Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-15	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
	8310.0	35.4	9.3	44.7	74.0	-29.3	Peak	Horizontal
*	9933.5	35.7	12.9	48.6	68.2	-19.6	Peak	Horizontal
	11276.5	34.7	15.5	50.2	74.0	-23.8	Peak	Horizontal
*	12891.5	34.0	15.0	49.0	68.2	-19.2	Peak	Horizontal
	8463.0	36.1	10.4	46.5	74.0	-27.5	Peak	Vertical
*	10392.5	35.5	14.1	49.6	68.2	-18.6	Peak	Vertical
	11089.5	35.5	15.6	51.1	74.0	-22.9	Peak	Vertical
*	12891.5	33.8	15.0	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-15	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
	8378.0	35.8	9.9	45.7	74.0	-28.3	Peak	Horizontal
*	9823.0	34.7	12.5	47.2	68.2	-21.0	Peak	Horizontal
	11089.5	34.6	15.6	50.2	74.0	-23.8	Peak	Horizontal
*	12951.0	34.2	15.6	49.8	68.2	-18.4	Peak	Horizontal
	8454.5	35.8	10.5	46.3	74.0	-27.7	Peak	Vertical
*	9814.5	35.9	12.5	48.4	68.2	-19.8	Peak	Vertical
	11072.5	34.5	15.9	50.4	74.0	-23.6	Peak	Vertical
*	13027.5	34.1	15.6	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	2023-08-16	Test Mode	802.11ac-VHT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8437.5	36.6	10.2	46.8	74.0	-27.2	Peak	Horizontal
*	9891.0	35.6	12.8	48.4	68.2	-19.8	Peak	Horizontal
	13299.5	34.7	15.8	50.5	74.0	-23.5	Peak	Horizontal
*	13665.0	34.6	17.0	51.6	68.2	-16.6	Peak	Horizontal
	8352.5	35.3	9.7	45.0	74.0	-29.0	Peak	Vertical
*	10154.5	35.6	13.2	48.8	68.2	-19.4	Peak	Vertical
	11786.5	33.4	14.6	48.0	74.0	-26.0	Peak	Vertical
*	12874.5	34.1	15.3	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8267.5	35.7	9.1	44.8	74.0	-29.2	Peak	Horizontal
*	9899.5	35.8	12.5	48.3	68.2	-19.9	Peak	Horizontal
	11480.5	34.2	15.7	49.9	74.0	-24.1	Peak	Horizontal
*	13027.5	33.3	15.6	48.9	68.2	-19.3	Peak	Horizontal
	8378.0	37.4	9.9	47.3	74.0	-26.7	Peak	Vertical
*	10163.0	35.4	13.1	48.5	68.2	-19.7	Peak	Vertical
	11540.0	34.4	15.5	49.9	74.0	-24.1	Peak	Vertical
*	12908.5	33.8	15.1	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8310.0	35.0	9.3	44.3	74.0	-29.7	Peak	Horizontal
*	9891.0	34.8	12.8	47.6	68.2	-20.6	Peak	Horizontal
	11676.0	34.5	15.3	49.8	74.0	-24.2	Peak	Horizontal
*	12883.0	34.3	15.2	49.5	68.2	-18.7	Peak	Horizontal
	8038.0	36.7	9.6	46.3	74.0	-27.7	Peak	Vertical
*	8692.5	38.5	12.2	50.7	68.2	-17.5	Peak	Vertical
	11038.5	35.2	15.1	50.3	74.0	-23.7	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	2023-08-16	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
	8199.5	36.2	9.2	45.4	74.0	-28.6	Peak	Horizontal
*	10477.5	34.8	14.2	49.0	68.2	-19.2	Peak	Horizontal
	11761.0	34.3	15.3	49.6	74.0	-24.4	Peak	Horizontal
*	12857.5	33.9	15.2	49.1	68.2	-19.1	Peak	Horizontal
	8480.0	36.2	10.6	46.8	74.0	-27.2	Peak	Vertical
*	9857.0	35.1	11.9	47.0	68.2	-21.2	Peak	Vertical
	10962.0	35.7	15.3	51.0	74.0	-23.0	Peak	Vertical
*	12866.0	33.6	15.3	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8361.0	35.2	9.7	44.9	74.0	-29.1	Peak	Horizontal
*	9942.0	34.0	13.3	47.3	68.2	-20.9	Peak	Horizontal
	11021.5	35.2	15.0	50.2	74.0	-23.8	Peak	Horizontal
*	12942.5	33.7	15.6	49.3	68.2	-18.9	Peak	Horizontal
	8352.5	36.3	9.7	46.0	74.0	-28.0	Peak	Vertical
*	9814.5	35.1	12.5	47.6	68.2	-20.6	Peak	Vertical
	11106.5	35.2	15.2	50.4	74.0	-23.6	Peak	Vertical
*	12951.0	33.6	15.6	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	2023-08-16	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
	8369.5	36.3	9.8	46.1	74.0	-27.9	Peak	Horizontal
*	10384.0	35.9	14.1	50.0	68.2	-18.2	Peak	Horizontal
	11557.0	35.0	15.9	50.9	74.0	-23.1	Peak	Horizontal
*	12891.5	34.6	15.0	49.6	68.2	-18.6	Peak	Horizontal
	8293.0	36.7	9.3	46.0	74.0	-28.0	Peak	Vertical
*	9814.5	37.2	12.5	49.7	68.2	-18.5	Peak	Vertical
	11081.0	34.5	16.1	50.6	74.0	-23.4	Peak	Vertical
*	13095.5	33.5	15.3	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8446.0	36.0	10.5	46.5	74.0	-27.5	Peak	Horizontal
*	9814.5	35.5	12.5	48.0	68.2	-20.2	Peak	Horizontal
	11047.0	36.0	14.9	50.9	74.0	-23.1	Peak	Horizontal
*	13010.5	34.9	15.4	50.3	68.2	-17.9	Peak	Horizontal
	8191.0	37.0	9.2	46.2	74.0	-27.8	Peak	Vertical
*	10044.0	35.1	13.6	48.7	68.2	-19.5	Peak	Vertical
	11693.0	34.2	15.5	49.7	74.0	-24.3	Peak	Vertical
*	13656.5	34.9	16.7	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	2023-08-16	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
	8369.5	36.8	9.8	46.6	74.0	-27.4	Peak	Horizontal
*	9831.5	35.6	12.6	48.2	68.2	-20.0	Peak	Horizontal
	11081.0	34.1	16.1	50.2	74.0	-23.8	Peak	Horizontal
*	12866.0	33.4	15.3	48.7	68.2	-19.5	Peak	Horizontal
	7434.5	35.0	10.2	45.2	74.0	-28.8	Peak	Vertical
*	8531.0	37.2	11.2	48.4	68.2	-19.8	Peak	Vertical
	10885.5	35.8	14.8	50.6	74.0	-23.4	Peak	Vertical
*	12891.5	33.2	15.0	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	2023-08-16	Test Mode	802.11ac-VHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8344.0	35.5	9.6	45.1	74.0	-28.9	Peak	Horizontal
*	9797.5	36.9	12.4	49.3	68.2	-18.9	Peak	Horizontal
	11064.0	35.0	15.8	50.8	74.0	-23.2	Peak	Horizontal
*	12840.5	33.6	14.9	48.5	68.2	-19.7	Peak	Horizontal
	8378.0	36.3	9.9	46.2	74.0	-27.8	Peak	Vertical
*	8658.5	38.3	11.8	50.1	68.2	-18.1	Peak	Vertical
	11157.5	35.0	15.5	50.5	74.0	-23.5	Peak	Vertical
*	12857.5	33.1	15.2	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	Test Mode	802.11ac-VHT160 – Channel 50
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8165.5	36.0	9.0	45.0	74.0	-29.0	Peak	Horizontal
*	9797.5	35.2	12.4	47.6	68.2	-20.6	Peak	Horizontal
	11217.0	34.3	16.0	50.3	74.0	-23.7	Peak	Horizontal
*	12747.0	33.8	14.7	48.5	68.2	-19.7	Peak	Horizontal
	7536.5	36.8	10.1	46.9	74.0	-27.1	Peak	Vertical
*	10392.5	35.5	14.1	49.6	68.2	-18.6	Peak	Vertical
	11038.5	35.4	15.1	50.5	74.0	-23.5	Peak	Vertical
*	12891.5	32.0	15.0	47.0	68.2	-21.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	Test Mode	802.11ac-VHT160–Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there 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	36.1	9.8	45.9	74.0	-28.1	Peak	Horizontal
*	10154.5	35.6	13.2	48.8	68.2	-19.4	Peak	Horizontal
	11030.0	35.6	15.2	50.8	74.0	-23.2	Peak	Horizontal
*	12908.5	33.3	15.1	48.4	68.2	-19.8	Peak	Horizontal
	8352.5	36.5	9.7	46.2	74.0	-27.8	Peak	Vertical
*	10052.5	35.3	13.2	48.5	68.2	-19.7	Peak	Vertical
	11548.5	33.8	15.7	49.5	74.0	-24.5	Peak	Vertical
*	13002.0	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	2023-08-16	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
	8259.0	36.6	9.0	45.6	74.0	-28.4	Peak	Horizontal
*	9891.0	35.4	12.8	48.2	68.2	-20.0	Peak	Horizontal
	10962.0	34.9	15.3	50.2	74.0	-23.8	Peak	Horizontal
*	12866.0	33.9	15.3	49.2	68.2	-19.0	Peak	Horizontal
	8199.5	36.1	9.2	45.3	74.0	-28.7	Peak	Vertical
*	10384.0	35.7	14.1	49.8	68.2	-18.4	Peak	Vertical
	11557.0	33.9	15.9	49.8	74.0	-24.2	Peak	Vertical
*	13129.5	34.1	15.7	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	2023-08-16	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
	8182.5	36.7	9.1	45.8	74.0	-28.2	Peak	Horizontal
*	9823.0	37.5	12.5	50.0	68.2	-18.2	Peak	Horizontal
	11030.0	35.0	15.2	50.2	74.0	-23.8	Peak	Horizontal
*	13138.0	33.9	15.8	49.7	68.2	-18.5	Peak	Horizontal
	8242.0	34.8	9.0	43.8	74.0	-30.2	Peak	Vertical
*	9814.5	34.6	12.5	47.1	68.2	-21.1	Peak	Vertical
	11081.0	34.6	16.1	50.7	74.0	-23.3	Peak	Vertical
*	12874.5	34.1	15.3	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8225.0	34.8	8.9	43.7	74.0	-30.3	Peak	Horizontal
*	10477.5	36.5	14.2	50.7	68.2	-17.5	Peak	Horizontal
	11650.5	34.2	15.9	50.1	74.0	-23.9	Peak	Horizontal
*	12891.5	32.7	15.0	47.7	68.2	-20.5	Peak	Horizontal
	8446.0	36.0	10.5	46.5	74.0	-27.5	Peak	Vertical
*	9746.5	35.8	12.3	48.1	68.2	-20.1	Peak	Vertical
	11149.0	34.7	15.4	50.1	74.0	-23.9	Peak	Vertical
*	13019.0	32.9	15.4	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8301.5	37.1	9.3	46.4	74.0	-27.6	Peak	Horizontal
*	9814.5	36.4	12.5	48.9	68.2	-19.3	Peak	Horizontal
	11208.5	34.9	15.8	50.7	74.0	-23.3	Peak	Horizontal
*	13002.0	33.5	15.4	48.9	68.2	-19.3	Peak	Horizontal
	8284.5	36.2	9.3	45.5	74.0	-28.5	Peak	Vertical
*	10486.0	35.3	14.3	49.6	68.2	-18.6	Peak	Vertical
	11132.0	35.2	15.4	50.6	74.0	-23.4	Peak	Vertical
*	13070.0	33.1	15.8	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8437.5	35.0	10.2	45.2	74.0	-28.8	Peak	Horizontal
*	9840.0	37.1	12.6	49.7	68.2	-18.5	Peak	Horizontal
	11072.5	34.6	15.9	50.5	74.0	-23.5	Peak	Horizontal
*	13070.0	33.0	15.8	48.8	68.2	-19.4	Peak	Horizontal
	8361.0	37.3	9.7	47.0	74.0	-27.0	Peak	Vertical
*	9840.0	37.1	12.6	49.7	68.2	-18.5	Peak	Vertical
	11072.5	34.6	15.9	50.5	74.0	-23.5	Peak	Vertical
*	12917.0	33.4	15.3	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8216.5	36.9	9.1	46.0	74.0	-28.0	Peak	Horizontal
*	9933.5	35.3	12.9	48.2	68.2	-20.0	Peak	Horizontal
	11089.5	34.5	15.6	50.1	74.0	-23.9	Peak	Horizontal
*	13087.0	32.2	15.2	47.4	68.2	-20.8	Peak	Horizontal
	8284.5	35.2	9.3	44.5	74.0	-29.5	Peak	Vertical
*	10154.5	35.9	13.2	49.1	68.2	-19.1	Peak	Vertical
	11489.0	34.1	15.7	49.8	74.0	-24.2	Peak	Vertical
*	12840.5	33.5	14.9	48.4	68.2	-19.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8310.0	34.4	9.3	43.7	74.0	-30.3	Peak	Horizontal
*	9891.0	35.6	12.8	48.4	68.2	-19.8	Peak	Horizontal
	11990.5	35.5	14.8	50.3	74.0	-23.7	Peak	Horizontal
*	12789.5	34.3	14.8	49.1	68.2	-19.1	Peak	Horizontal
	8267.5	34.8	9.1	43.9	74.0	-30.1	Peak	Vertical
*	9899.5	36.3	12.5	48.8	68.2	-19.4	Peak	Vertical
	11548.5	34.4	15.7	50.1	74.0	-23.9	Peak	Vertical
*	13189.0	32.5	15.3	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-16	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
	8293.0	36.3	9.3	45.6	74.0	-28.4	Peak	Horizontal
*	10086.5	35.5	13.1	48.6	68.2	-19.6	Peak	Horizontal
	10766.5	35.7	14.6	50.3	74.0	-23.7	Peak	Horizontal
*	12857.5	34.1	15.2	49.3	68.2	-18.9	Peak	Horizontal
	8199.5	36.4	9.2	45.6	74.0	-28.4	Peak	Vertical
*	9644.5	36.0	11.7	47.7	68.2	-20.5	Peak	Vertical
	11064.0	34.7	15.8	50.5	74.0	-23.5	Peak	Vertical
*	12951.0	33.7	15.6	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	2023-08-16	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
	8293.0	35.2	9.3	44.5	74.0	-29.5	Peak	Horizontal
*	10469.0	36.0	14.1	50.1	68.2	-18.1	Peak	Horizontal
	11693.0	33.6	15.5	49.1	74.0	-24.9	Peak	Horizontal
*	12985.0	32.8	15.4	48.2	68.2	-20.0	Peak	Horizontal
	8293.0	36.8	9.3	46.1	74.0	-27.9	Peak	Vertical
*	9874.0	35.6	12.7	48.3	68.2	-19.9	Peak	Vertical
	11030.0	35.1	15.2	50.3	74.0	-23.7	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	2023-08-16	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
	8259.0	35.4	9.0	44.4	74.0	-29.6	Peak	Horizontal
*	10282.0	35.7	13.8	49.5	68.2	-18.7	Peak	Horizontal
	11582.5	34.5	15.6	50.1	74.0	-23.9	Peak	Horizontal
*	12942.5	32.8	15.6	48.4	68.2	-19.8	Peak	Horizontal
	8446.0	35.2	10.5	45.7	74.0	-28.3	Peak	Vertical
*	9857.0	35.4	11.9	47.3	68.2	-20.9	Peak	Vertical
	11234.0	34.7	15.5	50.2	74.0	-23.8	Peak	Vertical
*	13010.5	32.1	15.4	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8437.5	36.0	10.2	46.2	74.0	-27.8	Peak	Horizontal
*	10120.5	34.4	13.1	47.5	68.2	-20.7	Peak	Horizontal
	11123.5	35.6	15.3	50.9	74.0	-23.1	Peak	Horizontal
*	13129.5	33.6	15.7	49.3	68.2	-18.9	Peak	Horizontal
	8361.0	35.9	9.7	45.6	74.0	-28.4	Peak	Vertical
*	9916.5	35.5	12.3	47.8	68.2	-20.4	Peak	Vertical
	11072.5	34.8	15.9	50.7	74.0	-23.3	Peak	Vertical
*	12849.0	33.6	15.0	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8208.0	35.8	9.2	45.0	74.0	-29.0	Peak	Horizontal
*	9814.5	36.0	12.5	48.5	68.2	-19.7	Peak	Horizontal
	11038.5	36.1	15.1	51.2	74.0	-22.8	Peak	Horizontal
*	12891.5	33.7	15.0	48.7	68.2	-19.5	Peak	Horizontal
	8259.0	34.2	9.0	43.2	74.0	-30.8	Peak	Vertical
*	8675.5	38.9	12.0	50.9	68.2	-17.3	Peak	Vertical
	10970.5	35.9	15.1	51.0	74.0	-23.0	Peak	Vertical
*	12840.5	33.1	14.9	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8276.0	35.0	9.2	44.2	74.0	-29.8	Peak	Horizontal
*	9721.0	35.2	12.0	47.2	68.2	-21.0	Peak	Horizontal
	11412.5	34.7	15.5	50.2	74.0	-23.8	Peak	Horizontal
*	13163.5	34.1	15.4	49.5	68.2	-18.7	Peak	Horizontal
	8335.5	36.0	9.4	45.4	74.0	-28.6	Peak	Vertical
*	8735.0	39.8	12.2	52.0	68.2	-16.2	Peak	Vertical
	11650.5	34.6	15.9	50.5	74.0	-23.5	Peak	Vertical
*	13189.0	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	2023-08-17	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	34.6	9.7	44.3	74.0	-29.7	Peak	Horizontal
*	9806.0	34.1	12.5	46.6	68.2	-21.6	Peak	Horizontal
	11055.5	35.1	15.3	50.4	74.0	-23.6	Peak	Horizontal
*	12917.0	32.1	15.3	47.4	68.2	-20.8	Peak	Horizontal
	8386.5	34.8	9.8	44.6	74.0	-29.4	Peak	Vertical
*	9831.5	36.0	12.6	48.6	68.2	-19.6	Peak	Vertical
	10877.0	35.7	14.7	50.4	74.0	-23.6	Peak	Vertical
*	12925.5	32.7	15.5	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8437.5	36.7	10.2	46.9	74.0	-27.1	Peak	Horizontal
*	10120.5	36.1	13.1	49.2	68.2	-19.0	Peak	Horizontal
	11259.5	35.0	15.5	50.5	74.0	-23.5	Peak	Horizontal
*	12840.5	32.7	14.9	47.6	68.2	-20.6	Peak	Horizontal
	8301.5	35.8	9.3	45.1	74.0	-28.9	Peak	Vertical
*	10392.5	35.4	14.1	49.5	68.2	-18.7	Peak	Vertical
	11081.0	34.3	16.1	50.4	74.0	-23.6	Peak	Vertical
*	12934.0	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	2023-08-17	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
	8318.5	33.9	9.3	43.2	74.0	-30.8	Peak	Horizontal
*	10392.5	35.1	14.1	49.2	68.2	-19.0	Peak	Horizontal
	11200.0	34.7	15.6	50.3	74.0	-23.7	Peak	Horizontal
*	12908.5	33.9	15.1	49.0	68.2	-19.2	Peak	Horizontal
	8182.5	36.7	9.1	45.8	74.0	-28.2	Peak	Vertical
*	9891.0	35.8	12.8	48.6	68.2	-19.6	Peak	Vertical
	11633.5	33.8	15.8	49.6	74.0	-24.4	Peak	Vertical
*	12891.5	32.9	15.0	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8352.5	34.4	9.7	44.1	74.0	-29.9	Peak	Horizontal
*	9780.5	35.3	12.3	47.6	68.2	-20.6	Peak	Horizontal
	11072.5	34.9	15.9	50.8	74.0	-23.2	Peak	Horizontal
*	12959.5	33.2	15.5	48.7	68.2	-19.5	Peak	Horizontal
	8369.5	35.8	9.8	45.6	74.0	-28.4	Peak	Vertical
*	10078.0	35.4	12.8	48.2	68.2	-20.0	Peak	Vertical
	11081.0	34.4	16.1	50.5	74.0	-23.5	Peak	Vertical
*	12891.5	32.3	15.0	47.3	68.2	-20.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8335.5	36.4	9.4	45.8	74.0	-28.2	Peak	Horizontal
*	9695.5	37.4	11.9	49.3	68.2	-18.9	Peak	Horizontal
	11574.0	34.4	15.6	50.0	74.0	-24.0	Peak	Horizontal
*	12934.0	33.7	15.7	49.4	68.2	-18.8	Peak	Horizontal
	8276.0	35.5	9.2	44.7	74.0	-29.3	Peak	Vertical
*	9814.5	36.2	12.5	48.7	68.2	-19.5	Peak	Vertical
	11030.0	35.4	15.2	50.6	74.0	-23.4	Peak	Vertical
*	13129.5	32.7	15.7	48.4	68.2	-19.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8361.0	36.1	9.7	45.8	74.0	-28.2	Peak	Horizontal
*	9755.0	35.7	12.4	48.1	68.2	-20.1	Peak	Horizontal
	11344.5	34.4	15.4	49.8	74.0	-24.2	Peak	Horizontal
*	13053.0	34.2	15.3	49.5	68.2	-18.7	Peak	Horizontal
	8361.0	35.9	9.7	45.6	74.0	-28.4	Peak	Vertical
*	9984.5	35.8	12.8	48.6	68.2	-19.6	Peak	Vertical
	11081.0	34.5	16.1	50.6	74.0	-23.4	Peak	Vertical
*	12840.5	33.2	14.9	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8378.0	36.2	9.9	46.1	74.0	-27.9	Peak	Horizontal
*	9806.0	35.9	12.5	48.4	68.2	-19.8	Peak	Horizontal
	10970.5	35.5	15.1	50.6	74.0	-23.4	Peak	Horizontal
*	12857.5	35.1	15.2	50.3	68.2	-17.9	Peak	Horizontal
	8378.0	36.5	9.9	46.4	74.0	-27.6	Peak	Vertical
*	9746.5	36.9	12.3	49.2	68.2	-19.0	Peak	Vertical
	11608.0	35.4	16.0	51.4	74.0	-22.6	Peak	Vertical
*	13129.5	33.8	15.7	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8310.0	35.0	9.3	44.3	74.0	-29.7	Peak	Horizontal
*	10214.0	35.2	12.9	48.1	68.2	-20.1	Peak	Horizontal
	11429.5	34.7	15.5	50.2	74.0	-23.8	Peak	Horizontal
*	12951.0	33.1	15.6	48.7	68.2	-19.5	Peak	Horizontal
	8284.5	35.6	9.3	44.9	74.0	-29.1	Peak	Vertical
*	10137.5	35.5	13.2	48.7	68.2	-19.5	Peak	Vertical
	10987.5	35.4	14.7	50.1	74.0	-23.9	Peak	Vertical
*	12968.0	32.0	15.3	47.3	68.2	-20.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8352.5	35.3	9.7	45.0	74.0	-29.0	Peak	Horizontal
*	9823.0	36.0	12.5	48.5	68.2	-19.7	Peak	Horizontal
	10885.5	36.0	14.8	50.8	74.0	-23.2	Peak	Horizontal
*	12849.0	33.1	15.0	48.1	68.2	-20.1	Peak	Horizontal
	8301.5	36.0	9.3	45.3	74.0	-28.7	Peak	Vertical
*	10486.0	35.1	14.3	49.4	68.2	-18.8	Peak	Vertical
	10970.5	35.9	15.1	51.0	74.0	-23.0	Peak	Vertical
*	12891.5	33.8	15.0	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8199.5	35.8	9.2	45.0	74.0	-29.0	Peak	Horizontal
*	9823.0	35.7	12.5	48.2	68.2	-20.0	Peak	Horizontal
	11098.0	35.8	15.2	51.0	74.0	-23.0	Peak	Horizontal
*	12925.5	33.6	15.5	49.1	68.2	-19.1	Peak	Horizontal
	8199.5	35.7	9.2	44.9	74.0	-29.1	Peak	Vertical
*	8692.5	38.5	12.2	50.7	68.2	-17.5	Peak	Vertical
	11140.5	35.6	15.4	51.0	74.0	-23.0	Peak	Vertical
*	13010.5	32.2	15.4	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8480.0	33.4	10.6	44.0	74.0	-30.0	Peak	Horizontal
*	9712.5	36.1	12.0	48.1	68.2	-20.1	Peak	Horizontal
	10732.5	35.8	14.5	50.3	74.0	-23.7	Peak	Horizontal
*	12849.0	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
	8259.0	35.9	9.0	44.9	74.0	-29.1	Peak	Vertical
*	9738.0	36.3	12.1	48.4	68.2	-19.8	Peak	Vertical
	11038.5	35.6	15.1	50.7	74.0	-23.3	Peak	Vertical
*	12934.0	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	2023-08-17	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
	8412.0	33.9	9.9	43.8	74.0	-30.2	Peak	Horizontal
*	9899.5	35.5	12.5	48.0	68.2	-20.2	Peak	Horizontal
	11259.5	34.6	15.5	50.1	74.0	-23.9	Peak	Horizontal
*	13019.0	31.9	15.4	47.3	68.2	-20.9	Peak	Horizontal
	8454.5	35.6	10.5	46.1	74.0	-27.9	Peak	Vertical
*	9857.0	34.7	11.9	46.6	68.2	-21.6	Peak	Vertical
	11438.0	34.4	15.3	49.7	74.0	-24.3	Peak	Vertical
*	12883.0	32.5	15.2	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	2023-08-17	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
	8310.0	37.4	9.3	46.7	74.0	-27.3	Peak	Horizontal
*	10035.5	33.9	13.3	47.2	68.2	-21.0	Peak	Horizontal
	11565.5	33.7	15.7	49.4	74.0	-24.6	Peak	Horizontal
*	12968.0	32.9	15.3	48.2	68.2	-20.0	Peak	Horizontal
	8386.5	34.9	9.8	44.7	74.0	-29.3	Peak	Vertical
*	10044.0	35.2	13.6	48.8	68.2	-19.4	Peak	Vertical
	10698.5	35.9	14.3	50.2	74.0	-23.8	Peak	Vertical
*	12840.5	32.4	14.9	47.3	68.2	-20.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8327.0	35.6	9.3	44.9	74.0	-29.1	Peak	Horizontal
*	10222.5	35.9	13.0	48.9	68.2	-19.3	Peak	Horizontal
	11081.0	34.8	16.1	50.9	74.0	-23.1	Peak	Horizontal
*	13019.0	34.2	15.4	49.6	68.2	-18.6	Peak	Horizontal
	8199.5	35.0	9.2	44.2	74.0	-29.8	Peak	Vertical
*	10205.5	35.9	12.7	48.6	68.2	-19.6	Peak	Vertical
	11217.0	35.1	16.0	51.1	74.0	-22.9	Peak	Vertical
*	13138.0	33.9	15.8	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	2023-08-17	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
	8216.5	36.1	9.1	45.2	74.0	-28.8	Peak	Horizontal
*	9942.0	33.7	13.3	47.0	68.2	-21.2	Peak	Horizontal
	10809.0	36.3	14.9	51.2	74.0	-22.8	Peak	Horizontal
*	13061.5	33.6	15.6	49.2	68.2	-19.0	Peak	Horizontal
	8310.0	33.7	9.3	43.0	74.0	-31.0	Peak	Vertical
*	9874.0	35.2	12.7	47.9	68.2	-20.3	Peak	Vertical
	11616.5	34.0	15.8	49.8	74.0	-24.2	Peak	Vertical
*	13036.0	33.0	15.7	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	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
	8335.5	36.4	9.4	45.8	74.0	-28.2	Peak	Horizontal
*	9636.0	34.2	11.5	45.7	68.2	-22.5	Peak	Horizontal
	11123.5	33.3	15.3	48.6	74.0	-25.4	Peak	Horizontal
*	13129.5	34.0	15.7	49.7	68.2	-18.5	Peak	Horizontal
	8352.5	36.5	9.7	46.2	74.0	-27.8	Peak	Vertical
*	8658.5	39.7	11.8	51.5	68.2	-16.7	Peak	Vertical
	10775.0	35.2	14.5	49.7	74.0	-24.3	Peak	Vertical
*	13129.5	34.3	15.7	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	Test Mode	802.11ax-HE160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB/m)	Detector	Polarization
	8106.0	36.6	9.0	45.6	74.0	-28.4	Peak	Horizontal
*	10375.5	35.3	13.9	49.2	68.2	-19.0	Peak	Horizontal
	11489.0	34.5	15.7	50.2	74.0	-23.8	Peak	Horizontal
*	12976.5	32.0	15.3	47.3	68.2	-20.9	Peak	Horizontal
	8386.5	34.9	9.8	44.7	74.0	-29.3	Peak	Vertical
*	9840.0	36.1	12.6	48.7	68.2	-19.5	Peak	Vertical
	11778.0	35.1	14.8	49.9	74.0	-24.1	Peak	Vertical
*	12951.0	33.3	15.6	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-17	Test Mode	802.11ax-HE160 – Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there 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
	8089.0	36.4	9.4	45.8	74.0	-28.2	Peak	Horizontal
*	9814.5	35.0	12.5	47.5	68.2	-20.7	Peak	Horizontal
	11693.0	34.7	15.5	50.2	74.0	-23.8	Peak	Horizontal
*	12959.5	33.2	15.5	48.7	68.2	-19.5	Peak	Horizontal
	8352.5	35.7	9.7	45.4	74.0	-28.6	Peak	Vertical
*	10401.0	35.7	14.1	49.8	68.2	-18.4	Peak	Vertical
	11030.0	35.6	15.2	50.8	74.0	-23.2	Peak	Vertical
*	13036.0	32.3	15.7	48.0	68.2	-20.2	Peak	Vertical

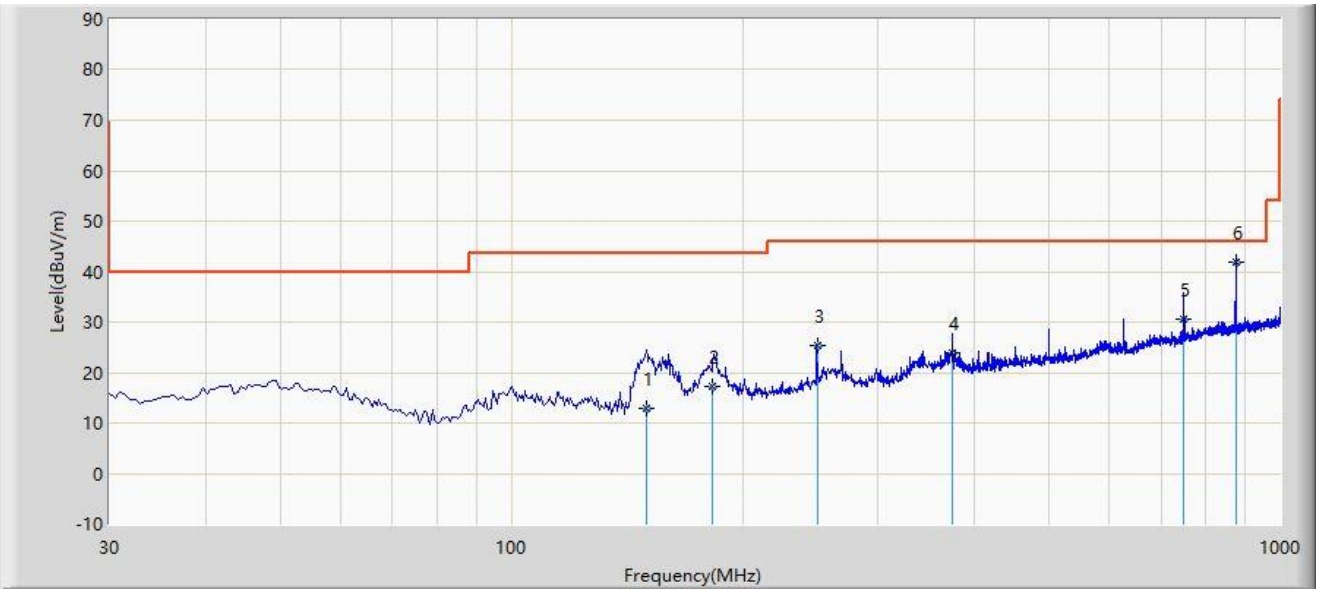
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Result of Radiated Emission below 1GHz:

Site: NS-AC1	Test Date: 2023-08-15
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		150.135	12.940	0.300	-30.560	43.500	12.640	QP
2		182.626	17.147	2.600	-26.353	43.500	14.548	QP
3		249.999	25.505	8.000	-20.495	46.000	17.505	QP
4		375.002	23.898	3.900	-22.102	46.000	19.998	QP
5		749.977	30.621	3.900	-15.379	46.000	26.721	QP
6	*	874.992	42.013	14.000	-3.987	46.000	28.013	QP

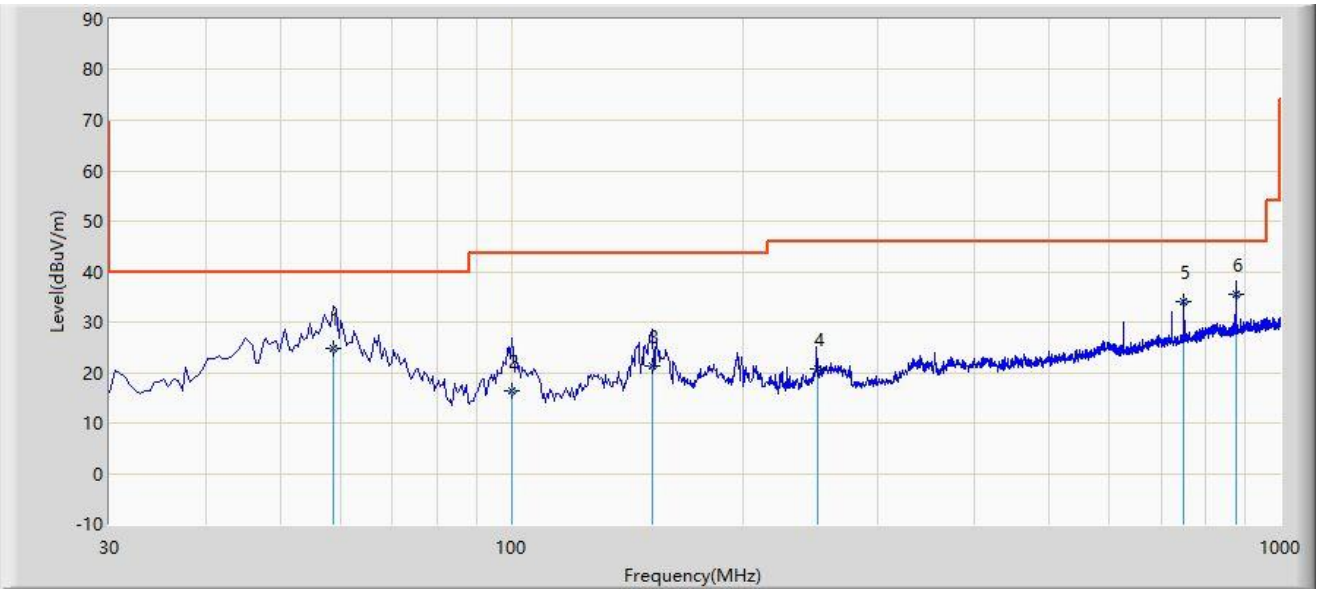
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: NS-AC1	Test Date: 2023-08-15
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		58.614	24.878	7.300	-15.122	40.000	17.578	QP
2		100.325	16.351	0.400	-27.149	43.500	15.951	QP
3		152.220	21.317	8.600	-22.183	43.500	12.716	QP
4		250.020	20.707	3.200	-25.293	46.000	17.506	QP
5		749.987	34.021	7.300	-11.979	46.000	26.721	QP
6	*	874.986	35.412	7.400	-10.588	46.000	28.013	QP

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

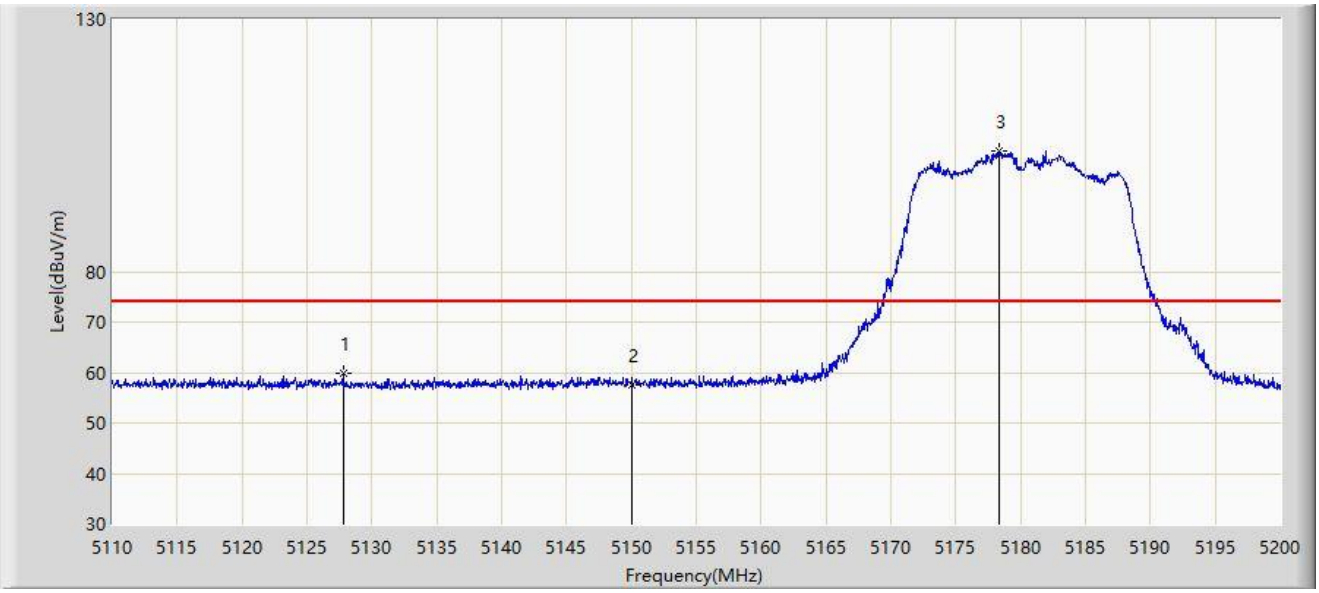
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



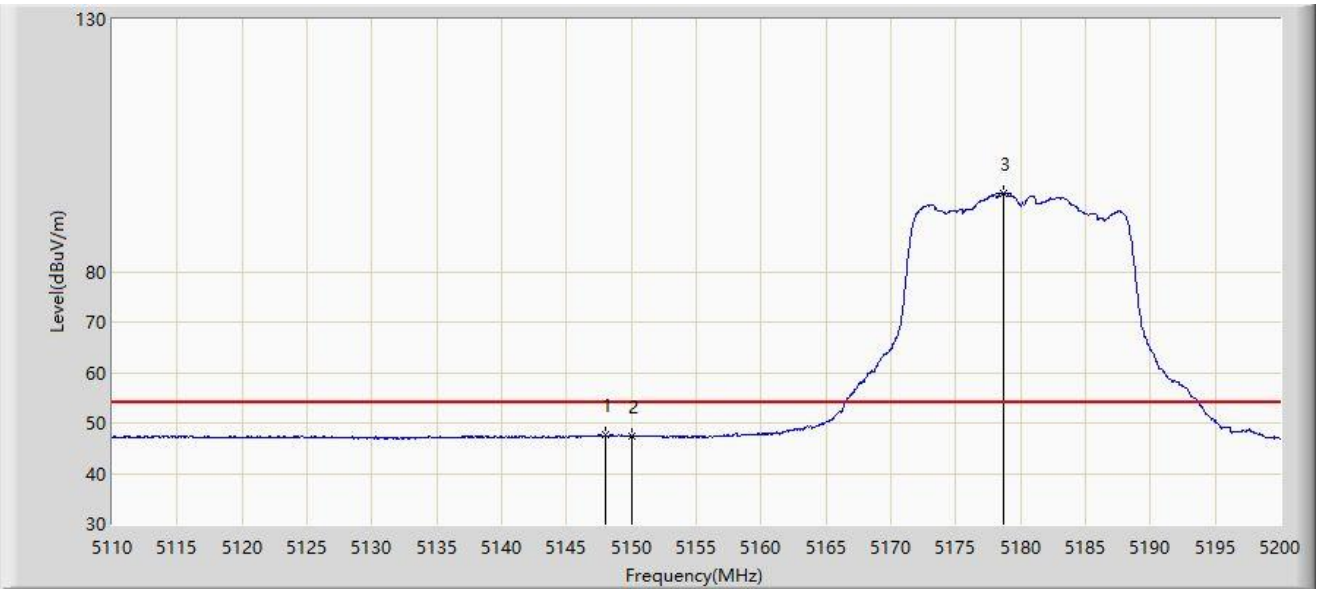
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5127.775	59.832	57.628	-14.168	74.000	2.203	PK
2		5150.000	57.578	55.019	-16.422	74.000	2.559	PK
3		5178.310	103.863	101.842	N/A	N/A	2.022	PK

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

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

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

Site: NS-AC1	Test Date: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



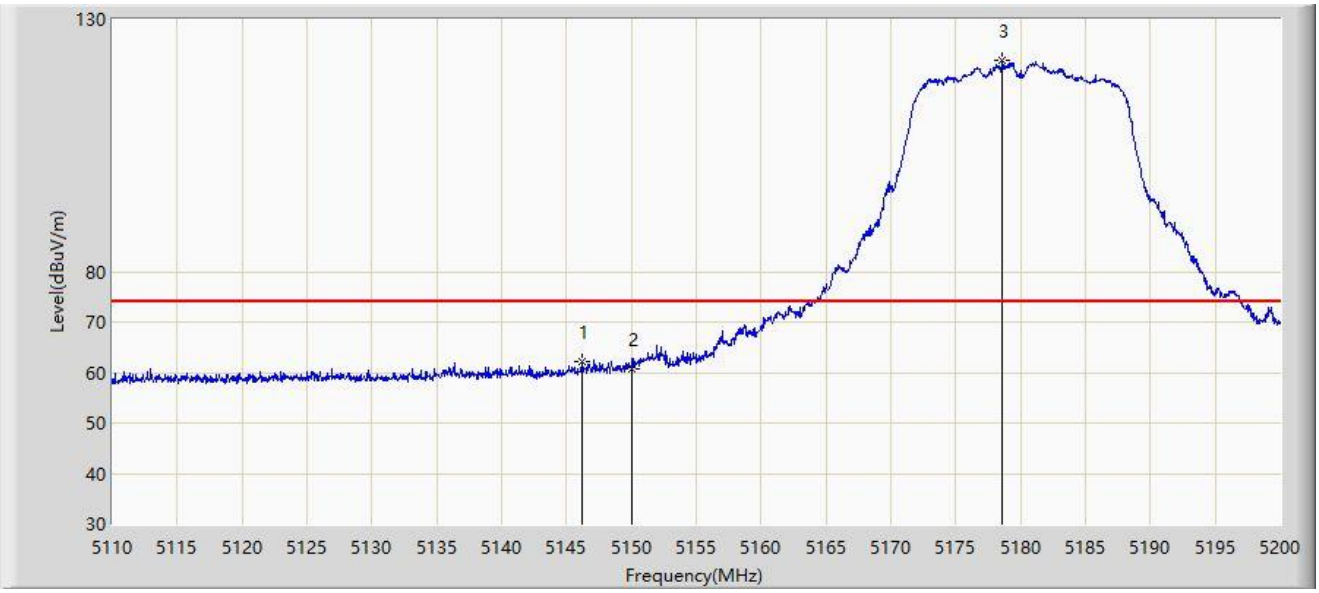
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.025	47.682	45.109	-6.318	54.000	2.573	AV
2		5150.000	47.420	44.861	-6.580	54.000	2.559	AV
3		5178.670	95.579	93.569	N/A	N/A	2.010	AV

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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



