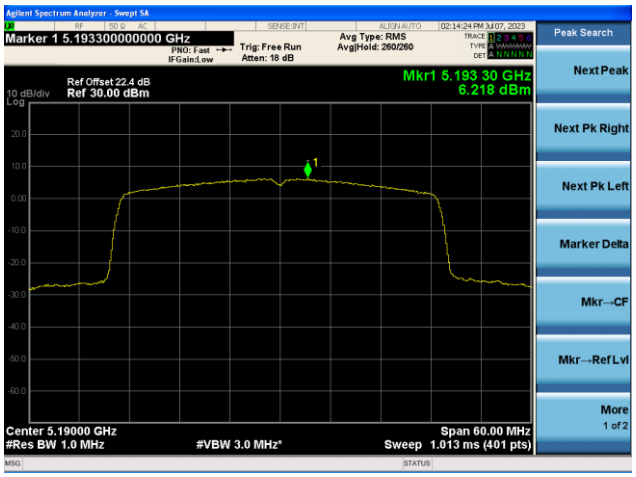
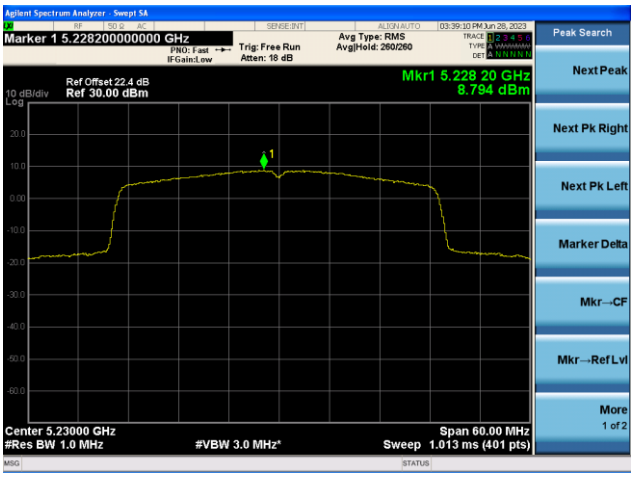
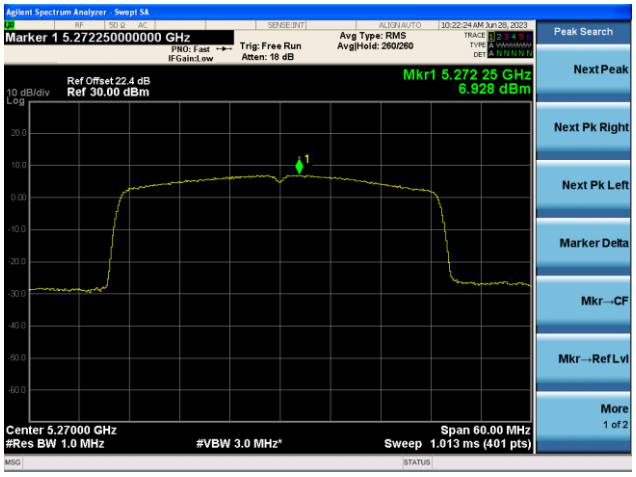
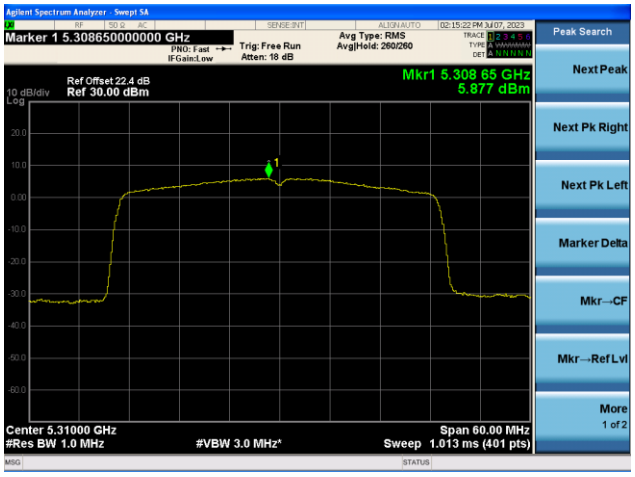
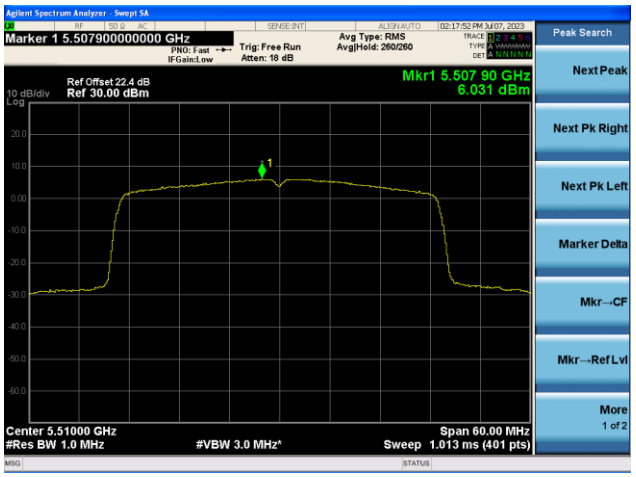
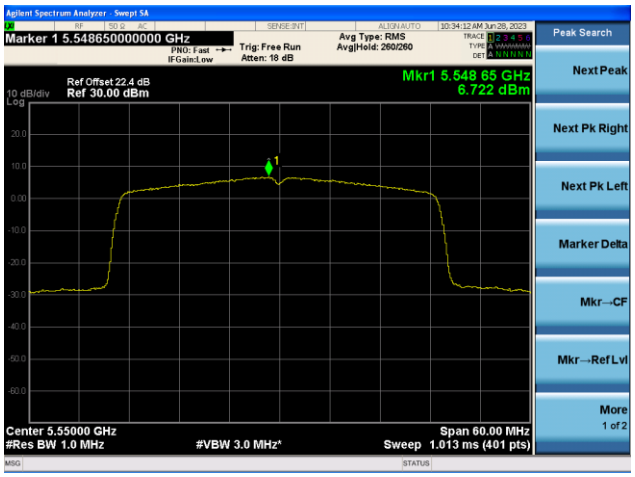
802.11ac-VHT40 Power Spectral Density- Ant 1	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

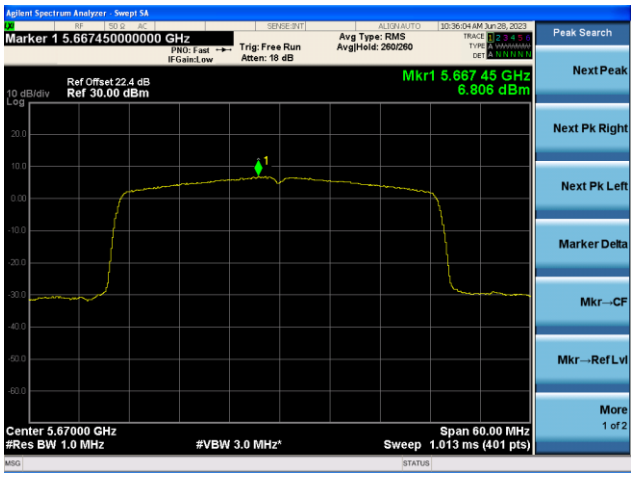
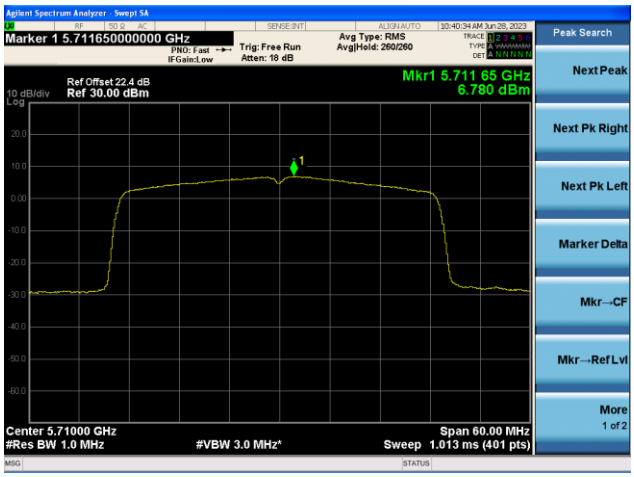
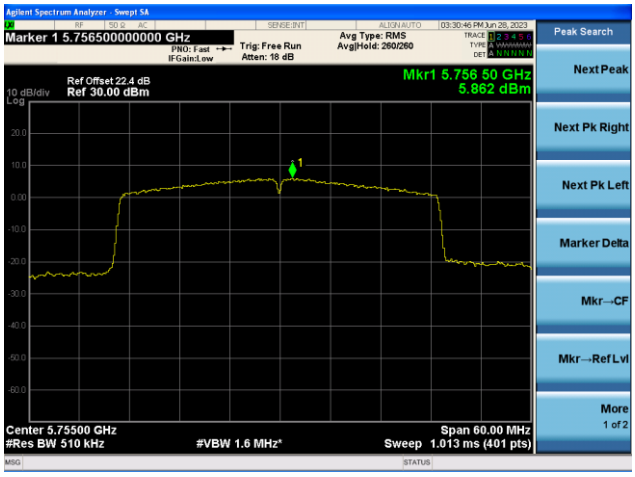
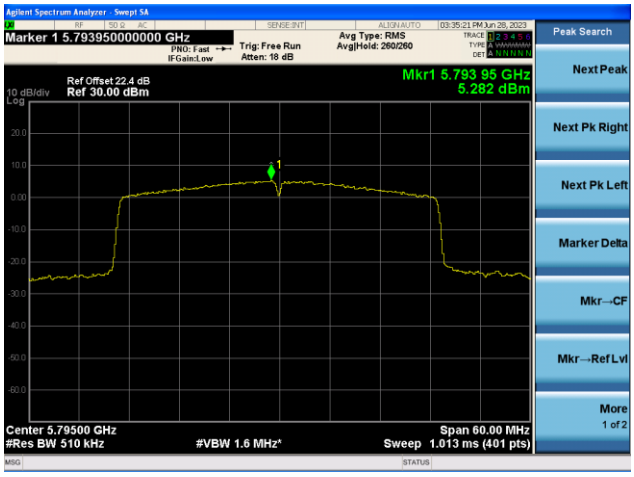
802.11ac-VHT80 Power Spectral Density- Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

