

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	Test Mode	802.11ac-VHT40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	11064.0	35.1	15.8	50.9	74.0	-23.1	Peak	Horizontal
*	12857.5	34.0	15.2	49.2	68.2	-19.0	Peak	Horizontal
	15812.6	37.6	16.2	53.8	74.0	-20.2	Peak	Horizontal
	15812.6	29.5	16.2	45.7	54.0	-8.3	Average	Horizontal
*	16376.5	32.7	16.9	49.6	68.2	-18.6	Peak	Horizontal
	8361.0	35.7	9.7	45.4	74.0	-28.6	Peak	Vertical
*	10537.0	37.1	13.7	50.8	68.2	-17.4	Peak	Vertical
	15816.1	40.0	16.3	56.3	74.0	-17.7	Peak	Vertical
	15816.1	30.9	16.3	47.2	54.0	-6.8	Average	Vertical
*	16657.0	32.3	18.2	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	Test Mode	802.11ac-VHT40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	10630.5	36.6	14.1	50.7	74.0	-23.3	Peak	Horizontal
*	13138.0	33.8	15.8	49.6	68.2	-18.6	Peak	Horizontal
	15926.0	37.9	15.2	53.1	74.0	-20.9	Peak	Horizontal
*	16436.0	33.6	17.4	51.0	68.2	-17.2	Peak	Horizontal
	11038.5	35.8	15.1	50.9	74.0	-23.1	Peak	Vertical
*	12959.5	32.4	15.5	47.9	68.2	-20.3	Peak	Vertical
	15925.4	38.7	15.2	53.9	74.0	-20.1	Peak	Vertical
	15925.4	29.8	15.2	45.0	54.0	-9.0	Average	Vertical
*	16572.0	32.1	16.8	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	2023-08-29~2023-08-30	Test Mode	802.11ac-VHT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8446.0	36.4	10.5	46.9	74.0	-27.1	Peak	Horizontal
*	10086.5	35.3	13.1	48.4	68.2	-19.8	Peak	Horizontal
	10970.5	35.9	15.1	51.0	74.0	-23.0	Peak	Horizontal
*	13027.5	33.5	15.6	49.1	68.2	-19.1	Peak	Horizontal
	8267.5	40.4	9.1	49.5	74.0	-24.5	Peak	Vertical
*	9831.5	35.8	12.6	48.4	68.2	-19.8	Peak	Vertical
	11021.5	37.3	15.0	52.3	74.0	-21.7	Peak	Vertical
*	13010.5	32.3	15.4	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	2023-08-29~2023-08-30	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
	8208.0	35.5	9.2	44.7	74.0	-29.3	Peak	Horizontal
*	9882.5	35.7	12.8	48.5	68.2	-19.7	Peak	Horizontal
	11098.0	36.3	15.2	51.5	74.0	-22.5	Peak	Horizontal
*	13027.5	33.2	15.6	48.8	68.2	-19.4	Peak	Horizontal
	8327.0	40.9	9.3	50.2	74.0	-23.8	Peak	Vertical
*	9797.5	34.9	12.4	47.3	68.2	-20.9	Peak	Vertical
	11099.9	36.7	15.2	51.9	74.0	-22.1	Peak	Vertical
	11099.9	28.6	15.2	43.8	54.0	-10.2	Average	Vertical
*	12883.0	34.2	15.2	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	8199.5	35.9	9.2	45.1	74.0	-28.9	Peak	Horizontal
*	9857.0	35.0	11.9	46.9	68.2	-21.3	Peak	Horizontal
	11327.5	36.2	15.2	51.4	74.0	-22.6	Peak	Horizontal
*	12891.5	32.8	15.0	47.8	68.2	-20.4	Peak	Horizontal
	8123.0	37.3	9.2	46.5	74.0	-27.5	Peak	Vertical
*	8505.5	38.2	10.6	48.8	68.2	-19.4	Peak	Vertical
	11340.1	41.3	15.3	56.6	74.0	-17.4	Peak	Vertical
	11340.1	31.9	15.3	47.2	54.0	-6.8	Average	Vertical
*	13019.0	33.3	15.4	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	2023-08-29~2023-08-30	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
	11038.5	35.2	15.1	50.3	74.0	-23.7	Peak	Horizontal