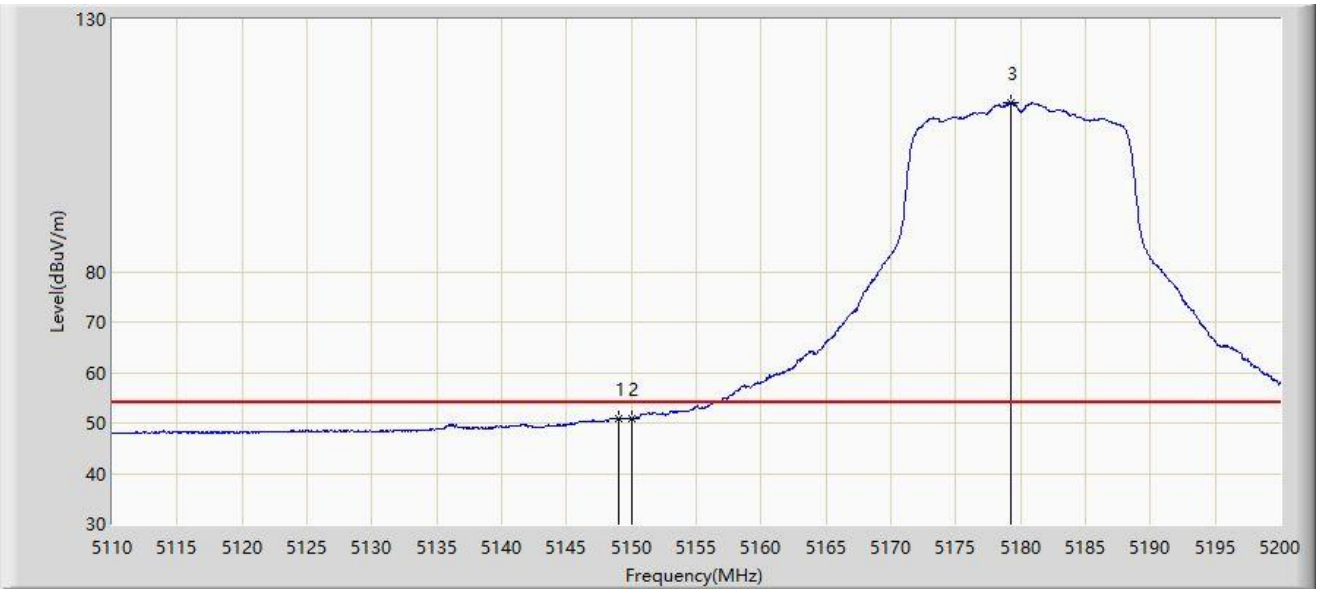
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5146.225	62.157	59.623	-11.843	74.000	2.534	PK
2		5150.000	60.580	58.021	-13.420	74.000	2.559	PK
3		5178.625	121.816	119.805	N/A	N/A	2.012	PK

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

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

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

Site: NS-AC1	Test Date: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



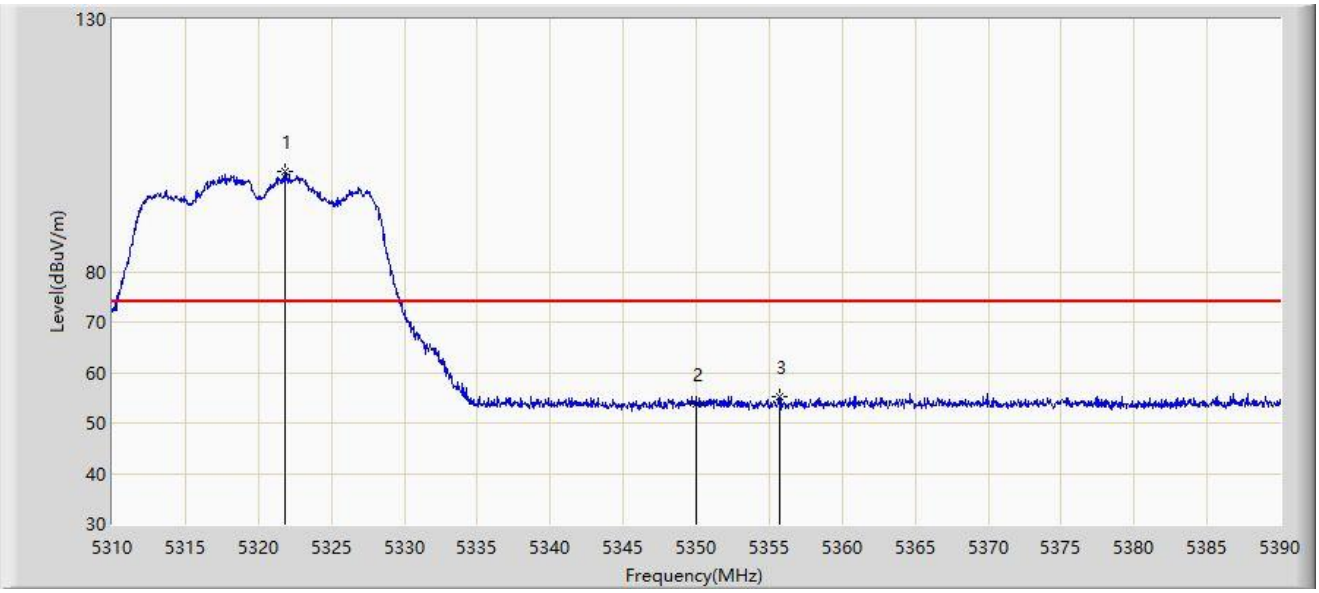
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.060	51.005	48.439	-2.995	54.000	2.566	AV
2		5150.000	50.799	48.240	-3.201	54.000	2.559	AV
3		5179.210	113.507	111.515	N/A	N/A	1.992	AV

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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



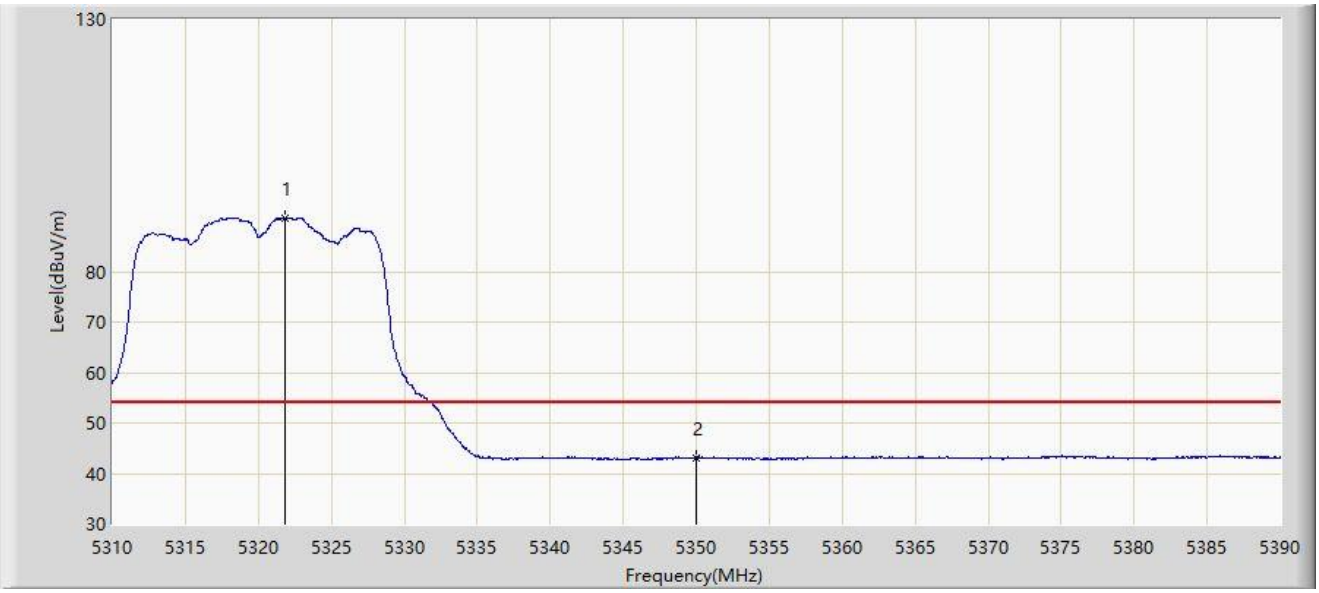
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5321.800	99.971	98.420	N/A	N/A	1.550	PK
2		5350.000	53.802	52.292	-20.198	74.000	1.510	PK
3	*	5355.680	55.088	53.530	-18.912	74.000	1.558	PK

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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



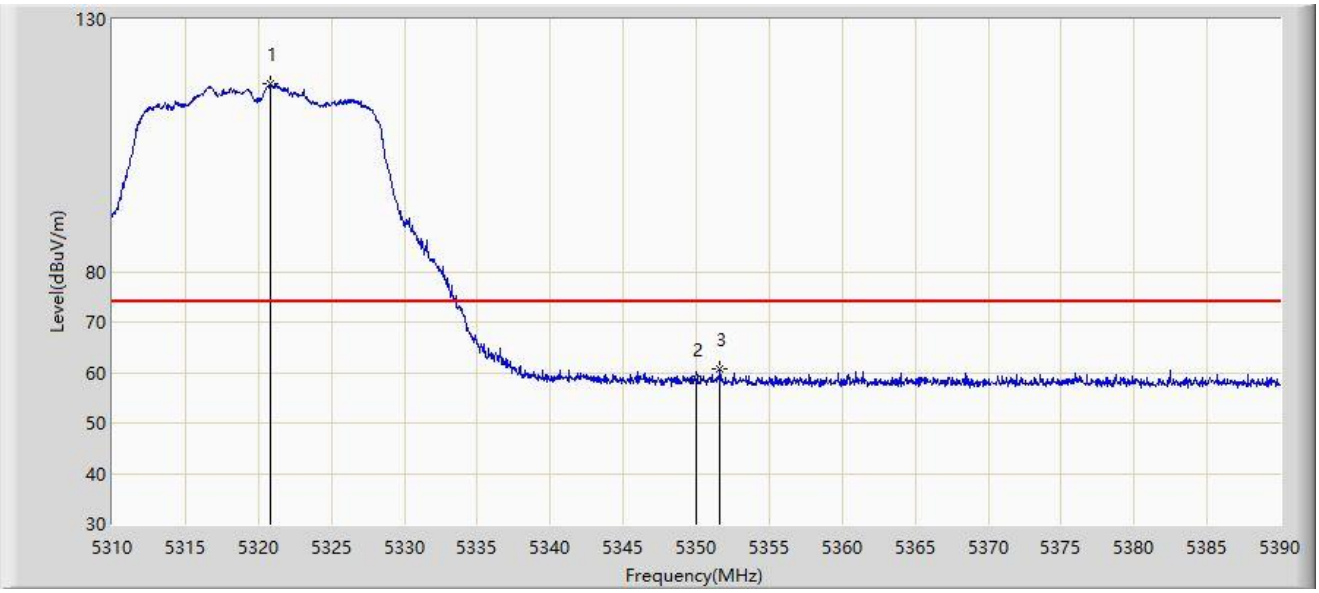
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5321.800	90.694	89.143	N/A	N/A	1.550	AV
2	*	5350.000	43.159	41.649	-10.841	54.000	1.510	AV

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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



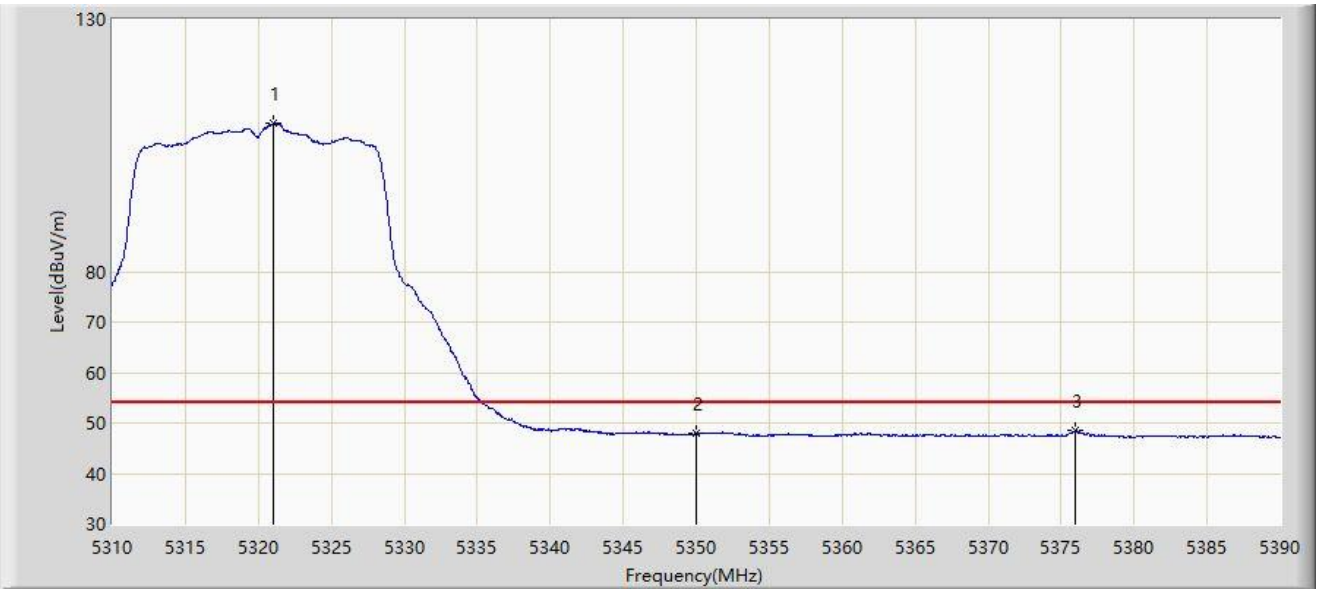
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5320.800	117.175	115.624	N/A	N/A	1.552	PK
2		5350.000	58.610	57.100	-15.390	74.000	1.510	PK
3	*	5351.640	60.807	59.300	-13.193	74.000	1.507	PK

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

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

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

Site: NS-AC1	Test Date: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



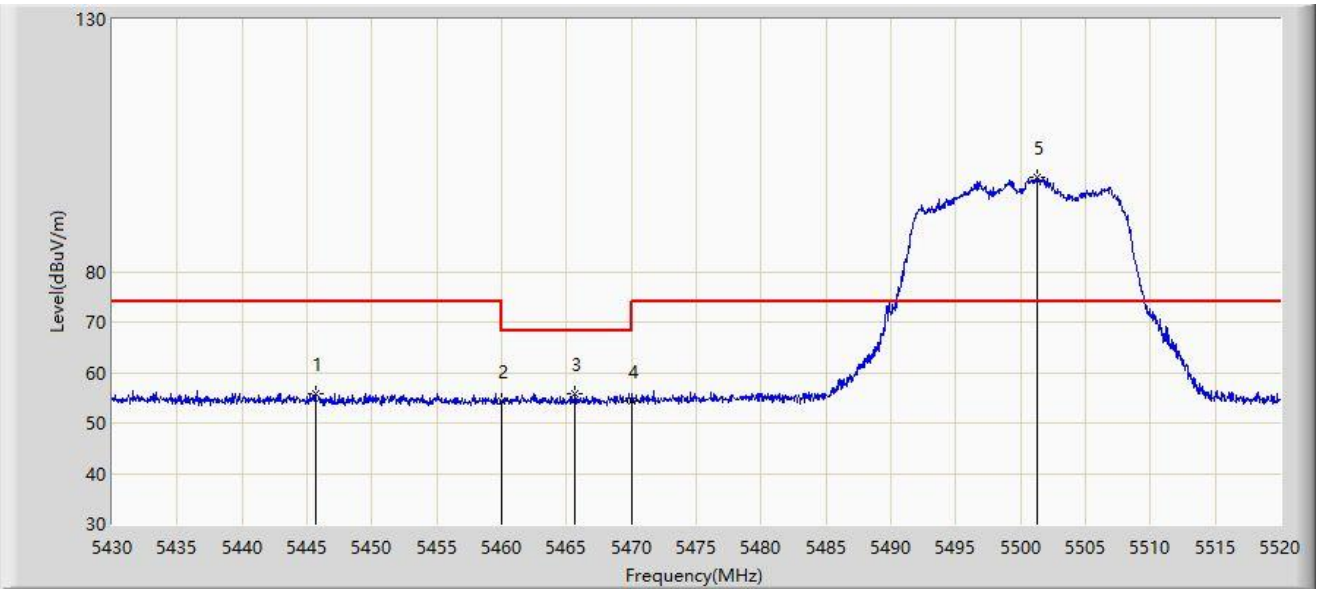
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5321.000	109.345	107.794	N/A	N/A	1.551	AV
2		5350.000	47.900	46.390	-6.100	54.000	1.510	AV
3	*	5376.000	48.660	46.897	-5.340	54.000	1.764	AV

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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



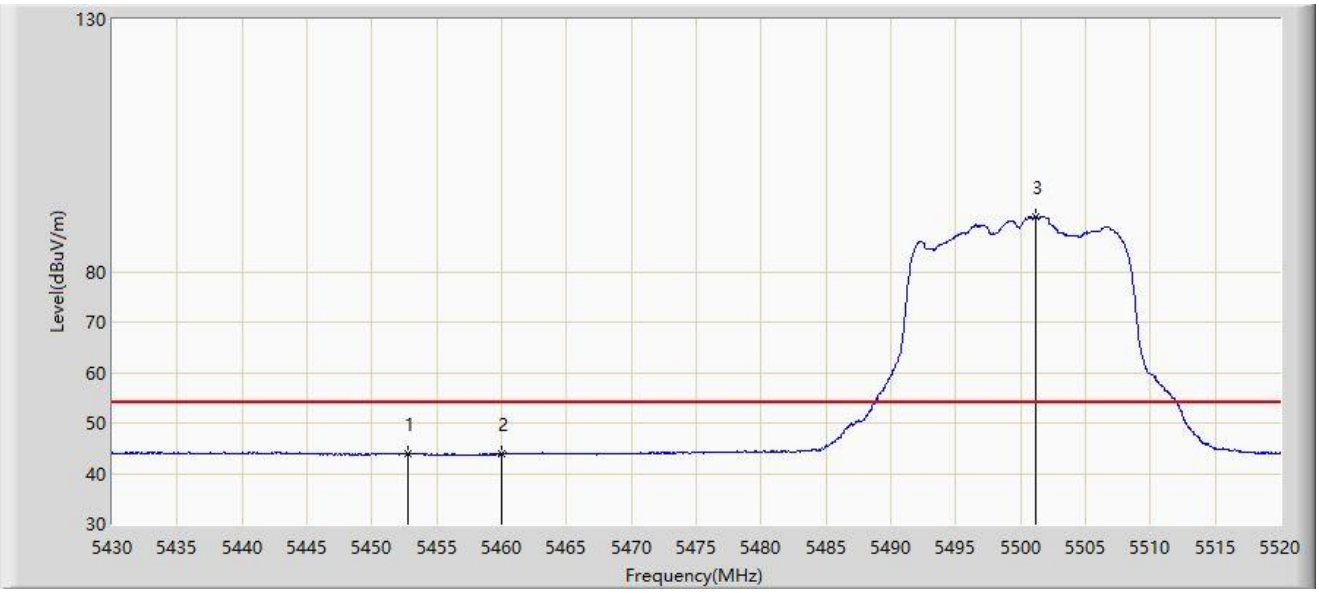
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5445.660	55.763	53.591	-18.237	74.000	2.172	PK
2		5460.000	54.237	52.130	-19.763	74.000	2.108	PK
3	*	5465.685	55.688	53.521	-12.512	68.200	2.168	PK
4		5470.000	54.393	52.181	-13.807	68.200	2.212	PK
5		5501.235	98.780	96.326	N/A	N/A	2.454	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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



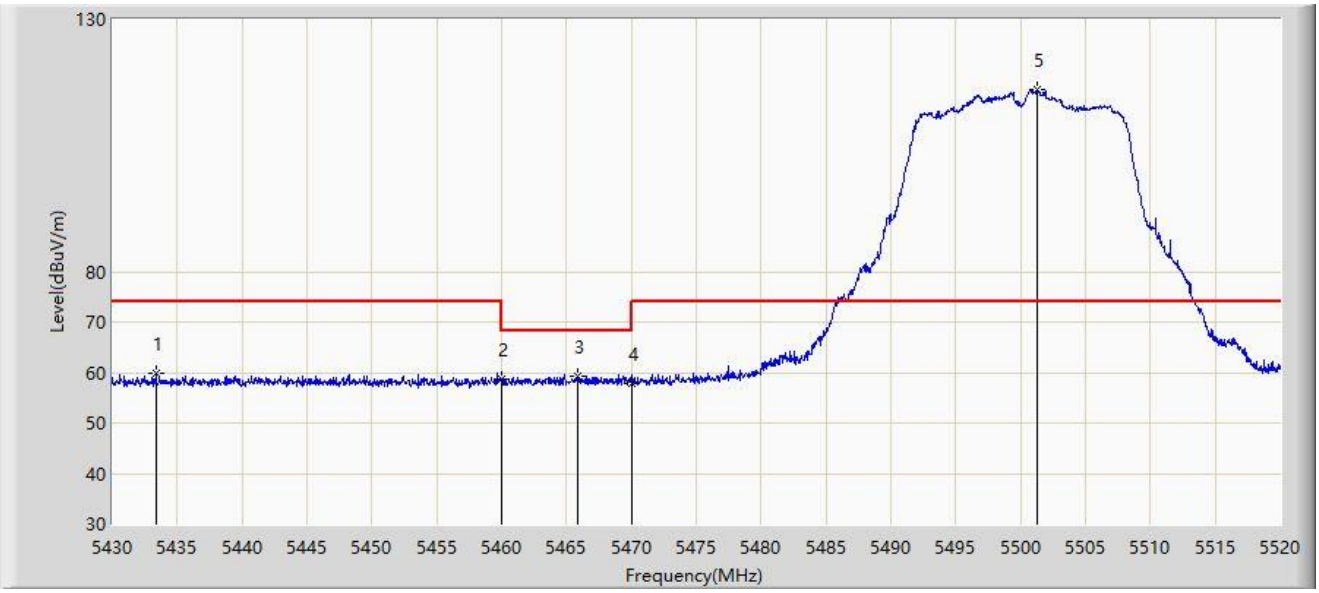
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5452.770	43.881	41.818	-10.119	54.000	2.063	AV
2		5460.000	43.815	41.708	-10.185	54.000	2.108	AV
3		5501.190	90.986	88.532	N/A	N/A	2.454	AV

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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



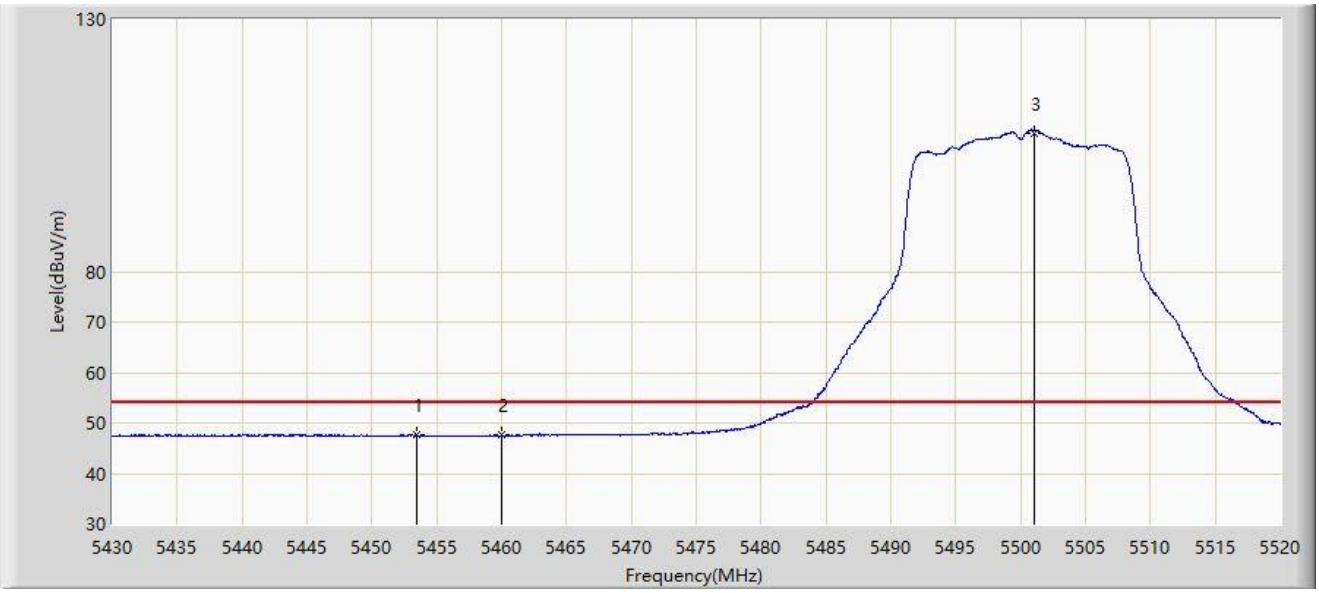
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5433.330	59.781	57.516	-14.219	74.000	2.265	PK
2		5460.000	58.682	56.575	-15.318	74.000	2.108	PK
3	*	5465.865	59.360	57.191	-8.840	68.200	2.169	PK
4		5470.000	57.956	55.744	-10.244	68.200	2.212	PK
5		5501.235	116.115	113.661	N/A	N/A	2.454	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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



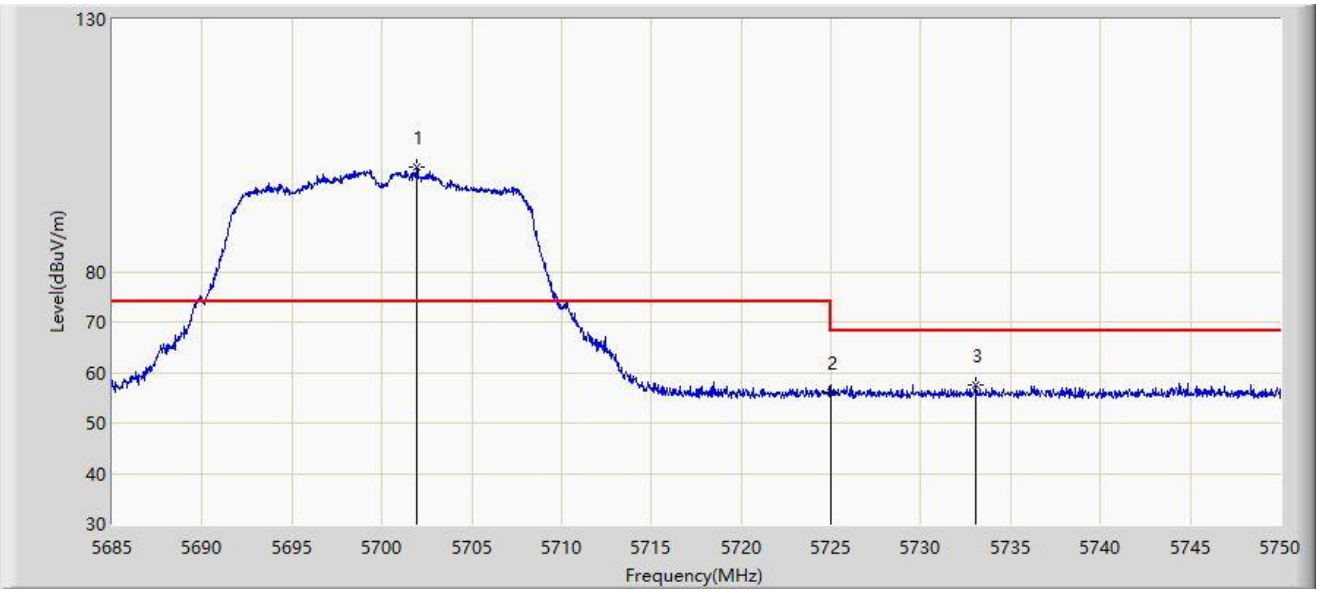
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5453.445	47.568	45.515	-6.432	54.000	2.053	AV
2		5460.000	47.556	45.449	-6.444	54.000	2.108	AV
3		5501.010	107.292	104.836	N/A	N/A	2.456	AV

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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



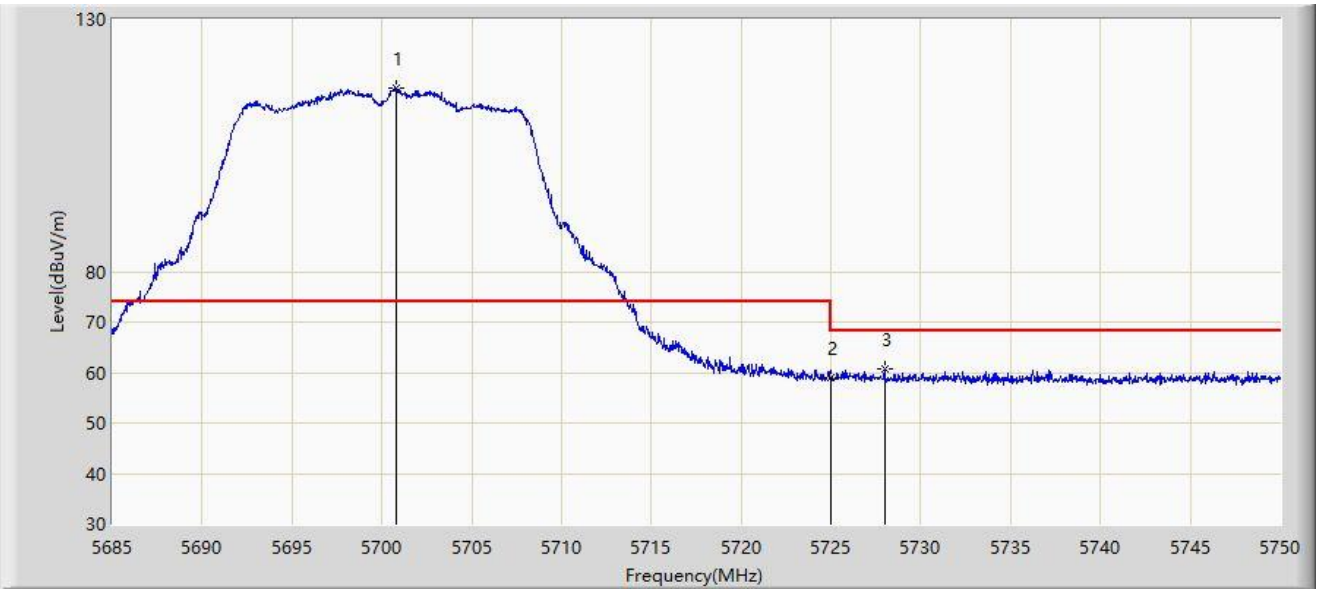
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5701.933	100.607	97.768	N/A	N/A	2.839	PK
2		5725.000	56.060	53.216	-12.140	68.200	2.844	PK
3	*	5733.035	57.526	54.602	-10.674	68.200	2.924	PK

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: 2023-07-31
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



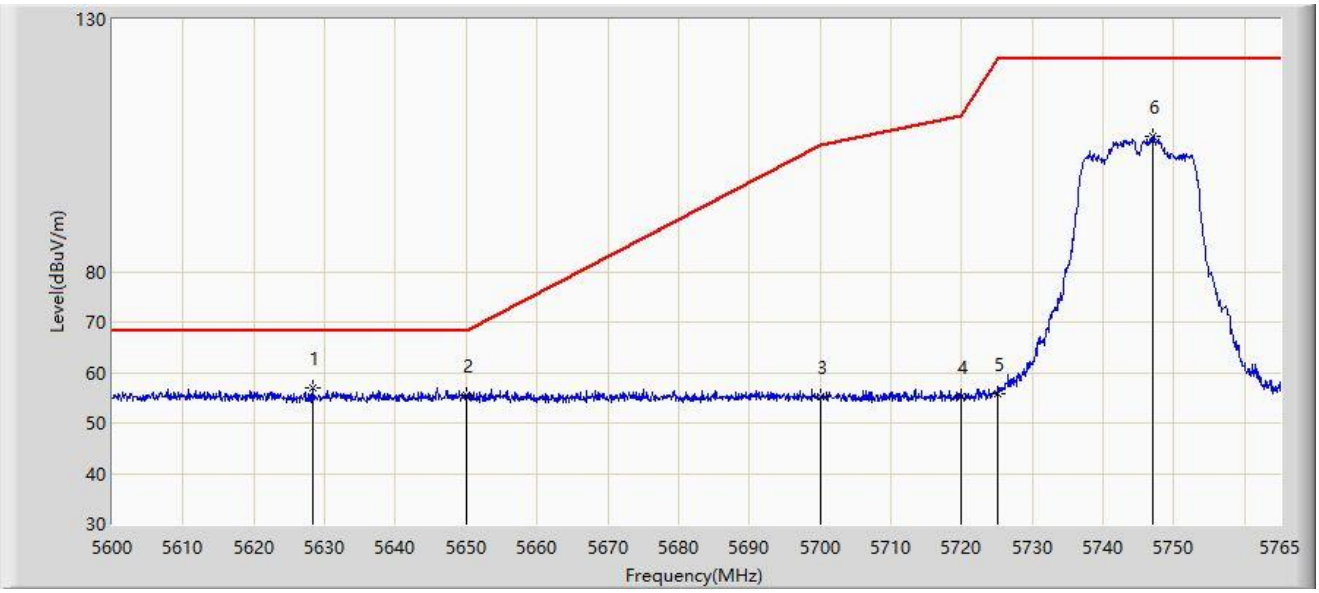
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5700.828	116.389	113.534	N/A	N/A	2.855	PK
2		5725.000	58.897	56.053	-9.303	68.200	2.844	PK
3	*	5727.998	60.605	57.733	-7.595	68.200	2.872	PK

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: 2023-07-31
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



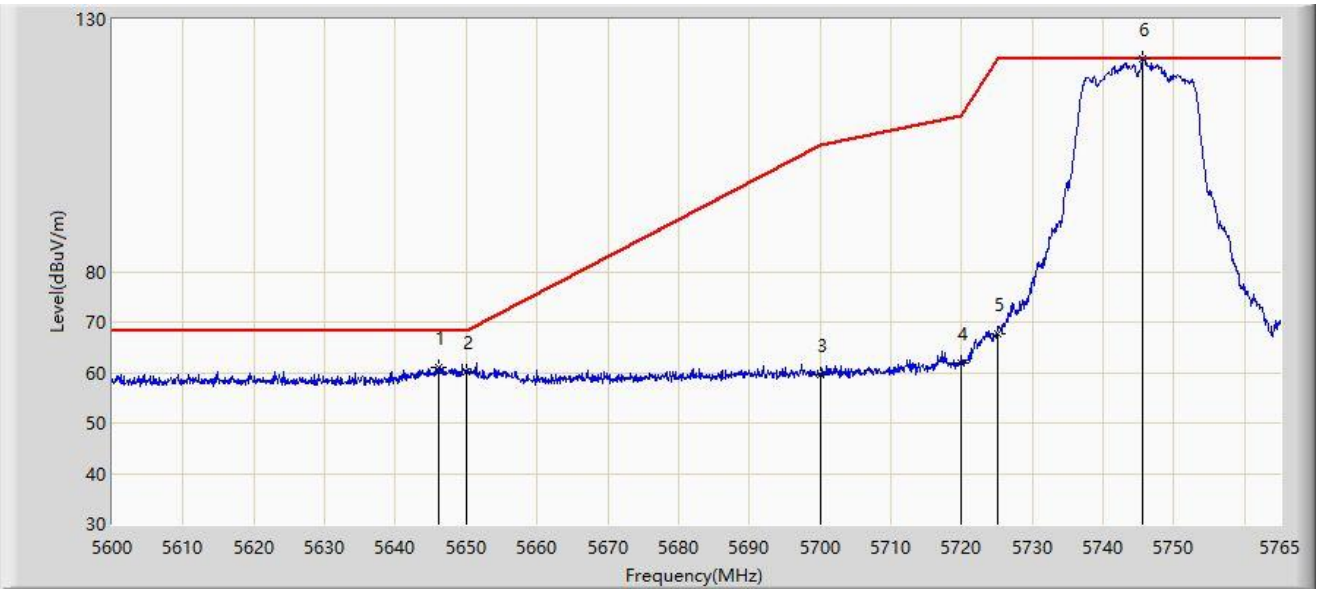
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5628.380	56.906	54.483	-11.294	68.200	2.423	PK
2		5650.000	55.450	52.899	-12.750	68.200	2.552	PK
3		5700.000	55.083	52.216	-50.117	105.200	2.867	PK
4		5720.000	55.231	52.421	-55.569	110.800	2.810	PK
5		5725.000	55.859	53.015	-66.341	122.200	2.844	PK
6		5747.015	106.817	103.755	N/A	N/A	3.062	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: 2023-07-31
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



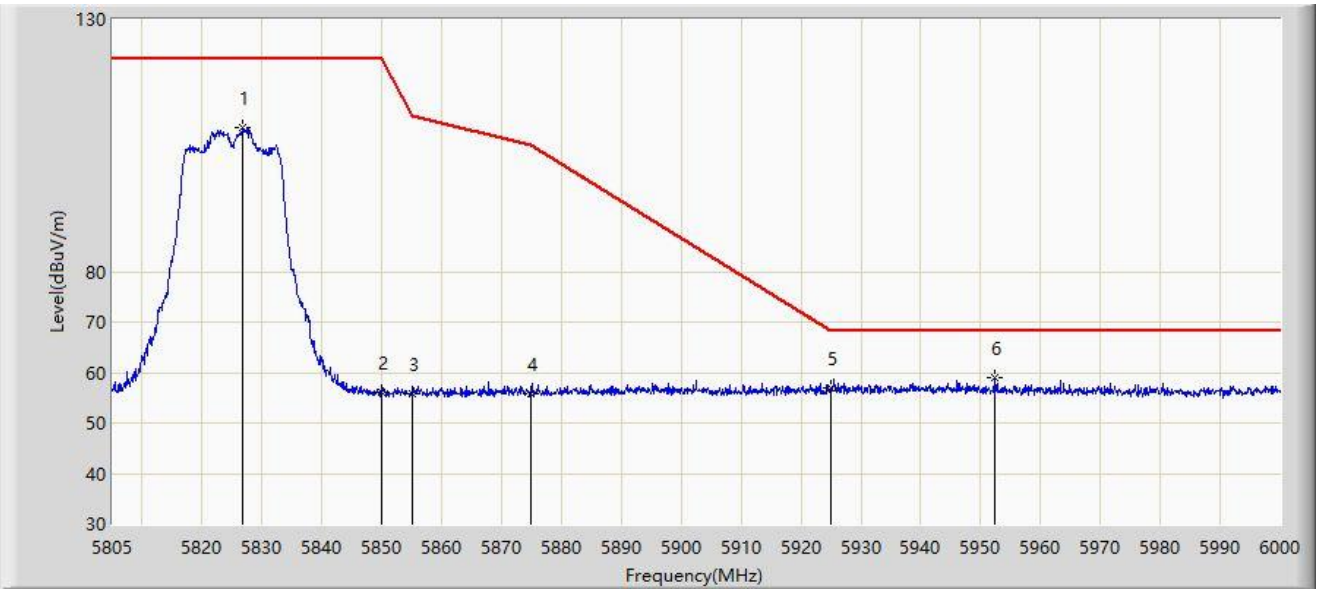
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5646.035	61.021	58.480	-7.179	68.200	2.542	PK
2		5650.000	60.233	57.682	-7.967	68.200	2.552	PK
3		5700.000	59.665	56.798	-45.535	105.200	2.867	PK
4		5720.000	61.777	58.967	-49.023	110.800	2.810	PK
5		5725.000	67.819	64.975	-54.381	122.200	2.844	PK
6		5745.612	122.158	119.108	N/A	N/A	3.049	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: 2023-07-31
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



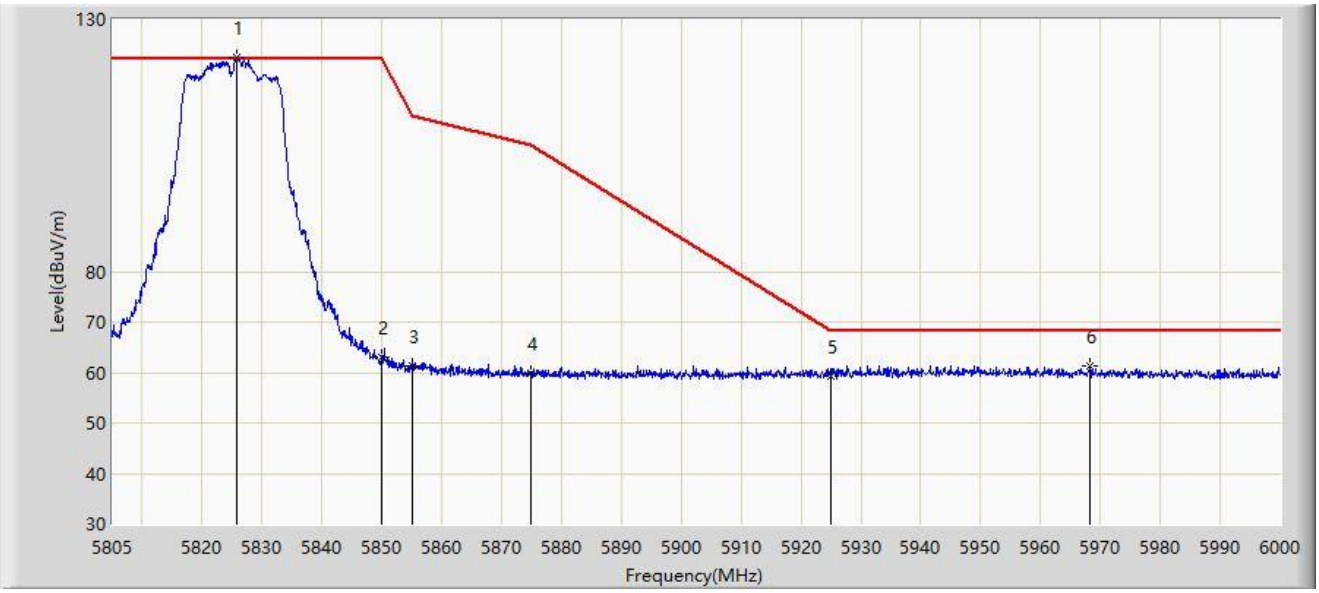
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5826.840	108.566	105.128	N/A	N/A	3.437	PK
2		5850.000	56.209	52.877	-65.991	122.200	3.333	PK
3		5855.000	55.908	52.568	-54.892	110.800	3.340	PK
4		5875.000	55.940	52.546	-49.260	105.200	3.393	PK
5		5925.000	56.890	53.125	-11.310	68.200	3.766	PK
6	*	5952.420	59.042	55.122	-9.158	68.200	3.921	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: 2023-07-31
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