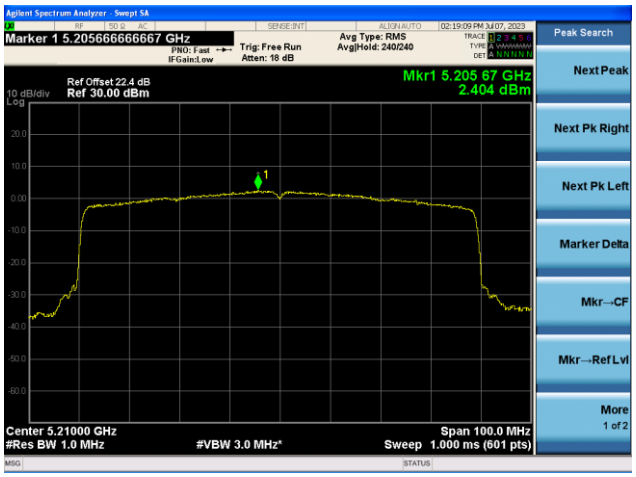
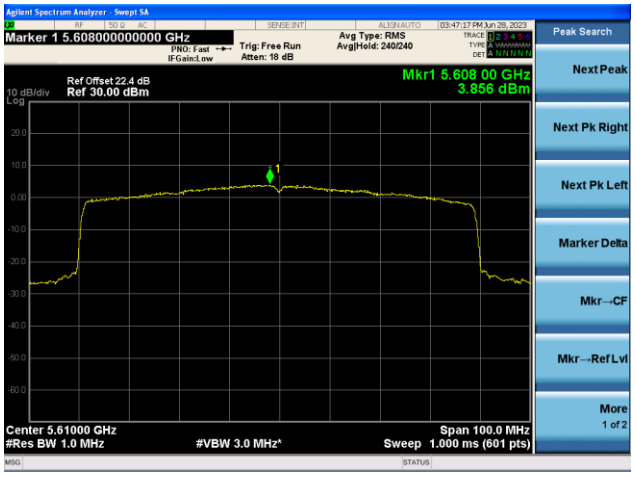
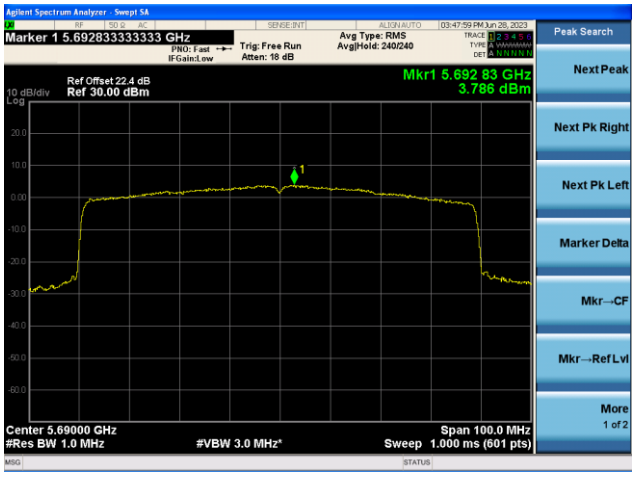
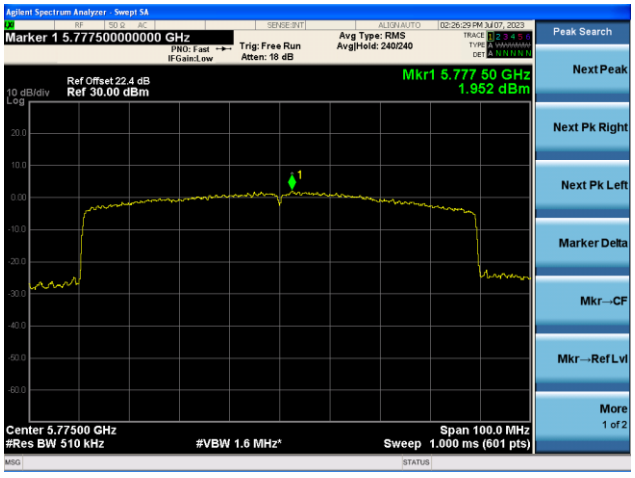
802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	Channel 144(5720MHz)
	
Channel 149 (5745MHz)	Channel 157 (5785MHz)
	

802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 165 (5825MHz)	
	

802.11ax-HE40 Power Spectral Density- Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	

802.11ax-HE40 Power Spectral Density- Ant 1	
Channel 134 (5670MHz)	Channel 142(5710MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density- Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