*	13019.0	33.3	15.4	48.7	68.2	-19.5	Peak	Horizontal
	15892.0	35.7	16.7	52.4	74.0	-21.6	Peak	Horizontal
*	16495.5	32.6	16.2	48.8	68.2	-19.4	Peak	Horizontal
	10953.5	34.9	15.2	50.1	74.0	-23.9	Peak	Vertical
*	12951.0	34.0	15.6	49.6	68.2	-18.6	Peak	Vertical
	15885.0	36.3	16.3	52.6	74.0	-21.4	Peak	Vertical
	15885.0	26.8	16.3	43.1	54.0	-10.9	Average	Vertical
*	16495.5	32.6	16.2	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	2023-08-29~2023-08-30	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
	8361.0	35.6	9.7	45.3	74.0	-28.7	Peak	Horizontal
*	10299.0	36.0	13.4	49.4	68.2	-18.8	Peak	Horizontal
	11081.0	34.6	16.1	50.7	74.0	-23.3	Peak	Horizontal
*	13019.0	34.0	15.4	49.4	68.2	-18.8	Peak	Horizontal
	8293.0	40.4	9.3	49.7	74.0	-24.3	Peak	Vertical
*	9831.5	36.2	12.6	48.8	68.2	-19.4	Peak	Vertical
	11064.0	37.6	15.8	53.4	74.0	-20.6	Peak	Vertical
*	13002.0	33.9	15.4	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	8250.5	36.2	9.0	45.2	74.0	-28.8	Peak	Horizontal
*	10469.0	36.3	14.1	50.4	68.2	-17.8	Peak	Horizontal
	11200.0	35.2	15.6	50.8	74.0	-23.2	Peak	Horizontal
*	12900.0	33.7	14.8	48.5	68.2	-19.7	Peak	Horizontal
	8344.0	35.3	9.6	44.9	74.0	-29.1	Peak	Vertical
*	9721.0	34.0	12.0	46.0	68.2	-22.2	Peak	Vertical
	11208.5	36.5	15.8	52.3	74.0	-21.7	Peak	Vertical
*	13002.0	33.6	15.4	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	8352.5	36.4	9.7	46.1	74.0	-27.9	Peak	Horizontal
*	10069.5	35.4	12.8	48.2	68.2	-20.0	Peak	Horizontal
	11021.5	35.7	15.0	50.7	74.0	-23.3	Peak	Horizontal
*	13197.5	33.5	15.4	48.9	68.2	-19.3	Peak	Horizontal
	8352.5	40.1	9.7	49.8	74.0	-24.2	Peak	Vertical
*	9984.5	35.1	12.8	47.9	68.2	-20.3	Peak	Vertical
	11089.5	36.0	15.6	51.6	74.0	-22.4	Peak	Vertical
*	13095.5	34.3	15.3	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	11089.5	34.9	15.6	50.5	74.0	-23.5	Peak	Horizontal
*	12951.0	32.7	15.6	48.3	68.2	-19.9	Peak	Horizontal
	15790.0	36.4	15.9	52.3	74.0	-21.7	Peak	Horizontal
*	16597.5	33.0	17.8	50.8	68.2	-17.4	Peak	Horizontal
	8412.0	39.3	9.9	49.2	74.0	-24.8	Peak	Vertical
*	10520.0	36.9	13.7	50.6	68.2	-17.6	Peak	Vertical
	15779.7	37.6	16.0	53.6	74.0	-20.4	Peak	Vertical
	15779.7	27.6	16.0	43.6	54.0	-10.4	Average	Vertical
*	16614.5	32.6	18.0	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	11072.5	34.6	15.9	50.5	74.0	-23.5	Peak	Horizontal
*	13019.0	32.3	15.4	47.7	68.2	-20.5	Peak	Horizontal
	15901.2	40.2	16.5	56.7	74.0	-17.3	Peak	Horizontal
	15901.2	29.2	16.5	45.7	54.0	-8.3	Average	Horizontal
*	16495.5	32.9	16.2	49.1	68.2	-19.1	Peak	Horizontal
	11786.5	34.7	14.6	49.3	74.0	-24.7	Peak	Vertical
*	13197.5	33.4	15.4	48.8	68.2	-19.4	Peak	Vertical
	15904.4	41.5	16.5	58.0	74.0	-16.0	Peak	Vertical
	15904.4	30.5	16.5	47.0	54.0	-7.0	Average	Vertical
*	16648.5	32.7	18.0	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	11472.0	34.4	15.8	50.2	74.0	-23.8	Peak	Horizontal
*	12976.5	34.4	15.3	49.7	68.2	-18.5	Peak	Horizontal
	15959.9	40.5	15.0	55.5	74.0	-18.5	Peak	Horizontal