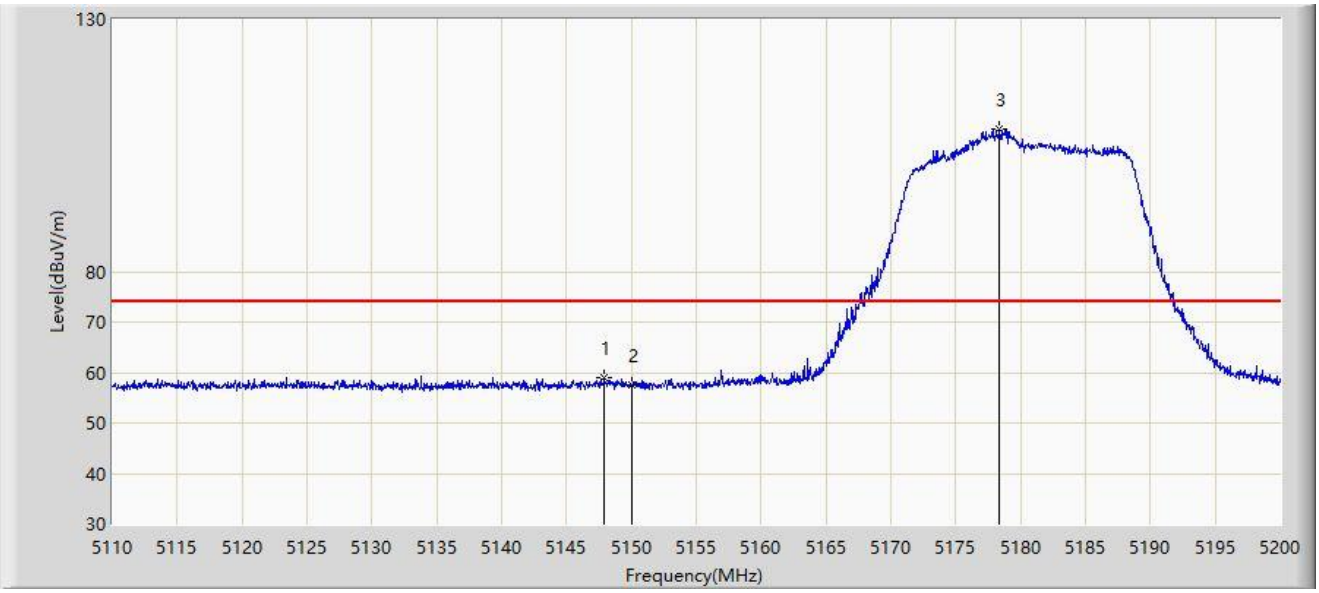
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5825.768	122.559	119.140	N/A	N/A	3.419	PK
2		5850.000	62.968	59.636	-59.232	122.200	3.333	PK
3		5855.000	61.196	57.856	-49.604	110.800	3.340	PK
4		5875.000	59.923	56.529	-45.277	105.200	3.393	PK
5		5925.000	59.393	55.628	-8.807	68.200	3.766	PK
6	*	5968.312	61.273	57.505	-6.927	68.200	3.768	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



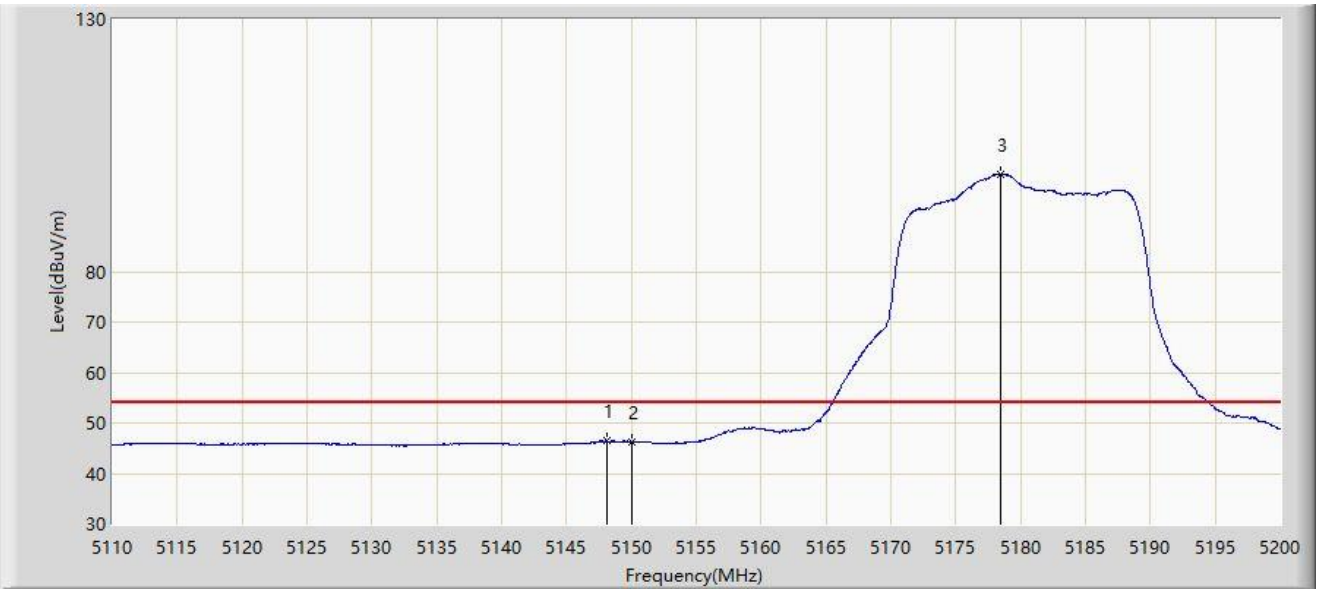
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.890	58.929	56.358	-15.071	74.000	2.571	PK
2		5150.000	57.441	54.882	-16.559	74.000	2.559	PK
3		5178.400	108.126	106.108	N/A	N/A	2.018	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



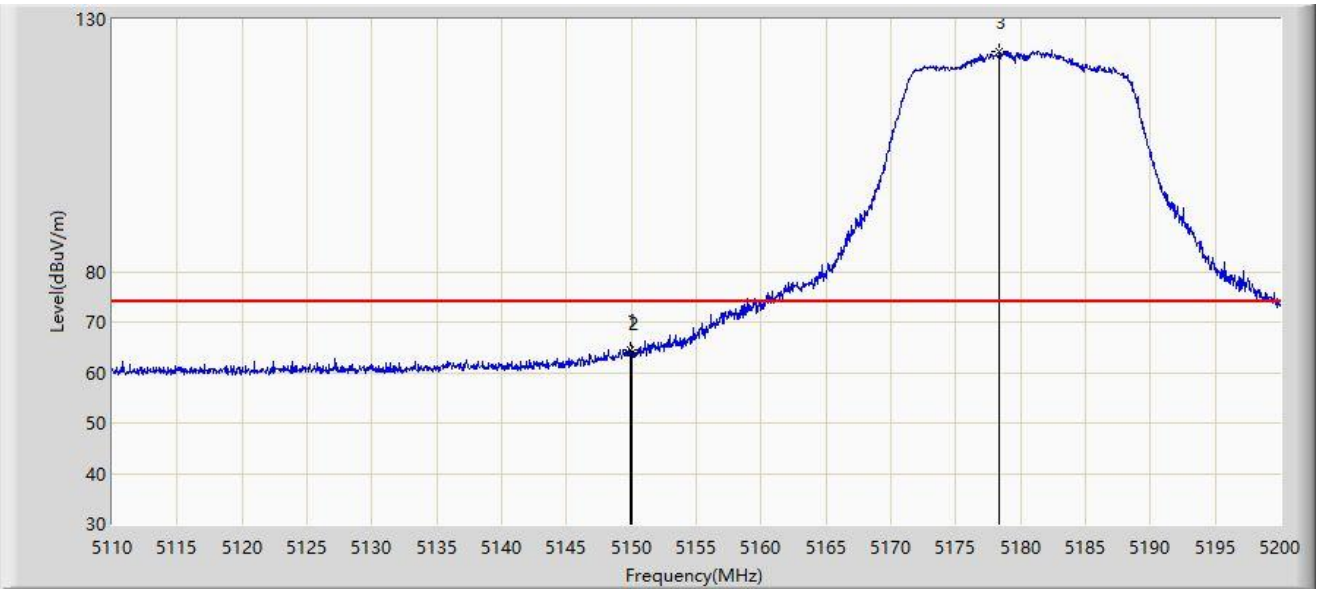
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.070	46.432	43.859	-7.568	54.000	2.573	AV
2		5150.000	46.282	43.723	-7.718	54.000	2.559	AV
3		5178.445	99.338	97.321	N/A	N/A	2.017	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



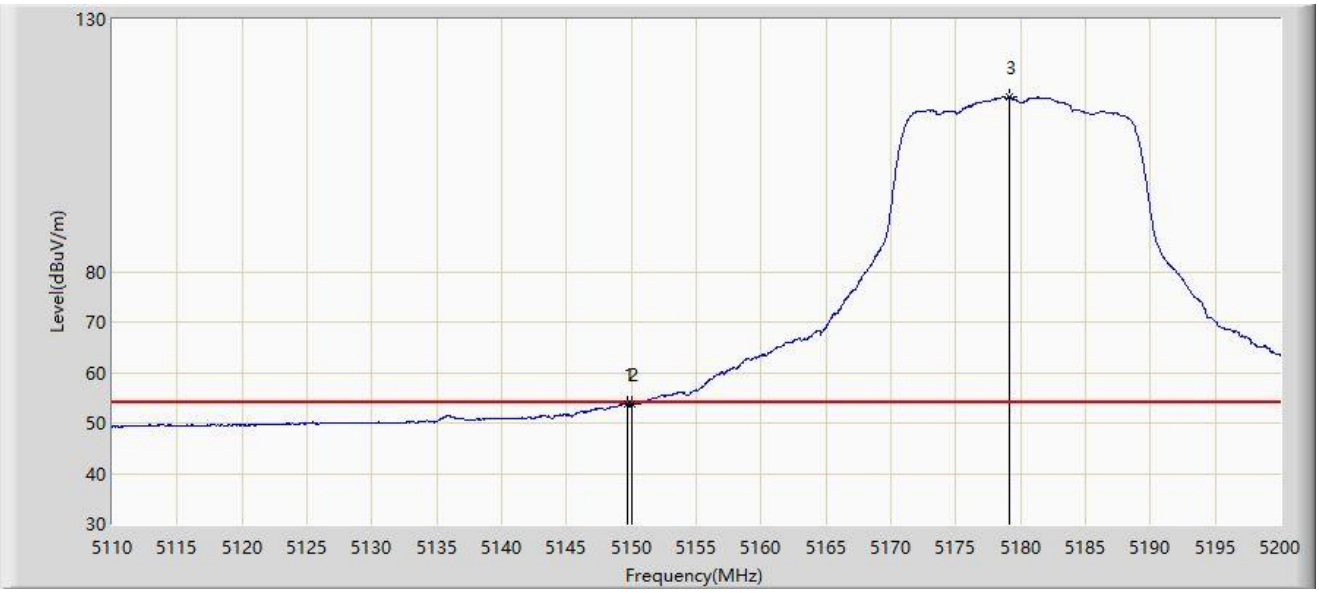
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.870	64.532	61.972	-9.468	74.000	2.560	PK
2		5150.000	63.963	61.404	-10.037	74.000	2.559	PK
3		5178.400	123.698	121.680	N/A	N/A	2.018	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



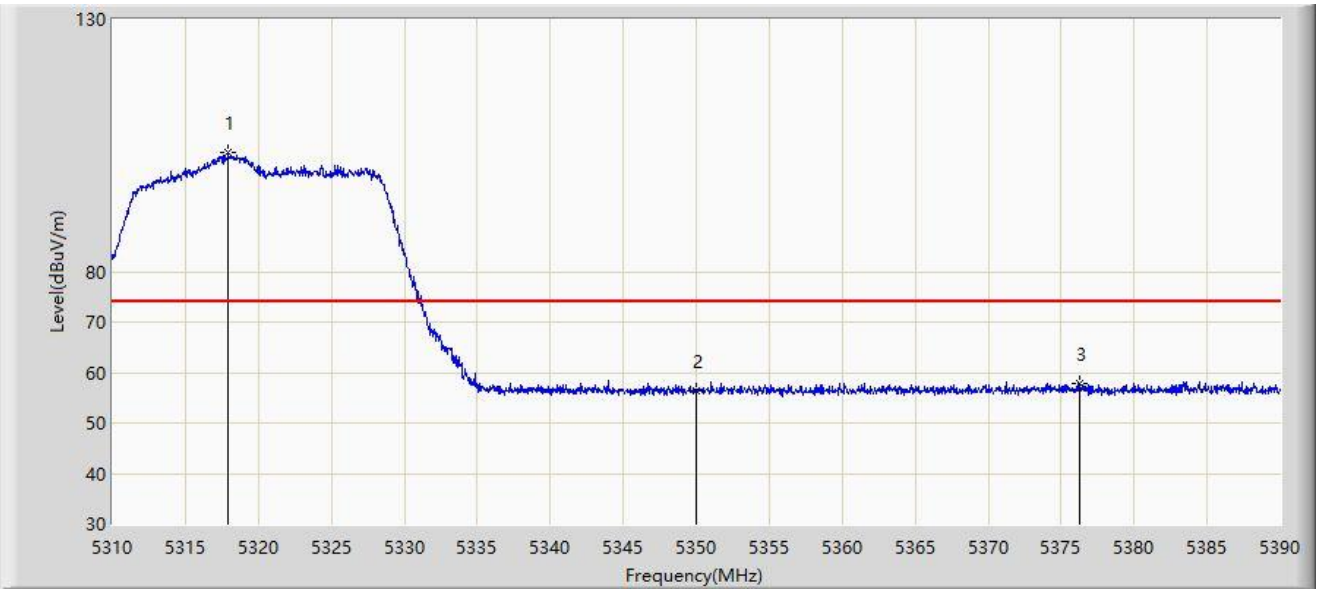
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.735	53.845	51.284	-0.155	54.000	2.561	AV
2		5150.000	53.768	51.209	-0.232	54.000	2.559	AV
3		5179.120	114.595	112.600	N/A	N/A	1.996	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



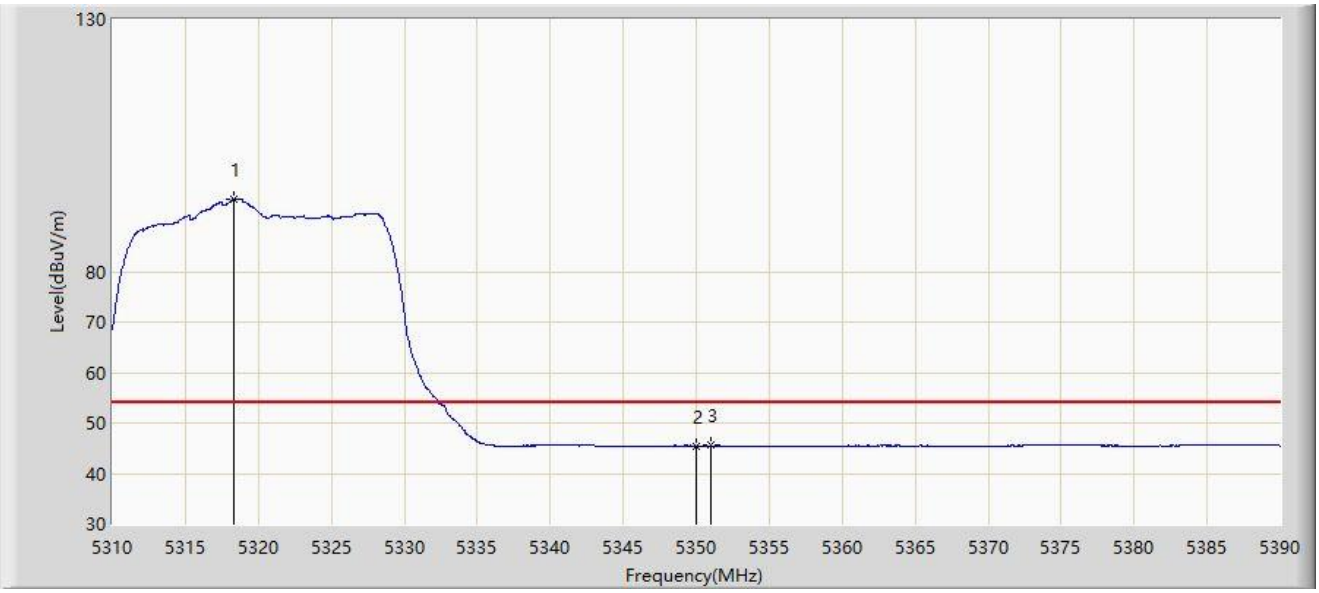
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5317.920	103.561	102.007	N/A	N/A	1.554	PK
2		5350.000	56.285	54.775	-17.715	74.000	1.510	PK
3	*	5376.280	57.837	56.073	-16.163	74.000	1.764	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



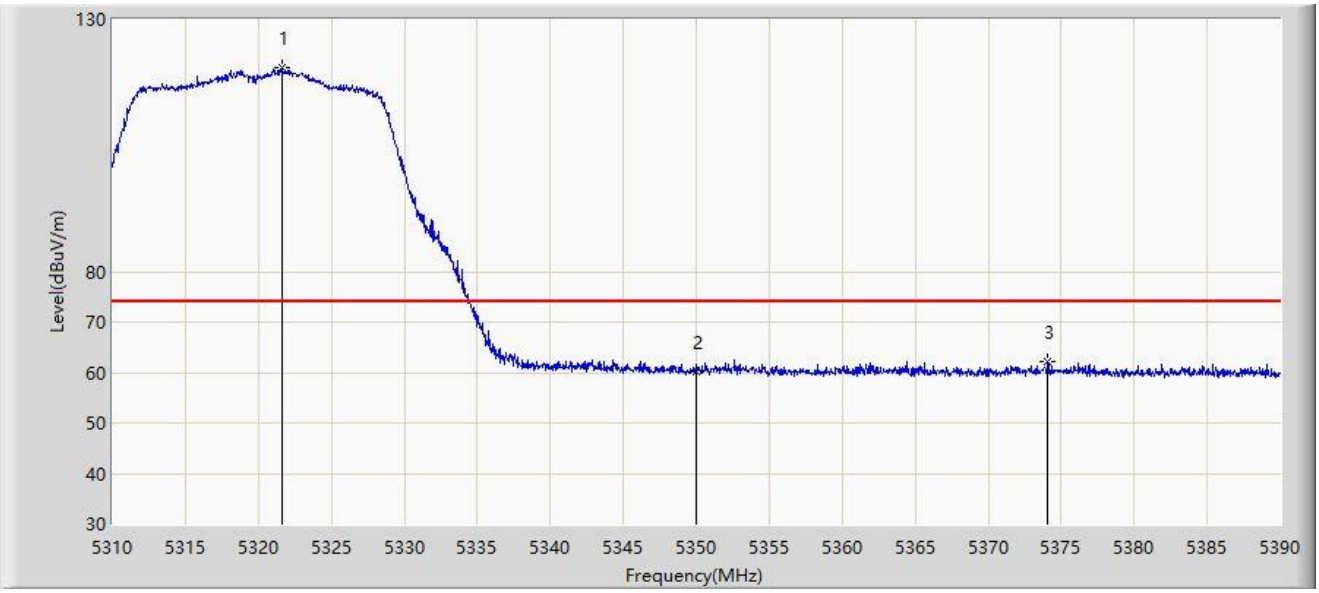
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.280	94.250	92.697	N/A	N/A	1.553	AV
2		5350.000	45.471	43.961	-8.529	54.000	1.510	AV
3	*	5351.000	45.538	44.030	-8.462	54.000	1.508	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



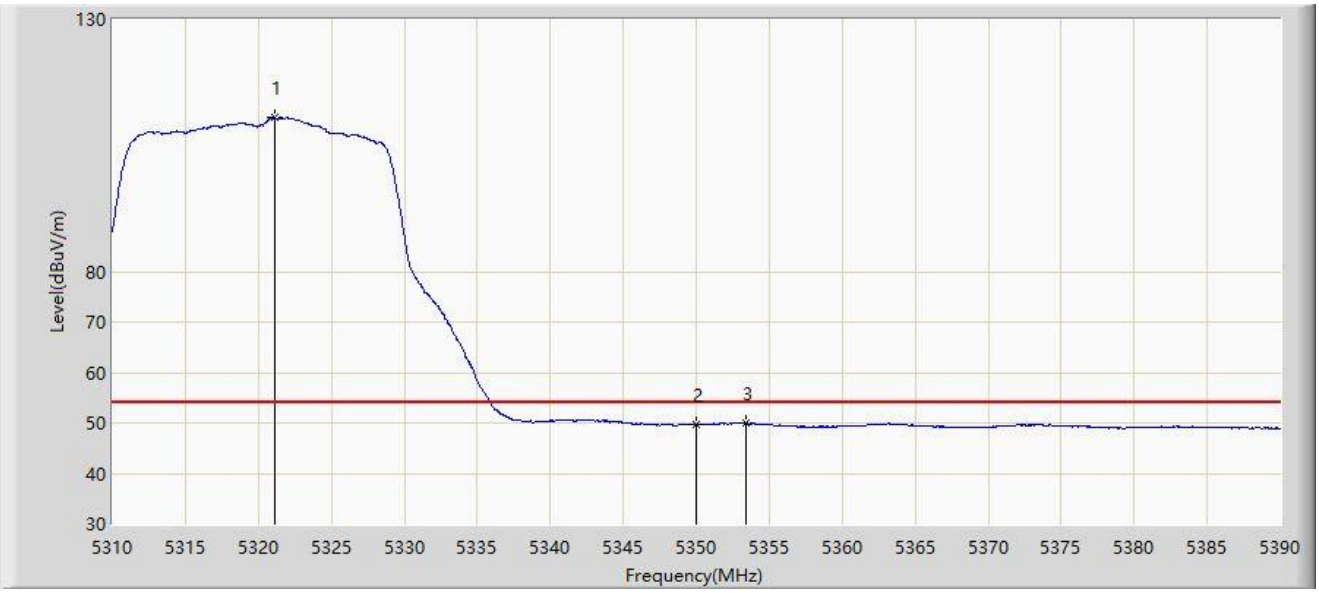
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5321.600	120.577	119.026	N/A	N/A	1.551	PK
2		5350.000	60.274	58.764	-13.726	74.000	1.510	PK
3	*	5374.080	62.166	60.408	-11.834	74.000	1.758	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



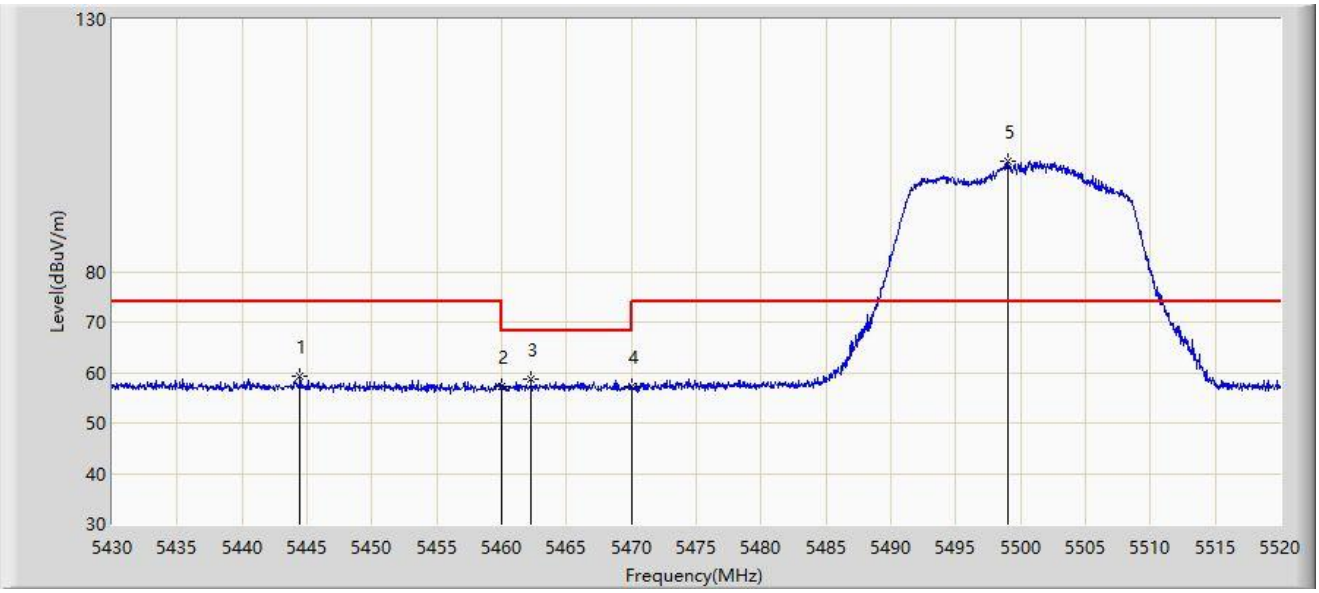
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5321.080	110.534	108.983	N/A	N/A	1.551	AV
2		5350.000	49.672	48.162	-4.328	54.000	1.510	AV
3	*	5353.400	49.998	48.472	-4.002	54.000	1.525	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



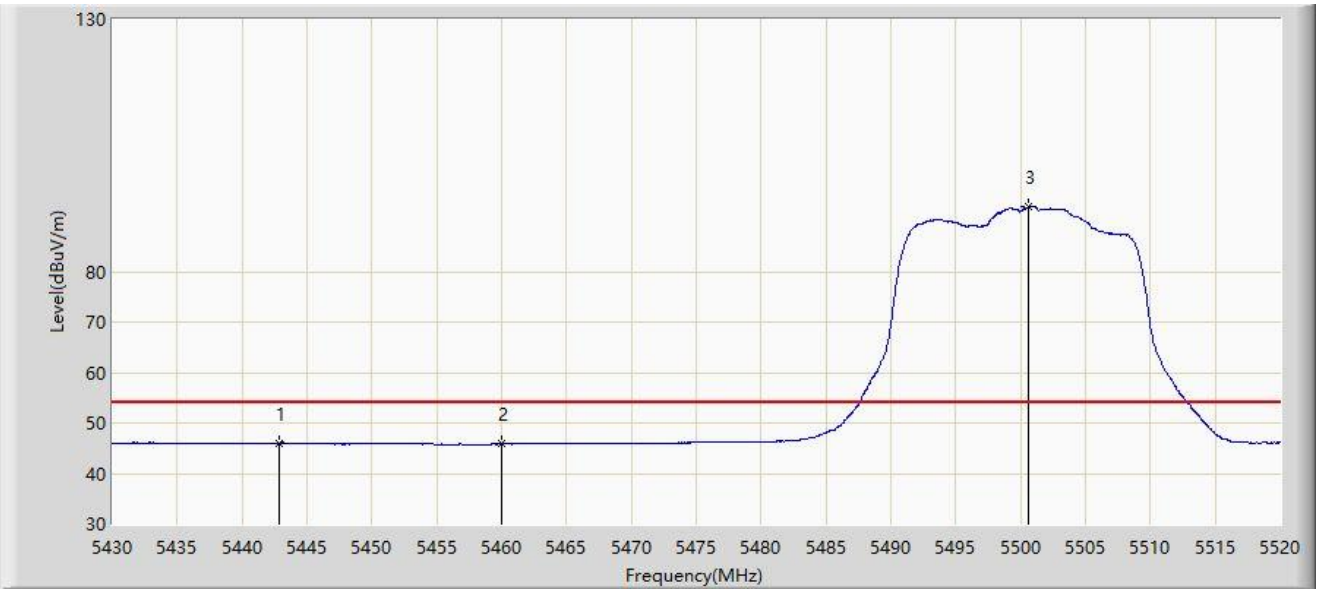
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5444.490	59.224	57.034	-14.776	74.000	2.191	PK
2		5460.000	57.242	55.135	-16.758	74.000	2.108	PK
3	*	5462.310	58.771	56.640	-9.429	68.200	2.132	PK
4		5470.000	57.183	54.971	-11.017	68.200	2.212	PK
5		5499.075	101.883	99.405	N/A	N/A	2.477	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



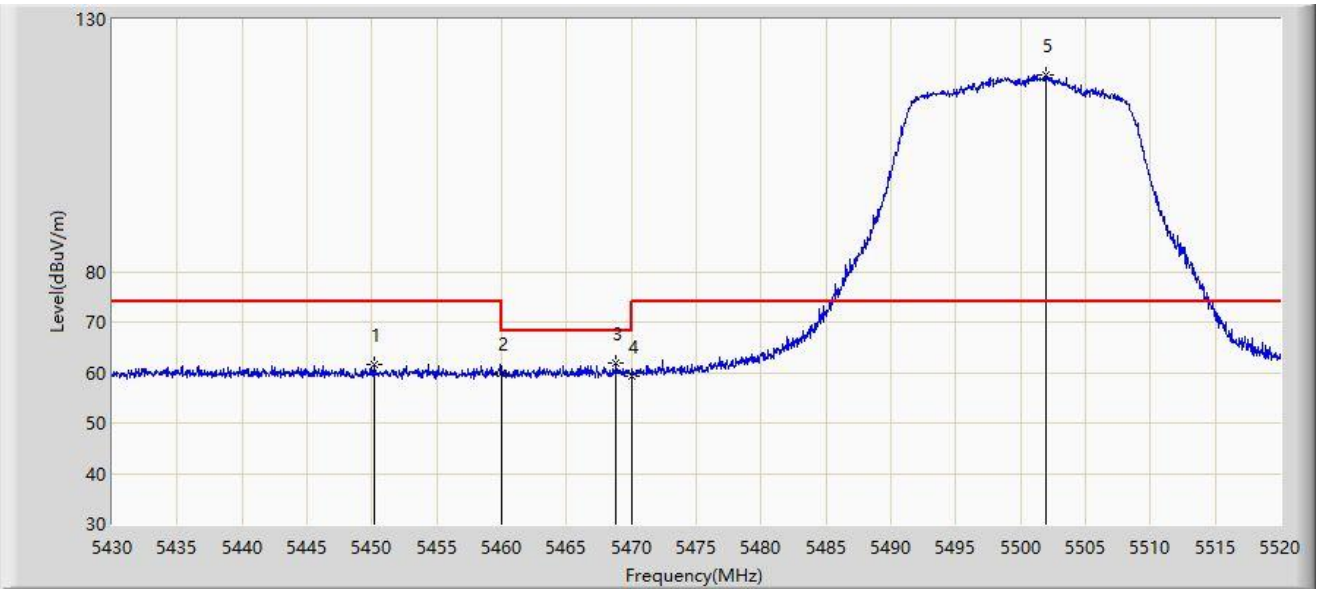
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5442.825	46.019	43.803	-7.981	54.000	2.216	AV
2		5460.000	45.841	43.734	-8.159	54.000	2.108	AV
3		5500.605	92.808	90.347	N/A	N/A	2.460	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



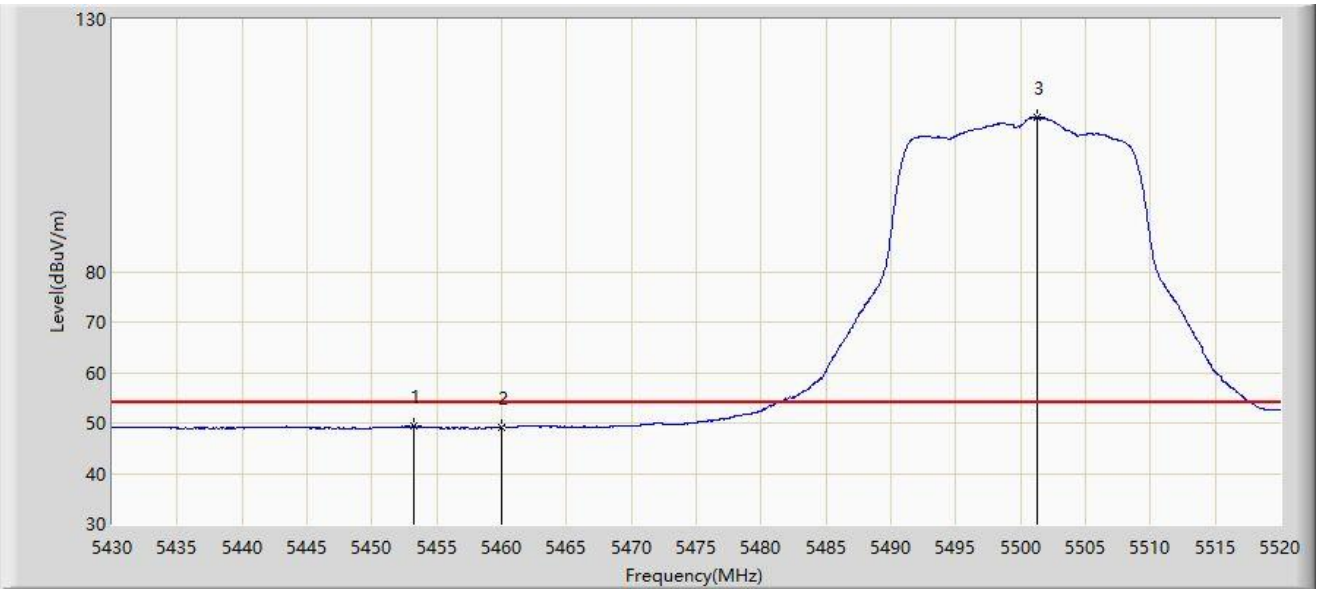
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5450.160	61.689	59.586	-12.311	74.000	2.103	PK
2		5460.000	59.828	57.721	-14.172	74.000	2.108	PK
3	*	5468.835	61.852	59.652	-6.348	68.200	2.200	PK
4		5470.000	59.276	57.064	-8.924	68.200	2.212	PK
5		5501.955	119.076	116.630	N/A	N/A	2.446	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



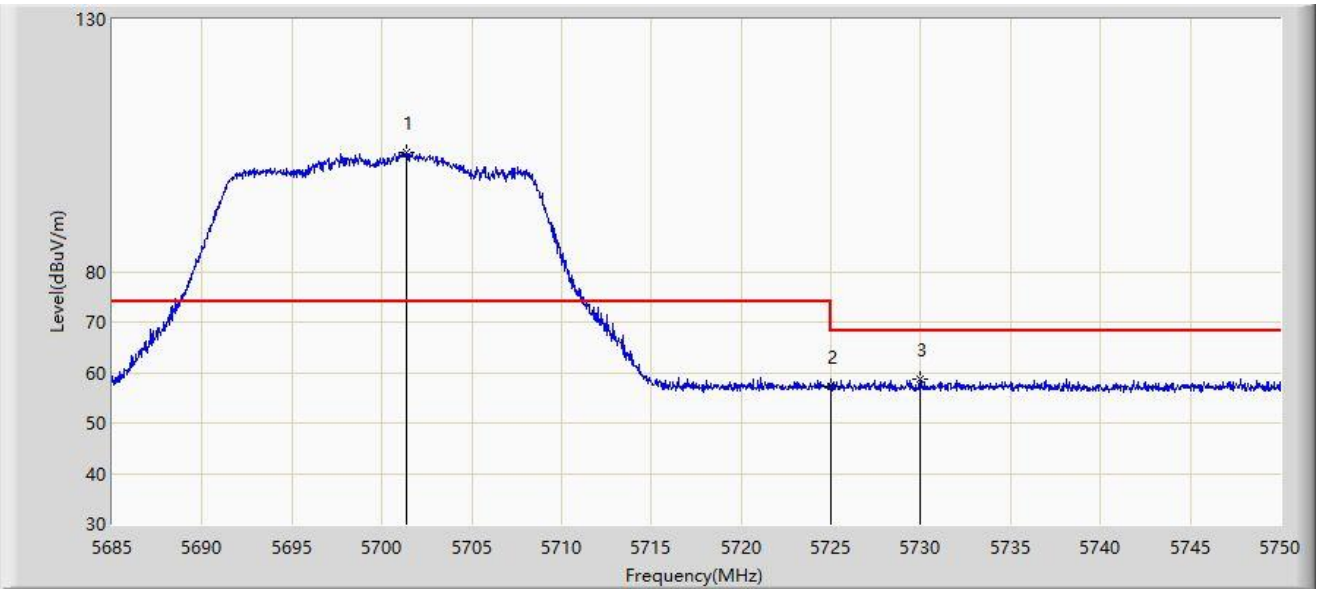
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5453.265	49.311	47.256	-4.689	54.000	2.056	AV
2		5460.000	49.192	47.085	-4.808	54.000	2.108	AV
3		5501.325	110.551	108.098	N/A	N/A	2.453	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



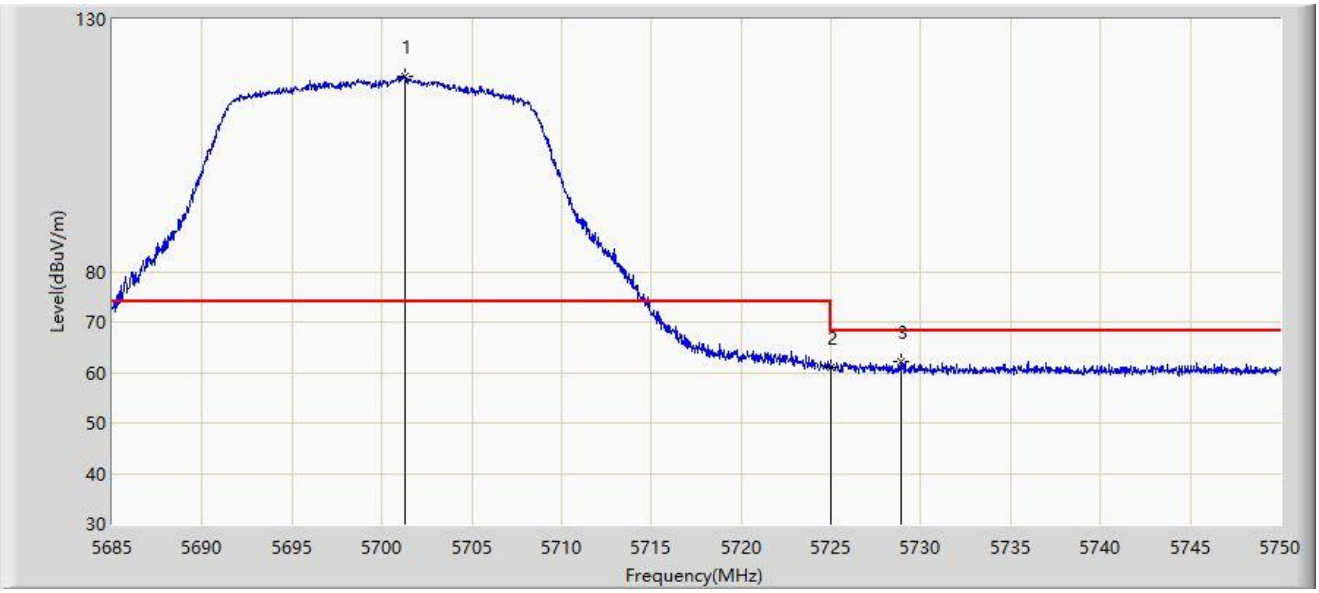
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5701.348	103.680	100.832	N/A	N/A	2.847	PK
2		5725.000	57.324	54.480	-10.876	68.200	2.844	PK
3	*	5729.980	58.678	55.786	-9.522	68.200	2.892	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



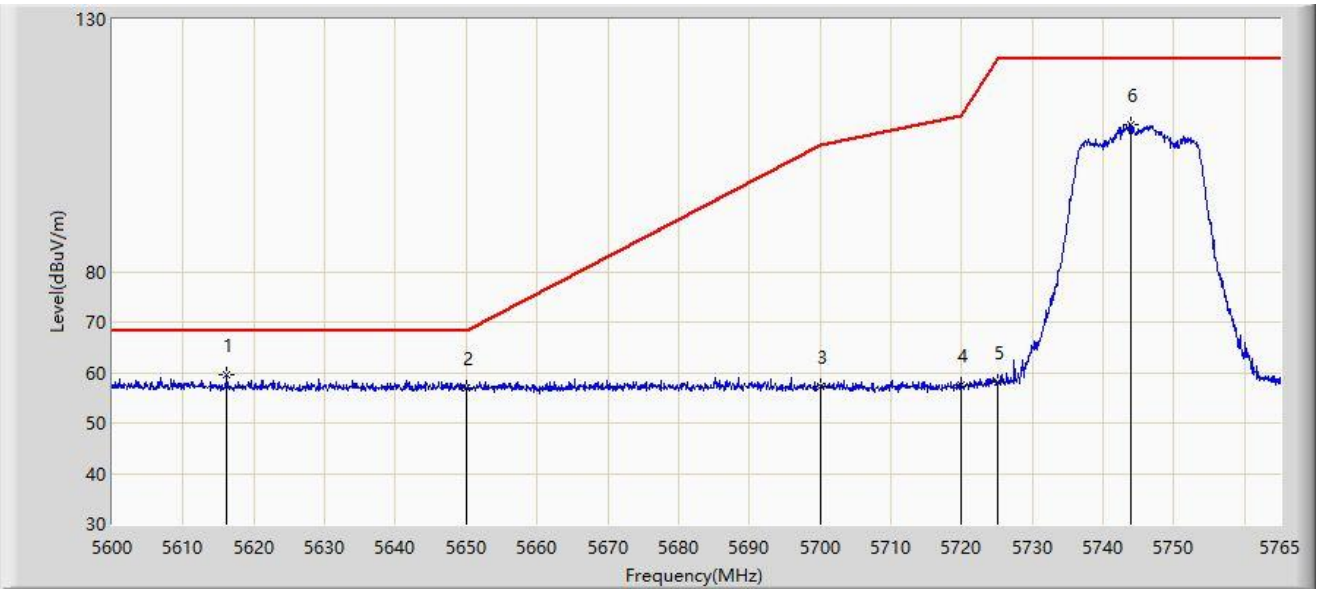
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5701.283	118.735	115.886	N/A	N/A	2.848	PK
2		5725.000	60.899	58.055	-7.301	68.200	2.844	PK
3	*	5728.875	62.044	59.163	-6.156	68.200	2.881	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



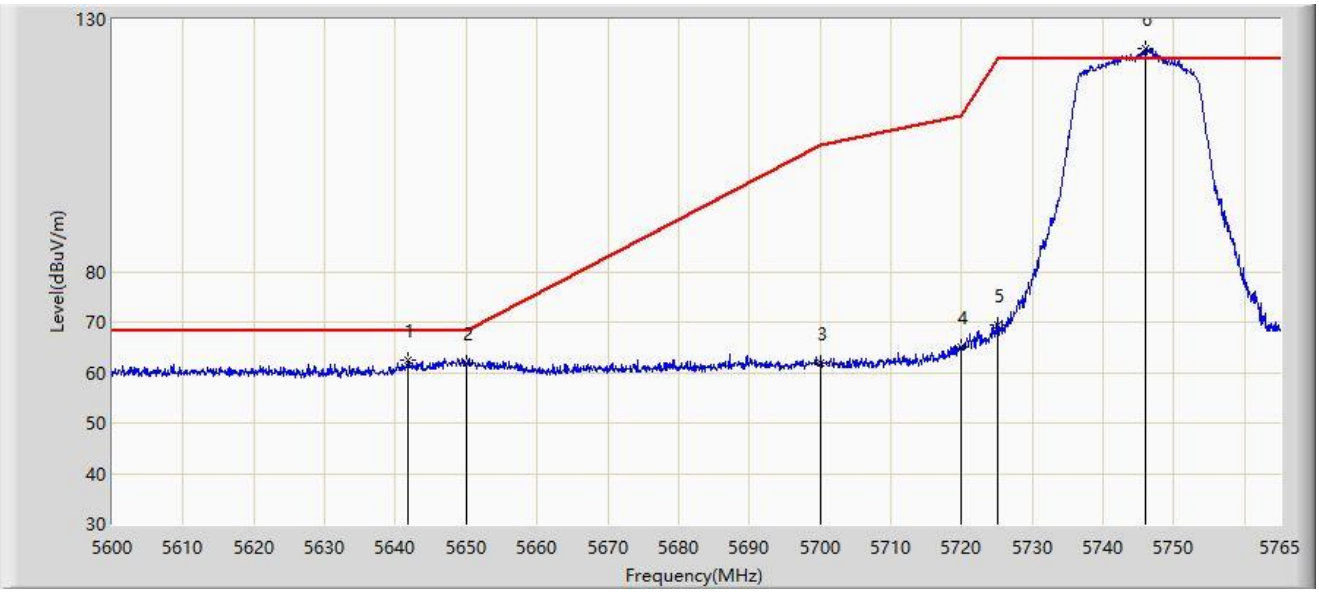
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5616.170	59.467	57.063	-8.733	68.200	2.404	PK
2		5650.000	56.957	54.406	-11.243	68.200	2.552	PK
3		5700.000	57.390	54.523	-47.810	105.200	2.867	PK
4		5720.000	57.465	54.655	-53.335	110.800	2.810	PK
5		5725.000	58.135	55.291	-64.065	122.200	2.844	PK
6		5743.880	109.260	106.225	N/A	N/A	3.036	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