A.6 Radiated Spurious Emission Test Result

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8284.5	36.6	9.3	45.9	74.0	-28.1	Peak	Horizontal
*	10358.5	42.1	13.8	55.9	68.2	-12.3	Peak	Horizontal
	15538.5	38.2	16.7	54.9	74.0	-19.1	Peak	Horizontal
	15538.5	27.8	16.7	44.5	54.0	-9.5	Average	Horizontal
*	16368.0	34.0	17.2	51.2	68.2	-17.0	Peak	Horizontal
	8267.5	36.6	9.1	45.7	74.0	-28.3	Peak	Vertical
*	10358.5	43.1	13.8	56.9	68.2	-11.3	Peak	Vertical
	15538.2	43.0	16.7	59.7	74.0	-14.3	Peak	Vertical
	15538.2	32.7	16.7	49.4	54.0	-4.6	Average	Vertical
*	16206.5	35.2	15.3	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	2023-07-06 ~ 2023-07-07	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
	8437.5	36.8	10.2	47.0	74.0	-27.0	Peak	Horizontal
*	10443.5	42.0	13.7	55.7	68.2	-12.5	Peak	Horizontal
	15659.8	41.7	15.2	56.9	74.0	-17.1	Peak	Horizontal
	15659.8	30.7	15.2	45.9	54.0	-8.1	Average	Horizontal
*	16444.5	33.9	17.0	50.9	68.2	-17.3	Peak	Horizontal
	8446.0	36.6	10.5	47.1	74.0	-26.9	Peak	Vertical
*	10443.5	44.6	13.7	58.3	68.2	-9.9	Peak	Vertical
	15661.5	47.2	15.2	62.4	74.0	-11.6	Peak	Vertical
	15661.5	35.7	15.2	50.9	54.0	-3.1	Average	Vertical
*	16376.5	34.9	16.9	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	2023-07-06 ~ 2023-07-07	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	35.8	9.0	44.8	74.0	-29.2	Peak	Horizontal
*	10477.5	39.7	14.2	53.9	68.2	-14.3	Peak	Horizontal
	15721.6	40.7	15.8	56.5	74.0	-17.5	Peak	Horizontal
	15721.6	31.2	15.8	47.0	54.0	-7.0	Average	Horizontal
*	16453.0	34.2	16.6	50.8	68.2	-17.4	Peak	Horizontal
	8369.5	37.5	9.8	47.3	74.0	-26.7	Peak	Vertical
*	10486.0	42.6	14.3	56.9	68.2	-11.3	Peak	Vertical
	15721.1	47.7	15.8	63.5	74.0	-10.5	Peak	Vertical
	15721.1	35.9	15.8	51.7	54.0	-2.3	Average	Vertical
*	16283.0	34.2	15.5	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8352.5	38.5	9.7	48.2	74.0	-25.8	Peak	Horizontal
*	9942.0	35.7	13.3	49.0	68.2	-19.2	Peak	Horizontal
	11302.0	35.3	15.9	51.2	74.0	-22.8	Peak	Horizontal
*	12891.5	35.1	15.0	50.1	68.2	-18.1	Peak	Horizontal
	8182.5	35.4	9.1	44.5	74.0	-29.5	Peak	Vertical
*	9806.0	35.8	12.5	48.3	68.2	-19.9	Peak	Vertical
	11285.0	35.7	15.5	51.2	74.0	-22.8	Peak	Vertical
*	13010.5	34.2	15.4	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8259.0	35.9	9.0	44.9	74.0	-29.1	Peak	Horizontal
*	9993.0	34.5	12.9	47.4	68.2	-20.8	Peak	Horizontal
	12330.5	35.5	14.4	49.9	74.0	-24.1	Peak	Horizontal
*	13894.5	33.7	16.2	49.9	68.2	-18.3	Peak	Horizontal
	8310.0	35.3	9.3	44.6	74.0	-29.4	Peak	Vertical
*	10163.0	36.1	13.1	49.2	68.2	-19.0	Peak	Vertical
	15899.8	39.2	16.6	55.8	74.0	-18.2	Peak	Vertical
	15899.8	28.9	16.6	45.5	54.0	-8.5	Average	Vertical
*	16453.0	33.5	16.6	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	2023-07-06 ~ 2023-07-07	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
	8429.0	37.1	10.0	47.1	74.0	-26.9	Peak	Horizontal
*	10120.5	35.4	13.1	48.5	68.2	-19.7	Peak	Horizontal
	11880.0	35.0	14.5	49.5	74.0	-24.5	Peak	Horizontal
*	13138.0	33.0	15.8	48.8	68.2	-19.4	Peak	Horizontal
	8395.0	37.5	9.8	47.3	74.0	-26.7	Peak	Vertical
*	9857.0	34.4	11.9	46.3	68.2	-21.9	Peak	Vertical
	15960.0	38.0	15.0	53.0	74.0	-21.0	Peak	Vertical
*	16436.0	33.4	17.4	50.8	68.2	-17.4	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	2023-07-06 ~ 2023-07-07	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
*	7885.0	37.3	9.1	46.4	68.2	-21.8	Peak	Horizontal
*	9865.5	34.7	12.3	47.0	68.2	-21.2	Peak	Horizontal
	11480.5	33.9	15.7	49.6	74.0	-24.4	Peak	Horizontal
*	13070.0	33.6	15.8	49.4	68.2	-18.8	Peak	Horizontal
	8437.5	37.3	10.2	47.5	74.0	-26.5	Peak	Vertical
*	9823.0	35.1	12.5	47.6	68.2	-20.6	Peak	Vertical
	11001.1	43.4	14.7	58.1	74.0	-15.9	Peak	Vertical
	11001.1	31.1	14.7	45.8	54.0	-8.2	Average	Vertical
*	12976.5	33.8	15.3	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	2023-07-06 ~ 2023-07-07	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
	8369.5	36.7	9.8	46.5	74.0	-27.5	Peak	Horizontal
*	9976.0	36.6	12.7	49.3	68.2	-18.9	Peak	Horizontal
	11225.5	34.1	15.8	49.9	74.0	-24.1	Peak	Horizontal
*	13019.0	35.3	15.4	50.7	68.2	-17.5	Peak	Horizontal
	8242.0	35.8	9.0	44.8	74.0	-29.2	Peak	Vertical
*	10214.0	35.5	12.9	48.4	68.2	-19.8	Peak	Vertical
	11162.3	40.2	15.5	55.7	74.0	-18.3	Peak	Vertical
	11162.3	29.5	15.5	45.0	54.0	-9.0	Average	Vertical
*	12993.5	33.7	15.4	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	2023-07-06 ~ 2023-07-07	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
	8446.0	36.8	10.5	47.3	74.0	-26.7	Peak	Horizontal
*	10103.5	35.2	13.1	48.3	68.2	-19.9	Peak	Horizontal
	11387.0	35.1	15.2	50.3	74.0	-23.7	Peak	Horizontal
*	13027.5	34.2	15.6	49.8	68.2	-18.4	Peak	Horizontal
	8046.5	37.3	9.4	46.7	74.0	-27.3	Peak	Vertical
*	9882.5	35.1	12.8	47.9	68.2	-20.3	Peak	Vertical
	11404.0	37.2	15.3	52.5	74.0	-21.5	Peak	Vertical
*	12866.0	35.0	15.3	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11a – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8352.5	36.5	9.7	46.2	74.0	-27.8	Peak	Horizontal
*	9993.0	34.9	12.9	47.8	68.2	-20.4	Peak	Horizontal
	11446.5	35.8	15.3	51.1	74.0	-22.9	Peak	Horizontal
*	12934.0	34.4	15.7	50.1	68.2	-18.1	Peak	Horizontal
	8361.0	37.0	9.7	46.7	74.0	-27.3	Peak	Vertical
*	10163.0	36.7	13.1	49.8	68.2	-18.4	Peak	Vertical
	11438.0	37.2	15.3	52.5	74.0	-21.5	Peak	Vertical
*	13129.5	33.6	15.7	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	2023-07-06 ~ 2023-07-07	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
	8250.5	36.8	9.0	45.8	74.0	-28.2	Peak	Horizontal
*	8794.5	36.2	12.2	48.4	68.2	-19.8	Peak	Horizontal
	11489.6	43.1	15.7	58.8	74.0	-15.2	Peak	Horizontal
	11489.6	33.2	15.7	48.9	54.0	-5.1	Average	Horizontal
*	13087.0	32.3	15.2	47.5	68.2	-20.7	Peak	Horizontal
	11492.1	41.9	15.7	57.6	74.0	-16.4	Peak	Vertical
	11492.1	32.7	15.7	48.4	54.0	-5.6	Average	Vertical
*	13044.5	33.2	15.5	48.7	68.2	-19.5	Peak	Vertical
	15705.0	34.8	16.0	50.8	74.0	-23.2	Peak	Vertical
*	17243.5	42.1	20.0	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	2023-07-06 ~ 2023-07-07	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
	8284.5	36.9	9.3	46.2	74.0	-27.8	Peak	Horizontal
*	10163.0	37.1	13.1	50.2	68.2	-18.0	Peak	Horizontal
	11568.0	45.0	15.7	60.7	74.0	-13.3	Peak	Horizontal
	11568.0	33.1	15.7	48.8	54.0	-5.2	Average	Horizontal
*	13070.0	33.5	15.8	49.3	68.2	-18.9	Peak	Horizontal
	8361.0	36.8	9.7	46.5	74.0	-27.5	Peak	Vertical
*	9993.0	34.6	12.9	47.5	68.2	-20.7	Peak	Vertical
	11570.4	44.7	15.6	60.3	74.0	-13.7	Peak	Vertical
	11570.4	33.7	15.6	49.3	54.0	-4.7	Average	Vertical
*	12900.0	34.8	14.8	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8446.0	37.7	10.5	48.2	74.0	-25.8	Peak	Horizontal
*	9661.5	35.9	11.7	47.6	68.2	-20.6	Peak	Horizontal
	11648.1	47.2	15.9	63.1	74.0	-10.9	Peak	Horizontal
	11648.1	34.7	15.9	50.6	54.0	-3.4	Average	Horizontal
*	13078.5	33.3	15.5	48.8	68.2	-19.4	Peak	Horizontal
	8420.5	37.0	9.9	46.9	74.0	-27.1	Peak	Vertical
*	9942.0	35.2	13.3	48.5	68.2	-19.7	Peak	Vertical
	11650.4	45.2	15.9	61.1	74.0	-12.9	Peak	Vertical
	11650.4	34.7	15.9	50.6	54.0	-3.4	Average	Vertical
*	12951.0	34.9	15.6	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	2023-07-06 ~ 2023-07-07	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
	8369.5	37.2	9.8	47.0	74.0	-27.0	Peak	Horizontal
*	10358.5	38.2	13.8	52.0	68.2	-16.2	Peak	Horizontal
	15538.0	39.5	16.7	56.2	74.0	-17.8	Peak	Horizontal
	15538.0	28.5	16.7	45.2	54.0	-8.8	Average	Horizontal
*	16436.0	33.8	17.4	51.2	68.2	-17.0	Peak	Horizontal
	8361.0	36.8	9.7	46.5	74.0	-27.5	Peak	Vertical
*	10358.5	44.6	13.8	58.4	68.2	-9.8	Peak	Vertical
	15538.0	45.1	16.7	61.8	74.0	-12.2	Peak	Vertical
	15538.0	32.7	16.7	49.4	54.0	-4.6	Average	Vertical
*	16351.0	34.1	17.5	51.6	68.2	-16.6	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	2023-07-06 ~ 2023-07-07	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
	12347.5	34.1	14.5	48.6	74.0	-25.4	Peak	Horizontal
*	13044.5	32.9	15.5	48.4	68.2	-19.8	Peak	Horizontal
	15658.0	40.5	15.3	55.8	74.0	-18.2	Peak	Horizontal
	15658.0	30.6	15.3	45.9	54.0	-8.1	Average	Horizontal
*	16504.0	34.6	16.0	50.6	68.2	-17.6	Peak	Horizontal
	8369.5	37.0	9.8	46.8	74.0	-27.2	Peak	Vertical
*	10443.5	45.4	13.7	59.1	68.2	-9.1	Peak	Vertical
	15657.8	46.0	15.3	61.3	74.0	-12.7	Peak	Vertical
	15657.8	34.5	15.3	49.8	54.0	-4.2	Average	Vertical
*	16470.0	33.4	16.2	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8488.5	36.2	10.6	46.8	74.0	-27.2	Peak	Horizontal
*	10477.5	37.5	14.2	51.7	68.2	-16.5	Peak	Horizontal
	15718.0	38.6	15.9	54.5	74.0	-19.5	Peak	Horizontal
	15718.0	28.2	15.9	44.1	54.0	-9.9	Average	Horizontal
*	16334.0	33.5	16.3	49.8	68.2	-18.4	Peak	Horizontal
	8437.5	36.7	10.2	46.9	74.0	-27.1	Peak	Vertical
*	10477.5	42.2	14.2	56.4	68.2	-11.8	Peak	Vertical
	15718.0	44.3	15.9	60.2	74.0	-13.8	Peak	Vertical
	15718.0	32.9	15.9	48.8	54.0	-5.2	Average	Vertical
*	16317.0	32.7	16.6	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	2023-07-06 ~ 2023-07-07	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
	8284.5	34.9	9.3	44.2	74.0	-29.8	Peak	Horizontal
*	10188.5	33.1	12.7	45.8	68.2	-22.4	Peak	Horizontal
	11378.5	33.1	15.4	48.5	74.0	-25.5	Peak	Horizontal
*	13027.5	33.1	15.6	48.7	68.2	-19.5	Peak	Horizontal
	8165.5	34.6	9.0	43.6	74.0	-30.4	Peak	Vertical
*	9874.0	35.4	12.7	48.1	68.2	-20.1	Peak	Vertical
	12101.0	33.8	15.1	48.9	74.0	-25.1	Peak	Vertical
*	13010.5	33.9	15.4	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	2023-07-06 ~ 2023-07-07	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
	8344.0	36.2	9.6	45.8	74.0	-28.2	Peak	Horizontal
*	10035.5	33.4	13.3	46.7	68.2	-21.5	Peak	Horizontal
	11616.5	32.9	15.8	48.7	74.0	-25.3	Peak	Horizontal
*	13095.5	33.6	15.3	48.9	68.2	-19.3	Peak	Horizontal
	12585.5	35.2	14.7	49.9	74.0	-24.1	Peak	Vertical
*	13027.5	32.2	15.6	47.8	68.2	-20.4	Peak	Vertical
	15900.3	37.6	16.6	54.2	74.0	-19.8	Peak	Vertical
	15900.3	27.2	16.6	43.8	54.0	-10.2	Average	Vertical
*	16495.5	32.8	16.2	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8378.0	36.8	9.9	46.7	74.0	-27.3	Peak	Horizontal
*	9814.5	35.9	12.5	48.4	68.2	-19.8	Peak	Horizontal
	12186.0	33.9	14.9	48.8	74.0	-25.2	Peak	Horizontal
*	12925.5	32.8	15.5	48.3	68.2	-19.9	Peak	Horizontal
	8344.0	35.4	9.6	45.0	74.0	-29.0	Peak	Vertical
*	10078.0	33.3	12.8	46.1	68.2	-22.1	Peak	Vertical
	11718.5	32.5	14.8	47.3	74.0	-26.7	Peak	Vertical
*	13129.5	32.8	15.7	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	2023-07-06 ~ 2023-07-07	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
	8327.0	35.4	9.3	44.7	74.0	-29.3	Peak	Horizontal
*	9619.0	34.2	11.3	45.5	68.2	-22.7	Peak	Horizontal
	11353.0	32.9	15.5	48.4	74.0	-25.6	Peak	Horizontal
*	13010.5	33.5	15.4	48.9	68.2	-19.3	Peak	Horizontal
	8352.5	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
*	9950.5	33.4	12.9	46.3	68.2	-21.9	Peak	Vertical
	11004.5	38.3	14.7	53.0	74.0	-21.0	Peak	Vertical
*	16500.6	39.5	16.1	55.6	68.2	-12.6	Peak	Vertical
	16500.6	27.6	16.1	43.7	54.0	-10.3	Average	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	2023-07-06 ~ 2023-07-07	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
	8293.0	35.3	9.3	44.6	74.0	-29.4	Peak	Horizontal
*	10146.0	35.7	13.2	48.9	68.2	-19.3	Peak	Horizontal
	11327.5	32.4	15.2	47.6	74.0	-26.4	Peak	Horizontal
*	13189.0	32.5	15.3	47.8	68.2	-20.4	Peak	Horizontal
	8327.0	36.6	9.3	45.9	74.0	-28.1	Peak	Vertical
*	9823.0	35.5	12.5	48.0	68.2	-20.2	Peak	Vertical
	11157.5	36.4	15.5	51.9	74.0	-22.1	Peak	Vertical
*	13070.0	32.7	15.8	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8191.0	37.5	9.2	46.7	74.0	-27.3	Peak	Horizontal
*	8803.0	35.3	12.4	47.7	68.2	-20.5	Peak	Horizontal
	11064.0	35.2	15.8	51.0	74.0	-23.0	Peak	Horizontal
*	12874.5	34.0	15.3	49.3	68.2	-18.9	Peak	Horizontal
	7672.5	35.4	9.4	44.8	74.0	-29.2	Peak	Vertical
*	9721.0	34.7	12.0	46.7	68.2	-21.5	Peak	Vertical
	11319.0	36.6	15.3	51.9	74.0	-22.1	Peak	Vertical
*	12798.0	34.3	14.7	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8454.5	36.1	10.5	46.6	74.0	-27.4	Peak	Horizontal
*	10392.5	34.9	14.1	49.0	68.2	-19.2	Peak	Horizontal
	11404.0	34.6	15.3	49.9	74.0	-24.1	Peak	Horizontal
*	12755.5	35.3	14.7	50.0	68.2	-18.2	Peak	Horizontal
	8276.0	35.2	9.2	44.4	74.0	-29.6	Peak	Vertical
*	9559.5	37.0	11.7	48.7	68.2	-19.5	Peak	Vertical
	11404.0	37.2	15.3	52.5	74.0	-21.5	Peak	Vertical