	15959.9	28.9	15.0	43.9	54.0	-10.1	Average	Horizontal
*	16572.0	33.6	16.8	50.4	68.2	-17.8	Peak	Horizontal
	10630.5	36.9	14.1	51.0	74.0	-23.0	Peak	Vertical
*	13070.0	34.3	15.8	50.1	68.2	-18.1	Peak	Vertical
	15963.6	44.4	15.2	59.6	74.0	-14.4	Peak	Vertical
	15963.6	29.5	15.2	44.7	54.0	-9.3	Average	Vertical
*	16657.0	33.1	18.2	51.3	68.2	-16.9	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	8446.0	36.3	10.5	46.8	74.0	-27.2	Peak	Horizontal
*	9780.5	36.2	12.3	48.5	68.2	-19.7	Peak	Horizontal
	10996.0	36.2	14.6	50.8	74.0	-23.2	Peak	Horizontal
*	13146.5	34.1	15.7	49.8	68.2	-18.4	Peak	Horizontal
	8250.5	40.9	9.0	49.9	74.0	-24.1	Peak	Vertical
*	9721.0	36.3	12.0	48.3	68.2	-19.9	Peak	Vertical
	10996.0	38.6	14.6	53.2	74.0	-20.8	Peak	Vertical
*	13121.0	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	2023-08-29~2023-08-30	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
	8310.0	34.7	9.3	44.0	74.0	-30.0	Peak	Horizontal
*	9253.5	37.5	12.3	49.8	68.2	-18.4	Peak	Horizontal
	11162.3	35.8	15.5	51.3	74.0	-22.7	Peak	Horizontal
	11162.3	26.7	15.5	42.2	54.0	-11.8	Average	Horizontal
*	12789.5	33.4	14.8	48.2	68.2	-20.0	Peak	Horizontal
	8369.5	39.7	9.8	49.5	74.0	-24.5	Peak	Vertical
*	9823.0	35.4	12.5	47.9	68.2	-20.3	Peak	Vertical
	11159.8	40.4	15.5	55.9	74.0	-18.1	Peak	Vertical
	11159.8	30.8	15.5	46.3	54.0	-7.7	Average	Vertical
*	12857.5	33.7	15.2	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	Test Mode	802.11ax-HE20 – Channel 132
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8437.5	37.4	10.2	47.6	74.0	-26.4	Peak	Horizontal
*	9814.5	36.4	12.5	48.9	68.2	-19.3	Peak	Horizontal
	11310.5	36.1	15.6	51.7	74.0	-22.3	Peak	Horizontal
*	12925.5	33.8	15.5	49.3	68.2	-18.9	Peak	Horizontal
	8488.5	38.4	10.6	49.0	74.0	-25.0	Peak	Vertical
*	9840.0	35.9	12.6	48.5	68.2	-19.7	Peak	Vertical
	11322.6	39.7	15.3	55.0	74.0	-19.0	Peak	Vertical
	11322.6	29.8	15.3	45.1	54.0	-8.9	Average	Vertical
*	13121.0	33.4	15.6	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	8199.5	36.6	9.2	45.8	74.0	-28.2	Peak	Horizontal
*	9942.0	34.0	13.3	47.3	68.2	-20.9	Peak	Horizontal
	11395.5	36.0	15.2	51.2	74.0	-22.8	Peak	Horizontal
*	12891.5	32.7	15.0	47.7	68.2	-20.5	Peak	Horizontal
	7536.5	34.4	10.1	44.5	74.0	-29.5	Peak	Vertical
*	8548.0	38.8	11.1	49.9	68.2	-18.3	Peak	Vertical
	11396.6	40.7	15.2	55.9	74.0	-18.1	Peak	Vertical
	11396.6	30.6	15.2	45.8	54.0	-8.2	Average	Vertical
*	13112.5	33.1	15.5	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	2023-08-29~2023-08-30	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
	11055.5	35.3	15.3	50.6	74.0	-23.4	Peak	Horizontal
*	12789.5	34.3	14.8	49.1	68.2	-19.1	Peak	Horizontal
	15820.4	36.8	16.4	53.2	74.0	-20.8	Peak	Horizontal
	15820.4	27.1	16.4	43.5	54.0	-10.5	Average	Horizontal
*	16614.5	33.2	18.0	51.2	68.2	-17.0	Peak	Horizontal
	11089.5	34.9	15.6	50.5	74.0	-23.5	Peak	Vertical
*	12908.5	33.8	15.1	48.9	68.2	-19.3	Peak	Vertical
	15812.9	37.9	16.2	54.1	74.0	-19.9	Peak	Vertical