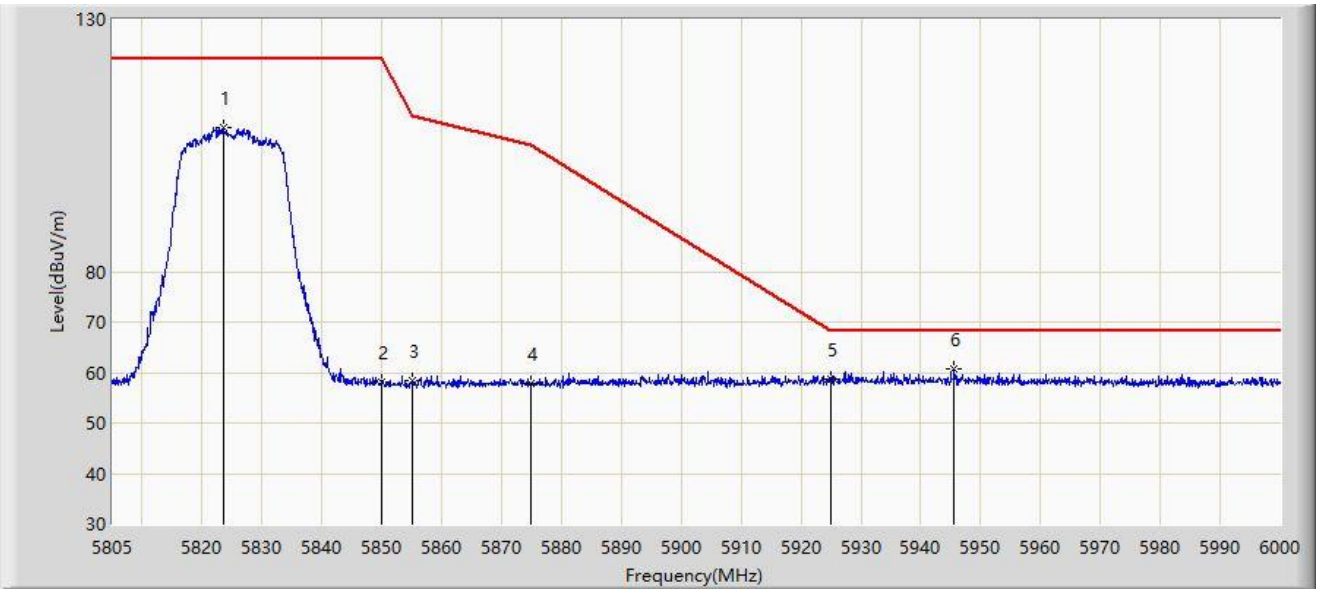
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5641.828	62.495	59.965	-5.705	68.200	2.530	PK
2		5650.000	61.762	59.211	-6.438	68.200	2.552	PK
3		5700.000	61.912	59.045	-43.288	105.200	2.867	PK
4		5720.000	65.113	62.303	-45.687	110.800	2.810	PK
5		5725.000	69.375	66.531	-52.825	122.200	2.844	PK
6		5746.025	124.343	121.290	N/A	N/A	3.053	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



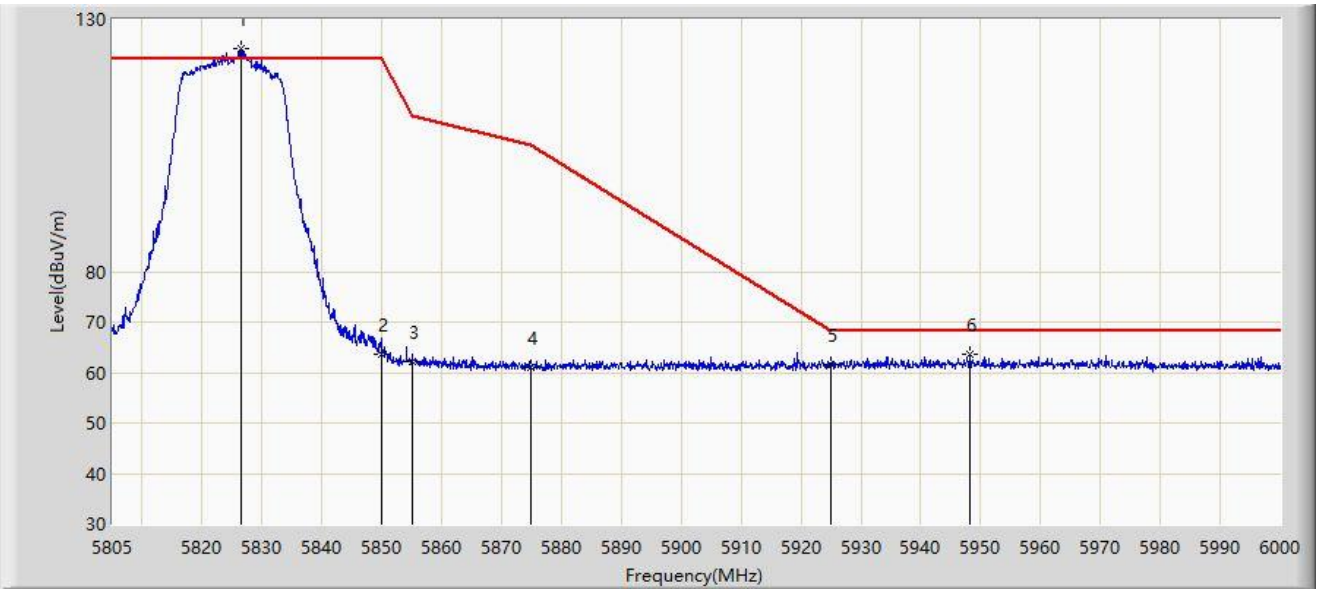
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5823.623	108.589	105.208	N/A	N/A	3.380	PK
2		5850.000	57.975	54.643	-64.225	122.200	3.333	PK
3		5855.000	58.280	54.940	-52.520	110.800	3.340	PK
4		5875.000	57.888	54.494	-47.312	105.200	3.393	PK
5		5925.000	58.770	55.005	-9.430	68.200	3.766	PK
6	*	5945.595	60.752	56.791	-7.448	68.200	3.961	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



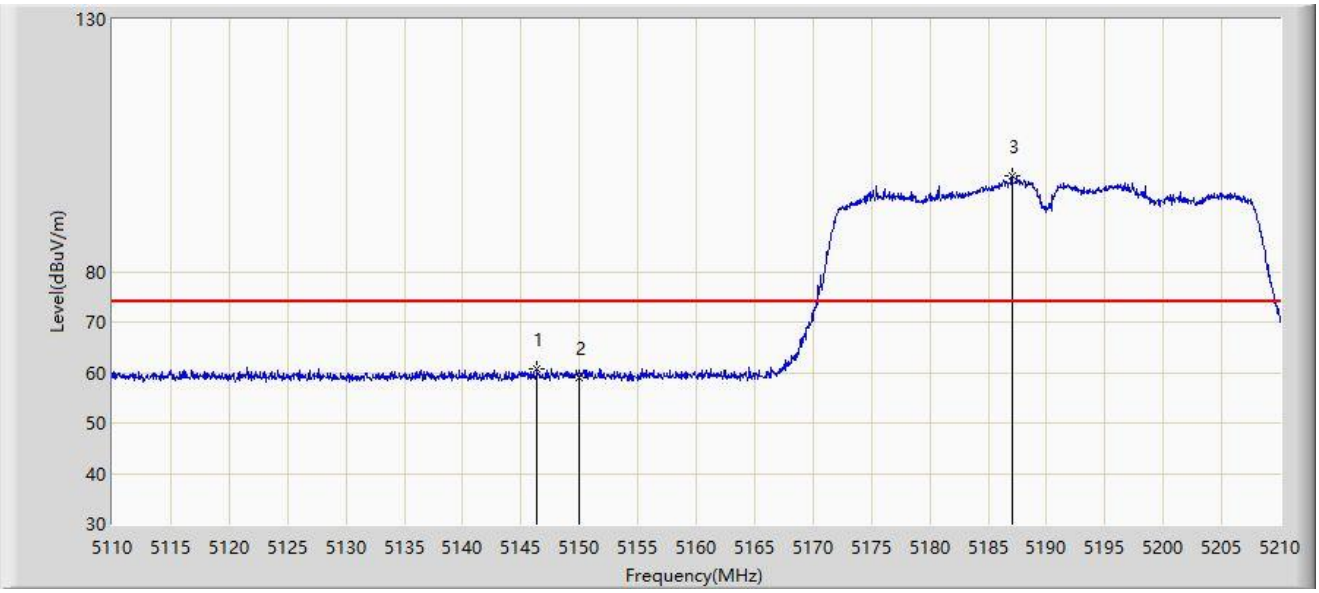
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5826.547	124.178	120.746	N/A	N/A	3.432	PK
2		5850.000	63.615	60.283	-58.585	122.200	3.333	PK
3		5855.000	62.051	58.711	-48.749	110.800	3.340	PK
4		5875.000	61.072	57.678	-44.128	105.200	3.393	PK
5		5925.000	61.501	57.736	-6.699	68.200	3.766	PK
6	*	5948.228	63.498	59.539	-4.702	68.200	3.959	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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



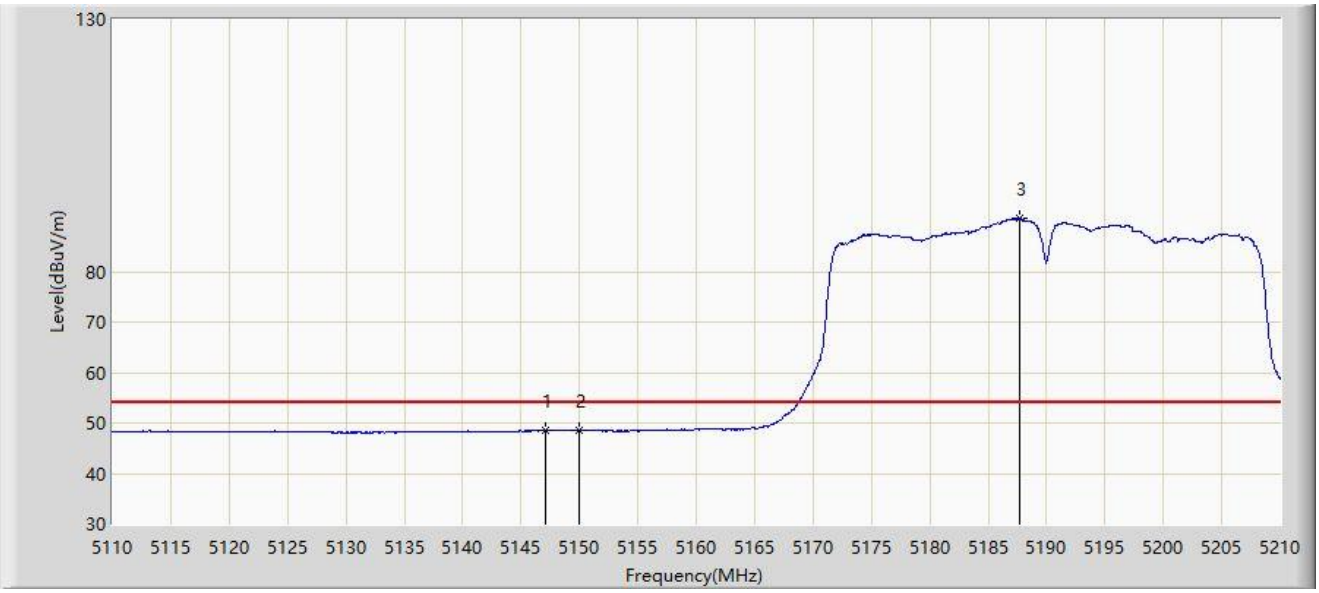
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5146.400	60.722	58.184	-13.278	74.000	2.537	PK
2		5150.000	59.055	56.496	-14.945	74.000	2.559	PK
3		5187.050	99.108	97.243	N/A	N/A	1.866	PK

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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



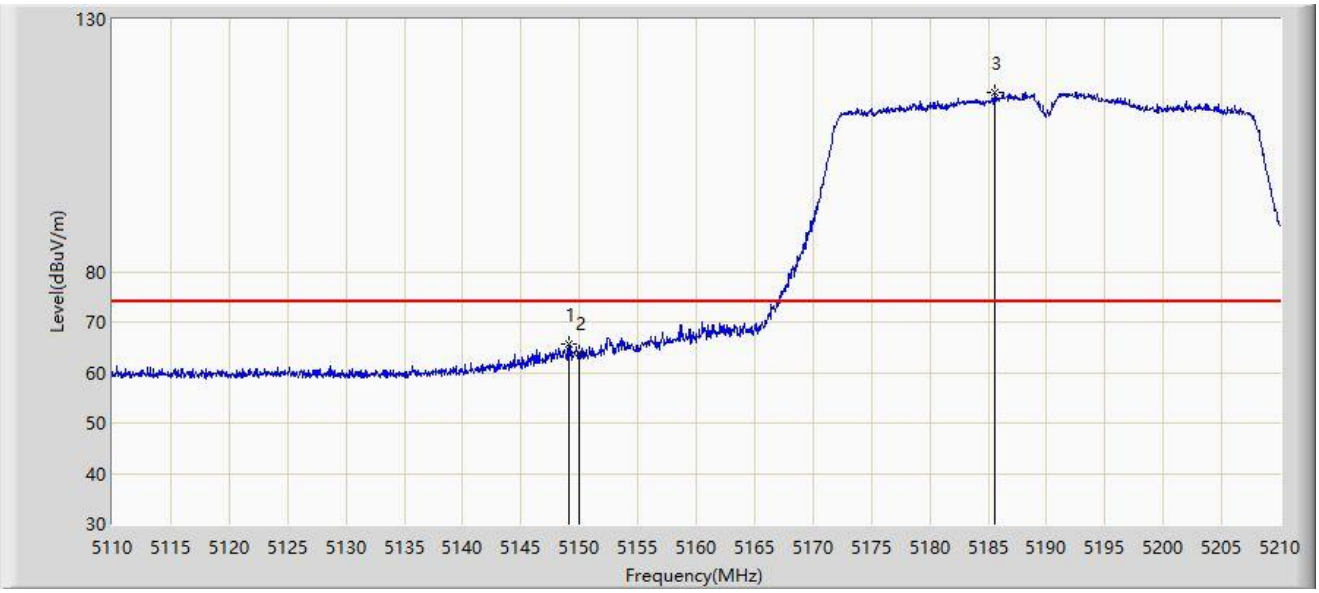
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.100	48.610	46.057	-5.390	54.000	2.553	AV
2		5150.000	48.536	45.977	-5.464	54.000	2.559	AV
3		5187.700	90.470	88.609	N/A	N/A	1.861	AV

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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



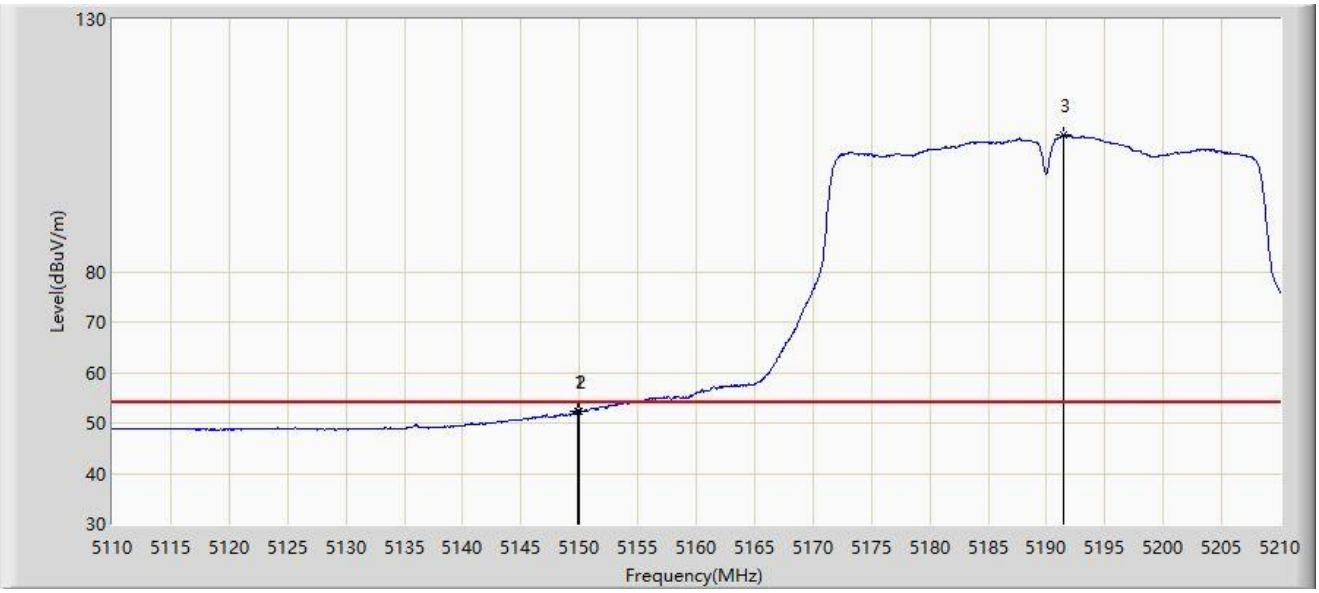
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.050	65.585	63.019	-8.415	74.000	2.566	PK
2		5150.000	63.809	61.250	-10.191	74.000	2.559	PK
3		5185.550	115.575	113.699	N/A	N/A	1.876	PK

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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



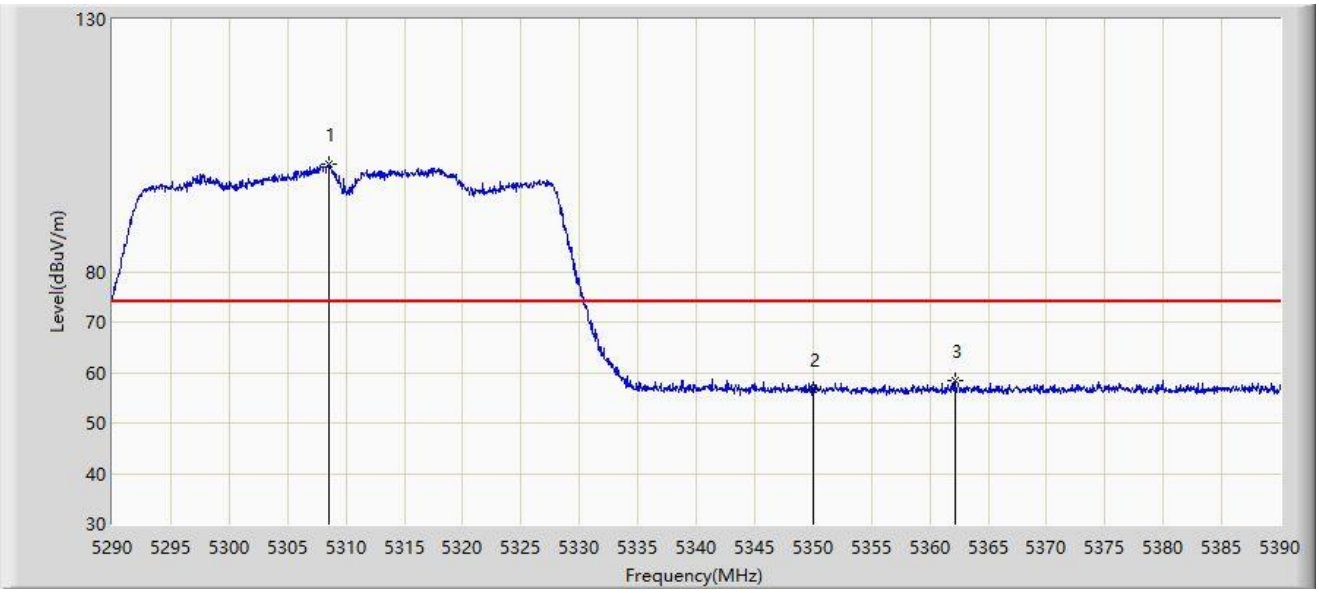
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.800	52.407	49.846	-1.593	54.000	2.560	AV
2		5150.000	52.374	49.815	-1.626	54.000	2.559	AV
3		5191.500	107.053	105.219	N/A	N/A	1.834	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



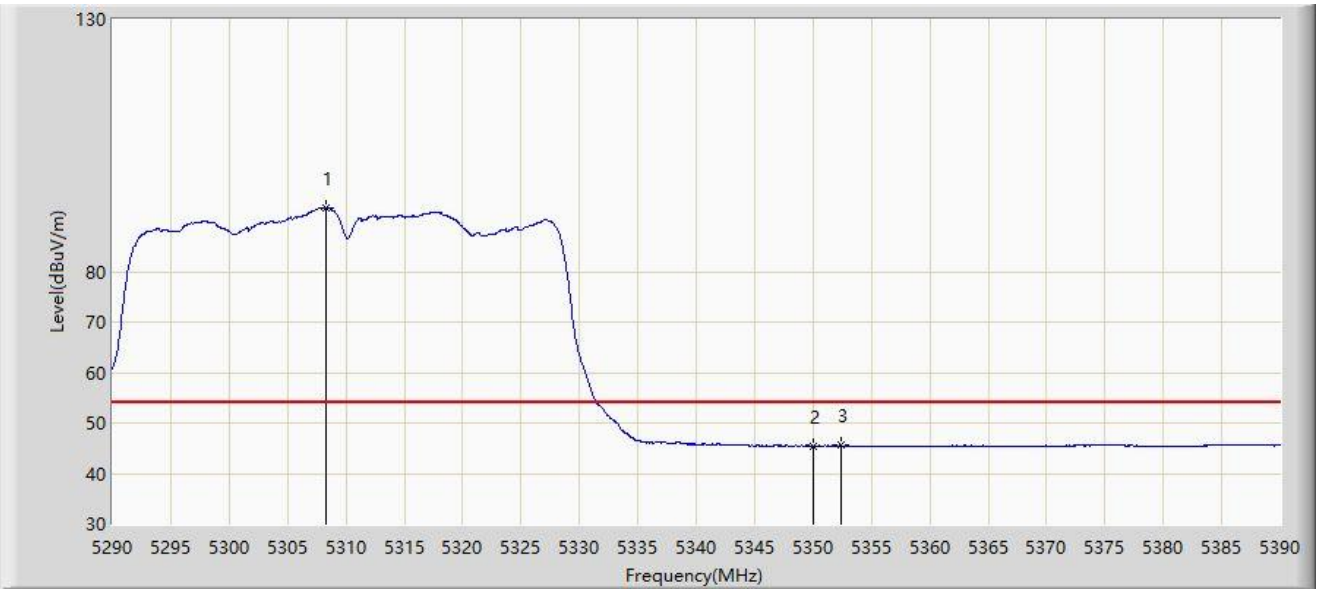
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5308.600	101.268	99.597	N/A	N/A	1.670	PK
2		5350.000	56.742	55.232	-17.258	74.000	1.510	PK
3	*	5362.150	58.398	56.750	-15.602	74.000	1.647	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



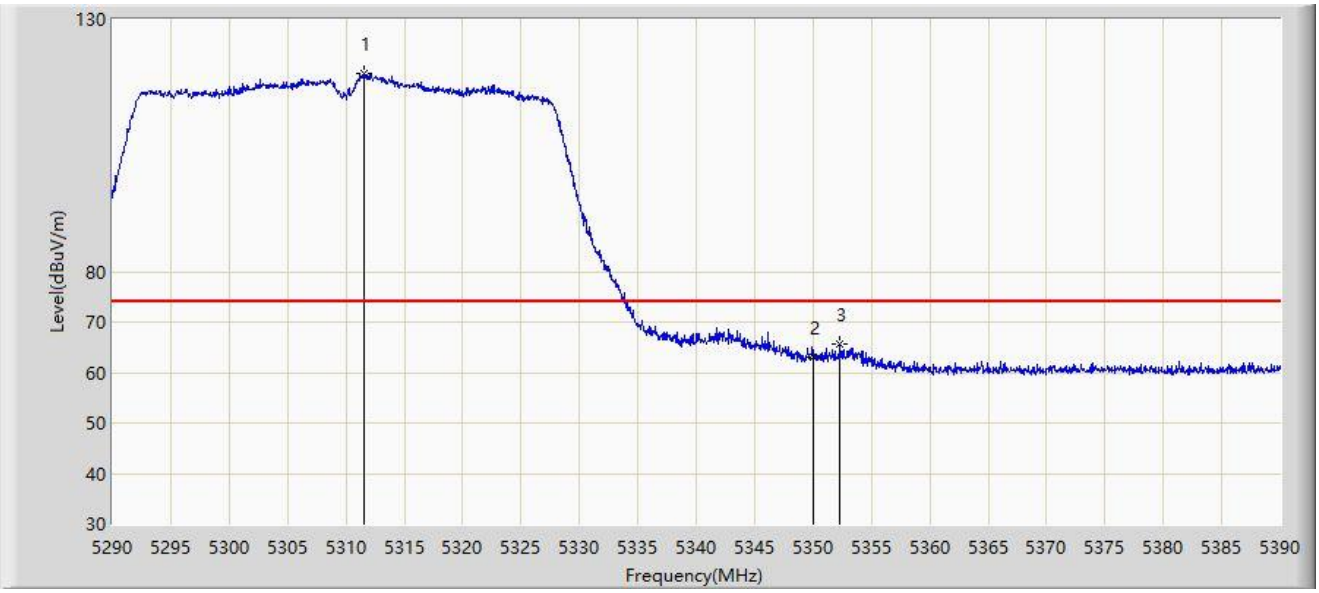
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5308.250	92.688	91.013	N/A	N/A	1.675	AV
2		5350.000	45.463	43.953	-8.537	54.000	1.510	AV
3	*	5352.350	45.586	44.075	-8.414	54.000	1.511	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



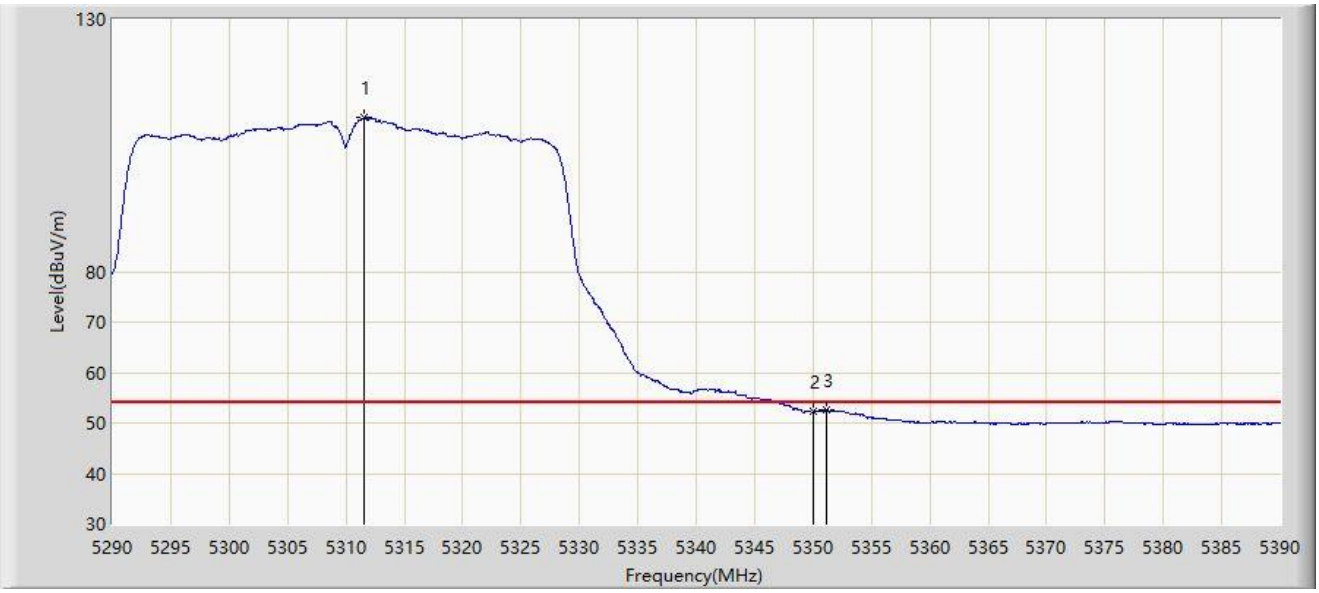
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5311.500	119.191	117.557	N/A	N/A	1.634	PK
2		5350.000	63.158	61.648	-10.842	74.000	1.510	PK
3	*	5352.300	65.724	64.214	-8.276	74.000	1.510	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



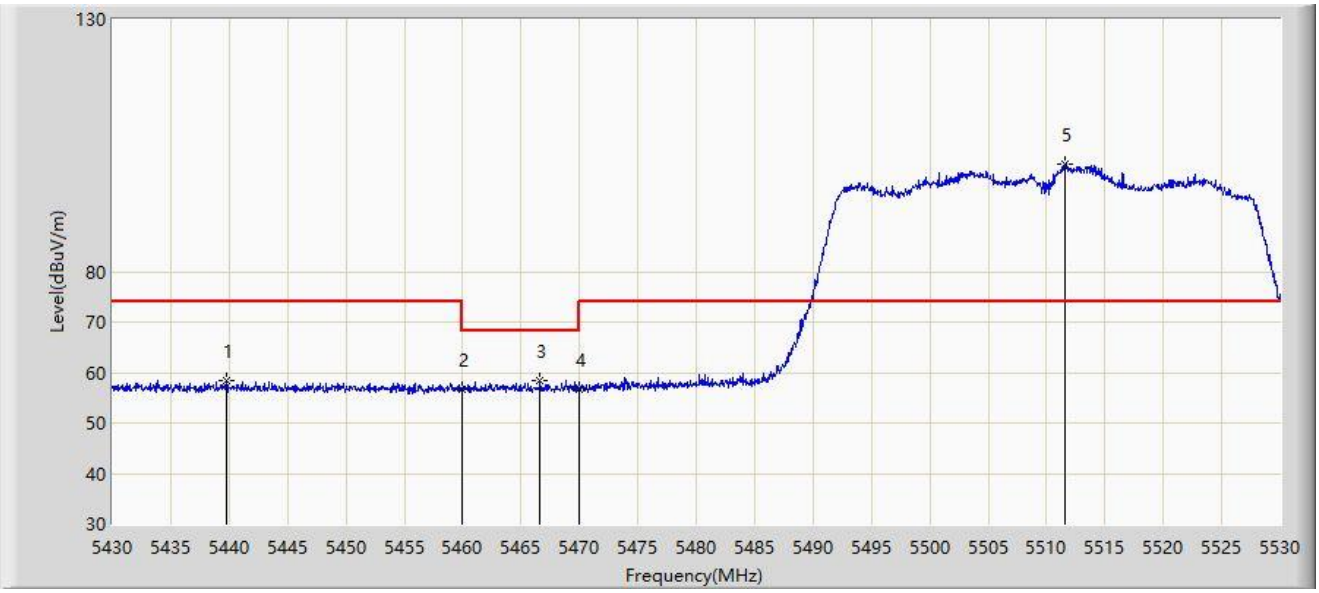
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5311.600	110.531	108.898	N/A	N/A	1.633	AV
2		5350.000	52.452	50.942	-1.548	54.000	1.510	AV
3	*	5351.100	52.554	51.046	-1.446	54.000	1.508	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



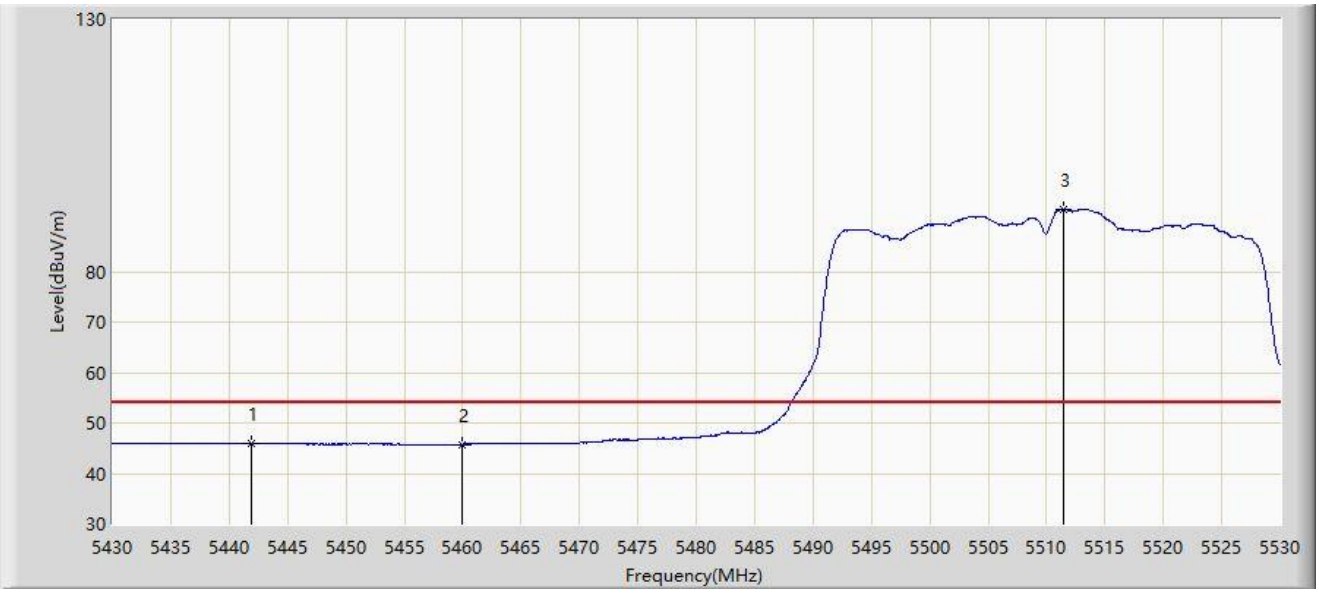
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5439.750	58.324	56.061	-15.676	74.000	2.262	PK
2		5460.000	56.563	54.456	-17.437	74.000	2.108	PK
3	*	5466.650	58.486	56.309	-9.714	68.200	2.177	PK
4		5470.000	56.566	54.354	-11.634	68.200	2.212	PK
5		5511.550	101.361	99.163	N/A	N/A	2.198	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



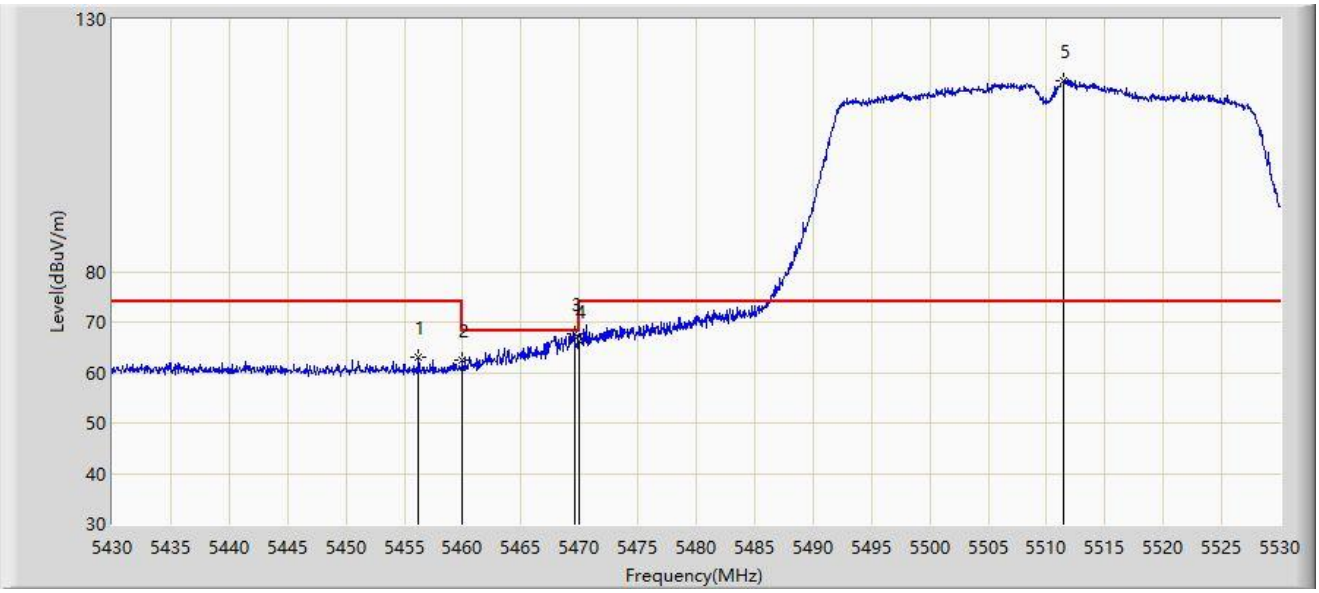
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5441.900	46.003	43.773	-7.997	54.000	2.230	AV
2		5460.000	45.768	43.661	-8.232	54.000	2.108	AV
3		5511.450	92.381	90.180	N/A	N/A	2.202	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



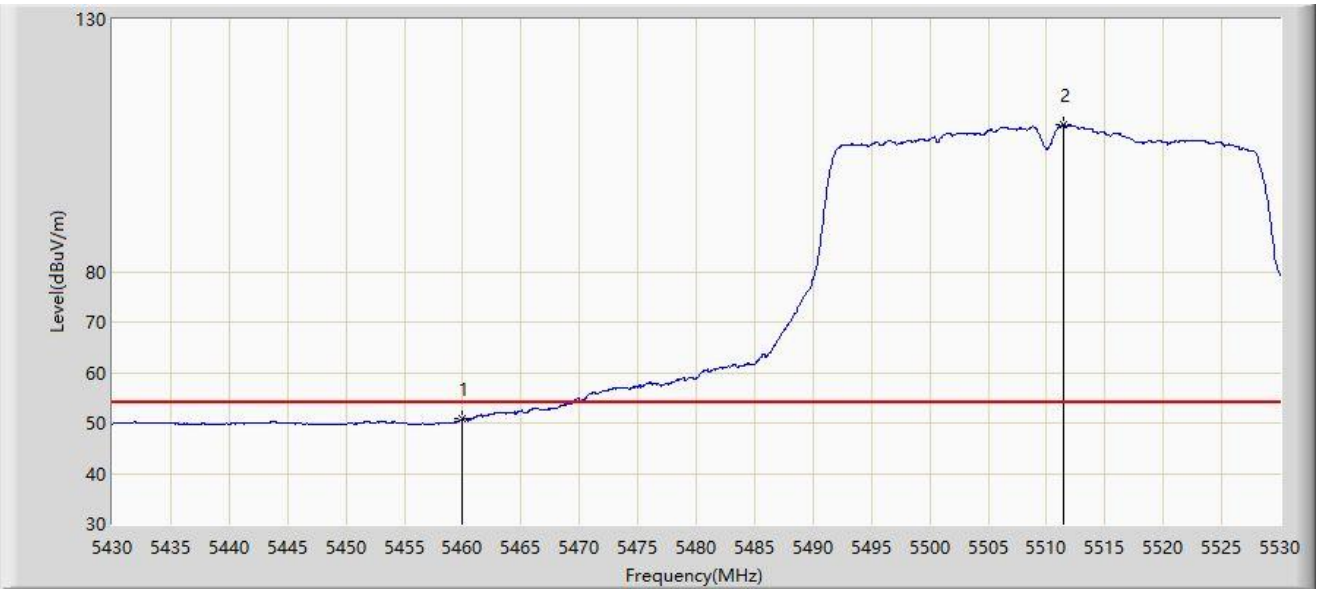
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5456.250	63.038	60.970	-10.962	74.000	2.067	PK
2		5460.000	62.552	60.445	-11.448	74.000	2.108	PK
3	*	5469.600	67.733	65.525	-0.467	68.200	2.208	PK
4		5470.000	66.368	64.156	-1.832	68.200	2.212	PK
5		5511.450	117.885	115.684	N/A	N/A	2.202	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



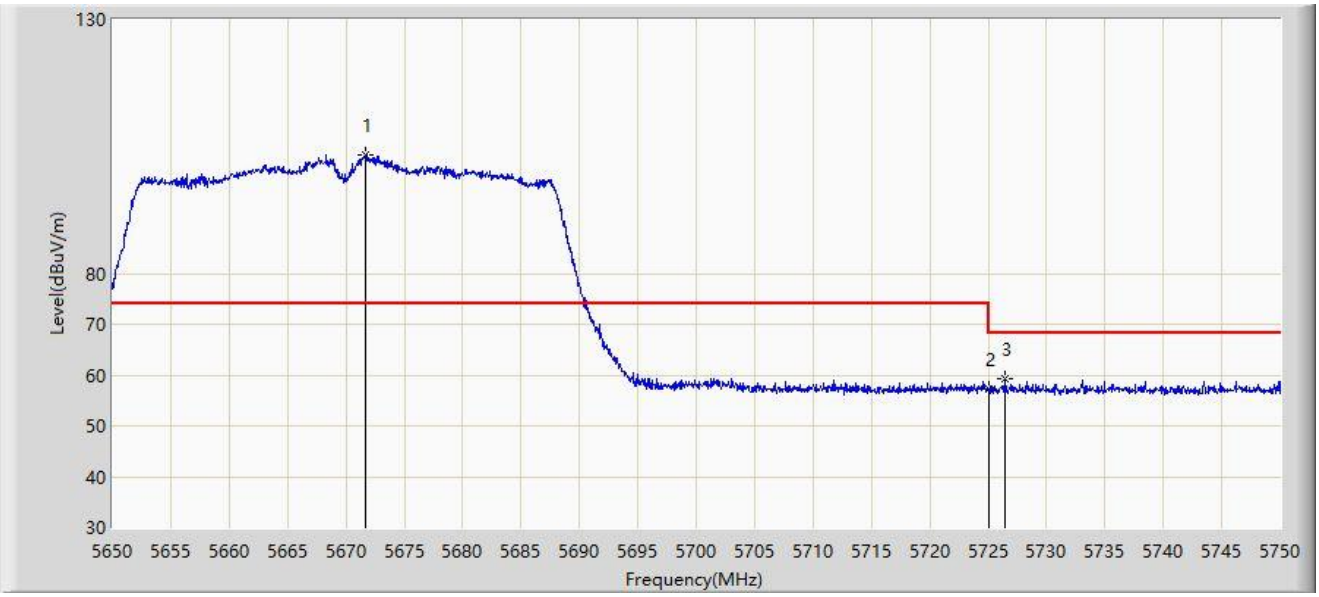
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5460.000	50.909	48.802	-3.091	54.000	2.108	AV
2		5511.500	109.116	106.916	N/A	N/A	2.199	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



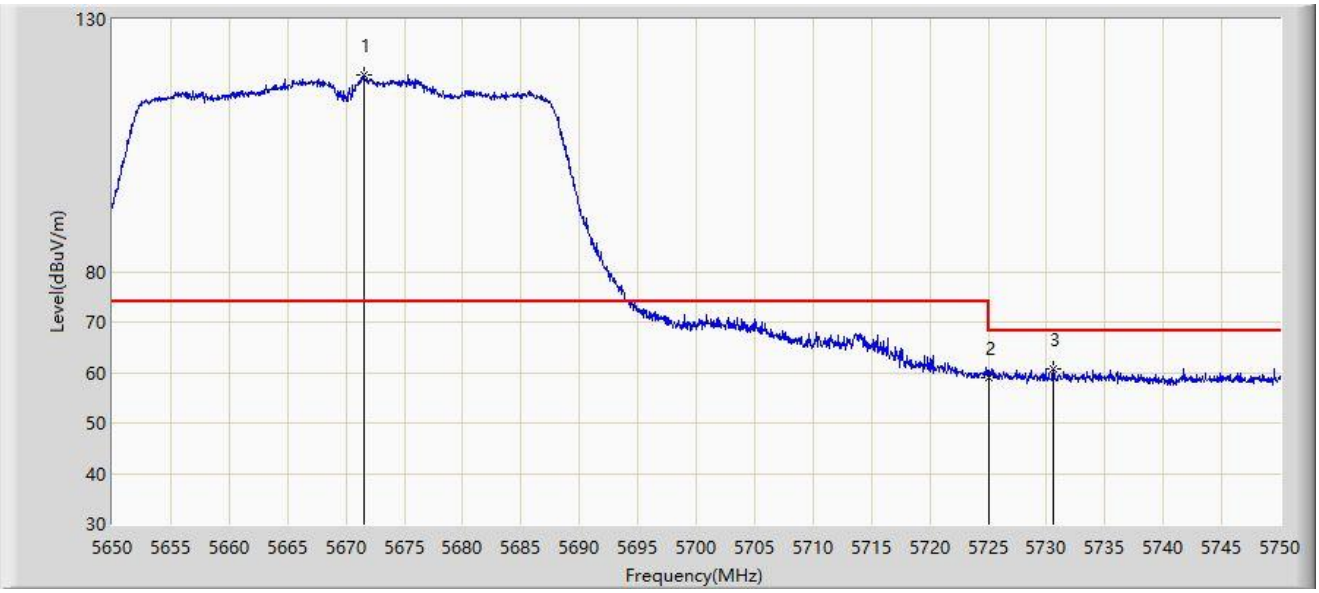
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5671.700	103.369	100.824	N/A	N/A	2.544	PK
2		5725.000	57.124	54.280	-11.076	68.200	2.844	PK
3	*	5726.500	59.153	56.297	-9.047	68.200	2.856	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