*	12840.5	34.6	14.9	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ac-VHT20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8276.0	35.7	9.2	44.9	74.0	-29.1	Peak	Horizontal
*	9678.5	34.1	11.7	45.8	68.2	-22.4	Peak	Horizontal
	11191.5	32.3	15.2	47.5	74.0	-26.5	Peak	Horizontal
*	13129.5	33.8	15.7	49.5	68.2	-18.7	Peak	Horizontal
	8284.5	35.1	9.3	44.4	74.0	-29.6	Peak	Vertical
*	9942.0	33.7	13.3	47.0	68.2	-21.2	Peak	Vertical
	11438.0	35.6	15.3	50.9	74.0	-23.1	Peak	Vertical
*	13129.5	32.9	15.7	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8378.0	36.5	9.9	46.4	74.0	-27.6	Peak	Horizontal
*	9755.0	34.0	12.4	46.4	68.2	-21.8	Peak	Horizontal
	11489.4	39.9	15.7	55.6	74.0	-18.4	Peak	Horizontal
	11489.4	30.0	15.7	45.7	54.0	-8.3	Average	Horizontal
*	13138.0	34.1	15.8	49.9	68.2	-18.3	Peak	Horizontal
	11489.9	40.8	15.7	56.5	74.0	-17.5	Peak	Vertical
	11489.9	32.4	15.7	48.1	54.0	-5.9	Average	Vertical
*	12917.0	34.8	15.3	50.1	68.2	-18.1	Peak	Vertical
	15943.0	32.2	15.0	47.2	74.0	-26.8	Peak	Vertical
*	17235.0	41.0	19.8	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	2023-07-06 ~ 2023-07-07	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
	11573.6	40.5	15.6	56.1	74.0	-17.9	Peak	Horizontal
	11573.6	31.6	15.6	47.2	54.0	-6.8	Average	Horizontal
*	12900.0	32.3	14.8	47.1	68.2	-21.1	Peak	Horizontal
	15705.0	34.5	16.0	50.5	74.0	-23.5	Peak	Horizontal
*	17354.0	35.5	21.6	57.1	68.2	-11.1	Peak	Horizontal
	11570.4	39.8	15.6	55.4	74.0	-18.6	Peak	Vertical
	11570.4	30.3	15.6	45.9	54.0	-8.1	Average	Vertical
*	12840.5	32.2	14.9	47.1	68.2	-21.1	Peak	Vertical
	15569.0	32.3	16.3	48.6	74.0	-25.4	Peak	Vertical
*	17354.0	39.6	21.6	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	2023-07-06 ~ 2023-07-07	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
	11648.9	43.3	15.9	59.2	74.0	-14.8	Peak	Horizontal
	11648.9	33.0	15.9	48.9	54.0	-5.1	Average	Horizontal
*	12985.0	31.5	15.4	46.9	68.2	-21.3	Peak	Horizontal
	15730.5	32.0	15.9	47.9	74.0	-26.1	Peak	Horizontal
*	17473.0	35.5	21.4	56.9	68.2	-11.3	Peak	Horizontal
	11650.2	42.6	15.9	58.5	74.0	-15.5	Peak	Vertical
	11650.2	33.0	15.9	48.9	54.0	-5.1	Average	Vertical
*	12840.5	33.2	14.9	48.1	68.2	-20.1	Peak	Vertical
	15832.5	32.9	16.5	49.4	74.0	-24.6	Peak	Vertical
*	17464.5	40.4	20.9	61.3	68.2	-6.9	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	2023-07-06 ~ 2023-07-07	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
	8497.0	36.7	10.6	47.3	74.0	-26.7	Peak	Horizontal
*	10035.5	34.9	13.3	48.2	68.2	-20.0	Peak	Horizontal
	11387.0	34.7	15.2	49.9	74.0	-24.1	Peak	Horizontal
*	13010.5	32.2	15.4	47.6	68.2	-20.6	Peak	Horizontal
	8310.0	34.4	9.3	43.7	74.0	-30.3	Peak	Vertical
*	10384.0	36.7	14.1	50.8	68.2	-17.4	Peak	Vertical
	12220.0	34.3	15.0	49.3	74.0	-24.7	Peak	Vertical
*	13010.5	33.8	15.4	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8310.0	34.6	9.3	43.9	74.0	-30.1	Peak	Horizontal
*	9899.5	34.9	12.5	47.4	68.2	-20.8	Peak	Horizontal
	11081.0	35.3	16.1	51.4	74.0	-22.6	Peak	Horizontal
*	14804.0	35.8	18.8	54.6	68.2	-13.6	Peak	Horizontal
	11259.5	35.3	15.5	50.8	74.0	-23.2	Peak	Vertical
*	13087.0	34.0	15.2	49.2	68.2	-19.0	Peak	Vertical
	15696.5	37.7	15.7	53.4	74.0	-20.6	Peak	Vertical
*	16351.0	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	2023-07-06 ~ 2023-07-07	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
	8437.5	36.4	10.2	46.6	74.0	-27.4	Peak	Horizontal
*	9865.5	36.0	12.3	48.3	68.2	-19.9	Peak	Horizontal
	12143.5	34.0	15.2	49.2	74.0	-24.8	Peak	Horizontal
*	14141.0	36.8	17.6	54.4	68.2	-13.8	Peak	Horizontal
	8437.5	36.4	10.2	46.6	74.0	-27.4	Peak	Vertical
*	9993.0	33.4	12.9	46.3	68.2	-21.9	Peak	Vertical
	15812.9	36.6	16.2	52.8	74.0	-21.2	Peak	Vertical
	15812.9	27.1	16.2	43.3	54.0	-10.7	Average	Vertical
*	16393.5	32.6	16.5	49.1	68.2	-19.1	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8352.5	36.1	9.7	45.8	74.0	-28.2	Peak	Horizontal
*	9755.0	35.9	12.4	48.3	68.2	-19.9	Peak	Horizontal
	10817.5	36.0	14.8	50.8	74.0	-23.2	Peak	Horizontal
*	13061.5	33.8	15.6	49.4	68.2	-18.8	Peak	Horizontal
	11506.0	34.7	15.6	50.3	74.0	-23.7	Peak	Vertical
*	13010.5	32.4	15.4	47.8	68.2	-20.4	Peak	Vertical
	15928.8	36.8	15.2	52.0	74.0	-22.0	Peak	Vertical
	15928.8	27.5	15.2	42.7	54.0	-11.3	Average	Vertical
*	17345.5	35.4	21.6	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	2023-07-06 ~ 2023-07-07	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
	8352.5	36.4	9.7	46.1	74.0	-27.9	Peak	Horizontal
*	9942.0	36.1	13.3	49.4	68.2	-18.8	Peak	Horizontal
	11948.0	32.9	14.6	47.5	74.0	-26.5	Peak	Horizontal
*	12891.5	32.9	15.0	47.9	68.2	-20.3	Peak	Horizontal
	11021.5	36.2	15.0	51.2	74.0	-22.8	Peak	Vertical
*	12976.5	34.1	15.3	49.4	68.2	-18.8	Peak	Vertical
	15586.0	34.8	15.2	50.0	74.0	-24.0	Peak	Vertical
*	16532.3	35.9	17.2	53.1	68.2	-15.1	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ac-VHT40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8276.0	34.7	9.2	43.9	74.0	-30.1	Peak	Horizontal
*	9729.5	36.0	12.1	48.1	68.2	-20.1	Peak	Horizontal
	11276.5	33.4	15.5	48.9	74.0	-25.1	Peak	Horizontal
*	16631.5	35.6	17.8	53.4	68.2	-14.8	Peak	Horizontal
	11098.0	37.8	15.2	53.0	74.0	-21.0	Peak	Vertical
*	13070.0	33.8	15.8	49.6	68.2	-18.6	Peak	Vertical
	15492.5	33.5	17.0	50.5	74.0	-23.5	Peak	Vertical
*	16650.3	37.7	18.0	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	2023-07-06 ~ 2023-07-07	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
	8327.0	35.6	9.3	44.9	74.0	-29.1	Peak	Horizontal
*	10384.0	34.6	14.1	48.7	68.2	-19.5	Peak	Horizontal
	11693.0	34.1	15.5	49.6	74.0	-24.4	Peak	Horizontal
*	12942.5	33.4	15.6	49.0	68.2	-19.2	Peak	Horizontal
	8344.0	34.8	9.6	44.4	74.0	-29.6	Peak	Vertical
*	10120.5	33.9	13.1	47.0	68.2	-21.2	Peak	Vertical
	11285.0	33.4	15.5	48.9	74.0	-25.1	Peak	Vertical
*	12985.0	31.7	15.4	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	Test Mode	802.11ac-VHT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8386.5	36.4	9.8	46.2	74.0	-27.8	Peak	Horizontal
*	10392.5	35.3	14.1	49.4	68.2	-18.8	Peak	Horizontal
	11429.5	35.2	15.5	50.7	74.0	-23.3	Peak	Horizontal
*	13019.0	32.0	15.4	47.4	68.2	-20.8	Peak	Horizontal
	8242.0	34.4	9.0	43.4	74.0	-30.6	Peak	Vertical
*	10171.5	34.2	12.9	47.1	68.2	-21.1	Peak	Vertical
	11412.5	35.8	15.5	51.3	74.0	-22.7	Peak	Vertical
*	13138.0	33.4	15.8	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8352.5	36.3	9.7	46.0	74.0	-28.0	Peak	Horizontal
*	10001.5	35.7	13.0	48.7	68.2	-19.5	Peak	Horizontal
	11506.0	37.0	15.6	52.6	74.0	-21.4	Peak	Horizontal
*	12891.5	32.8	15.0	47.8	68.2	-20.4	Peak	Horizontal
	8361.0	35.5	9.7	45.2	74.0	-28.8	Peak	Vertical
*	9814.5	34.5	12.5	47.0	68.2	-21.2	Peak	Vertical
	11506.0	35.9	15.6	51.5	74.0	-22.5	Peak	Vertical
*	13044.5	31.7	15.5	47.2	68.2	-21.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	11596.1	38.3	15.7	54.0	74.0	-20.0	Peak	Horizontal
	11596.1	28.3	15.7	44.0	54.0	-10.0	Average	Horizontal
*	12840.5	33.1	14.9	48.0	68.2	-20.2	Peak	Horizontal
	15560.5	33.5	16.5	50.0	74.0	-24.0	Peak	Horizontal
*	16750.5	32.0	18.0	50.0	68.2	-18.2	Peak	Horizontal
	8403.5	36.4	9.8	46.2	74.0	-27.8	Peak	Vertical
*	9831.5	36.0	12.6	48.6	68.2	-19.6	Peak	Vertical
	11599.5	36.6	15.8	52.4	74.0	-21.6	Peak	Vertical
*	12908.5	33.9	15.1	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8242.0	34.5	9.0	43.5	74.0	-30.5	Peak	Horizontal
*	10120.5	33.6	13.1	46.7	68.2	-21.5	Peak	Horizontal
	10970.5	35.7	15.1	50.8	74.0	-23.2	Peak	Horizontal
*	12951.0	34.2	15.6	49.8	68.2	-18.4	Peak	Horizontal
	8352.5	36.1	9.7	45.8	74.0	-28.2	Peak	Vertical
*	9984.5	36.4	12.8	49.2	68.2	-19.0	Peak	Vertical
	11149.0	36.0	15.4	51.4	74.0	-22.6	Peak	Vertical
*	12951.0	33.0	15.6	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	7426.0	36.2	10.4	46.6	74.0	-27.4	Peak	Horizontal
*	8735.0	35.1	12.2	47.3	68.2	-20.9	Peak	Horizontal
	10962.0	35.4	15.3	50.7	74.0	-23.3	Peak	Horizontal
*	13138.0	33.5	15.8	49.3	68.2	-18.9	Peak	Horizontal
	8140.0	36.6	9.0	45.6	74.0	-28.4	Peak	Vertical
*	10205.5	34.4	12.7	47.1	68.2	-21.1	Peak	Vertical
	11480.5	34.1	15.7	49.8	74.0	-24.2	Peak	Vertical
*	12968.0	34.0	15.3	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	2023-07-06 ~ 2023-07-07	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
	8446.0	36.0	10.5	46.5	74.0	-27.5	Peak	Horizontal
*	10392.5	35.1	14.1	49.2	68.2	-19.0	Peak	Horizontal
	11038.5	35.1	15.1	50.2	74.0	-23.8	Peak	Horizontal
*	13129.5	33.7	15.7	49.4	68.2	-18.8	Peak	Horizontal
	8335.5	35.9	9.4	45.3	74.0	-28.7	Peak	Vertical
*	9789.0	35.7	12.3	48.0	68.2	-20.2	Peak	Vertical
	11081.0	35.0	16.1	51.1	74.0	-22.9	Peak	Vertical
*	12951.0	34.0	15.6	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	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
	8361.0	36.3	9.7	46.0	74.0	-28.0	Peak	Horizontal
*	10069.5	33.8	12.8	46.6	68.2	-21.6	Peak	Horizontal
	10783.5	33.8	14.5	48.3	74.0	-25.7	Peak	Horizontal
*	12823.5	34.0	14.7	48.7	68.2	-19.5	Peak	Horizontal
	8437.5	36.8	10.2	47.0	74.0	-27.0	Peak	Vertical
*	9882.5	35.2	12.8	48.0	68.2	-20.2	Peak	Vertical
	11225.5	35.3	15.8	51.1	74.0	-22.9	Peak	Vertical
*	12934.0	33.3	15.7	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	Test Mode	802.11ac-VHT80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8352.5	35.7	9.7	45.4	74.0	-28.6	Peak	Horizontal
*	10537.0	35.8	13.7	49.5	68.2	-18.7	Peak	Horizontal
	11429.5	33.7	15.5	49.2	74.0	-24.8	Peak	Horizontal
*	12857.5	32.8	15.2	48.0	68.2	-20.2	Peak	Horizontal
	8242.0	34.8	9.0	43.8	74.0	-30.2	Peak	Vertical
*	9993.0	34.6	12.9	47.5	68.2	-20.7	Peak	Vertical
	15926.0	34.0	15.2	49.2	74.0	-24.8	Peak	Vertical
*	17065.0	36.6	19.9	56.5	68.2	-11.7	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	2023-07-06 ~ 2023-07-07	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
	11549.1	36.4	15.7	52.1	74.0	-21.9	Peak	Horizontal
	11549.1	27.3	15.7	43.0	54.0	-11.0	Average	Horizontal
*	12968.0	34.3	15.3	49.6	68.2	-18.6	Peak	Horizontal
	15645.5	34.5	15.8	50.3	74.0	-23.7	Peak	Horizontal
*	16529.5	33.0	17.4	50.4	68.2	-17.8	Peak	Horizontal
	8216.5	36.1	9.1	45.2	74.0	-28.8	Peak	Vertical
*	9891.0	35.8	12.8	48.6	68.2	-19.6	Peak	Vertical
	11548.5	37.3	15.7	53.0	74.0	-21.0	Peak	Vertical
*	12993.5	34.4	15.4	49.8	68.2	-18.4	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – 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
	8437.5	36.3	10.2	46.5	74.0	-27.5	Peak	Horizontal
*	10358.5	37.1	13.8	50.9	68.2	-17.3	Peak	Horizontal
	15543.8	35.7	16.6	52.3	74.0	-21.7	Peak	Horizontal
	15543.8	26.4	16.6	43.0	54.0	-11.0	Average	Horizontal
*	16453.0	33.2	16.6	49.8	68.2	-18.4	Peak	Horizontal
	8429.0	35.3	10.0	45.3	74.0	-28.7	Peak	Vertical
*	10358.5	42.8	13.8	56.6	68.2	-11.6	Peak	Vertical
	15540.5	39.8	16.7	56.5	74.0	-17.5	Peak	Vertical
	15540.5	30.8	16.7	47.5	54.0	-6.5	Average	Vertical
*	16427.5	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8301.5	36.7	9.3	46.0	74.0	-28.0	Peak	Horizontal
*	10443.5	38.9	13.7	52.6	68.2	-15.6	Peak	Horizontal
	15658.0	37.8	15.3	53.1	74.0	-20.9	Peak	Horizontal
	15658.0	27.5	15.3	42.8	54.0	-11.2	Average	Horizontal
*	16572.0	32.5	16.8	49.3	68.2	-18.9	Peak	Horizontal
	8361.0	35.9	9.7	45.6	74.0	-28.4	Peak	Vertical
*	10443.5	40.7	13.7	54.4	68.2	-13.8	Peak	Vertical
	15655.8	40.7	15.3	56.0	74.0	-18.0	Peak	Vertical
	15655.8	30.5	15.3	45.8	54.0	-8.2	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8293.0	34.7	9.3	44.0	74.0	-30.0	Peak	Horizontal
*	10477.5	37.7	14.2	51.9	68.2	-16.3	Peak	Horizontal
	15723.8	36.1	15.8	51.9	74.0	-22.1	Peak	Horizontal
	15723.8	27.1	15.8	42.9	54.0	-11.1	Average	Horizontal
*	16495.5	32.7	16.2	48.9	68.2	-19.3	Peak	Horizontal
	8165.5	35.5	9.0	44.5	74.0	-29.5	Peak	Vertical
*	10477.5	41.0	14.2	55.2	68.2	-13.0	Peak	Vertical
	15720.8	41.3	15.8	57.1	74.0	-16.9	Peak	Vertical
	15720.8	31.1	15.8	46.9	54.0	-7.1	Average	Vertical
*	16291.5	32.3	15.6	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – 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
	8369.5	36.2	9.8	46.0	74.0	-28.0	Peak	Horizontal
*	10239.5	35.2	13.0	48.2	68.2	-20.0	Peak	Horizontal
	11769.5	35.1	15.0	50.1	74.0	-23.9	Peak	Horizontal
*	12951.0	33.2	15.6	48.8	68.2	-19.4	Peak	Horizontal
	8335.5	37.4	9.4	46.8	74.0	-27.2	Peak	Vertical
*	10052.5	35.0	13.2	48.2	68.2	-20.0	Peak	Vertical
	11480.5	35.0	15.7	50.7	74.0	-23.3	Peak	Vertical
*	12840.5	32.8	14.9	47.7	68.2	-20.5	Peak	Vertical