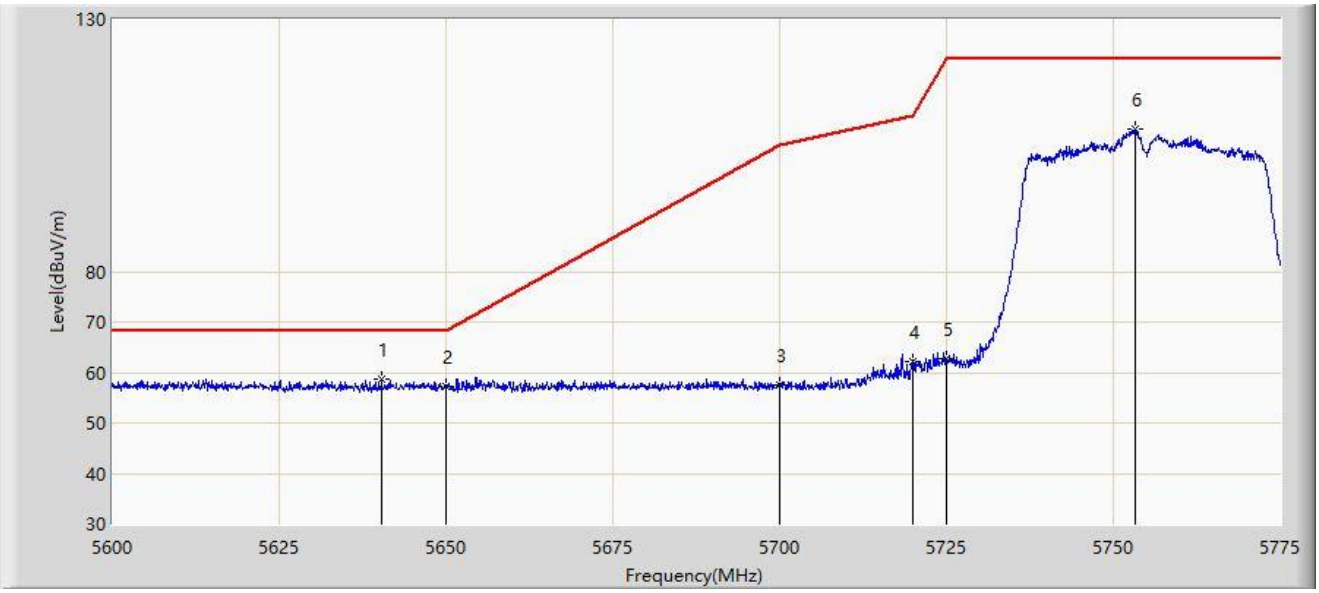
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5671.600	118.913	116.368	N/A	N/A	2.545	PK
2		5725.000	59.022	56.178	-9.178	68.200	2.844	PK
3	*	5730.550	60.661	57.763	-7.539	68.200	2.898	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



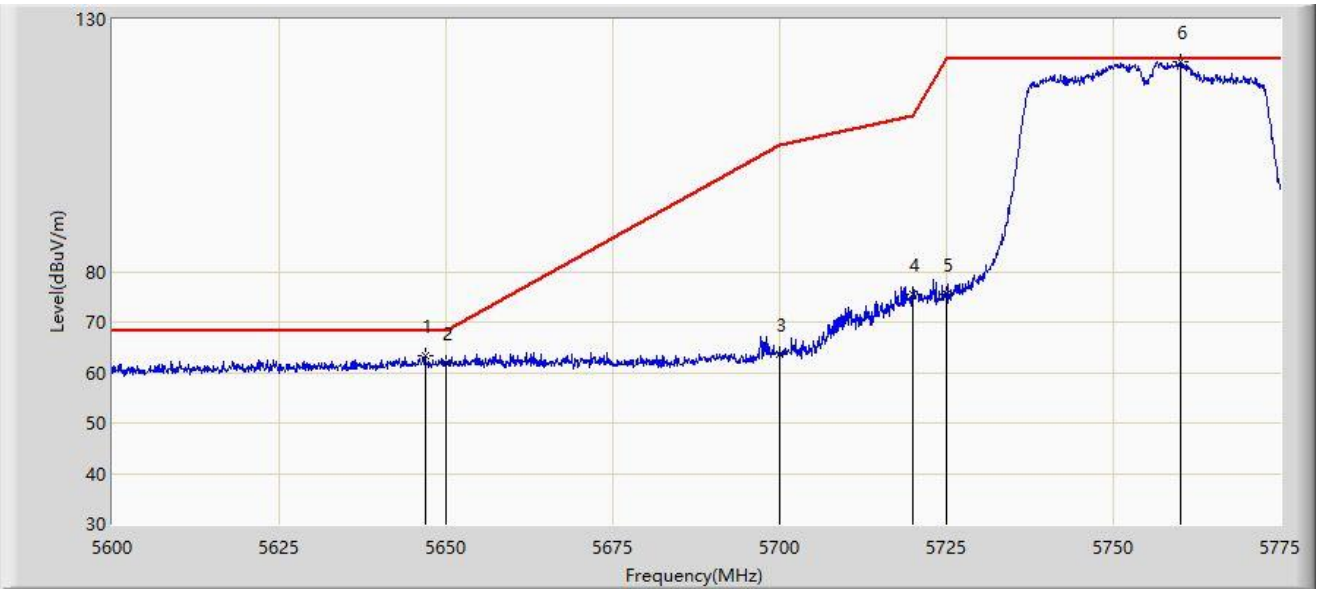
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5640.337	58.752	56.230	-9.448	68.200	2.523	PK
2		5650.000	57.196	54.645	-11.004	68.200	2.552	PK
3		5700.000	57.429	54.562	-47.771	105.200	2.867	PK
4		5720.000	62.061	59.251	-48.739	110.800	2.810	PK
5		5725.000	62.690	59.846	-59.510	122.200	2.844	PK
6		5753.388	108.301	105.186	N/A	N/A	3.116	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



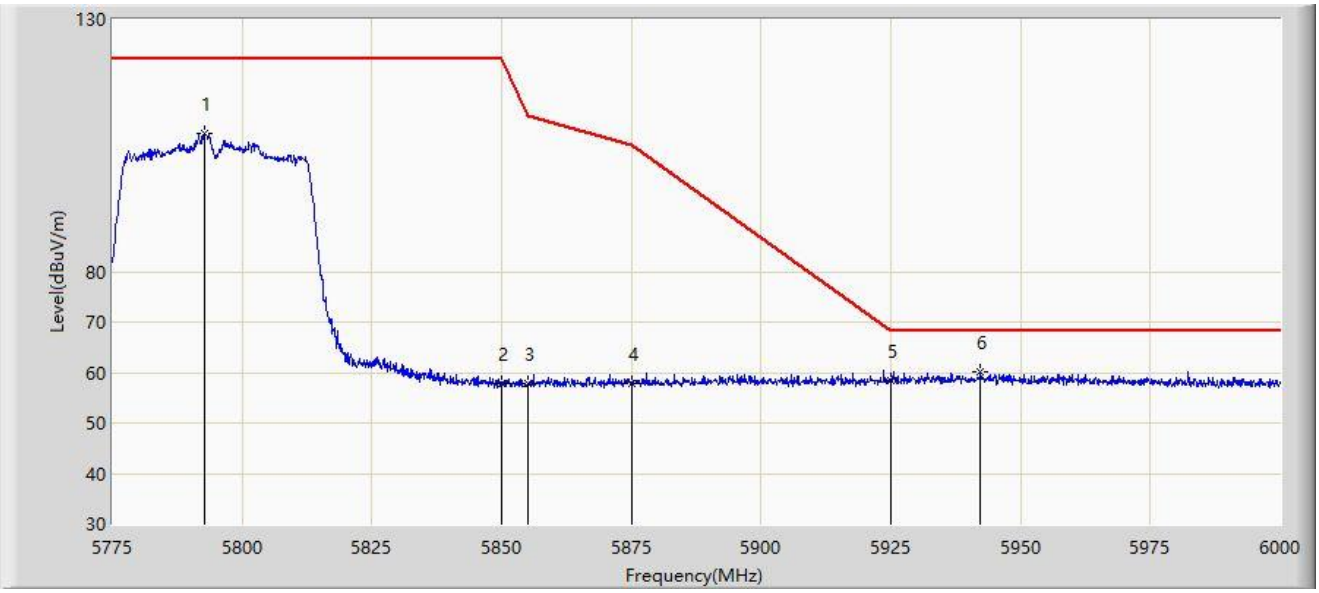
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5646.900	63.385	60.842	-4.815	68.200	2.543	PK
2		5650.000	61.907	59.356	-6.293	68.200	2.552	PK
3		5700.000	63.719	60.852	-41.481	105.200	2.867	PK
4		5720.000	75.483	72.673	-35.317	110.800	2.810	PK
5		5725.000	75.492	72.648	-46.708	122.200	2.844	PK
6		5760.038	121.602	118.431	N/A	N/A	3.170	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



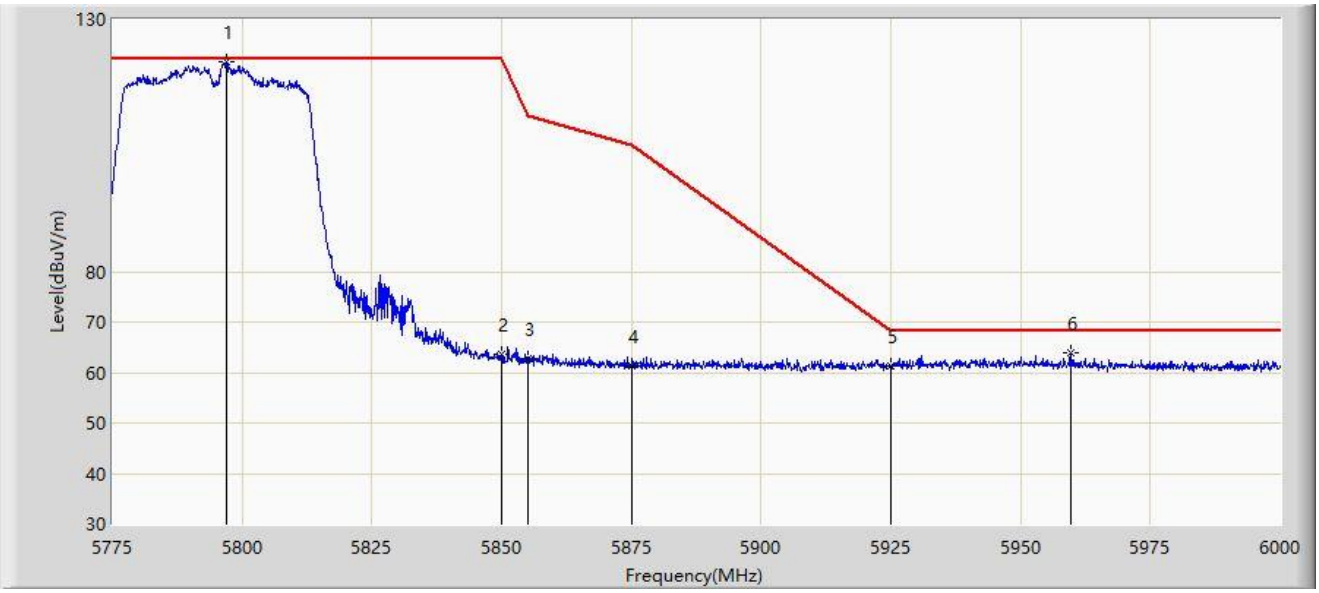
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5792.663	107.401	104.210	N/A	N/A	3.191	PK
2		5850.000	57.828	54.496	-64.372	122.200	3.333	PK
3		5855.000	57.821	54.481	-52.979	110.800	3.340	PK
4		5875.000	57.697	54.303	-47.503	105.200	3.393	PK
5		5925.000	58.414	54.649	-9.786	68.200	3.766	PK
6	*	5942.288	60.019	56.078	-8.181	68.200	3.942	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



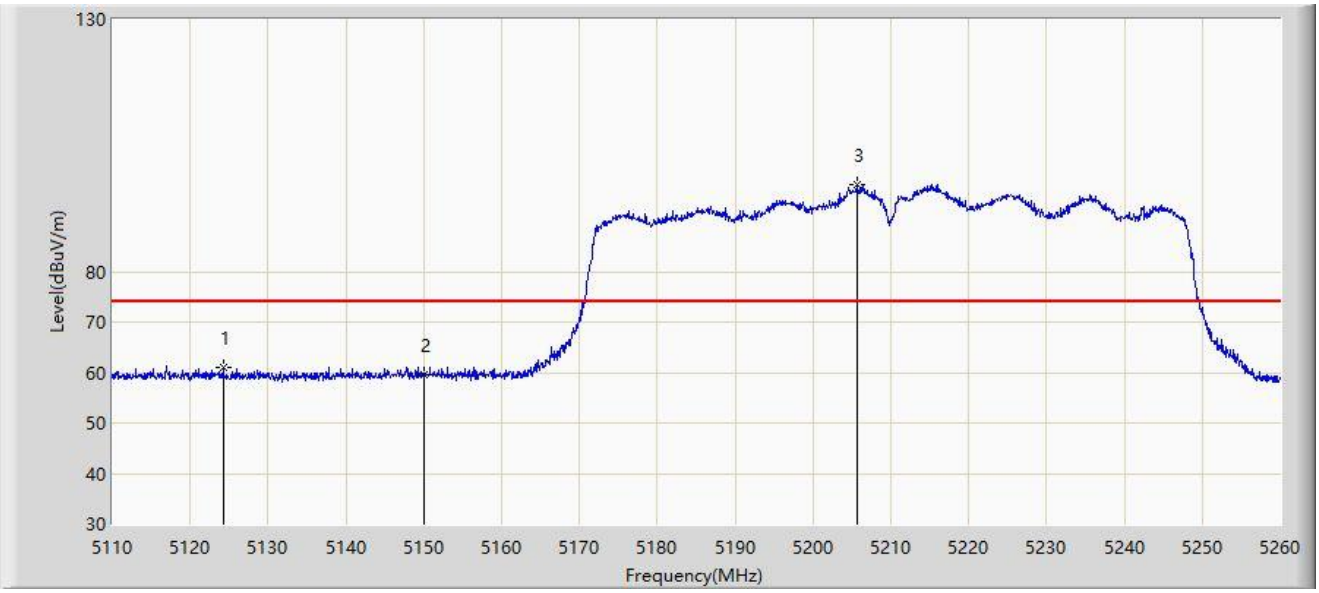
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5797.050	121.475	118.279	N/A	N/A	3.196	PK
2		5850.000	63.573	60.241	-58.627	122.200	3.333	PK
3		5855.000	62.819	59.479	-47.981	110.800	3.340	PK
4		5875.000	61.376	57.982	-43.824	105.200	3.393	PK
5		5925.000	61.180	57.415	-7.020	68.200	3.766	PK
6	*	5959.725	63.856	60.003	-4.344	68.200	3.853	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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



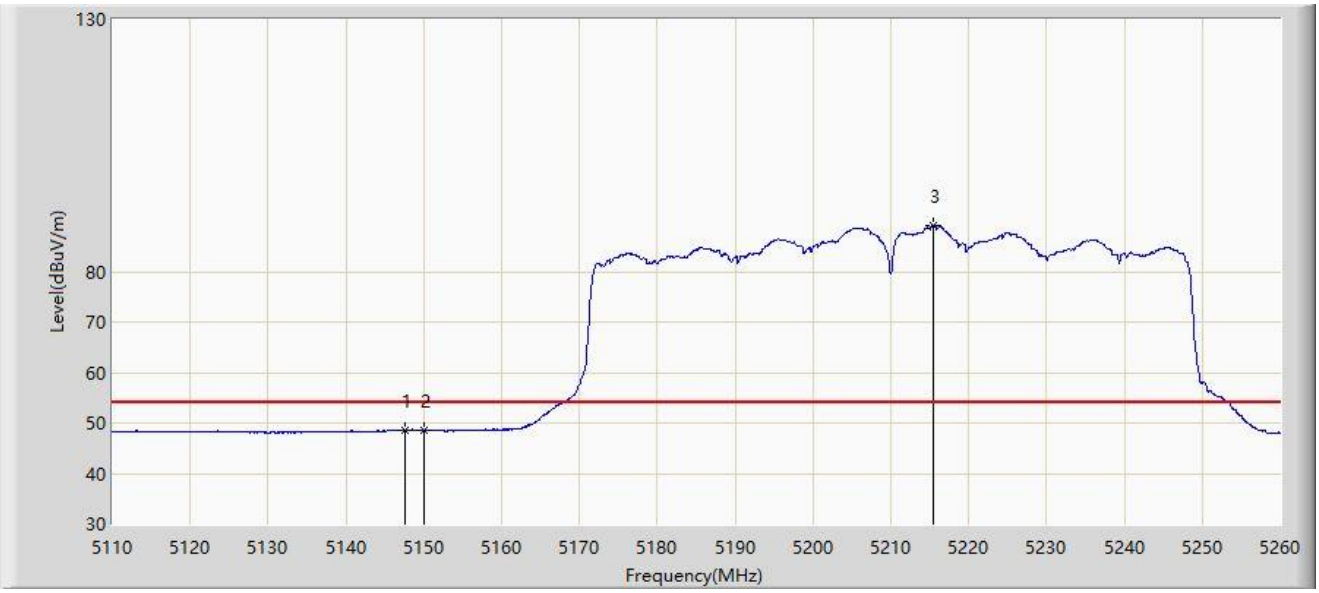
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5124.250	61.016	58.804	-12.984	74.000	2.211	PK
2		5150.000	59.670	57.111	-14.330	74.000	2.559	PK
3		5205.625	97.314	95.362	N/A	N/A	1.952	PK

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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



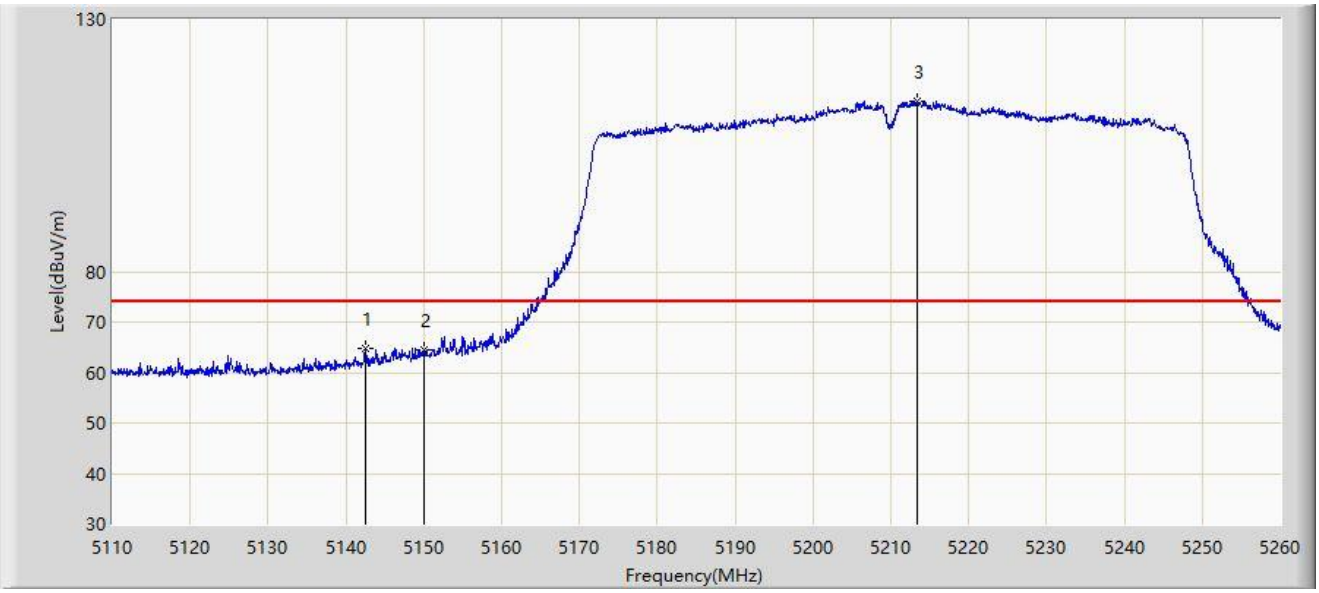
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.500	48.571	46.009	-5.429	54.000	2.562	AV
2		5150.000	48.543	45.984	-5.457	54.000	2.559	AV
3		5215.525	89.151	86.943	N/A	N/A	2.207	AV

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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



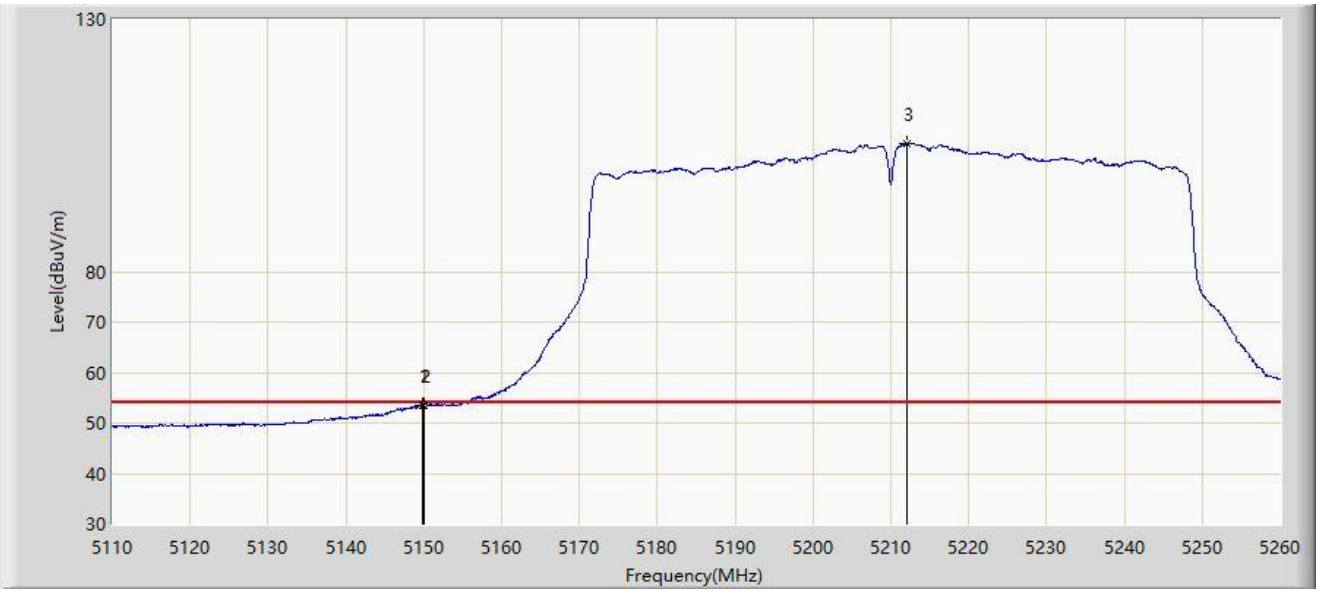
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5142.475	64.749	62.299	-9.251	74.000	2.450	PK
2		5150.000	64.357	61.798	-9.643	74.000	2.559	PK
3		5213.425	113.844	111.690	N/A	N/A	2.153	PK

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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



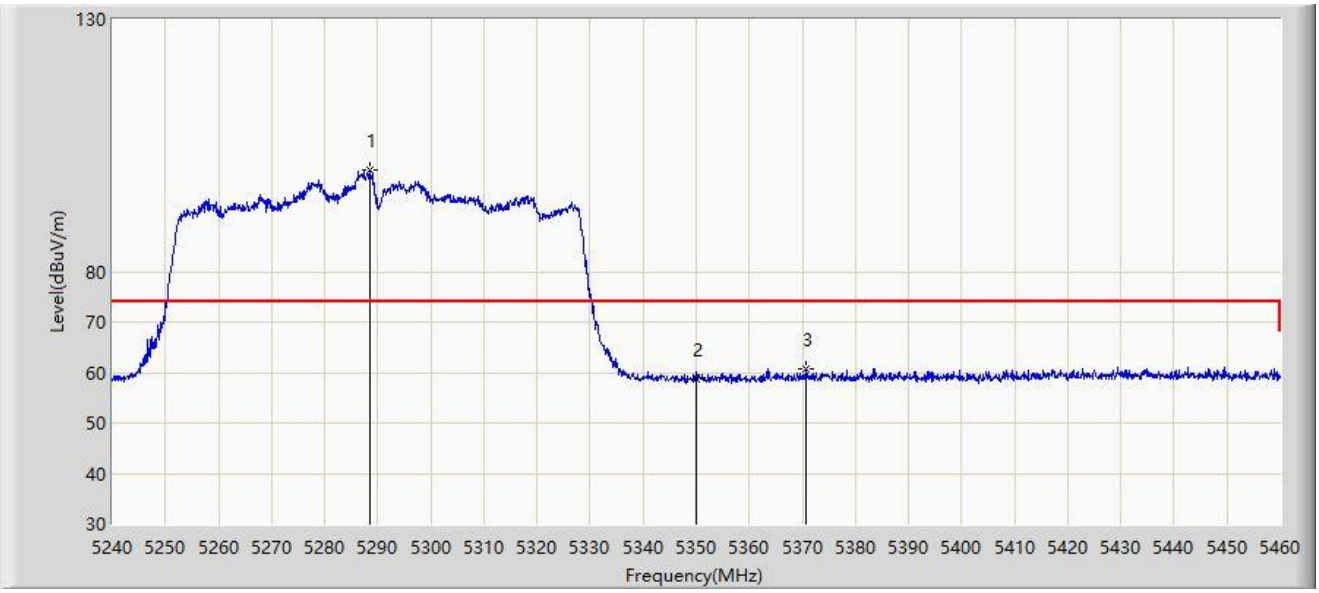
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.825	53.544	50.984	-0.456	54.000	2.560	AV
2		5150.000	53.410	50.851	-0.590	54.000	2.559	AV
3		5212.150	105.454	103.333	N/A	N/A	2.120	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



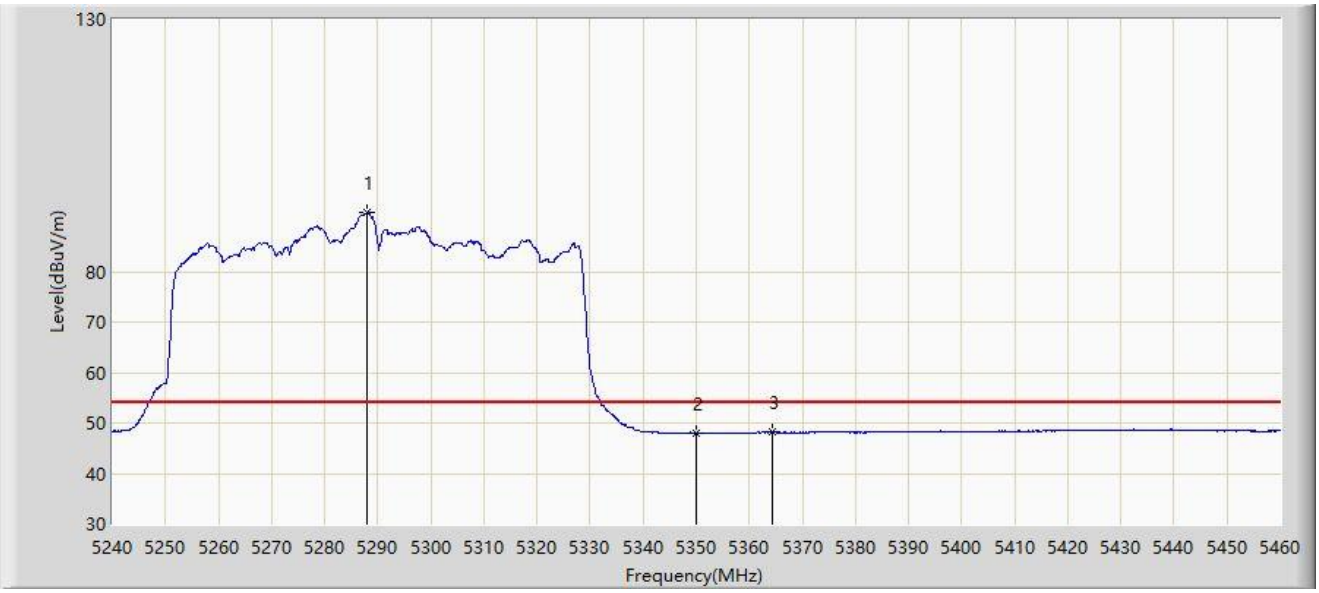
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5288.510	100.270	98.428	N/A	N/A	1.842	PK
2		5350.000	58.570	57.060	-15.430	74.000	1.510	PK
3	*	5370.570	60.854	59.106	-13.146	74.000	1.748	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



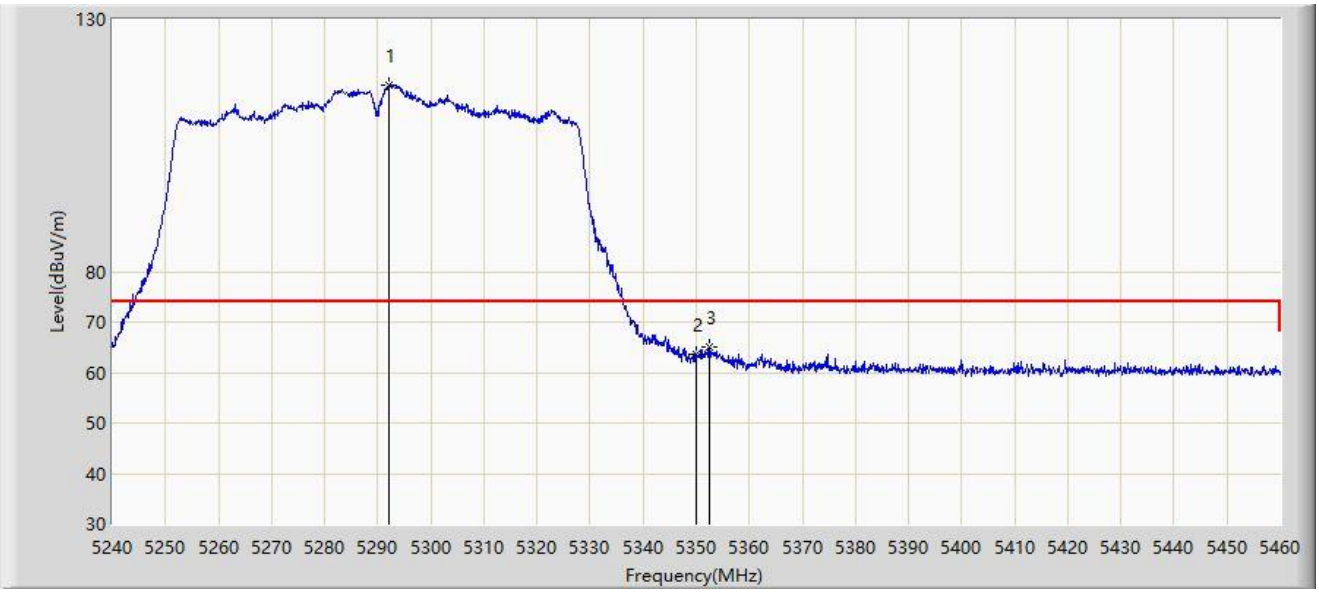
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5287.850	91.632	89.786	N/A	N/A	1.847	AV
2		5350.000	48.004	46.494	-5.996	54.000	1.510	AV
3	*	5364.300	48.264	46.586	-5.736	54.000	1.678	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



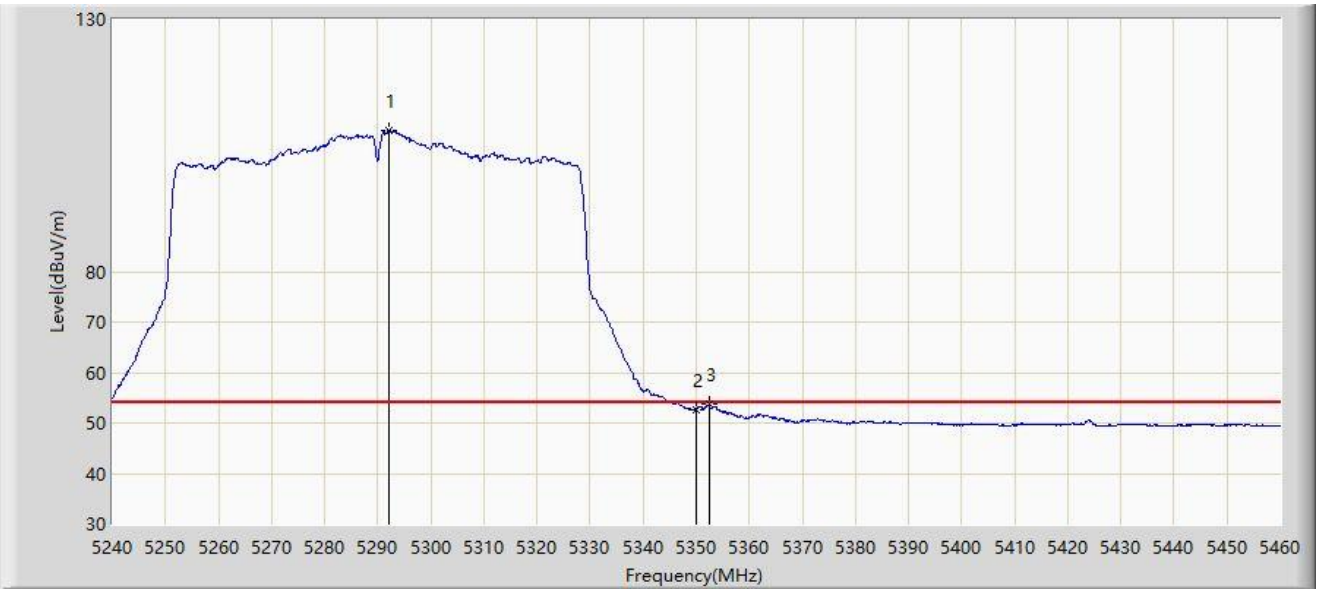
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5292.030	117.090	115.269	N/A	N/A	1.820	PK
2		5350.000	63.726	62.216	-10.274	74.000	1.510	PK
3	*	5352.530	65.022	63.509	-8.978	74.000	1.513	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



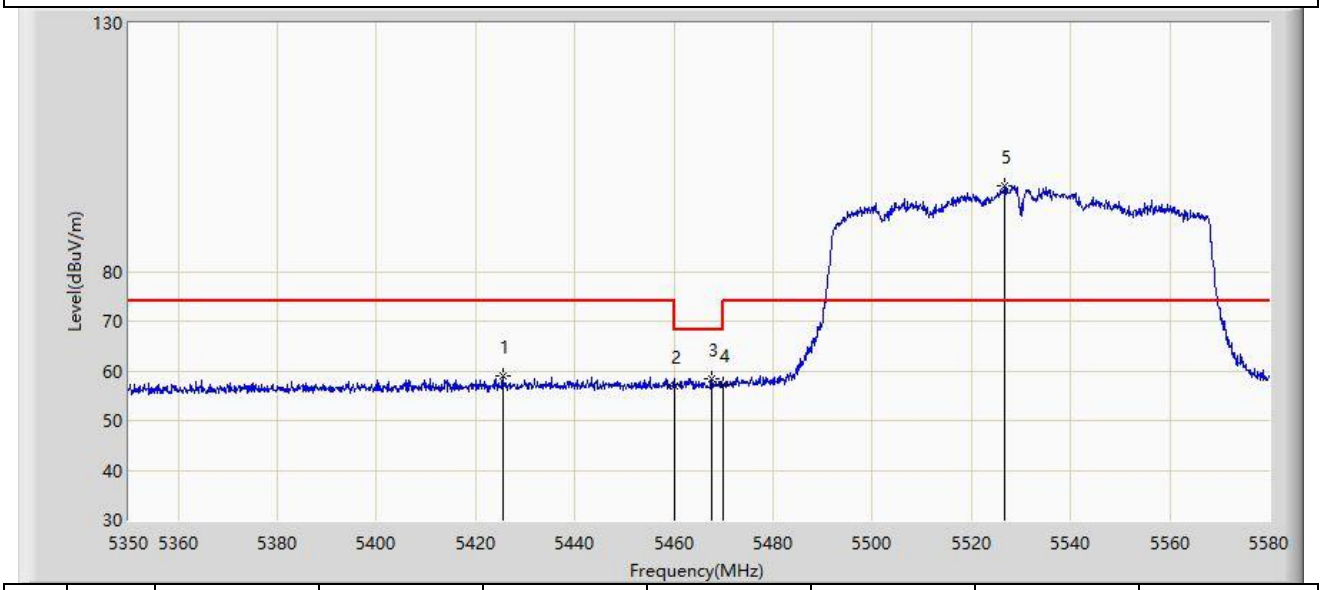
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5292.030	108.008	106.187	N/A	N/A	1.820	AV
2		5350.000	52.590	51.080	-1.410	54.000	1.510	AV
3	*	5352.420	53.633	52.121	-0.367	54.000	1.511	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



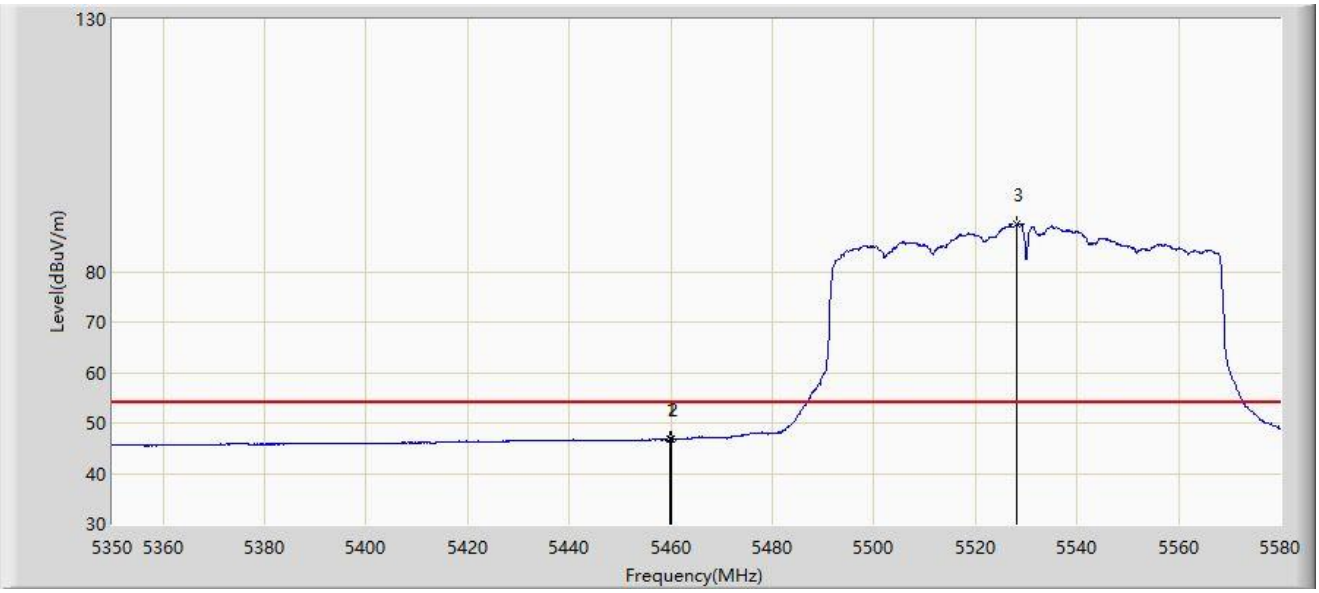
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5425.440	58.940	56.761	-15.060	74.000	2.178	PK
2		5460.000	56.841	54.734	-17.159	74.000	2.108	PK
3	*	5467.645	58.535	56.347	-9.665	68.200	2.187	PK
4		5470.000	57.187	54.975	-11.013	68.200	2.212	PK
5		5526.755	97.332	95.353	N/A	N/A	1.979	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



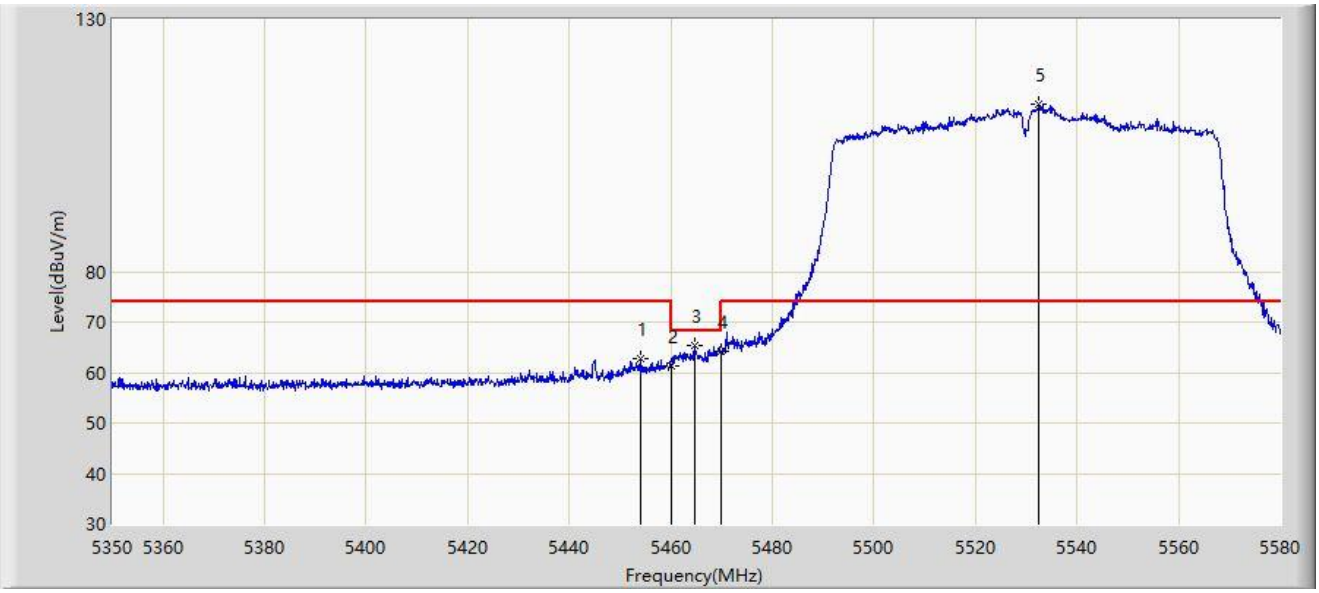
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.710	46.803	44.699	-7.197	54.000	2.104	AV
2		5460.000	46.791	44.684	-7.209	54.000	2.108	AV
3		5528.250	89.415	87.398	N/A	N/A	2.017	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