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

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – 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
	7604.5	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
*	10120.5	33.9	13.1	47.0	68.2	-21.2	Peak	Horizontal
	11608.0	34.2	16.0	50.2	74.0	-23.8	Peak	Horizontal
*	12993.5	33.0	15.4	48.4	68.2	-19.8	Peak	Horizontal
	8199.5	36.0	9.2	45.2	74.0	-28.8	Peak	Vertical
*	10214.0	34.5	12.9	47.4	68.2	-20.8	Peak	Vertical
	11650.5	34.3	15.9	50.2	74.0	-23.8	Peak	Vertical
*	12959.5	33.2	15.5	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – 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
	8276.0	35.7	9.2	44.9	74.0	-29.1	Peak	Horizontal
*	9823.0	35.7	12.5	48.2	68.2	-20.0	Peak	Horizontal
	11684.5	34.7	15.4	50.1	74.0	-23.9	Peak	Horizontal
*	13070.0	34.1	15.8	49.9	68.2	-18.3	Peak	Horizontal
	11667.5	34.4	15.5	49.9	74.0	-24.1	Peak	Vertical
*	12849.0	33.7	15.0	48.7	68.2	-19.5	Peak	Vertical
	15963.8	36.2	15.3	51.5	74.0	-22.5	Peak	Vertical
	15963.8	26.5	15.3	41.8	54.0	-12.2	Average	Vertical
*	16495.5	33.2	16.2	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – 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
	7468.5	34.4	10.2	44.6	74.0	-29.4	Peak	Horizontal
*	8752.0	33.9	12.3	46.2	68.2	-22.0	Peak	Horizontal
	11582.5	32.2	15.6	47.8	74.0	-26.2	Peak	Horizontal
*	12900.0	33.1	14.8	47.9	68.2	-20.3	Peak	Horizontal
	10996.0	38.4	14.6	53.0	74.0	-21.0	Peak	Vertical
*	12985.0	31.9	15.4	47.3	68.2	-20.9	Peak	Vertical
	15560.5	32.0	16.5	48.5	74.0	-25.5	Peak	Vertical
*	16274.5	32.2	16.0	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – 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
	8318.5	34.4	9.3	43.7	74.0	-30.3	Peak	Horizontal
*	10010.0	34.7	13.0	47.7	68.2	-20.5	Peak	Horizontal
	11157.5	36.1	15.5	51.6	74.0	-22.4	Peak	Horizontal
*	13095.5	34.2	15.3	49.5	68.2	-18.7	Peak	Horizontal
	8199.5	37.2	9.2	46.4	74.0	-27.6	Peak	Vertical
*	9942.0	34.7	13.3	48.0	68.2	-20.2	Peak	Vertical
	11166.0	36.6	15.5	52.1	74.0	-21.9	Peak	Vertical
*	12781.0	33.7	14.8	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – 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
	8429.0	36.2	10.0	46.2	74.0	-27.8	Peak	Horizontal
*	10146.0	35.4	13.2	48.6	68.2	-19.6	Peak	Horizontal
	11140.5	34.8	15.4	50.2	74.0	-23.8	Peak	Horizontal
*	12857.5	33.5	15.2	48.7	68.2	-19.5	Peak	Horizontal
	12075.5	33.2	15.0	48.2	74.0	-25.8	Peak	Vertical
*	12951.0	32.3	15.6	47.9	68.2	-20.3	Peak	Vertical
	15433.0	34.2	18.1	52.3	74.0	-21.7	Peak	Vertical
*	16495.5	32.5	16.2	48.7	68.2	-19.5	Peak	Vertical

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

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8199.5	35.6	9.2	44.8	74.0	-29.2	Peak	Horizontal
*	9755.0	36.3	12.4	48.7	68.2	-19.5	Peak	Horizontal
	10970.5	35.1	15.1	50.2	74.0	-23.8	Peak	Horizontal
*	12934.0	33.8	15.7	49.5	68.2	-18.7	Peak	Horizontal
	8352.5	35.6	9.7	45.3	74.0	-28.7	Peak	Vertical
*	9755.0	35.3	12.4	47.7	68.2	-20.5	Peak	Vertical
	11438.0	35.8	15.3	51.1	74.0	-22.9	Peak	Vertical
*	12789.5	34.6	14.8	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	11491.7	38.6	15.7	54.3	74.0	-19.7	Peak	Horizontal
	11491.7	29.7	15.7	45.4	54.0	-8.6	Average	Horizontal
*	12840.5	33.6	14.9	48.5	68.2	-19.7	Peak	Horizontal
	15824.0	32.8	16.6	49.4	74.0	-24.6	Peak	Horizontal
*	17235.0	37.5	19.8	57.3	68.2	-10.9	Peak	Horizontal
	11493.3	40.8	15.7	56.5	74.0	-17.5	Peak	Vertical
	11493.3	31.5	15.7	47.2	54.0	-6.8	Average	Vertical
*	12789.5	33.9	14.8	48.7	68.2	-19.5	Peak	Vertical
	15807.0	32.0	16.0	48.0	74.0	-26.0	Peak	Vertical
*	17235.0	41.2	19.8	61.0	68.2	-7.2	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	11570.8	39.5	15.6	55.1	74.0	-18.9	Peak	Horizontal
	11570.8	30.4	15.6	46.0	54.0	-8.0	Average	Horizontal
*	12976.5	32.5	15.3	47.8	68.2	-20.4	Peak	Horizontal
	15815.5	33.5	16.3	49.8	74.0	-24.2	Peak	Horizontal
*	17354.0	35.1	21.6	56.7	68.2	-11.5	Peak	Horizontal
	11572.9	40.1	15.6	55.7	74.0	-18.3	Peak	Vertical
	11572.9	30.8	15.6	46.4	54.0	-7.6	Average	Vertical
*	13019.0	33.5	15.4	48.9	68.2	-19.3	Peak	Vertical
	15790.0	32.2	15.9	48.1	74.0	-25.9	Peak	Vertical
*	17354.0	39.0	21.6	60.6	68.2	-7.6	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	11651.1	40.5	15.8	56.3	74.0	-17.7	Peak	Horizontal
	11651.1	31.8	15.8	47.6	54.0	-6.4	Average	Horizontal
*	12840.5	33.3	14.9	48.2	68.2	-20.0	Peak	Horizontal
	15713.5	33.2	15.9	49.1	74.0	-24.9	Peak	Horizontal
*	17473.0	35.0	21.4	56.4	68.2	-11.8	Peak	Horizontal
	11647.4	41.0	15.9	56.9	74.0	-17.1	Peak	Vertical
	11647.4	31.1	15.9	47.0	54.0	-7.0	Average	Vertical
*	13078.5	32.0	15.5	47.5	68.2	-20.7	Peak	Vertical
	15917.5	32.1	15.8	47.9	74.0	-26.1	Peak	Vertical
*	17473.0	37.6	21.4	59.0	68.2	-9.2	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8352.5	35.6	9.7	45.3	74.0	-28.7	Peak	Horizontal
*	9908.0	36.4	12.1	48.5	68.2	-19.7	Peak	Horizontal
	11149.0	34.7	15.4	50.1	74.0	-23.9	Peak	Horizontal
*	13019.0	33.2	15.4	48.6	68.2	-19.6	Peak	Horizontal
	8437.5	36.7	10.2	46.9	74.0	-27.1	Peak	Vertical
*	9993.0	34.5	12.9	47.4	68.2	-20.8	Peak	Vertical
	11404.0	34.7	15.3	50.0	74.0	-24.0	Peak	Vertical
*	12866.0	34.2	15.3	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8386.5	34.2	9.8	44.0	74.0	-30.0	Peak	Horizontal
*	10367.0	33.6	13.8	47.4	68.2	-20.8	Peak	Horizontal
	12152.0	34.7	15.3	50.0	74.0	-24.0	Peak	Horizontal
*	12934.0	33.9	15.7	49.6	68.2	-18.6	Peak	Horizontal
	8429.0	36.3	10.0	46.3	74.0	-27.7	Peak	Vertical
*	10460.5	40.5	14.0	54.5	68.2	-13.7	Peak	Vertical
	15695.7	37.4	15.6	53.0	74.0	-21.0	Peak	Vertical
	15695.7	28.6	15.6	44.2	54.0	-9.8	Average	Vertical
*	16427.5	33.8	17.0	50.8	68.2	-17.4	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – 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
	8352.5	35.5	9.7	45.2	74.0	-28.8	Peak	Horizontal
*	10282.0	34.6	13.8	48.4	68.2	-19.8	Peak	Horizontal
	11523.0	34.2	15.5	49.7	74.0	-24.3	Peak	Horizontal
*	12951.0	32.4	15.6	48.0	68.2	-20.2	Peak	Horizontal
	10894.0	35.8	15.0	50.8	74.0	-23.2	Peak	Vertical
*	13070.0	33.6	15.8	49.4	68.2	-18.8	Peak	Vertical
	15813.7	37.3	16.2	53.5	74.0	-20.5	Peak	Vertical
	15813.7	29.2	16.2	45.4	54.0	-8.6	Average	Vertical
*	16504.0	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – 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
	8310.0	36.5	9.3	45.8	74.0	-28.2	Peak	Horizontal
*	10477.5	36.0	14.2	50.2	68.2	-18.0	Peak	Horizontal
	11557.0	33.8	15.9	49.7	74.0	-24.3	Peak	Horizontal
*	12959.5	33.9	15.5	49.4	68.2	-18.8	Peak	Horizontal
	8446.0	36.5	10.5	47.0	74.0	-27.0	Peak	Vertical
*	9814.5	35.1	12.5	47.6	68.2	-20.6	Peak	Vertical
	11064.0	34.5	15.8	50.3	74.0	-23.7	Peak	Vertical
*	13027.5	33.2	15.6	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – 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
	8352.5	36.4	9.7	46.1	74.0	-27.9	Peak	Horizontal
*	9891.0	35.4	12.8	48.2	68.2	-20.0	Peak	Horizontal
	11659.0	34.3	15.7	50.0	74.0	-24.0	Peak	Horizontal
*	13027.5	33.9	15.6	49.5	68.2	-18.7	Peak	Horizontal
	11030.0	36.9	15.2	52.1	74.0	-21.9	Peak	Vertical
*	12874.5	32.8	15.3	48.1	68.2	-20.1	Peak	Vertical
	15747.5	33.7	15.8	49.5	74.0	-24.5	Peak	Vertical
*	16521.0	37.7	17.8	55.5	68.2	-12.7	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11106.5	37.2	15.2	52.4	74.0	-21.6	Peak	Horizontal
*	13095.5	32.3	15.3	47.6	68.2	-20.6	Peak	Horizontal
	15620.0	33.2	16.0	49.2	74.0	-24.8	Peak	Horizontal
*	16657.0	35.6	18.2	53.8	68.2	-14.4	Peak	Horizontal
	11098.0	37.2	15.2	52.4	74.0	-21.6	Peak	Vertical
*	12891.5	33.2	15.0	48.2	68.2	-20.0	Peak	Vertical
	15501.0	32.6	16.9	49.5	74.0	-24.5	Peak	Vertical
*	16631.5	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – 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
	11336.0	34.7	15.2	49.9	74.0	-24.1	Peak	Horizontal
*	13104.0	31.6	15.4	47.0	68.2	-21.2	Peak	Horizontal
	15560.5	32.4	16.5	48.9	74.0	-25.1	Peak	Horizontal
*	17218.0	34.3	20.2	54.5	68.2	-13.7	Peak	Horizontal
	8446.0	35.9	10.5	46.4	74.0	-27.6	Peak	Vertical
*	10146.0	35.1	13.2	48.3	68.2	-19.9	Peak	Vertical
	12126.5	36.1	14.9	51.0	74.0	-23.0	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8182.5	35.7	9.1	44.8	74.0	-29.2	Peak	Horizontal
*	9678.5	34.0	11.7	45.7	68.2	-22.5	Peak	Horizontal
	11072.5	35.5	15.9	51.4	74.0	-22.6	Peak	Horizontal
*	13138.0	33.7	15.8	49.5	68.2	-18.7	Peak	Horizontal
	11421.0	36.3	15.7	52.0	74.0	-22.0	Peak	Vertical
*	12900.0	34.9	14.8	49.7	68.2	-18.5	Peak	Vertical
	15747.5	34.7	15.8	50.5	74.0	-23.5	Peak	Vertical
*	17337.0	34.0	21.5	55.5	68.2	-12.7	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11506.0	36.7	15.6	52.3	74.0	-21.7	Peak	Horizontal
*	12917.0	33.1	15.3	48.4	68.2	-19.8	Peak	Horizontal
	15705.0	33.7	16.0	49.7	74.0	-24.3	Peak	Horizontal
*	17243.5	35.7	20.0	55.7	68.2	-12.5	Peak	Horizontal
	11514.5	37.8	15.5	53.3	74.0	-20.7	Peak	Vertical
*	13010.5	32.0	15.4	47.4	68.2	-20.8	Peak	Vertical
	15849.5	32.1	16.0	48.1	74.0	-25.9	Peak	Vertical
*	17252.0	36.1	20.2	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11599.5	37.5	15.8	53.3	74.0	-20.7	Peak	Horizontal
*	13129.5	34.1	15.7	49.8	68.2	-18.4	Peak	Horizontal
	15645.5	33.7	15.8	49.5	74.0	-24.5	Peak	Horizontal
*	17405.0	34.2	21.8	56.0	68.2	-12.2	Peak	Horizontal
	11599.5	38.0	15.8	53.8	74.0	-20.2	Peak	Vertical
*	13129.5	33.2	15.7	48.9	68.2	-19.3	Peak	Vertical
	16444.5	34.8	17.0	51.8	68.2	-16.4	Peak	Vertical
*	17371.0	36.3	20.8	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11217.0	34.7	16.0	50.7	74.0	-23.3	Peak	Horizontal
*	13214.5	33.9	15.7	49.6	68.2	-18.6	Peak	Horizontal
	15722.0	33.4	15.8	49.2	74.0	-24.8	Peak	Horizontal
*	16359.5	34.2	17.3	51.5	68.2	-16.7	Peak	Horizontal
	8242.0	34.9	9.0	43.9	74.0	-30.1	Peak	Vertical
*	10205.5	36.1	12.7	48.8	68.2	-19.4	Peak	Vertical
	11174.5	33.2	15.2	48.4	74.0	-25.6	Peak	Vertical
*	12951.0	32.9	15.6	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE80 – 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
	8361.0	36.5	9.7	46.2	74.0	-27.8	Peak	Horizontal
*	10469.0	34.8	14.1	48.9	68.2	-19.3	Peak	Horizontal
	11599.5	33.7	15.8	49.5	74.0	-24.5	Peak	Horizontal
*	13129.5	33.8	15.7	49.5	68.2	-18.7	Peak	Horizontal
	12152.0	34.5	15.3	49.8	74.0	-24.2	Peak	Vertical
*	13138.0	33.9	15.8	49.7	68.2	-18.5	Peak	Vertical
	15900.5	36.6	16.6	53.2	74.0	-20.8	Peak	Vertical
*	16436.0	33.0	17.4	50.4	68.2	-17.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in 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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE80 – 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
	8208.0	36.0	9.2	45.2	74.0	-28.8	Peak	Horizontal
*	10545.5	36.7	13.8	50.5	68.2	-17.7	Peak	Horizontal
	11769.5	35.2	15.0	50.2	74.0	-23.8	Peak	Horizontal
*	12959.5	33.2	15.5	48.7	68.2	-19.5	Peak	Horizontal
	11030.0	36.3	15.2	51.5	74.0	-22.5	Peak	Vertical
*	12866.0	34.5	15.3	49.8	68.2	-18.4	Peak	Vertical
	15892.0	34.4	16.7	51.1	74.0	-22.9	Peak	Vertical
*	16623.0	37.4	17.9	55.3	68.2	-12.9	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE80 – 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
	8344.0	35.9	9.6	45.5	74.0	-28.5	Peak	Horizontal
*	9865.5	36.1	12.3	48.4	68.2	-19.8	Peak	Horizontal
	11701.5	35.8	15.2	51.0	74.0	-23.0	Peak	Horizontal
*	12891.5	32.7	15.0	47.7	68.2	-20.5	Peak	Horizontal
	11234.0	35.1	15.5	50.6	74.0	-23.4	Peak	Vertical
*	13036.0	33.2	15.7	48.9	68.2	-19.3	Peak	Vertical
	15560.5	32.5	16.5	49.0	74.0	-25.0	Peak	Vertical
*	16844.0	37.9	18.1	56.0	68.2	-12.2	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8242.0	34.9	9.0	43.9	74.0	-30.1	Peak	Horizontal
*	10401.0	34.1	14.1	48.2	68.2	-20.0	Peak	Horizontal
	11982.0	34.9	14.7	49.6	74.0	-24.4	Peak	Horizontal
*	12951.0	33.6	15.6	49.2	68.2	-19.0	Peak	Horizontal
	11701.5	34.4	15.2	49.6	74.0	-24.4	Peak	Vertical
*	13146.5	34.2	15.7	49.9	68.2	-18.3	Peak	Vertical
	15900.5	32.3	16.6	48.9	74.0	-25.1	Peak	Vertical
*	17065.0	36.1	19.9	56.0	68.2	-12.2	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	2023-07-06 ~ 2023-07-07	Test Mode	802.11ax-HE80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11565.5	36.7	15.7	52.4	74.0	-21.6	Peak	Horizontal
*	13010.5	34.0	15.4	49.4	68.2	-18.8	Peak	Horizontal
	15781.5	33.1	16.0	49.1	74.0	-24.9	Peak	Horizontal
*	17345.5	33.4	21.6	55.0	68.2	-13.2	Peak	Horizontal
	11557.0	35.9	15.9	51.8	74.0	-22.2	Peak	Vertical
*	12781.0	34.4	14.8	49.2	68.2	-19.0	Peak	Vertical
	15773.0	32.3	16.1	48.4	74.0	-25.6	Peak	Vertical
*	17354.0	34.7	21.6	56.3	68.2	-11.9	Peak	Vertical

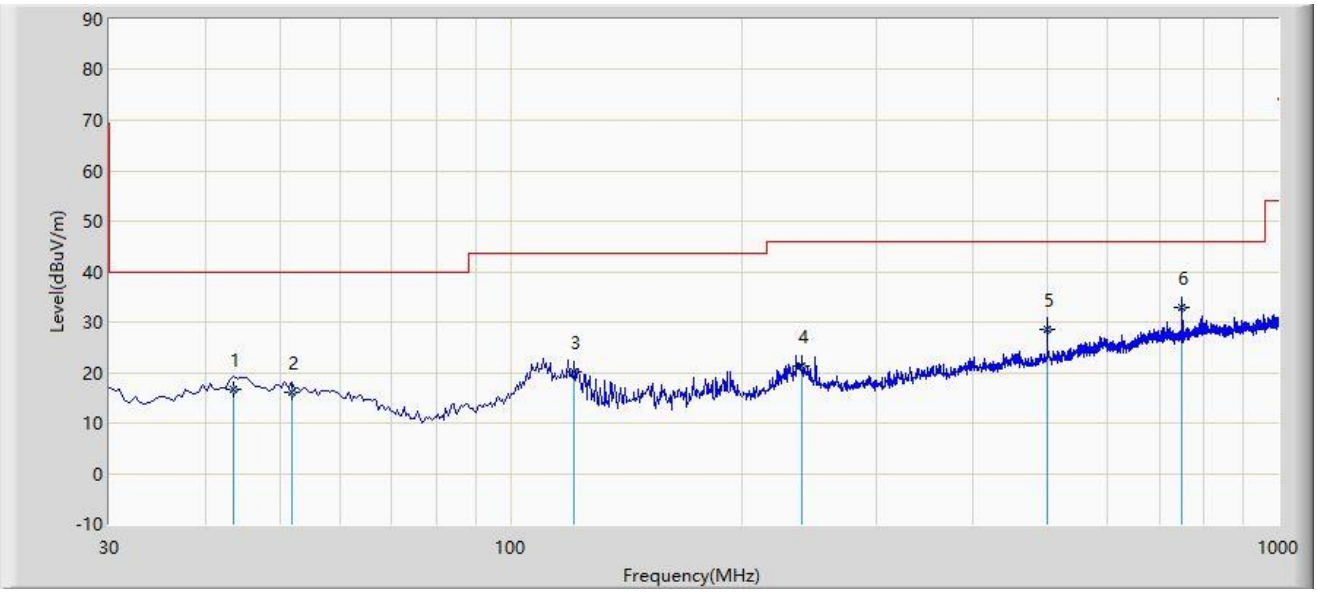
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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: 2023-07-06
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		43.580	16.744	-1.300	-23.256	40.000	18.044	QP
2		51.825	16.212	-2.300	-23.788	40.000	18.512	QP
3		120.695	20.209	5.740	-23.291	43.500	14.469	QP
4		240.005	21.429	4.340	-24.571	46.000	17.089	QP
5		499.965	28.663	5.790	-17.337	46.000	22.873	QP
6	*	750.225	33.032	6.300	-12.968	46.000	26.732	QP