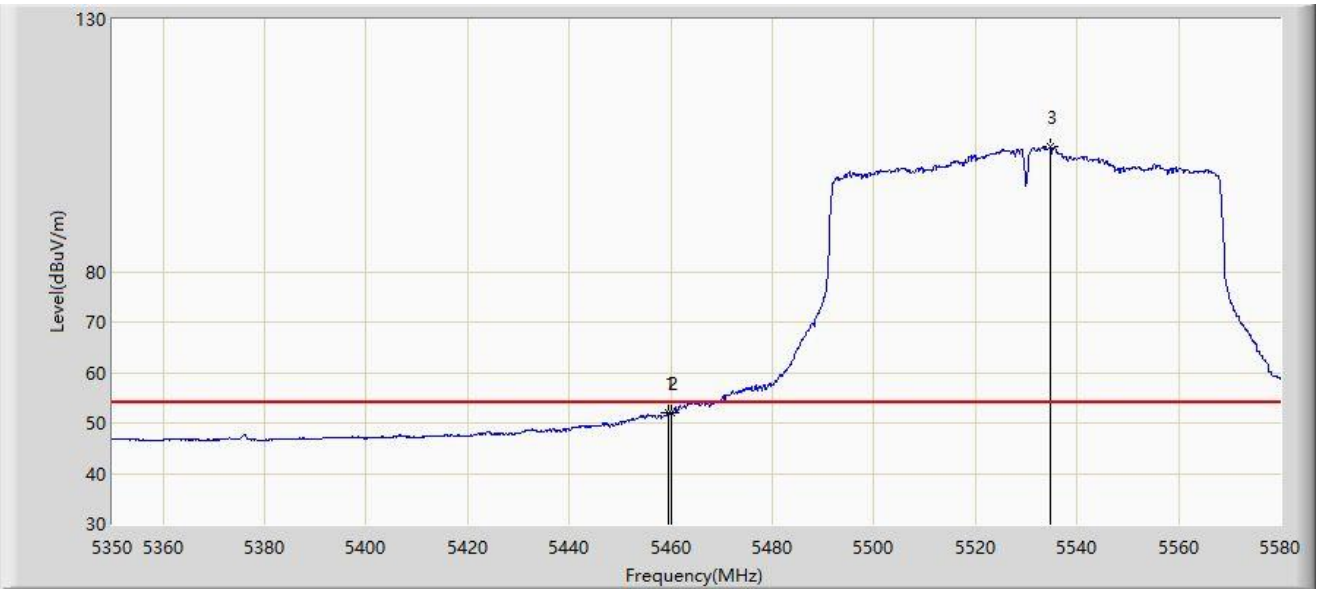
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5454.190	62.755	60.709	-11.245	74.000	2.046	PK
2		5460.000	61.381	59.274	-12.619	74.000	2.108	PK
3	*	5464.770	65.504	63.347	-2.696	68.200	2.157	PK
4		5470.000	64.332	62.120	-3.868	68.200	2.212	PK
5		5532.505	113.112	110.986	N/A	N/A	2.126	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



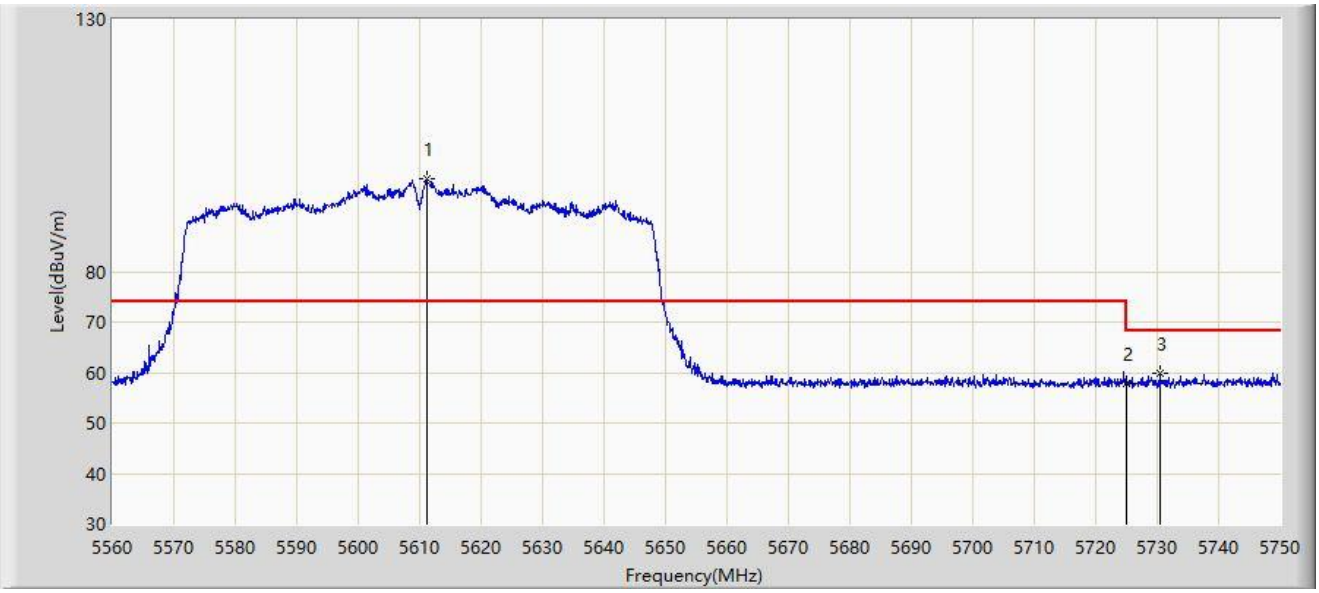
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.480	51.916	49.814	-2.084	54.000	2.102	AV
2		5460.000	51.907	49.800	-2.093	54.000	2.108	AV
3		5534.690	104.645	102.463	N/A	N/A	2.182	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



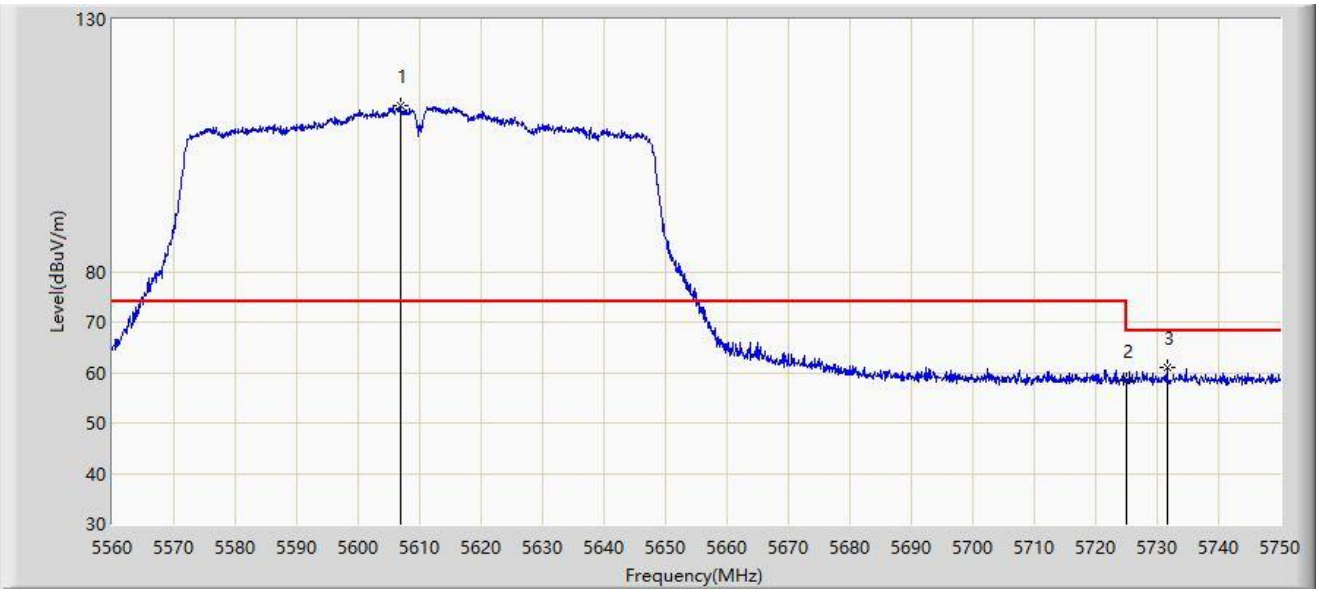
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5611.205	98.316	95.900	N/A	N/A	2.417	PK
2		5725.000	57.709	54.865	-10.491	68.200	2.844	PK
3	*	5730.430	59.748	56.851	-8.452	68.200	2.897	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



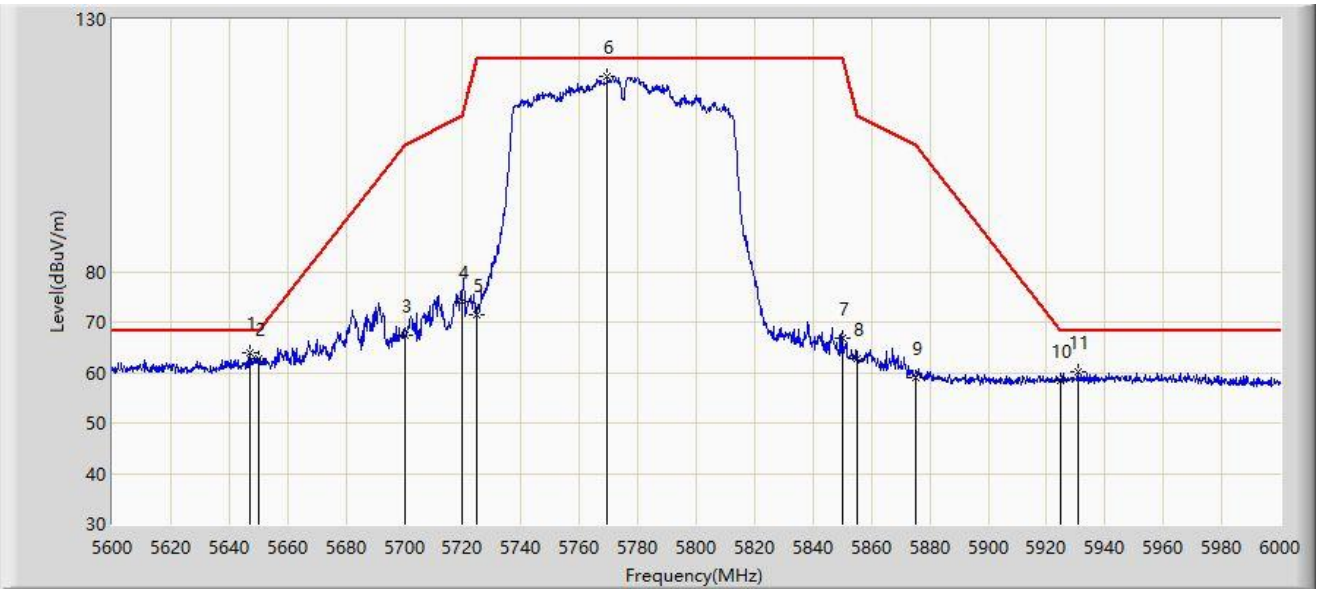
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5606.835	112.921	110.497	N/A	N/A	2.424	PK
2		5725.000	58.354	55.510	-9.846	68.200	2.844	PK
3	*	5731.570	60.891	57.982	-7.309	68.200	2.909	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



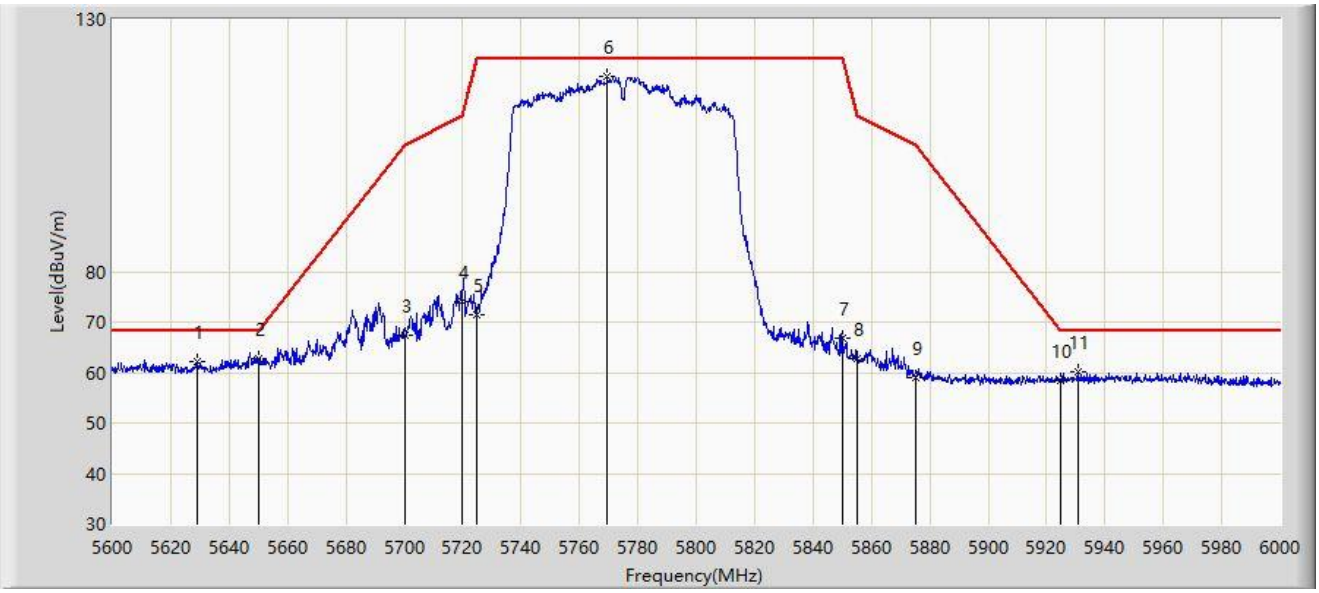
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5647.000	63.931	61.387	-4.269	68.200	2.543	PK
2		5650.000	62.626	60.075	-5.574	68.200	2.552	PK
3		5700.000	67.262	64.395	-37.938	105.200	2.867	PK
4		5720.000	74.162	71.352	-36.638	110.800	2.810	PK
5		5725.000	71.371	68.527	-50.829	122.200	2.844	PK
6		5769.400	118.696	115.596	N/A	N/A	3.100	PK
7		5850.000	66.790	63.458	-55.410	122.200	3.333	PK
8		5855.000	62.634	59.294	-48.166	110.800	3.340	PK
9		5875.000	58.964	55.570	-46.236	105.200	3.393	PK
10		5925.000	58.306	54.541	-9.894	68.200	3.766	PK
11		5930.600	60.029	56.158	-8.171	68.200	3.871	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



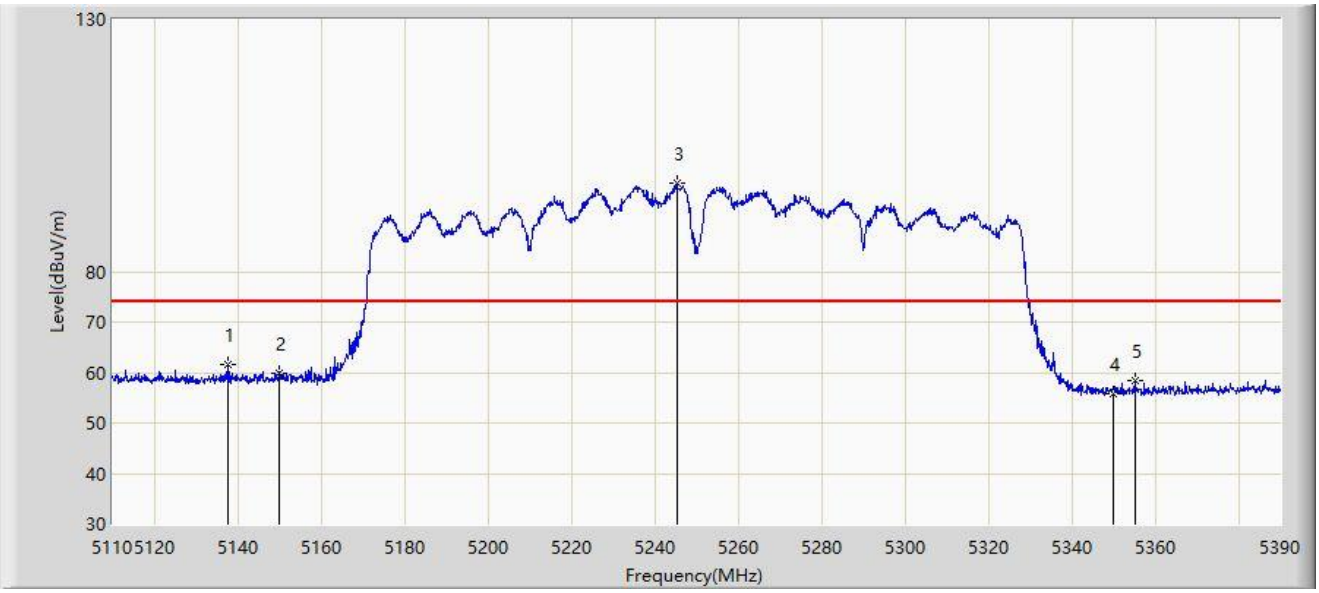
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5629.000	62.283	59.855	-5.917	68.200	2.427	PK
2	*	5650.000	62.626	60.075	-5.574	68.200	2.552	PK
3		5700.000	67.262	64.395	-37.938	105.200	2.867	PK
4		5720.000	74.162	71.352	-36.638	110.800	2.810	PK
5		5725.000	71.371	68.527	-50.829	122.200	2.844	PK
6		5769.400	118.696	115.596	N/A	N/A	3.100	PK
7		5850.000	66.790	63.458	-55.410	122.200	3.333	PK
8		5855.000	62.634	59.294	-48.166	110.800	3.340	PK
9		5875.000	58.964	55.570	-46.236	105.200	3.393	PK
10		5925.000	58.306	54.541	-9.894	68.200	3.766	PK
11		5930.600	60.029	56.158	-8.171	68.200	3.871	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



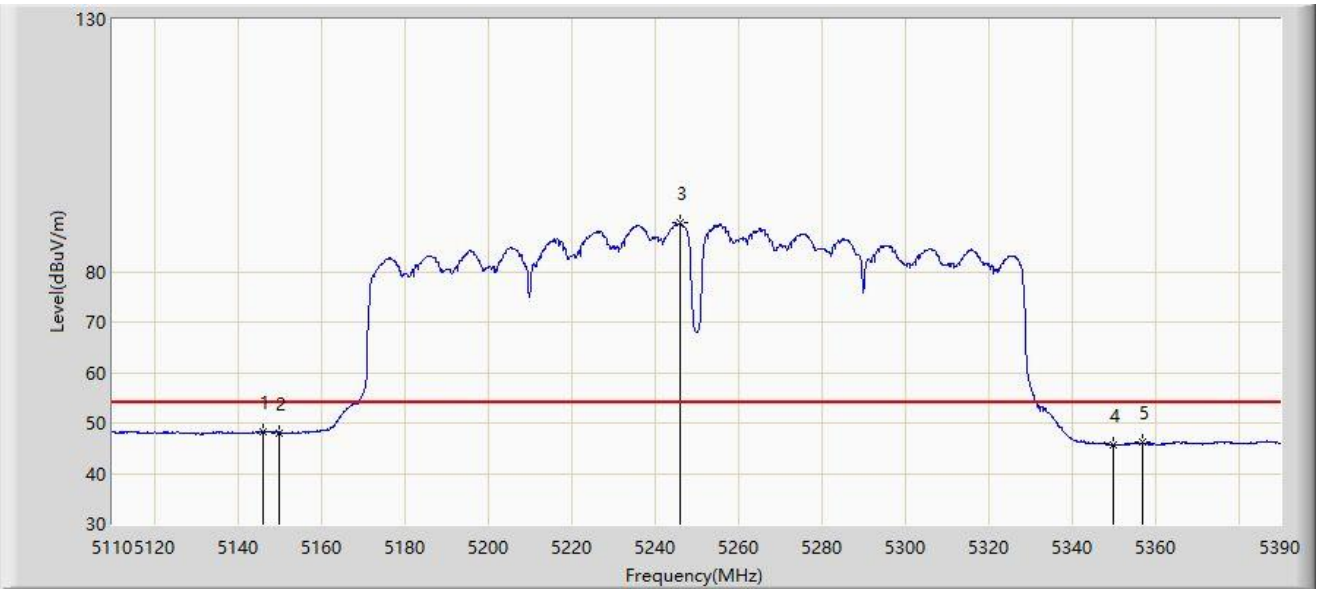
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5137.580	61.638	59.296	-12.362	74.000	2.342	PK
2		5150.000	59.723	57.164	-14.277	74.000	2.559	PK
3		5245.380	97.419	95.593	N/A	N/A	1.827	PK
4		5350.000	55.854	54.344	-18.146	74.000	1.510	PK
5		5355.140	58.398	56.848	-15.602	74.000	1.549	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



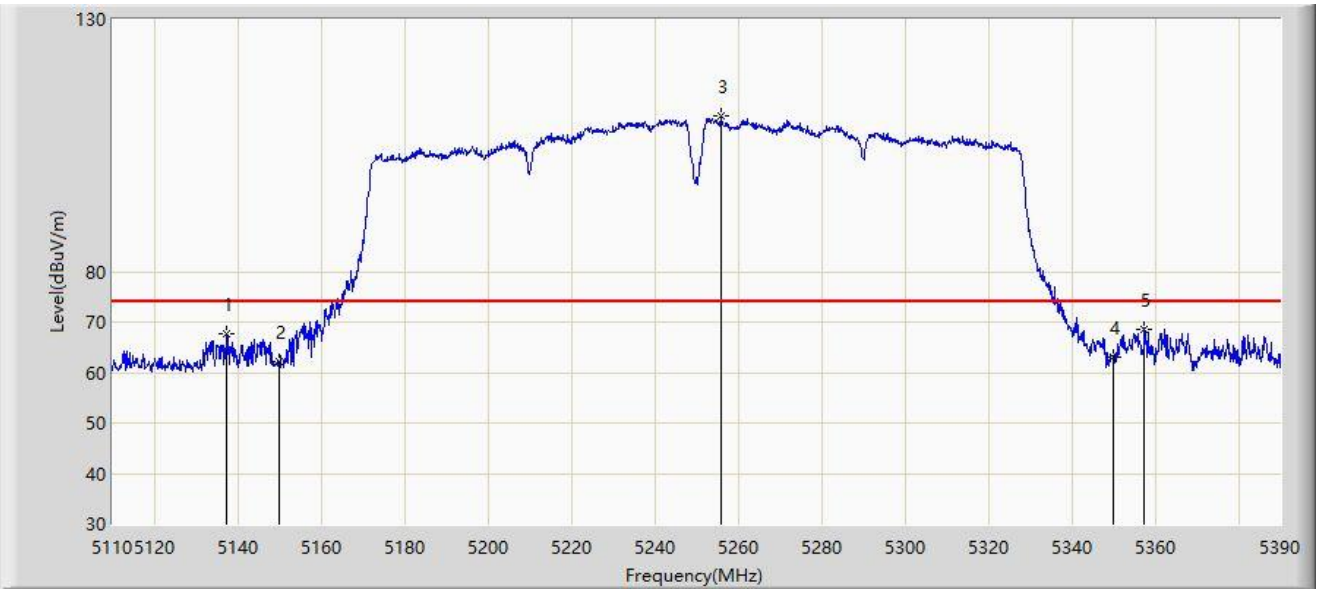
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5145.980	48.343	45.815	-5.657	54.000	2.528	AV
2		5150.000	48.110	45.551	-5.890	54.000	2.559	AV
3		5246.080	89.592	87.780	N/A	N/A	1.812	AV
4		5350.000	45.738	44.228	-8.262	54.000	1.510	AV
5		5356.960	46.128	44.553	-7.872	54.000	1.575	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



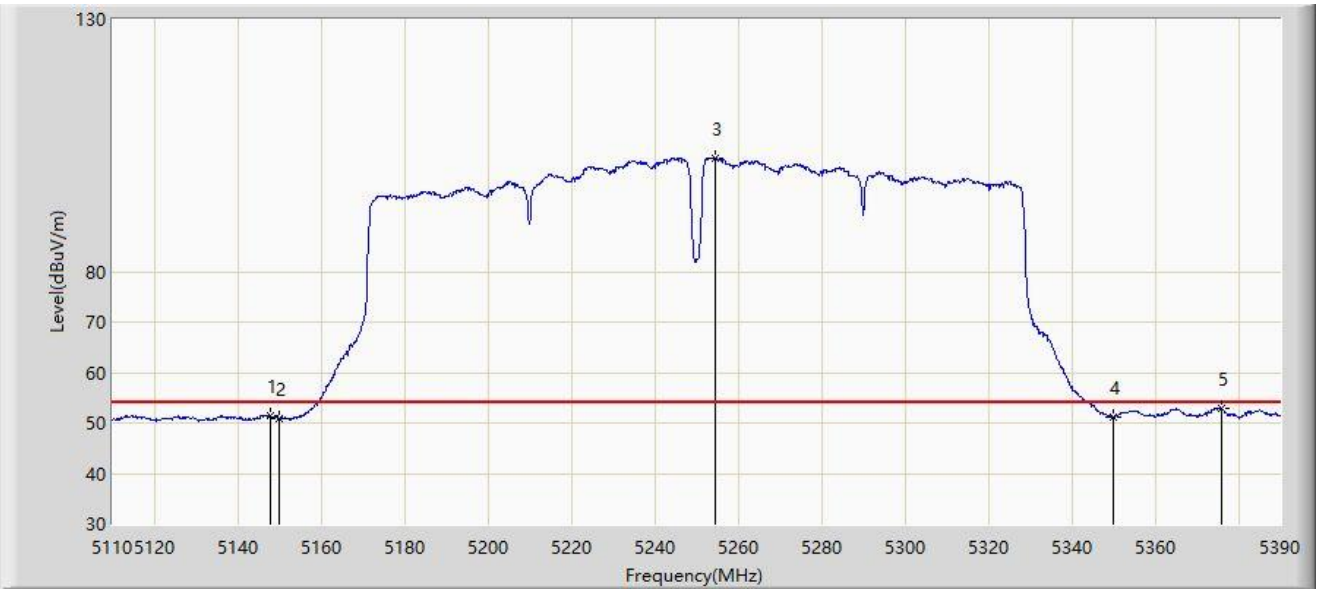
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5137.440	67.734	65.395	-6.266	74.000	2.339	PK
2		5150.000	62.163	59.604	-11.837	74.000	2.559	PK
3		5256.020	110.922	109.252	N/A	N/A	1.670	PK
4		5350.000	63.140	61.630	-10.860	74.000	1.510	PK
5	*	5357.380	68.693	67.112	-5.307	74.000	1.581	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-03
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



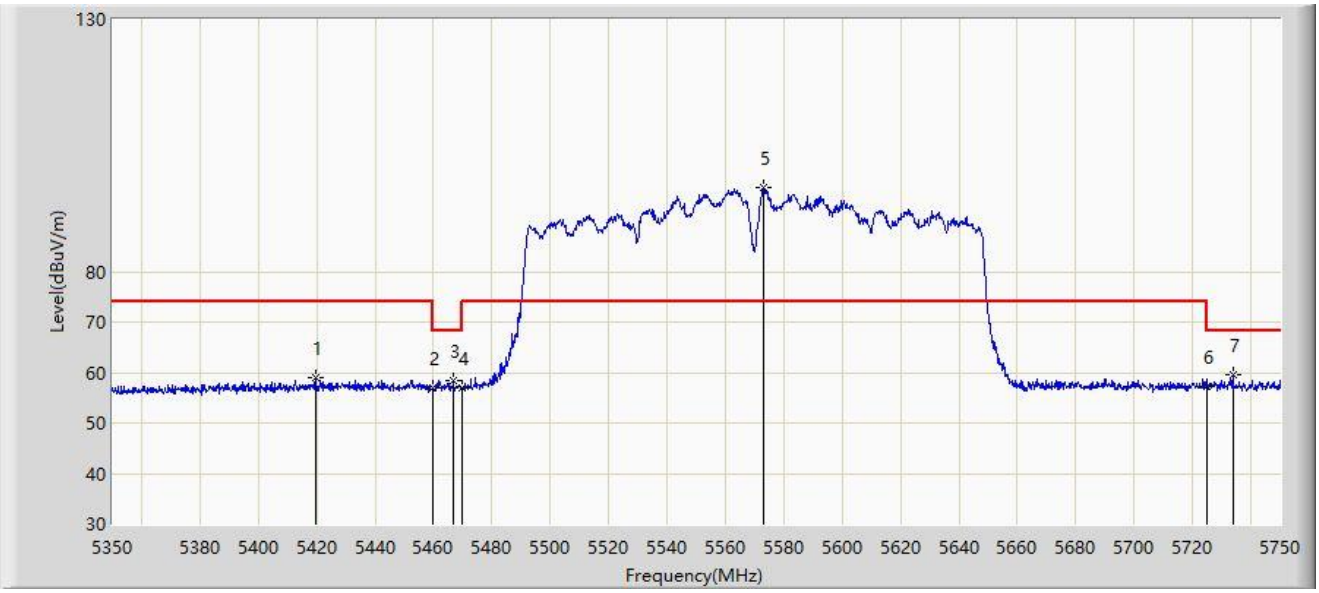
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5147.940	51.399	48.827	-2.601	54.000	2.572	AV
2		5150.000	50.837	48.278	-3.163	54.000	2.559	AV
3		5254.620	102.554	100.869	N/A	N/A	1.684	AV
4		5350.000	51.193	49.683	-2.807	54.000	1.510	AV
5	*	5375.860	52.944	51.181	-1.056	54.000	1.763	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



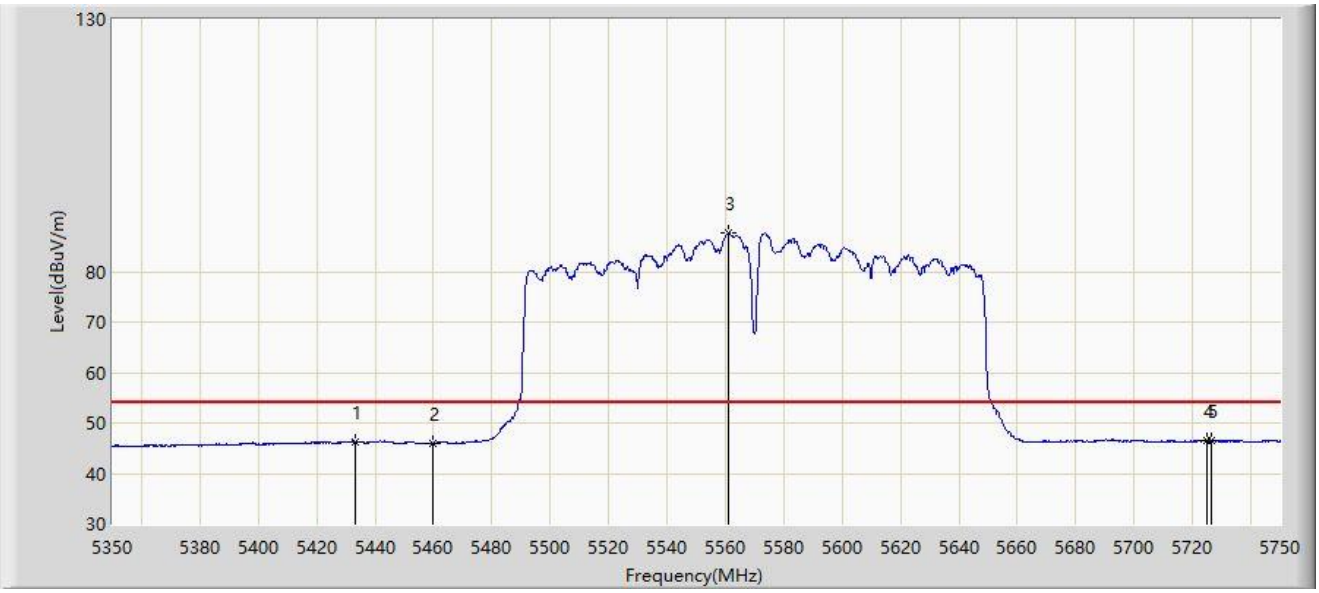
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5419.600	58.967	56.855	-15.033	74.000	2.112	PK
2		5460.000	56.904	54.797	-17.096	74.000	2.108	PK
3		5466.800	58.359	56.180	-9.841	68.200	2.179	PK
4		5470.000	57.062	54.850	-11.138	68.200	2.212	PK
5		5573.200	96.543	94.047	N/A	N/A	2.496	PK
6		5725.000	57.200	54.356	-11.000	68.200	2.844	PK
7	*	5733.800	59.533	56.601	-8.667	68.200	2.933	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



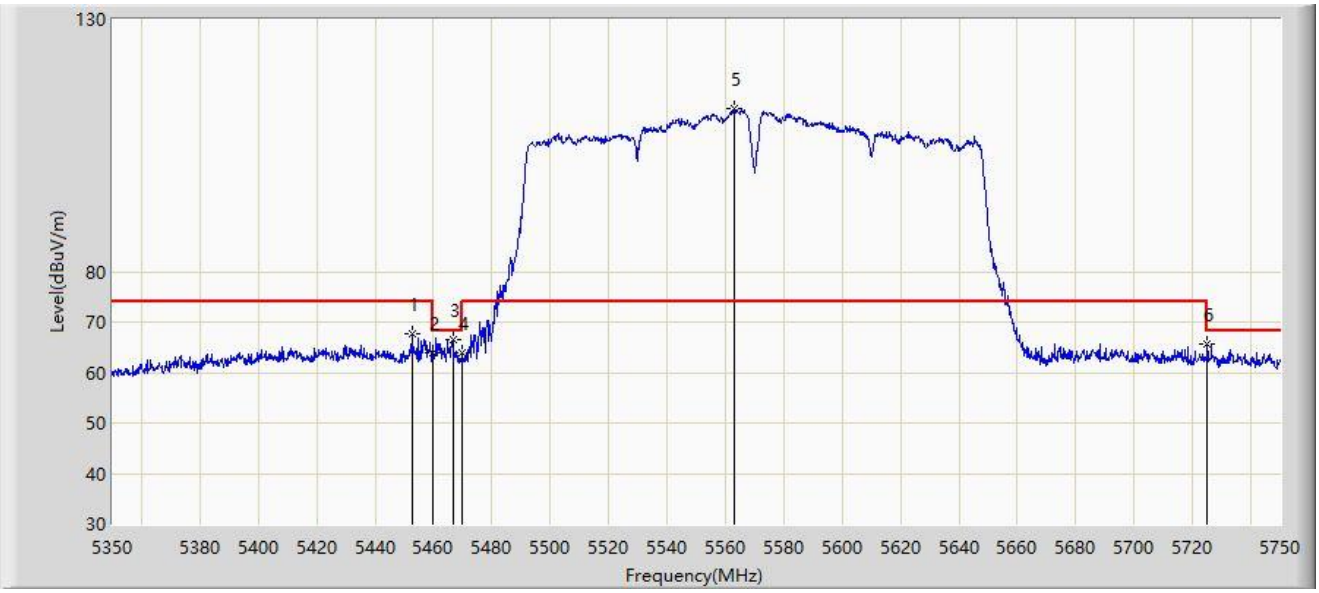
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5433.200	46.340	44.077	-7.660	54.000	2.263	AV
2		5460.000	45.937	43.830	-8.063	54.000	2.108	AV
3		5561.200	87.587	85.064	N/A	N/A	2.522	AV
4		5725.000	46.431	43.587	-7.569	54.000	2.844	AV
5	*	5726.200	46.619	43.766	-7.381	54.000	2.853	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



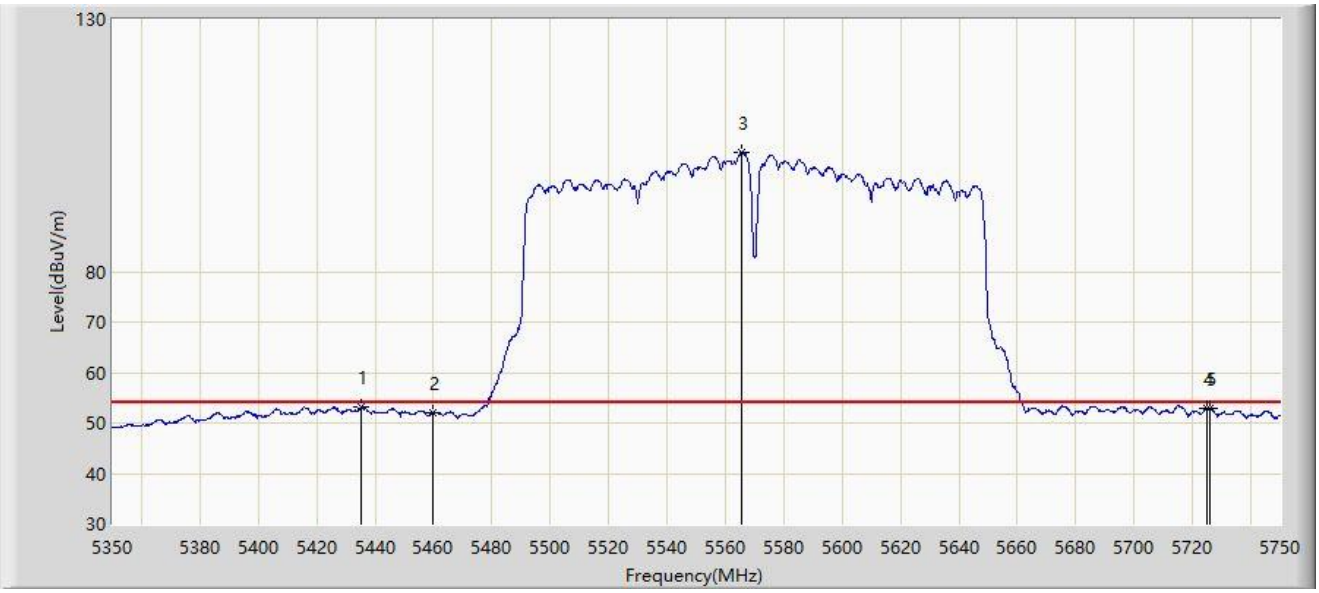
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5452.600	67.793	65.728	-6.207	74.000	2.065	PK
2		5460.000	63.818	61.711	-10.182	74.000	2.108	PK
3	*	5466.600	66.598	64.421	-1.602	68.200	2.177	PK
4		5470.000	63.887	61.675	-4.313	68.200	2.212	PK
5		5563.000	112.289	109.770	N/A	N/A	2.518	PK
6		5725.000	65.521	62.677	-2.679	68.200	2.844	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



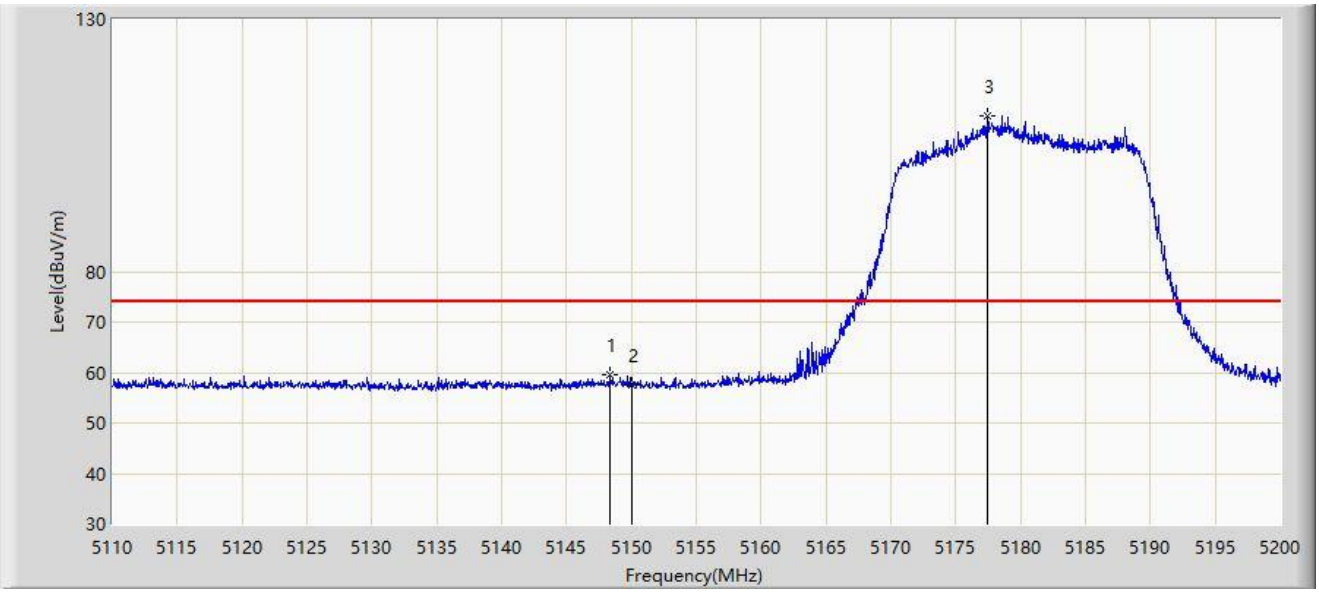
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5435.400	53.155	50.868	-0.845	54.000	2.288	AV
2		5460.000	52.088	49.981	-1.912	54.000	2.108	AV
3		5565.600	103.645	101.131	N/A	N/A	2.515	AV
4		5725.000	52.885	50.041	-1.115	54.000	2.844	AV
5		5725.800	53.016	50.166	-0.984	54.000	2.850	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.385	59.646	57.076	-14.354	74.000	2.570	PK
2		5150.000	57.605	55.046	-16.395	74.000	2.559	PK
3		5177.455	110.909	108.860	N/A	N/A	2.050	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	

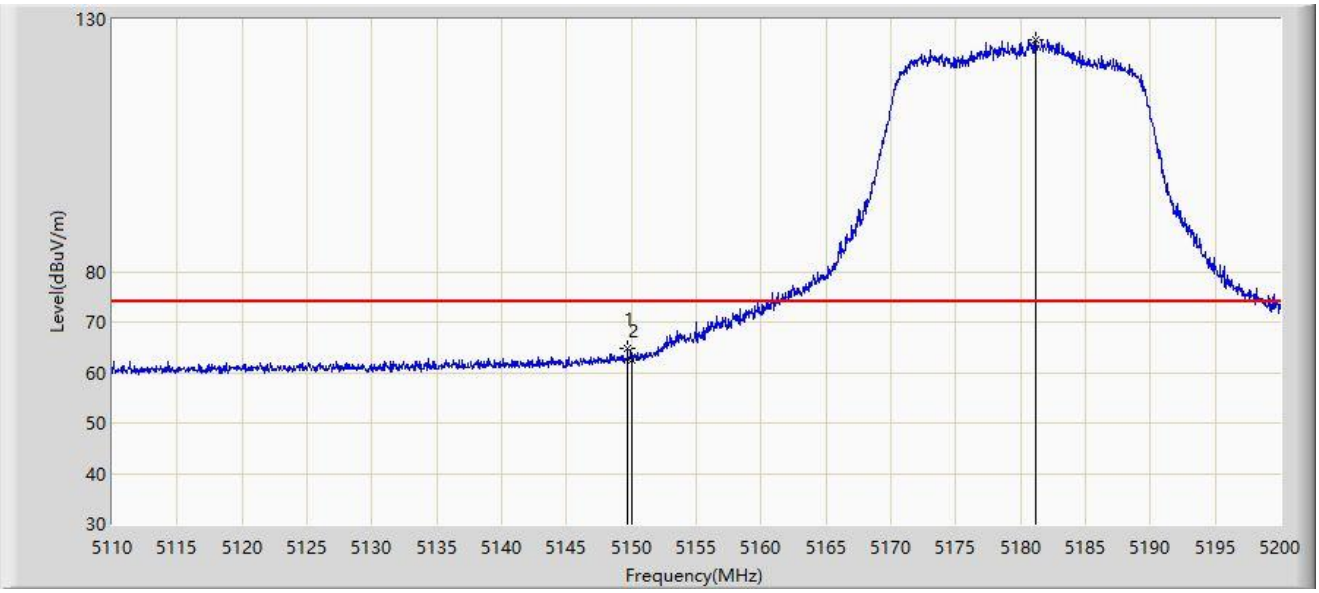
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.205	46.628	44.056	-7.372	54.000	2.572	AV
2		5150.000	46.527	43.968	-7.473	54.000	2.559	AV
3		5178.535	99.723	97.709	N/A	N/A	2.014	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