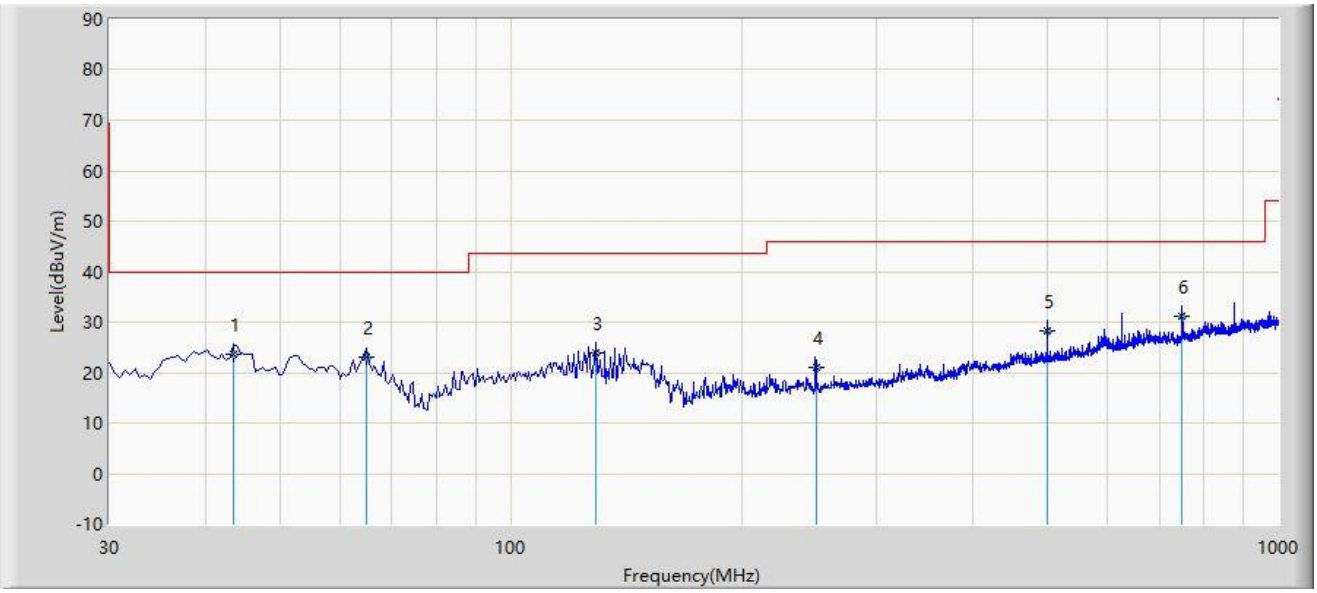
Note 1: " * ", means this data is the worst emission level.

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: 2023-07-06
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		43.580	23.684	5.640	-16.316	40.000	18.044	QP
2		64.920	22.900	7.060	-17.100	40.000	15.840	QP
3		128.940	23.824	10.360	-19.676	43.500	13.464	QP
4		250.000	21.105	3.600	-24.895	46.000	17.505	QP
5		499.965	28.253	5.380	-17.747	46.000	22.873	QP
6	*	750.225	31.062	4.330	-14.938	46.000	26.732	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.7 Radiated Restricted Band Edge Test Result

Site: NS-AC1	Test Date: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

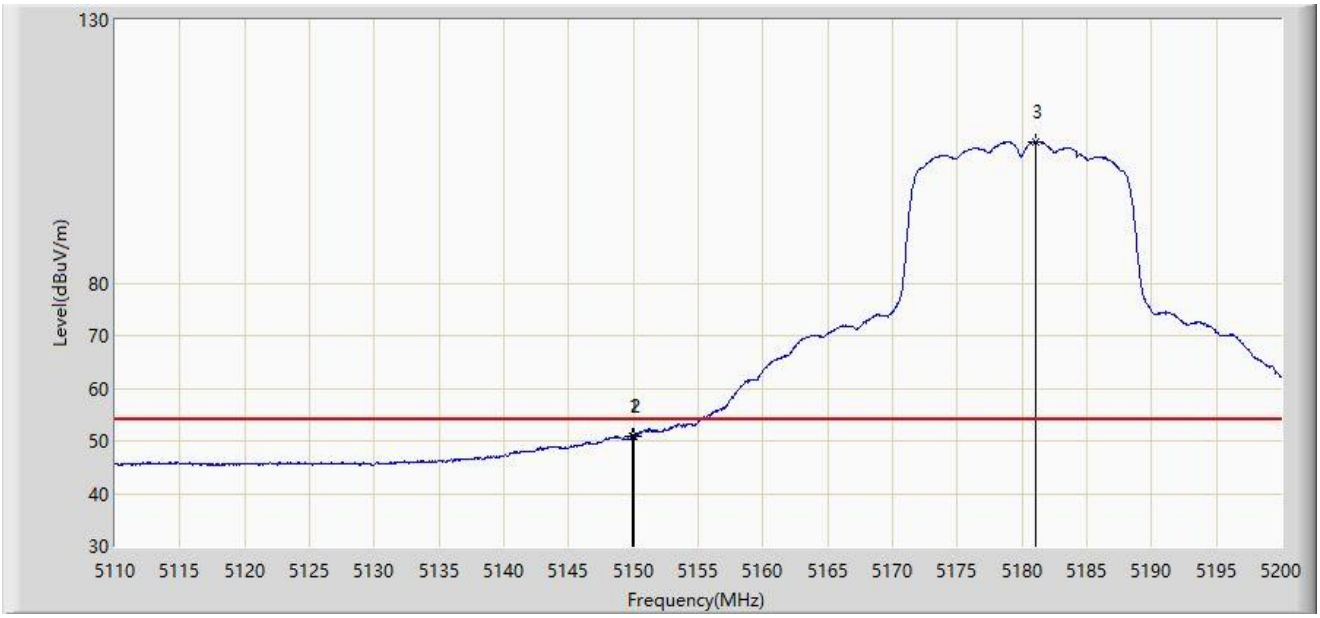
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5146.360	66.510	63.973	-7.490	74.000	2.537	PK
2		5150.000	63.212	60.653	-10.788	74.000	2.559	PK
3		5181.280	114.055	112.131	N/A	N/A	1.924	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.870	50.820	48.260	-3.180	54.000	2.560	AV
2		5150.000	50.816	48.257	-3.184	54.000	2.559	AV
3		5181.055	106.871	104.939	N/A	N/A	1.931	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.790	59.868	57.300	-14.132	74.000	2.568	PK
2		5150.000	57.251	54.692	-16.749	74.000	2.559	PK
3		5181.325	106.088	104.165	N/A	N/A	1.923	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

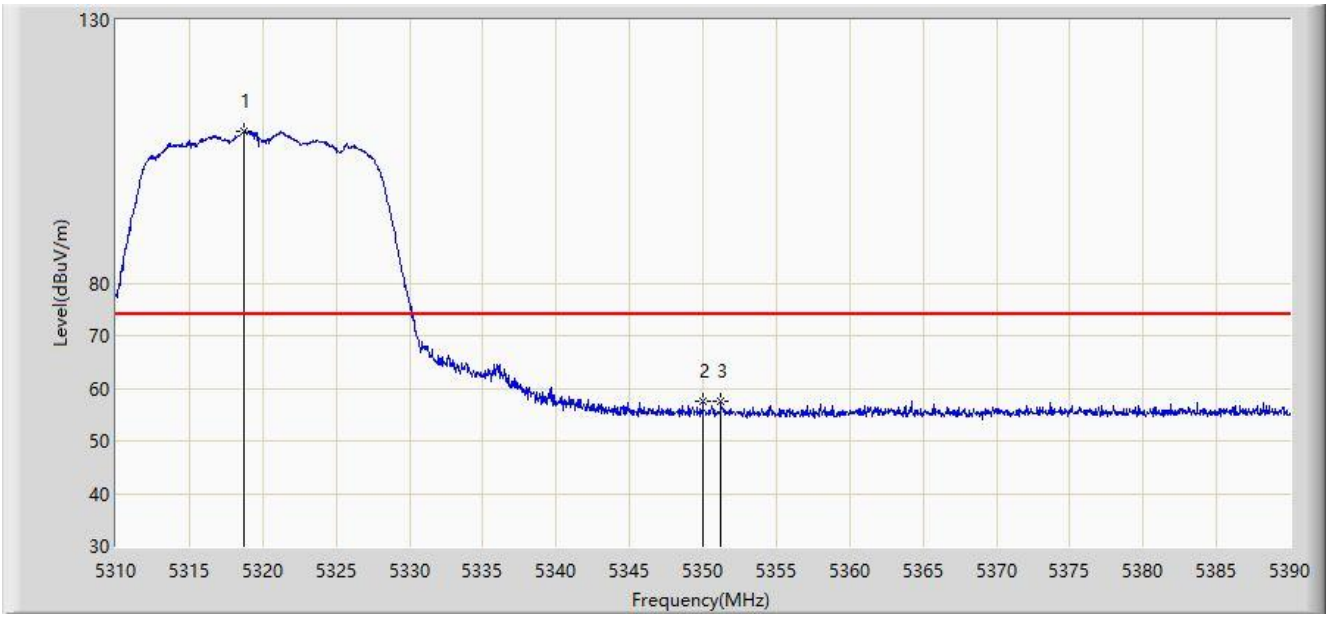
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.510	47.424	44.861	-6.576	54.000	2.563	AV
2		5150.000	47.308	44.749	-6.692	54.000	2.559	AV
3		5179.300	98.155	96.166	N/A	N/A	1.988	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



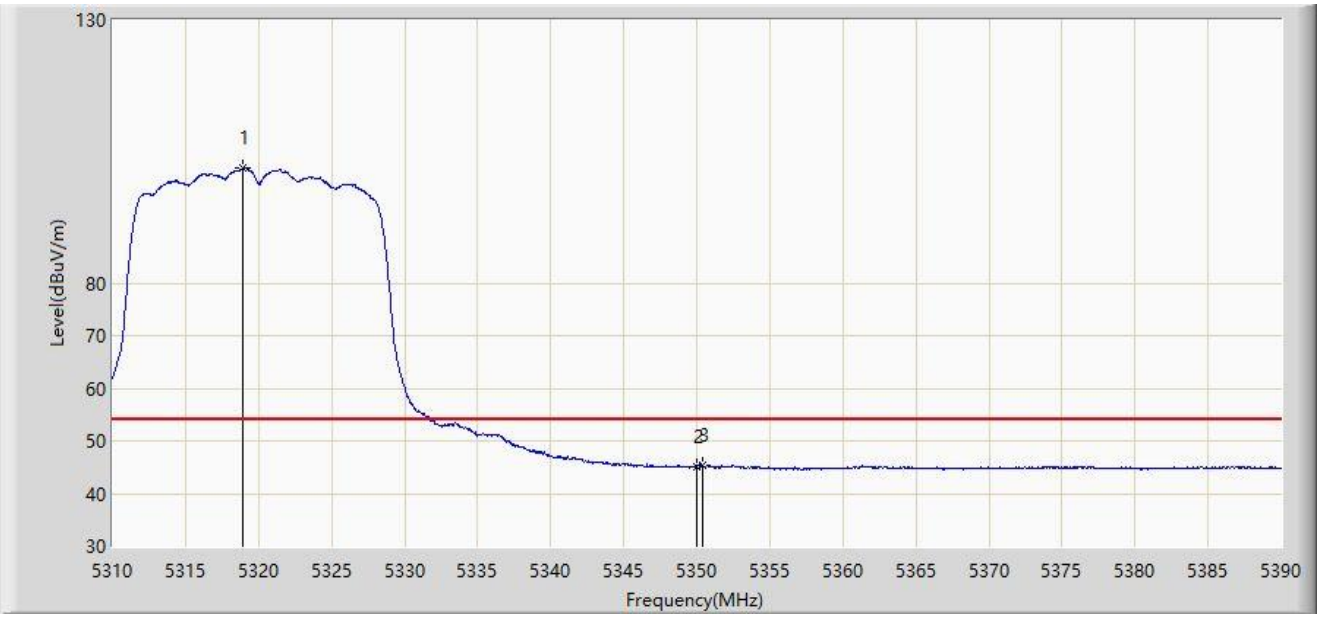
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.680	108.768	107.215	N/A	N/A	1.553	PK
2		5350.000	57.441	55.931	-16.559	74.000	1.510	PK
3	*	5351.200	57.460	55.952	-16.540	74.000	1.508	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



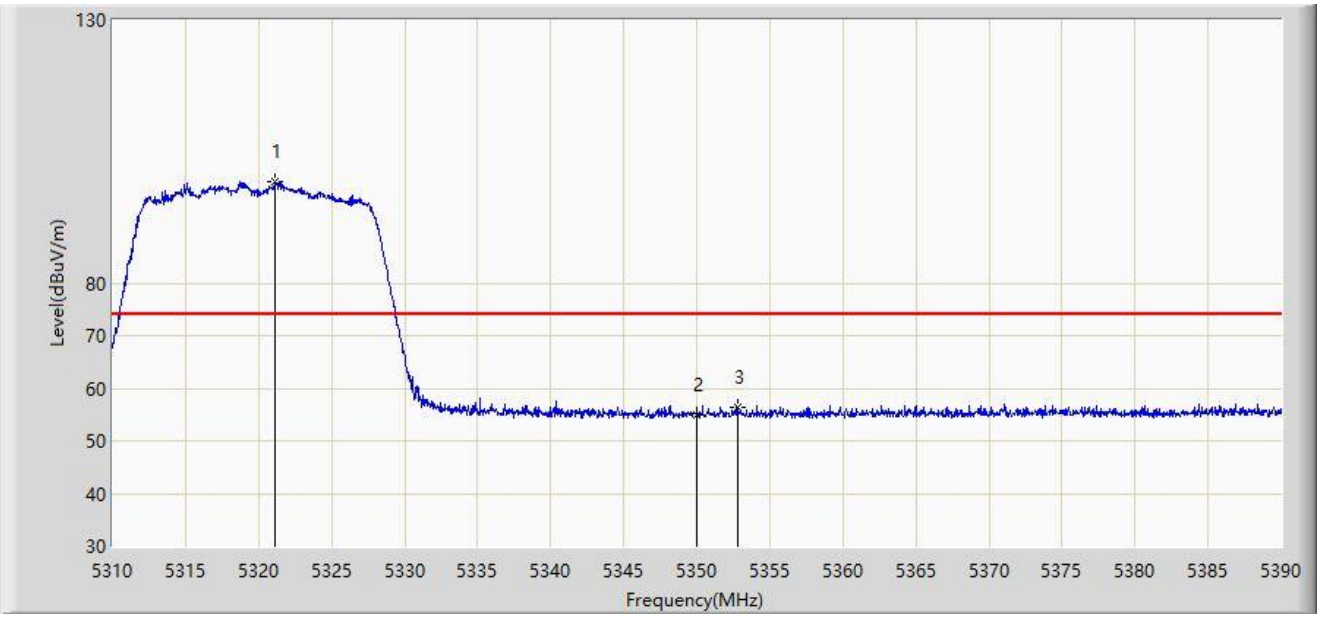
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.960	101.785	100.233	N/A	N/A	1.552	AV
2		5350.000	45.083	43.573	-8.917	54.000	1.510	AV
3	*	5350.360	45.375	43.865	-8.625	54.000	1.510	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



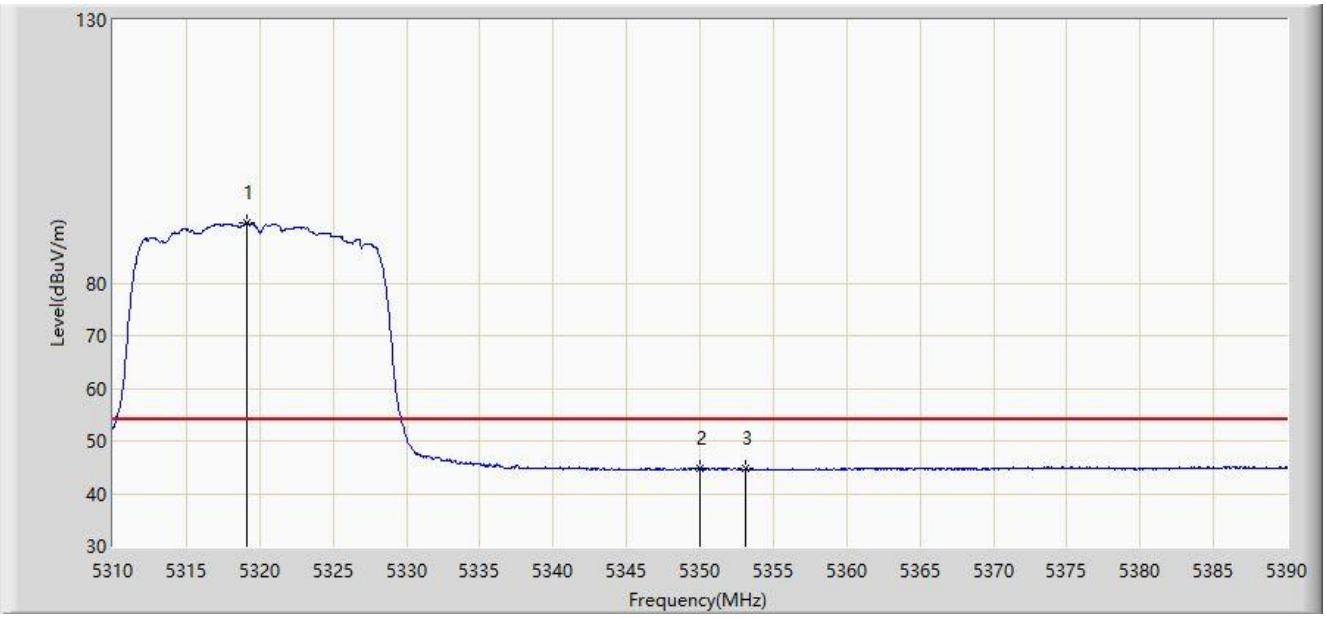
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5321.160	99.244	97.693	N/A	N/A	1.551	PK
2		5350.000	55.014	53.504	-18.986	74.000	1.510	PK
3	*	5352.800	56.286	54.769	-17.714	74.000	1.517	PK

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



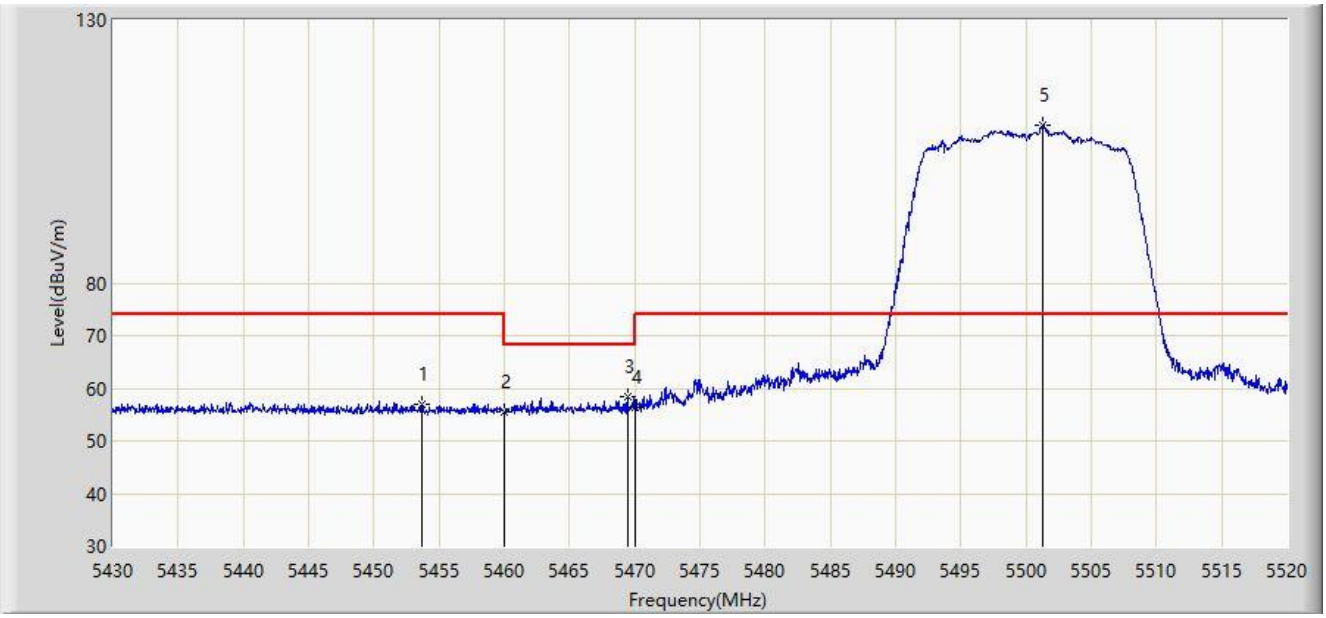
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5319.160	91.485	89.933	N/A	N/A	1.553	AV
2		5350.000	44.653	43.143	-9.347	54.000	1.510	AV
3	*	5353.120	44.880	43.358	-9.120	54.000	1.522	AV

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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



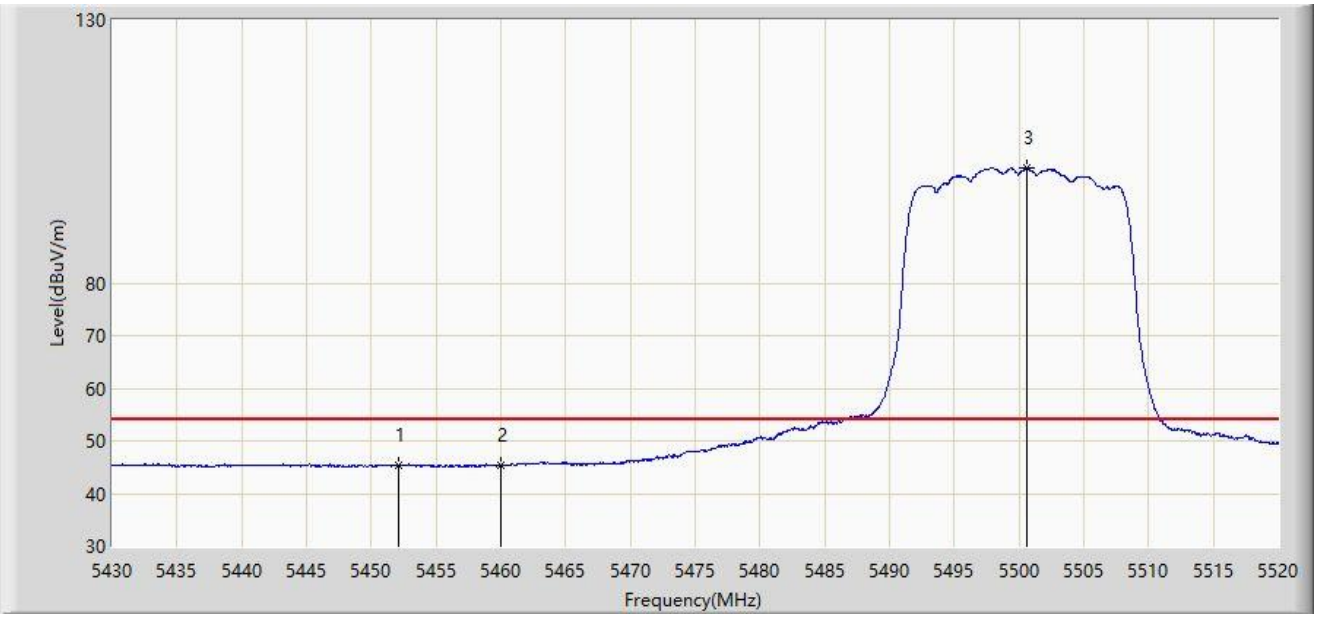
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5453.670	56.906	54.857	-17.094	74.000	2.049	PK
2		5460.000	55.398	53.291	-18.602	74.000	2.108	PK
3	*	5469.420	58.416	56.210	-9.784	68.200	2.206	PK
4		5470.000	56.267	54.055	-11.933	68.200	2.212	PK
5		5501.280	109.947	107.494	N/A	N/A	2.453	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: 2023-07-04
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX1500 Wi-Fi 6 Range Extender	Power: AC 120V/60Hz
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	*	5452.095	45.406	43.333	-8.594	54.000	2.074	AV
2		5460.000	45.256	43.149	-8.744	54.000	2.108	AV
3		5500.650	101.961	99.501	N/A	N/A	2.459	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).