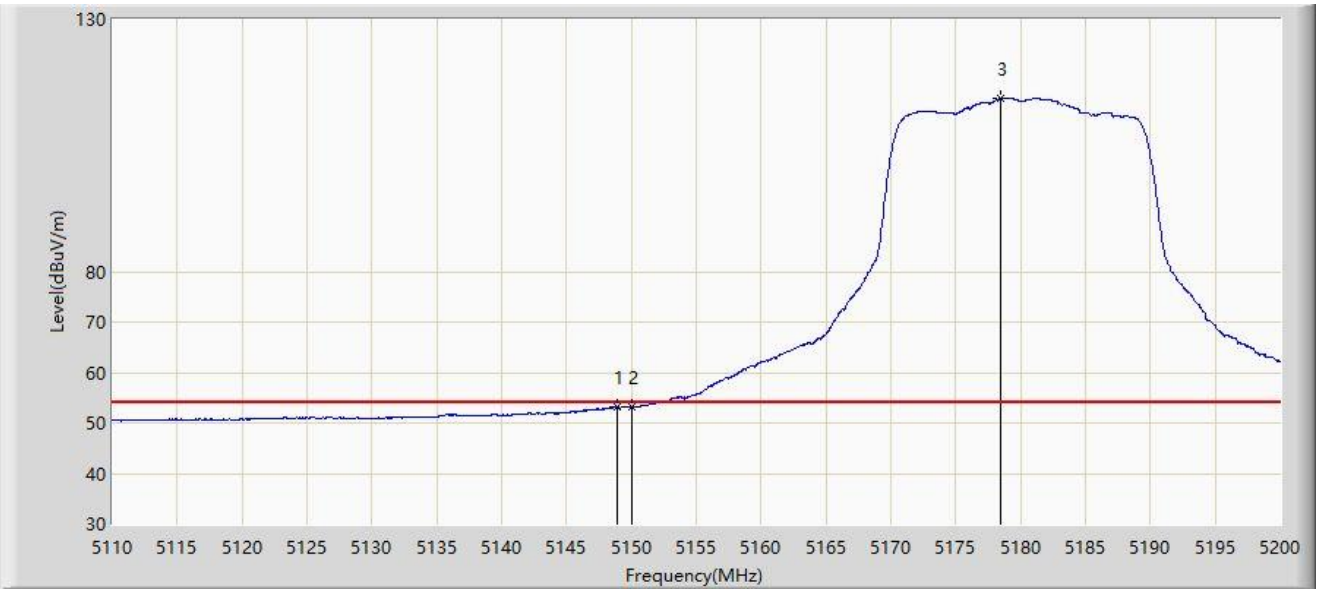
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.690	64.717	62.156	-9.283	74.000	2.561	PK
2		5150.000	62.543	59.984	-11.457	74.000	2.559	PK
3		5181.190	125.918	123.991	N/A	N/A	1.927	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



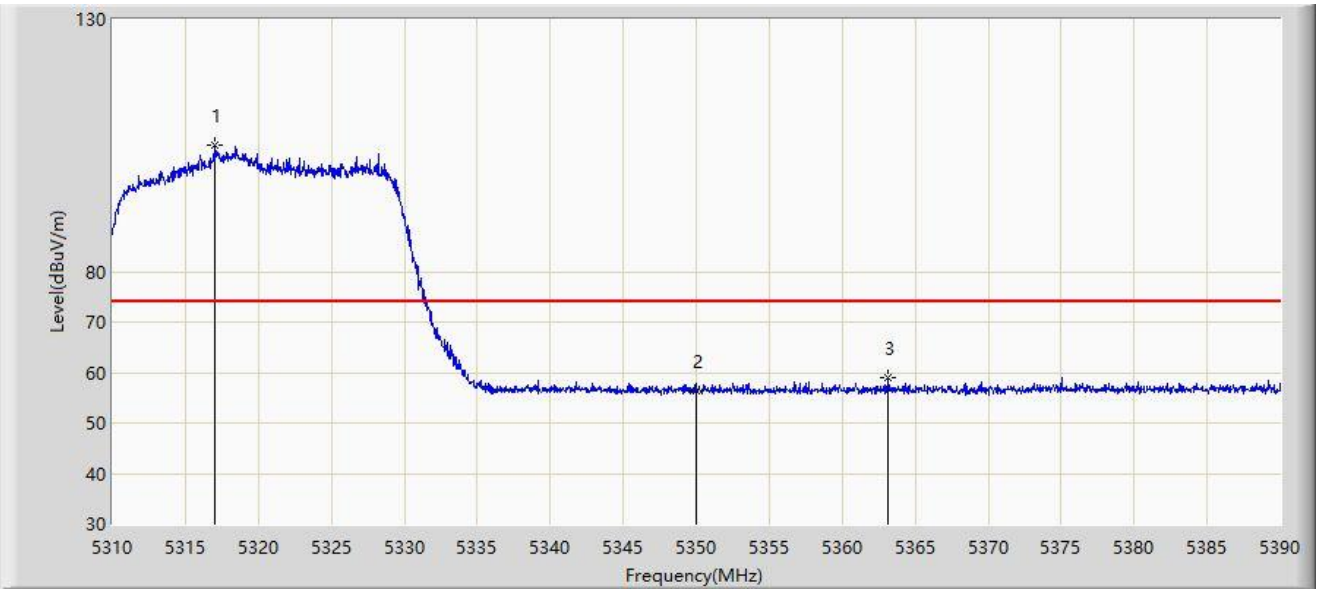
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.880	53.200	50.633	-0.800	54.000	2.567	AV
2		5150.000	53.104	50.545	-0.896	54.000	2.559	AV
3		5178.445	114.358	112.341	N/A	N/A	2.017	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



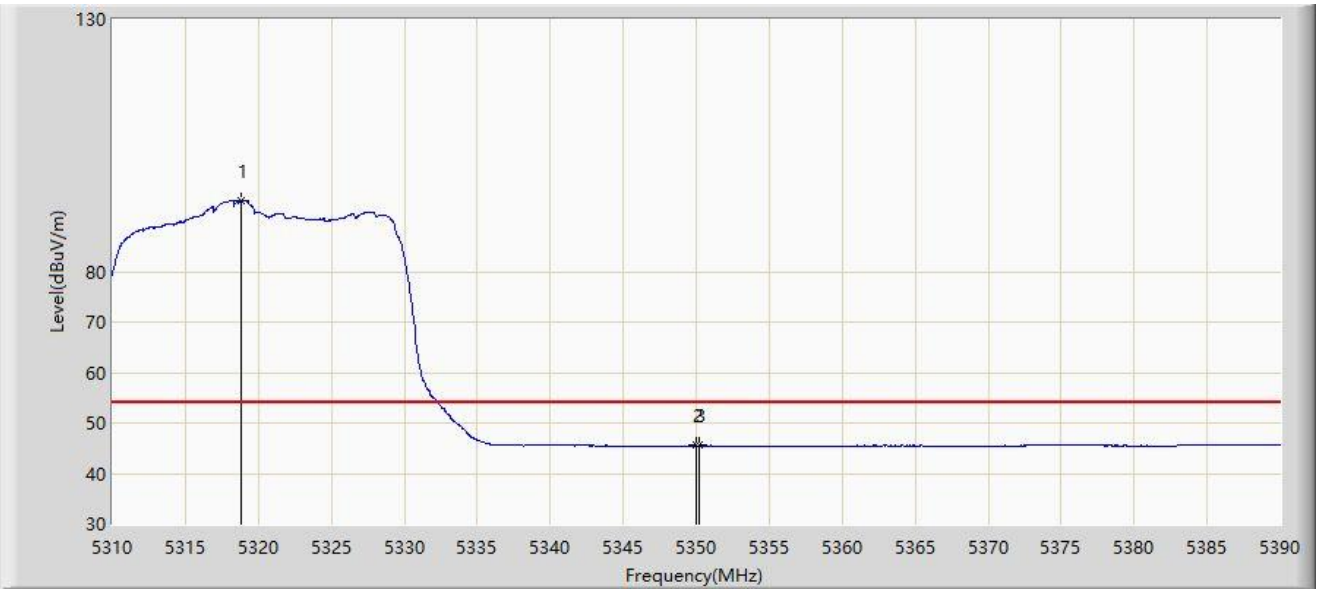
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5317.040	105.035	103.470	N/A	N/A	1.565	PK
2		5350.000	56.233	54.723	-17.767	74.000	1.510	PK
3	*	5363.160	58.908	57.246	-15.092	74.000	1.662	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



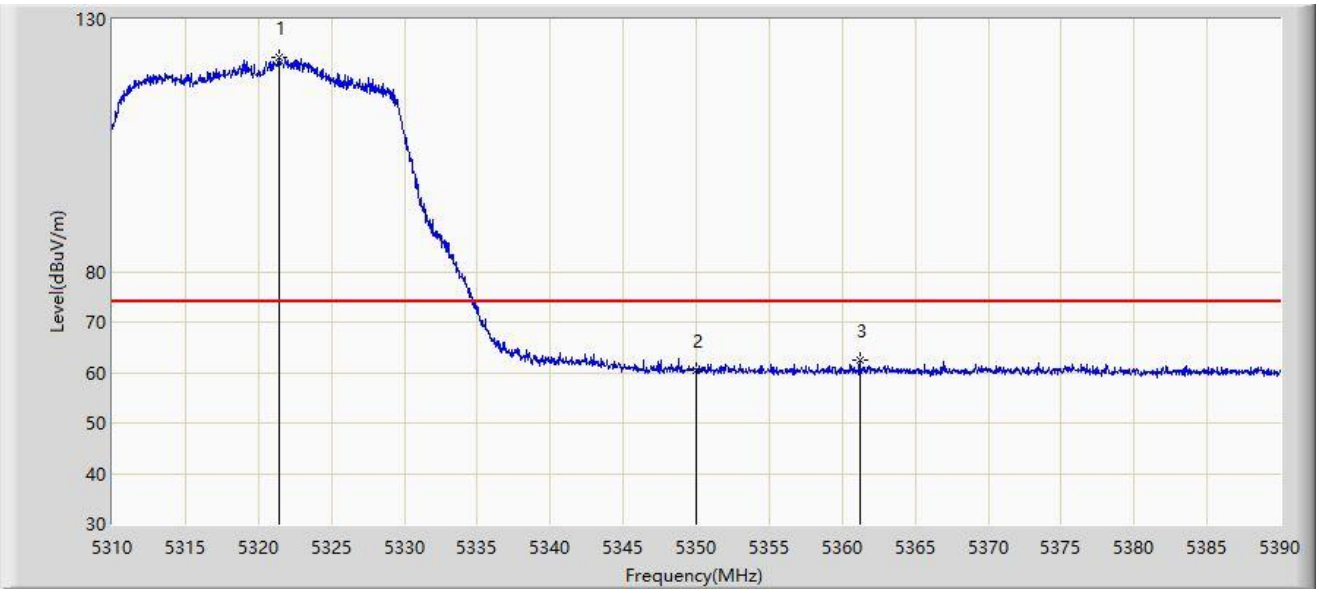
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5318.800	94.185	92.632	N/A	N/A	1.552	AV
2		5350.000	45.543	44.033	-8.457	54.000	1.510	AV
3	*	5350.240	45.594	44.084	-8.406	54.000	1.510	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



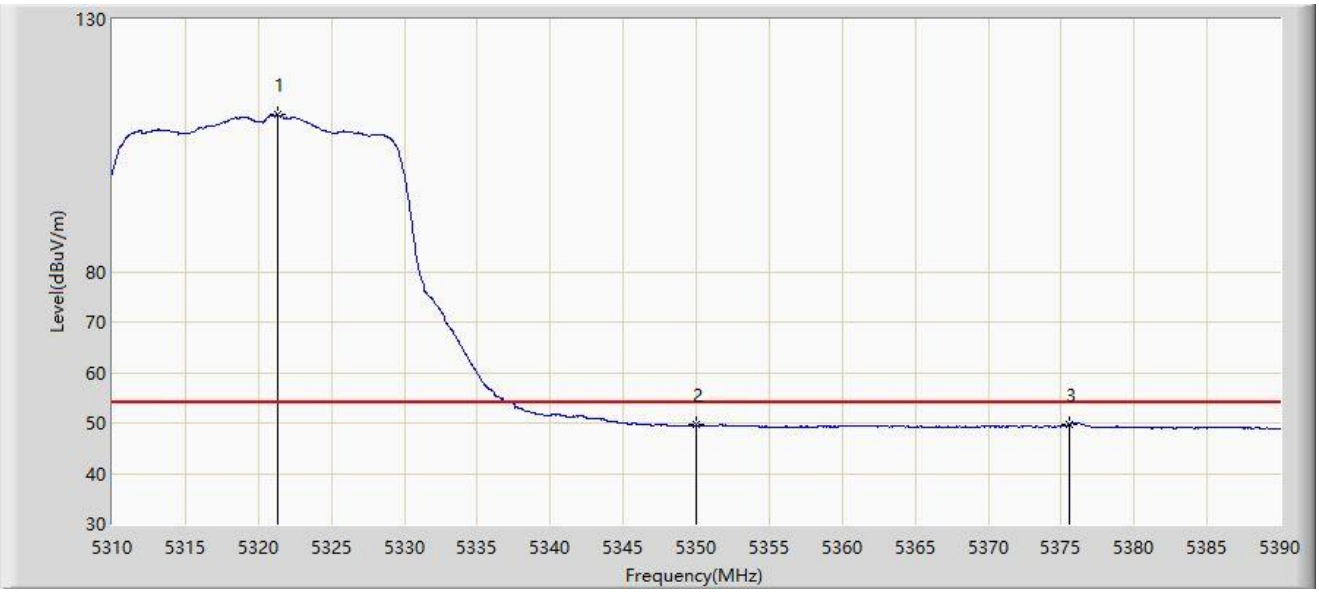
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5321.440	122.527	120.976	N/A	N/A	1.551	PK
2		5350.000	60.317	58.807	-13.683	74.000	1.510	PK
3	*	5361.200	62.364	60.729	-11.636	74.000	1.635	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



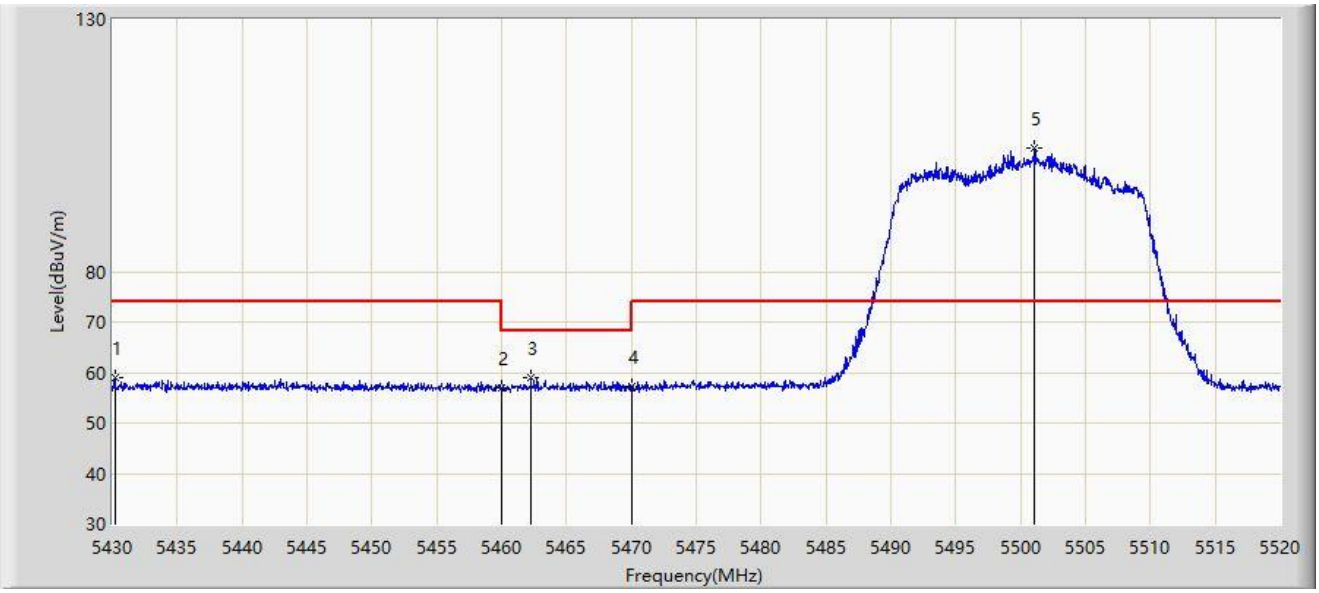
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5321.280	111.034	109.483	N/A	N/A	1.552	AV
2		5350.000	49.582	48.072	-4.418	54.000	1.510	AV
3	*	5375.560	49.726	47.964	-4.274	54.000	1.762	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



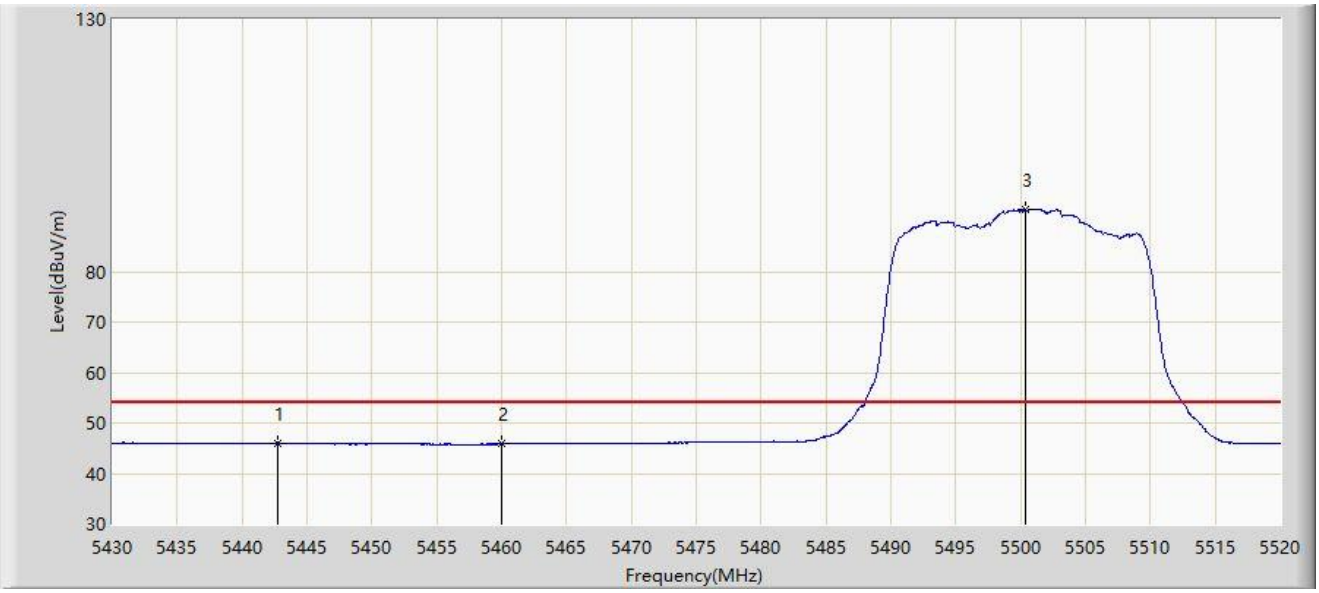
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5430.180	58.883	56.653	-15.117	74.000	2.231	PK
2		5460.000	56.879	54.772	-17.121	74.000	2.108	PK
3	*	5462.265	58.852	56.721	-9.348	68.200	2.131	PK
4		5470.000	57.160	54.948	-11.040	68.200	2.212	PK
5		5501.100	104.408	101.953	N/A	N/A	2.455	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



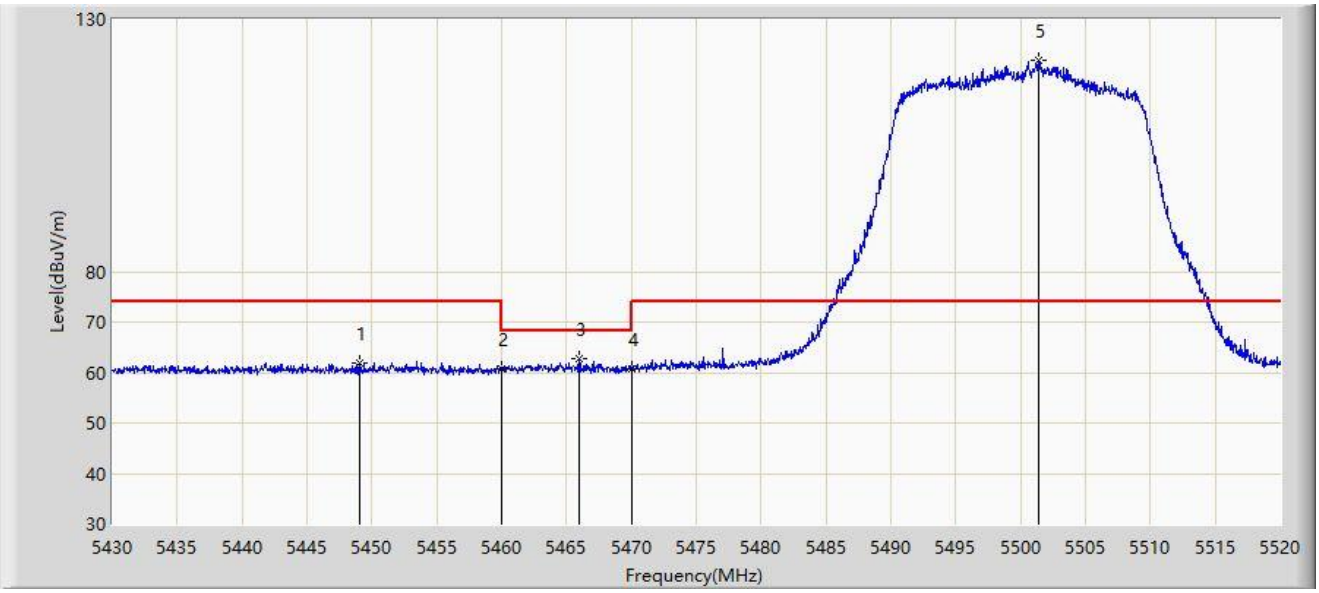
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5442.690	46.001	43.783	-7.999	54.000	2.217	AV
2		5460.000	45.818	43.711	-8.182	54.000	2.108	AV
3		5500.425	92.438	89.975	N/A	N/A	2.463	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



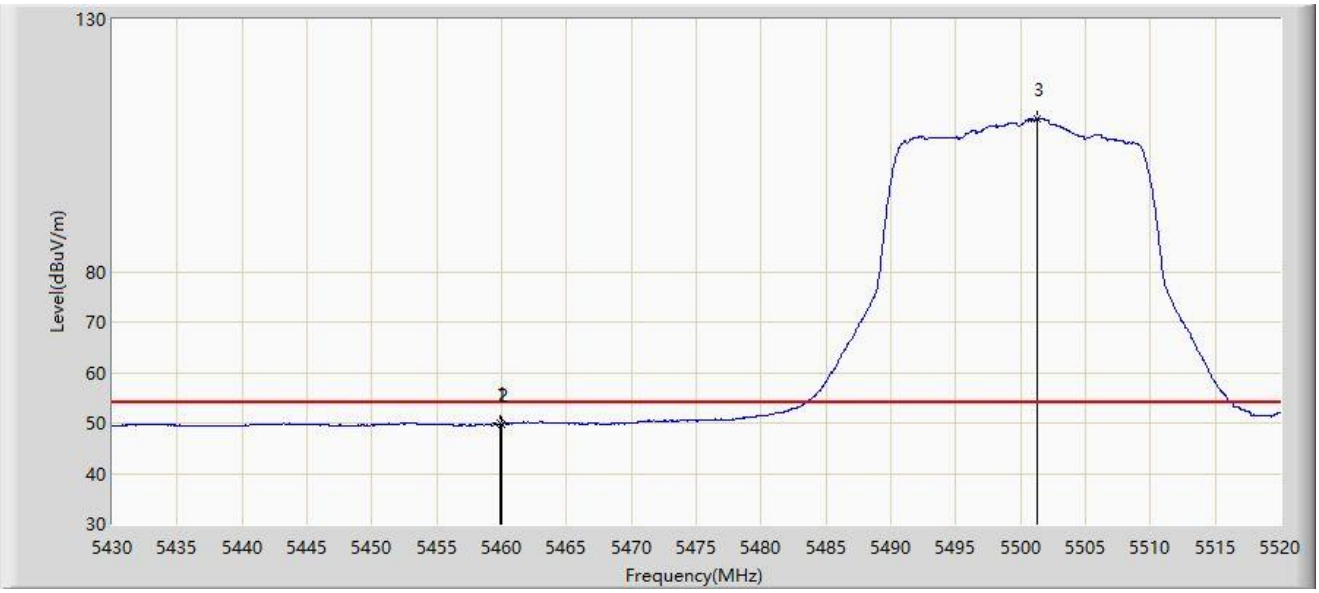
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5449.035	61.870	59.750	-12.130	74.000	2.120	PK
2		5460.000	60.851	58.744	-13.149	74.000	2.108	PK
3	*	5466.000	62.639	60.469	-5.561	68.200	2.170	PK
4		5470.000	60.827	58.615	-7.373	68.200	2.212	PK
5		5501.370	121.795	119.343	N/A	N/A	2.452	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



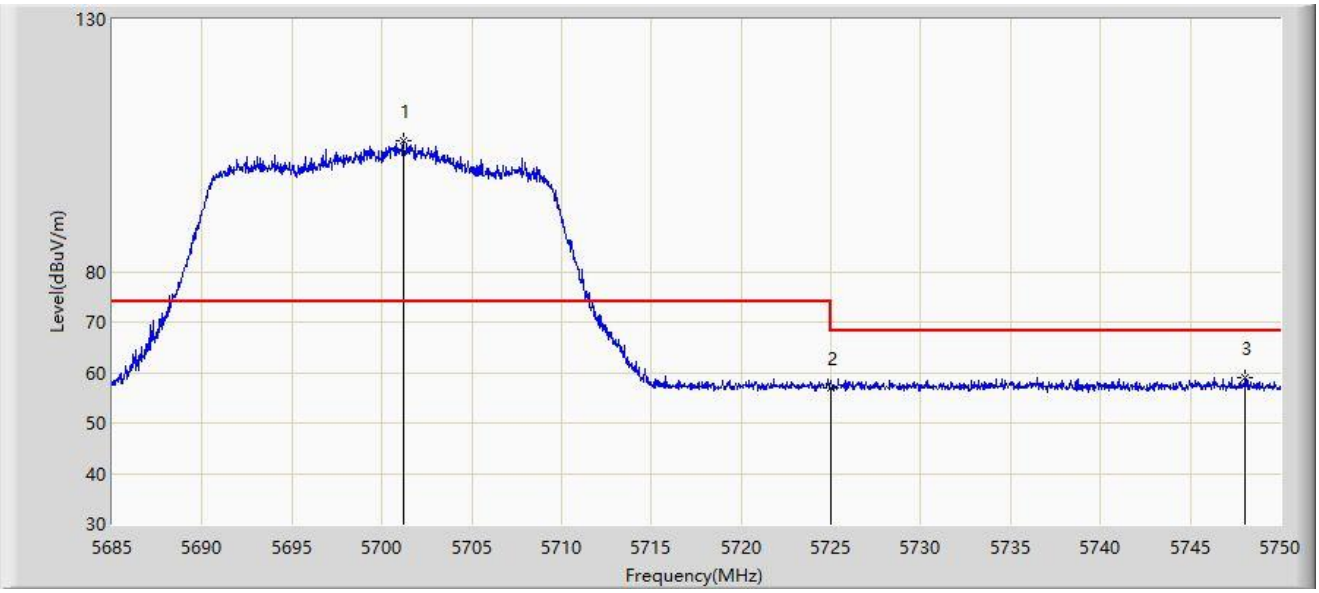
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.925	49.865	47.759	-4.135	54.000	2.106	AV
2		5460.000	49.825	47.718	-4.175	54.000	2.108	AV
3		5501.325	110.253	107.800	N/A	N/A	2.453	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



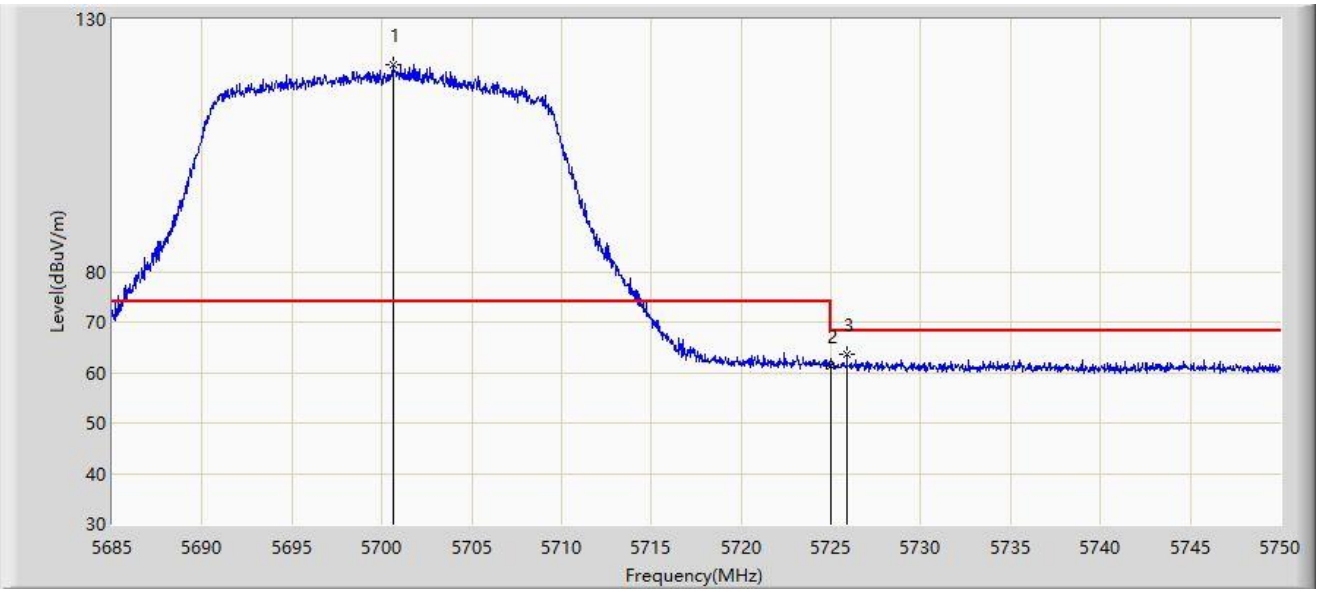
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5701.185	105.942	103.092	N/A	N/A	2.850	PK
2		5725.000	57.006	54.162	-11.194	68.200	2.844	PK
3	*	5748.083	59.004	55.933	-9.196	68.200	3.070	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



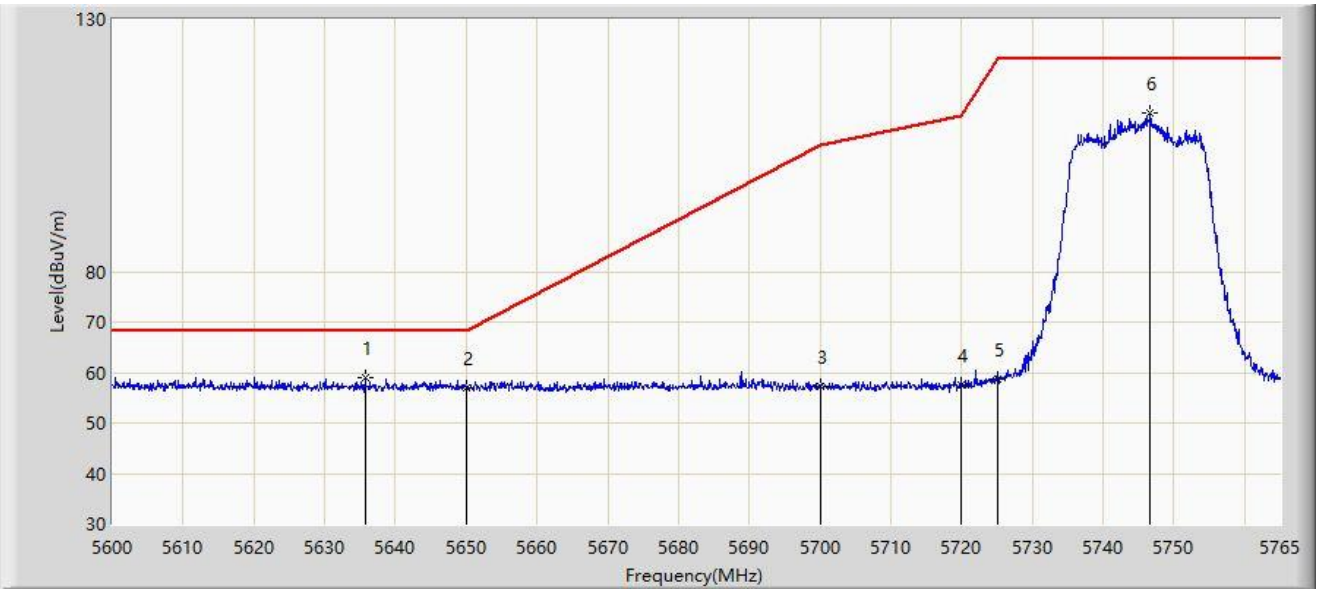
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5700.600	121.079	118.220	N/A	N/A	2.859	PK
2		5725.000	61.326	58.482	-6.874	68.200	2.844	PK
3	*	5725.885	63.533	60.683	-4.667	68.200	2.851	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



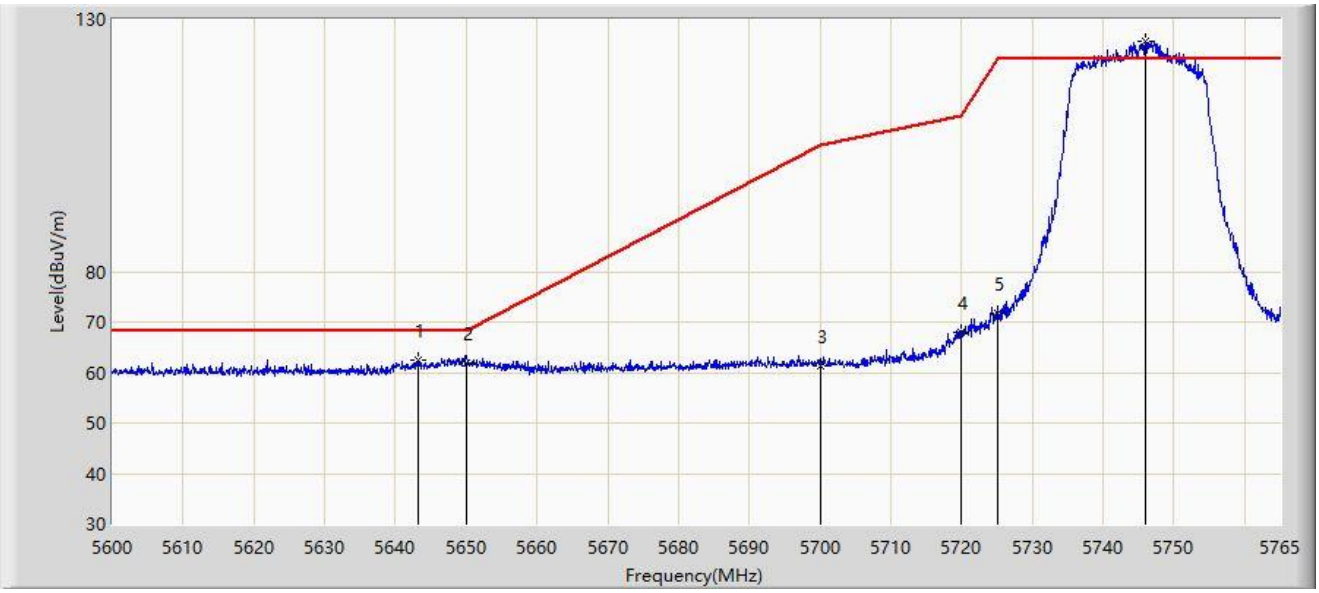
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5635.723	58.978	56.494	-9.222	68.200	2.484	PK
2		5650.000	57.093	54.542	-11.107	68.200	2.552	PK
3		5700.000	57.388	54.521	-47.812	105.200	2.867	PK
4		5720.000	57.681	54.871	-53.119	110.800	2.810	PK
5		5725.000	58.779	55.935	-63.421	122.200	2.844	PK
6		5746.603	111.447	108.389	N/A	N/A	3.058	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



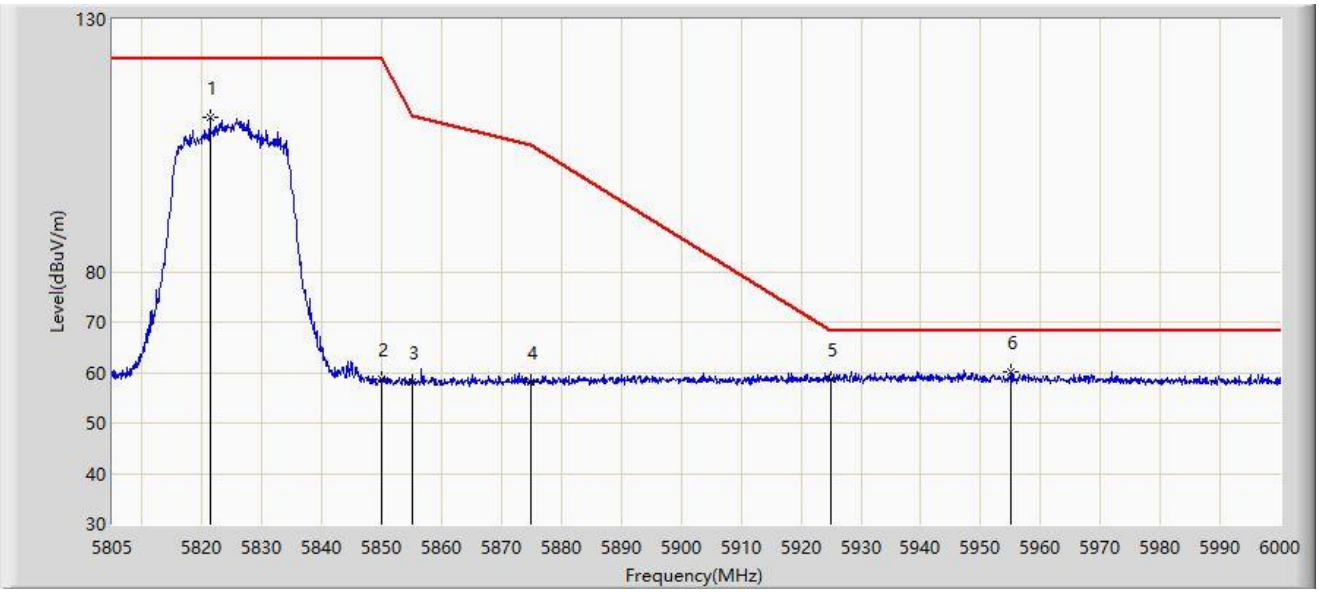
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5643.147	62.529	59.995	-5.671	68.200	2.534	PK
2		5650.000	61.945	59.394	-6.255	68.200	2.552	PK
3		5700.000	61.393	58.526	-43.807	105.200	2.867	PK
4		5720.000	67.893	65.083	-42.907	110.800	2.810	PK
5		5725.000	71.796	68.952	-50.404	122.200	2.844	PK
6		5745.942	125.677	122.624	N/A	N/A	3.053	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5825MHz	



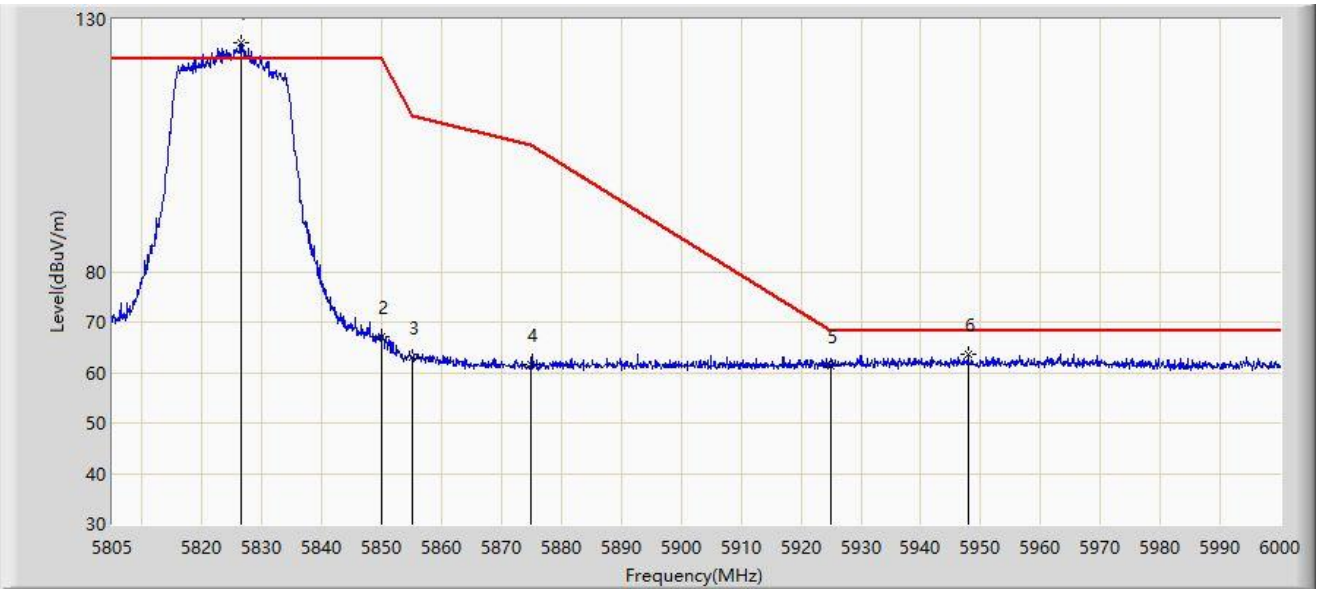
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5821.283	110.519	107.180	N/A	N/A	3.340	PK
2		5850.000	58.582	55.250	-63.618	122.200	3.333	PK
3		5855.000	57.992	54.652	-52.808	110.800	3.340	PK
4		5875.000	58.150	54.756	-47.050	105.200	3.393	PK
5		5925.000	58.655	54.890	-9.545	68.200	3.766	PK
6	*	5954.955	60.090	56.193	-8.110	68.200	3.897	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5825MHz	



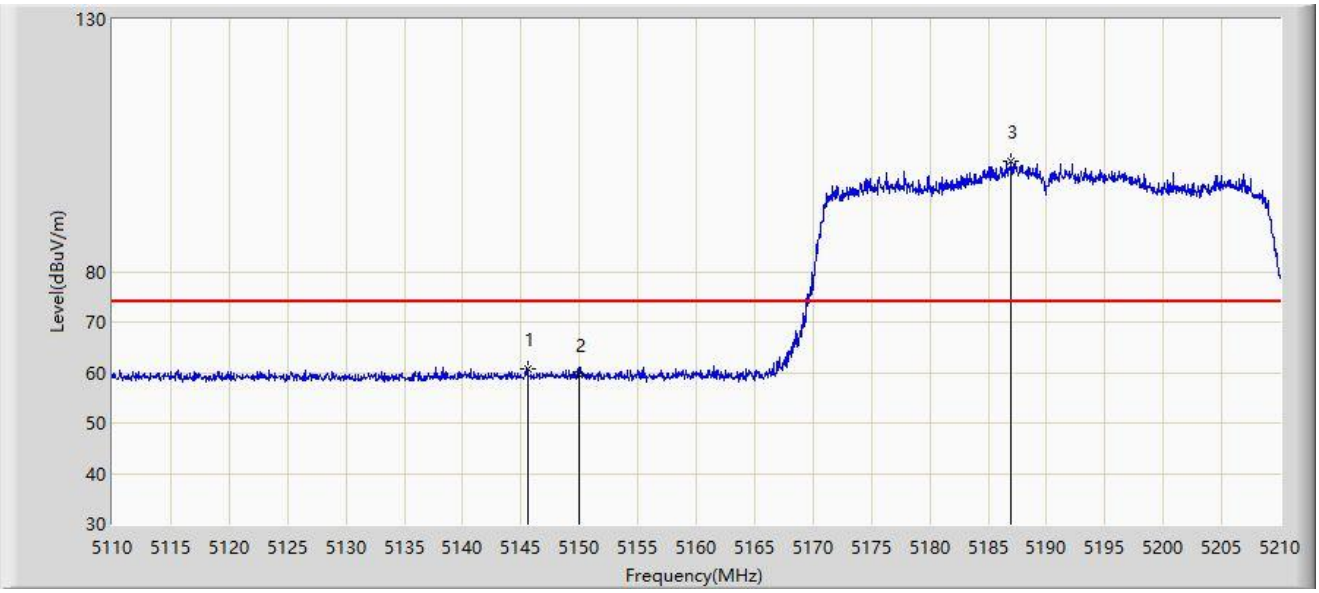
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5826.547	125.452	122.020	N/A	N/A	3.432	PK
2		5850.000	67.148	63.816	-55.052	122.200	3.333	PK
3		5855.000	63.132	59.792	-47.668	110.800	3.340	PK
4		5875.000	61.501	58.107	-43.699	105.200	3.393	PK
5		5925.000	61.216	57.451	-6.984	68.200	3.766	PK
6	*	5947.837	63.561	59.599	-4.639	68.200	3.963	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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



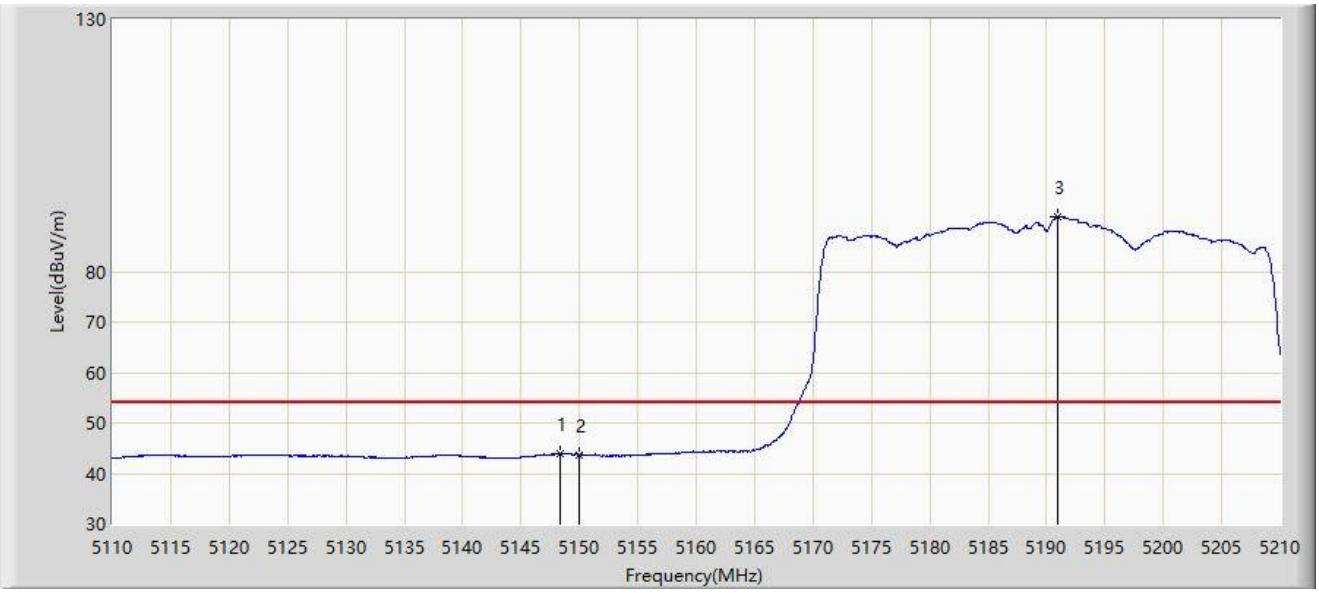
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5145.600	60.740	58.220	-13.260	74.000	2.520	PK
2		5150.000	59.492	56.933	-14.508	74.000	2.559	PK
3		5186.950	101.873	100.007	N/A	N/A	1.866	PK

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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



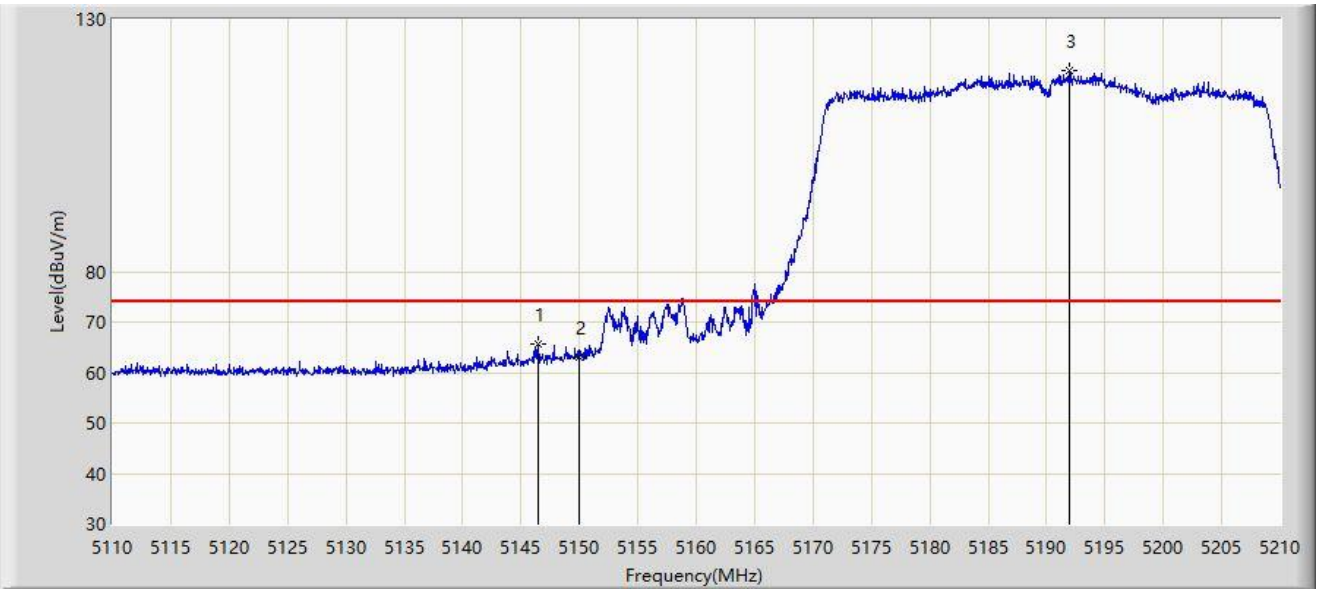
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.350	43.919	41.348	-10.081	54.000	2.570	AV
2		5150.000	43.654	41.095	-10.346	54.000	2.559	AV
3		5190.950	91.005	89.167	N/A	N/A	1.838	AV

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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



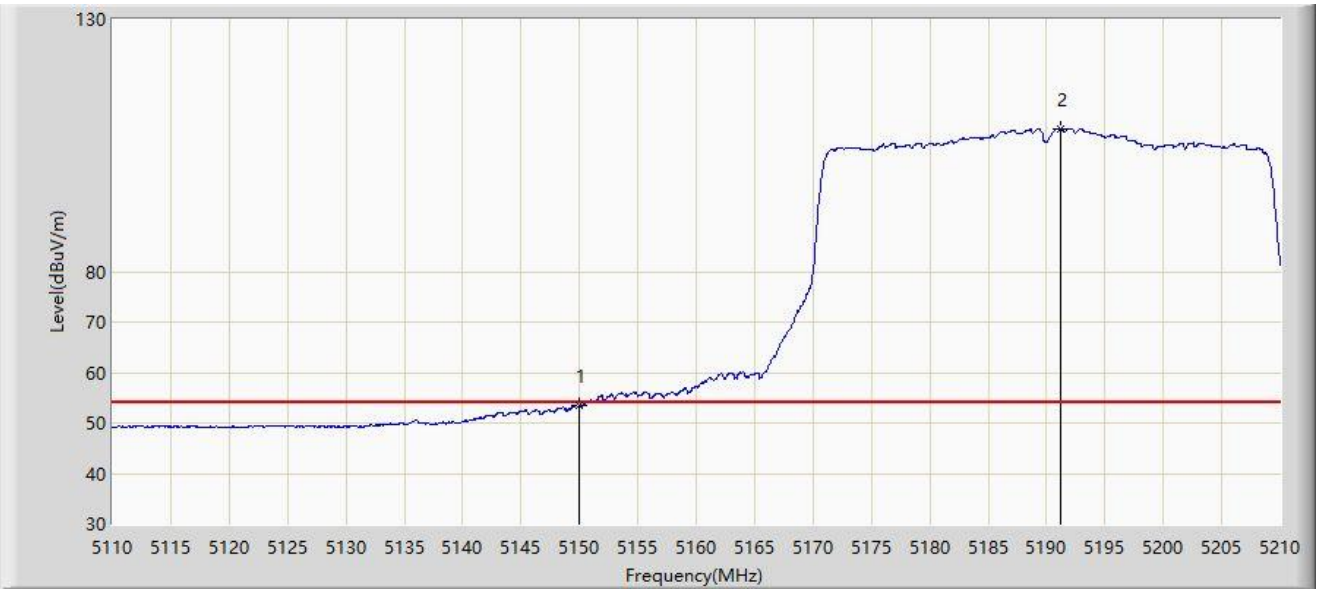
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5146.500	65.645	63.105	-8.355	74.000	2.539	PK
2		5150.000	63.019	60.460	-10.981	74.000	2.559	PK
3		5191.900	119.895	118.064	N/A	N/A	1.831	PK

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: 2023-07-26
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



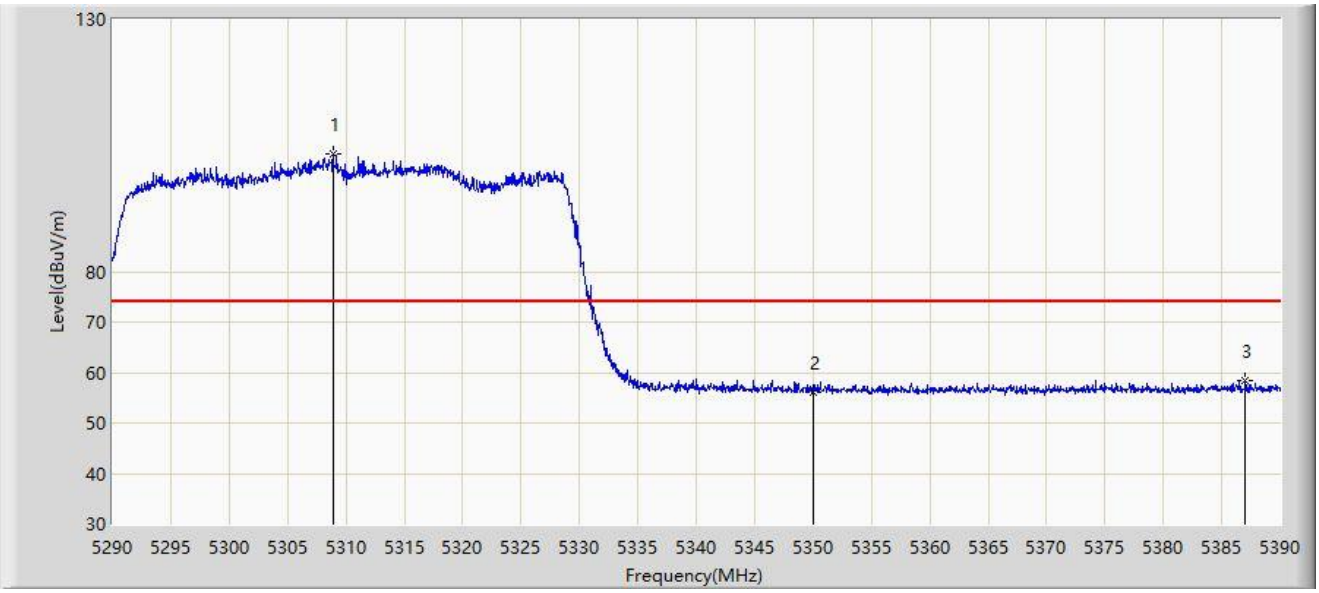
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	53.547	50.988	-0.453	54.000	2.559	AV
2		5191.150	108.339	106.503	N/A	N/A	1.836	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



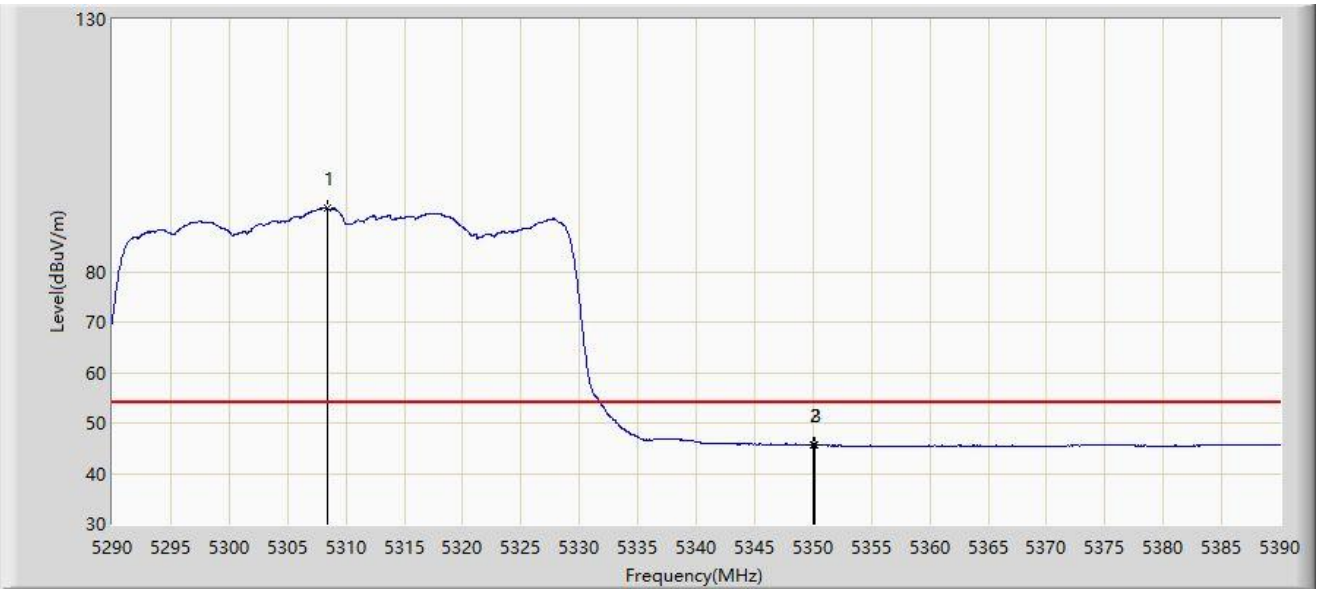
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5308.900	103.319	101.652	N/A	N/A	1.666	PK
2		5350.000	56.013	54.503	-17.987	74.000	1.510	PK
3	*	5387.050	58.329	56.536	-15.671	74.000	1.793	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



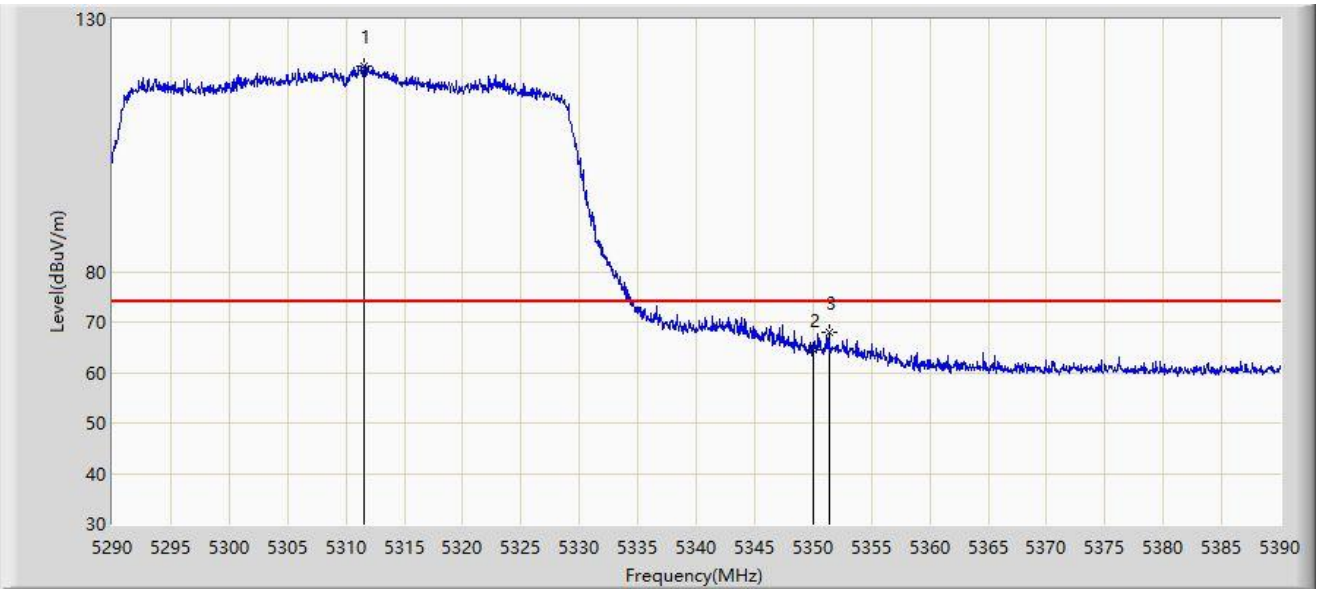
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5308.450	92.636	90.963	N/A	N/A	1.673	AV
2		5350.000	45.625	44.115	-8.375	54.000	1.510	AV
3	*	5350.100	45.657	44.147	-8.343	54.000	1.510	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



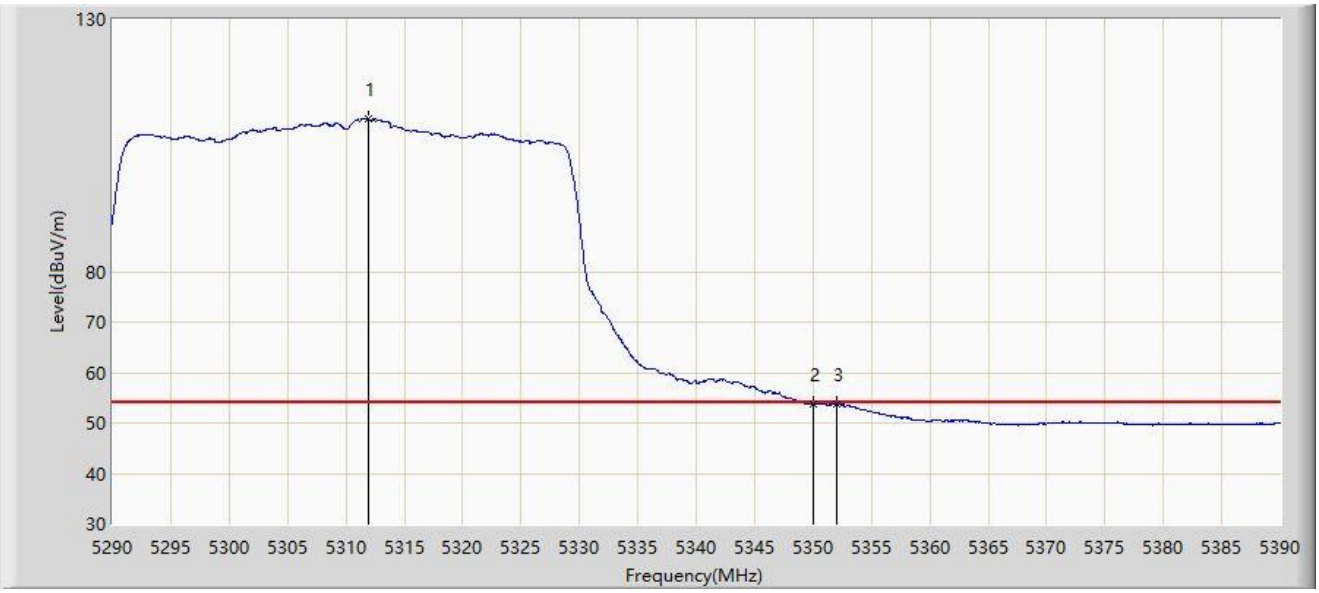
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5311.500	120.834	119.200	N/A	N/A	1.634	PK
2		5350.000	64.559	63.049	-9.441	74.000	1.510	PK
3	*	5351.400	67.864	66.357	-6.136	74.000	1.507	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



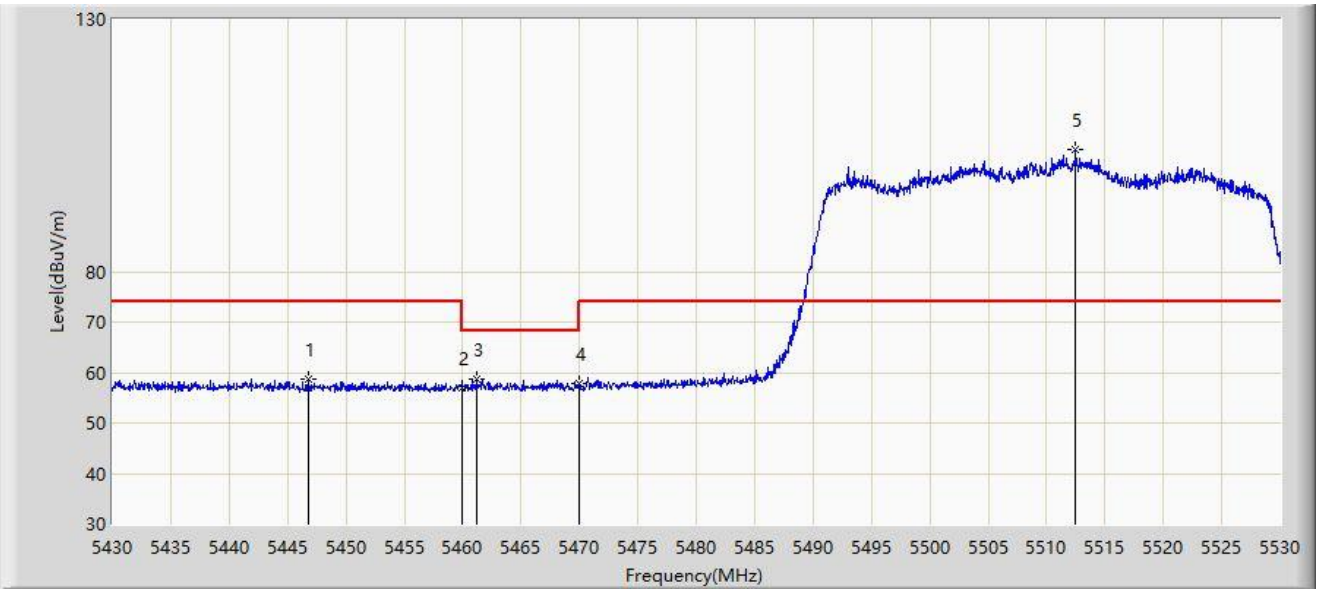
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5311.950	110.427	108.798	N/A	N/A	1.629	AV
2		5350.000	53.752	52.242	-0.248	54.000	1.510	AV
3	*	5352.050	53.859	52.352	-0.141	54.000	1.507	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



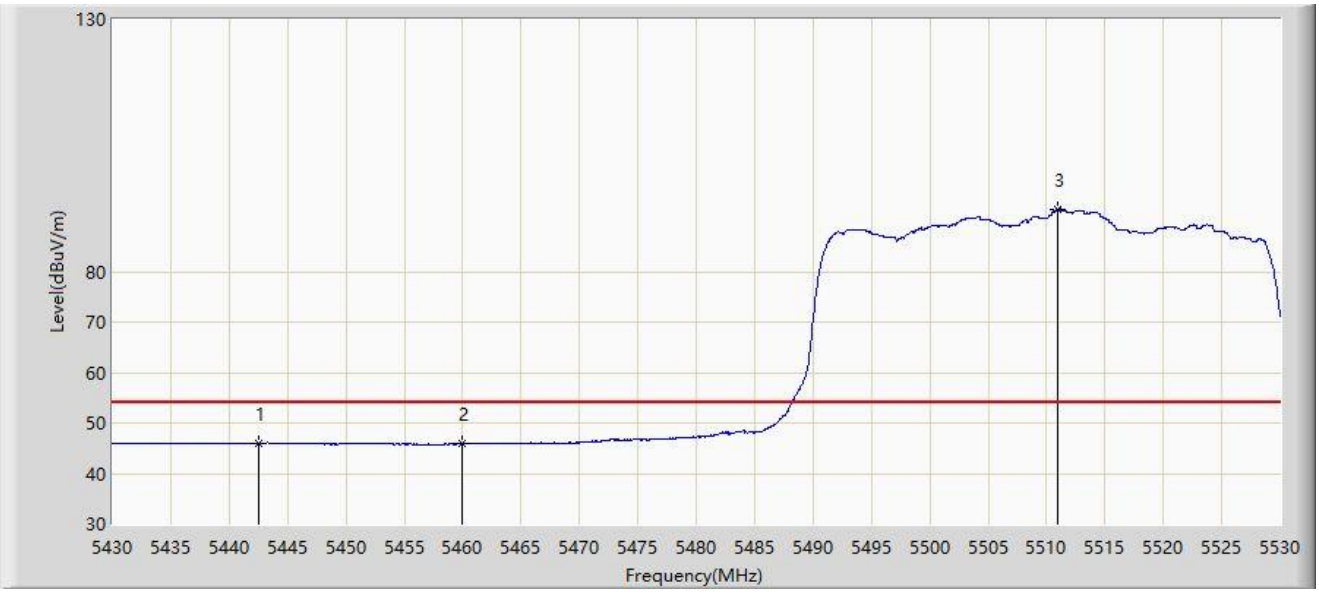
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5446.750	58.756	56.601	-15.244	74.000	2.156	PK
2		5460.000	56.929	54.822	-17.071	74.000	2.108	PK
3	*	5461.200	58.769	56.649	-9.431	68.200	2.120	PK
4		5470.000	57.927	55.715	-10.273	68.200	2.212	PK
5		5512.500	104.234	102.067	N/A	N/A	2.167	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



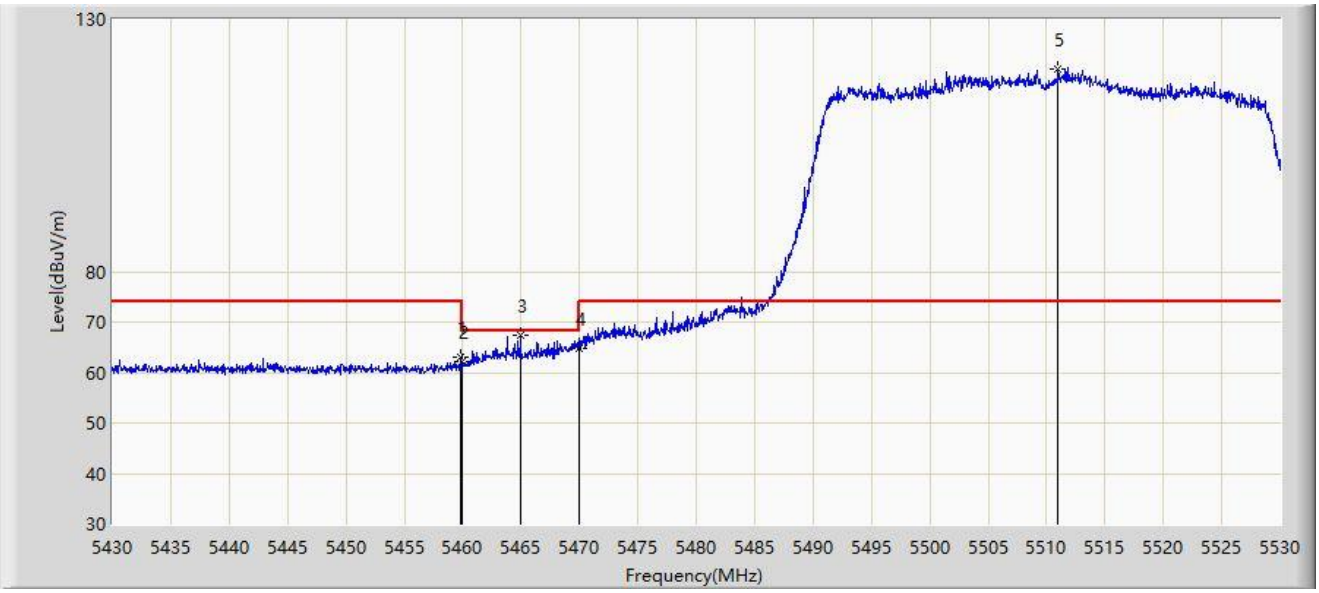
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5442.550	46.045	43.825	-7.955	54.000	2.220	AV
2		5460.000	45.863	43.756	-8.137	54.000	2.108	AV
3		5511.000	92.418	90.202	N/A	N/A	2.216	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



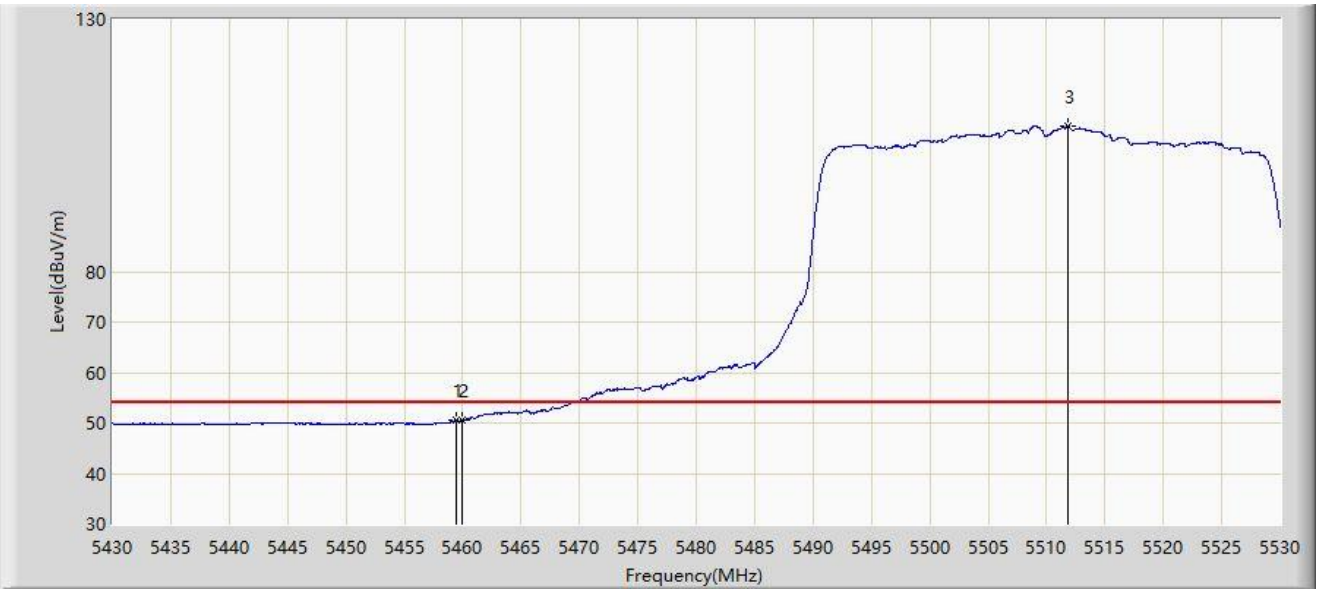
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5459.800	63.002	60.897	-10.998	74.000	2.105	PK
2		5460.000	62.244	60.137	-11.756	74.000	2.108	PK
3	*	5464.950	67.289	65.130	-0.911	68.200	2.159	PK
4		5470.000	64.826	62.614	-3.374	68.200	2.212	PK
5		5511.000	120.192	117.976	N/A	N/A	2.216	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



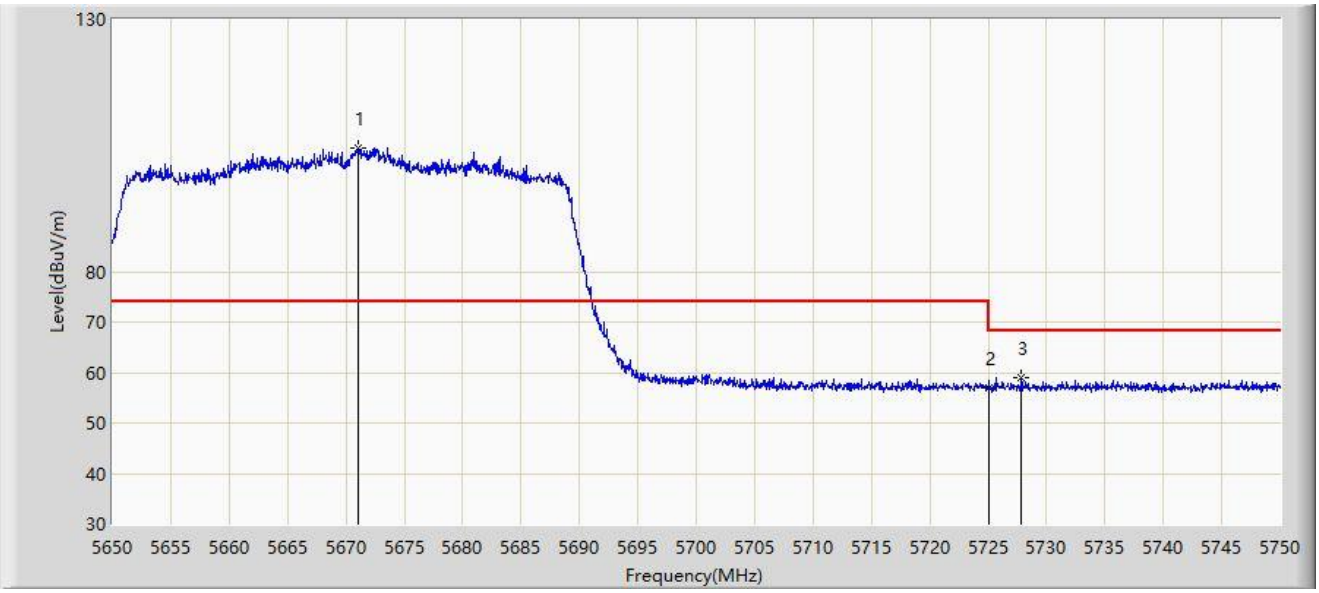
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.450	50.508	48.407	-3.492	54.000	2.102	AV
2		5460.000	50.442	48.335	-3.558	54.000	2.108	AV
3		5511.850	108.866	106.678	N/A	N/A	2.188	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



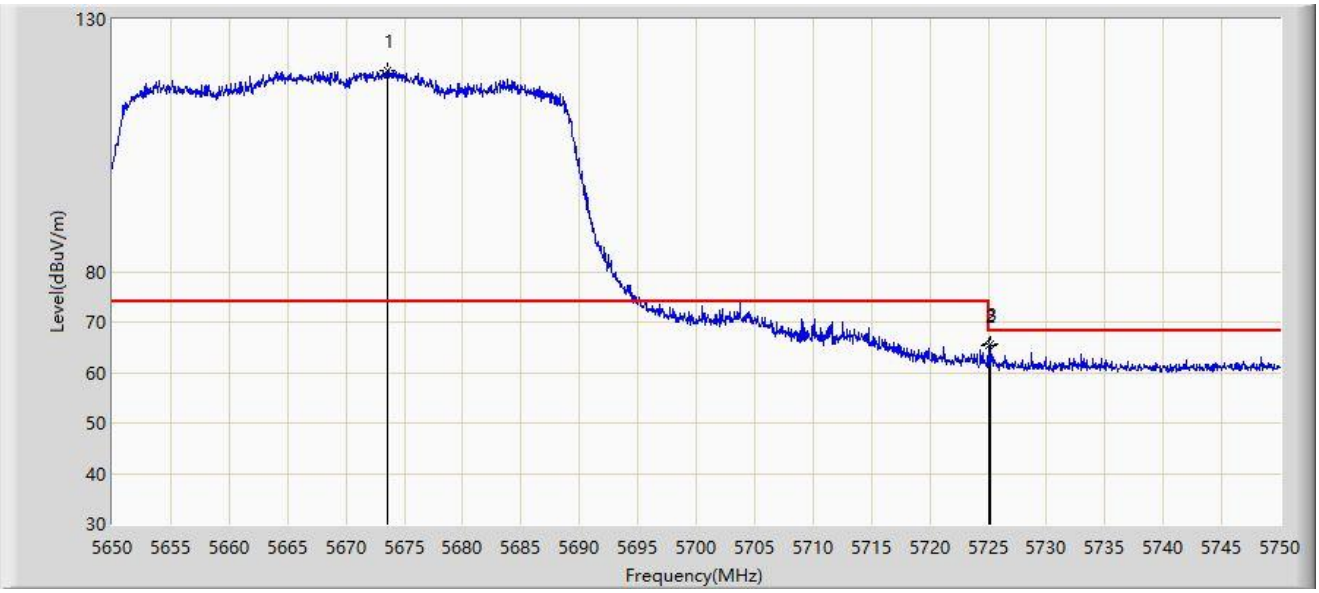
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5671.050	104.482	101.936	N/A	N/A	2.546	PK
2		5725.000	56.883	54.039	-11.317	68.200	2.844	PK
3	*	5727.850	58.987	56.117	-9.213	68.200	2.870	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



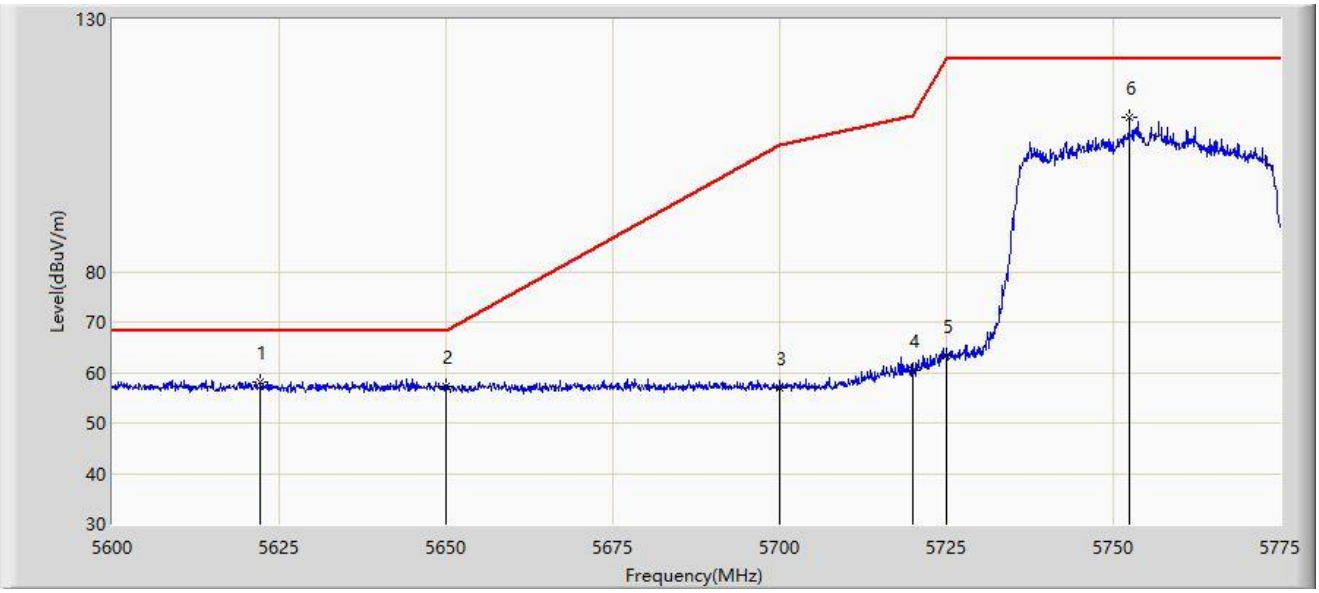
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5673.500	119.944	117.403	N/A	N/A	2.541	PK
2		5725.000	65.471	62.627	-2.729	68.200	2.844	PK
3	*	5725.200	65.540	62.694	-2.660	68.200	2.845	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



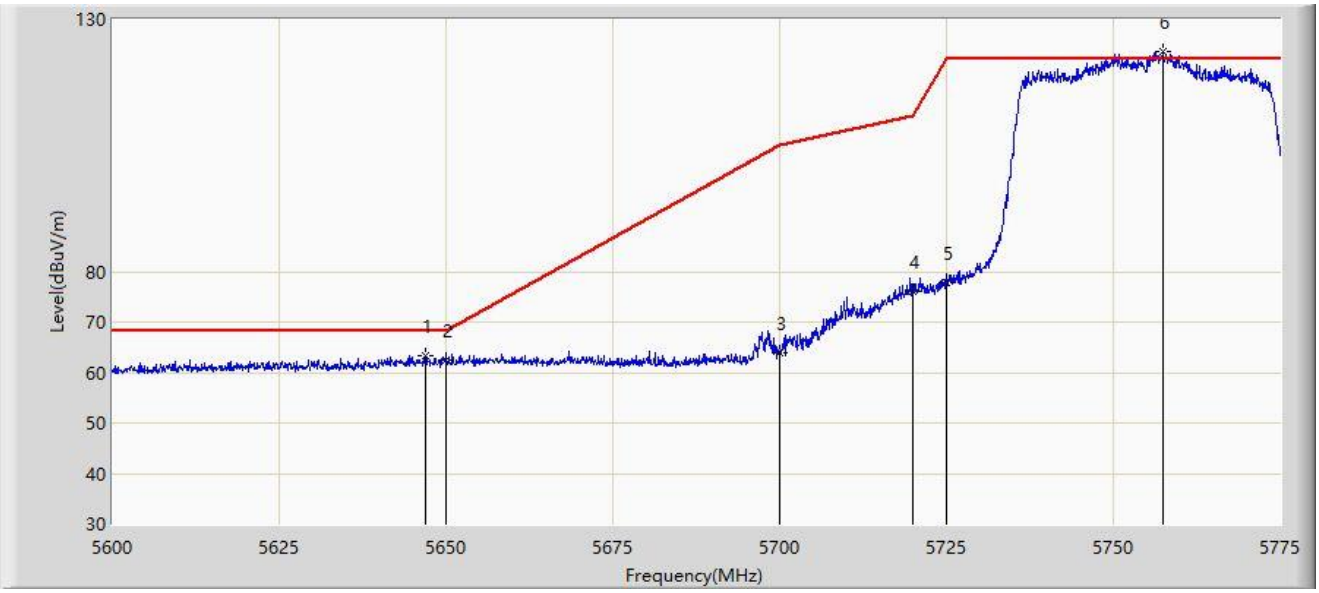
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5622.225	58.134	55.744	-10.066	68.200	2.390	PK
2		5650.000	57.225	54.674	-10.975	68.200	2.552	PK
3		5700.000	57.004	54.137	-48.196	105.200	2.867	PK
4		5720.000	60.360	57.550	-50.440	110.800	2.810	PK
5		5725.000	63.465	60.621	-58.735	122.200	2.844	PK
6		5752.425	110.506	107.399	N/A	N/A	3.108	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-01
Limit: FCC_5.8G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AXE5400 Tri-Band Wi-Fi 6E Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5646.900	63.345	60.802	-4.855	68.200	2.543	PK
2		5650.000	62.471	59.920	-5.729	68.200	2.552	PK
3		5700.000	63.916	61.049	-41.284	105.200	2.867	PK
4		5720.000	76.133	73.323	-34.667	110.800	2.810	PK
5		5725.000	77.958	75.114	-44.242	122.200	2.844	PK
6		5757.413	123.752	120.603	N/A	N/A	3.150	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).