	15812.9	28.6	16.2	44.8	54.0	-9.2	Average	Vertical
*	16572.0	32.7	16.8	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	2023-08-29~2023-08-30	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
	11038.5	35.3	15.1	50.4	74.0	-23.6	Peak	Horizontal
*	12951.0	32.6	15.6	48.2	68.2	-20.0	Peak	Horizontal
	15926.0	37.4	15.2	52.6	74.0	-21.4	Peak	Horizontal
*	16300.0	32.5	15.7	48.2	68.2	-20.0	Peak	Horizontal
	8497.0	39.0	10.6	49.6	74.0	-24.4	Peak	Vertical
*	10231.0	36.0	13.1	49.1	68.2	-19.1	Peak	Vertical
	15909.0	36.4	16.4	52.8	74.0	-21.2	Peak	Vertical
*	16495.5	32.4	16.2	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	8276.0	35.3	9.2	44.5	74.0	-29.5	Peak	Horizontal
*	9891.0	35.6	12.8	48.4	68.2	-19.8	Peak	Horizontal
	11030.0	35.9	15.2	51.1	74.0	-22.9	Peak	Horizontal
*	13019.0	33.3	15.4	48.7	68.2	-19.5	Peak	Horizontal
	8267.5	40.4	9.1	49.5	74.0	-24.5	Peak	Vertical
*	10392.5	35.4	14.1	49.5	68.2	-18.7	Peak	Vertical
	11021.5	37.8	15.0	52.8	74.0	-21.2	Peak	Vertical
*	12900.0	33.1	14.8	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	8216.5	36.4	9.1	45.5	74.0	-28.5	Peak	Horizontal
*	9831.5	35.7	12.6	48.3	68.2	-19.9	Peak	Horizontal
	11089.5	36.4	15.6	52.0	74.0	-22.0	Peak	Horizontal
*	12781.0	32.9	14.8	47.7	68.2	-20.5	Peak	Horizontal
	8327.0	40.0	9.3	49.3	74.0	-24.7	Peak	Vertical
*	9738.0	36.2	12.1	48.3	68.2	-19.9	Peak	Vertical
	11096.9	39.3	15.2	54.5	74.0	-19.5	Peak	Vertical
	11096.9	29.0	15.2	44.2	54.0	-9.8	Average	Vertical
*	12942.5	33.5	15.6	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	2023-08-29~2023-08-30	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
	8361.0	35.2	9.7	44.9	74.0	-29.1	Peak	Horizontal
*	9789.0	35.6	12.3	47.9	68.2	-20.3	Peak	Horizontal
	11344.5	36.2	15.4	51.6	74.0	-22.4	Peak	Horizontal
*	13019.0	33.2	15.4	48.6	68.2	-19.6	Peak	Horizontal
	7426.0	35.1	10.4	45.5	74.0	-28.5	Peak	Vertical
*	8505.5	37.4	10.6	48.0	68.2	-20.2	Peak	Vertical
	11336.0	39.6	15.2	54.8	74.0	-19.2	Peak	Vertical
	11336.0	30.3	15.2	45.5	54.0	-8.5	Average	Vertical
*	13155.0	34.2	15.6	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	2023-08-29~2023-08-30	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
	8327.0	37.0	9.3	46.3	74.0	-27.7	Peak	Horizontal
*	10477.5	36.7	14.2	50.9	68.2	-17.3	Peak	Horizontal
	15878.4	41.3	15.8	57.1	74.0	-16.9	Peak	Horizontal
	15878.4	31.9	15.8	47.7	54.0	-6.3	Average	Horizontal
*	16580.5	33.2	17.1	50.3	68.2	-17.9	Peak	Horizontal
	10936.5	35.7	14.9	50.6	74.0	-23.4	Peak	Vertical
*	12721.5	33.9	14.7	48.6	68.2	-19.6	Peak	Vertical
	15892.0	36.2	16.7	52.9	74.0	-21.1	Peak	Vertical
*	16504.0	32.0	16.0	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	2023-08-29~2023-08-30	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
	8386.5	34.8	9.8	44.6	74.0	-29.4	Peak	Horizontal
*	9891.0	36.2	12.8	49.0	68.2	-19.2	Peak	Horizontal
	11081.0	35.1	16.1	51.2	74.0	-22.8	Peak	Horizontal
*	12857.5	34.4	15.2	49.6	68.2	-18.6	Peak	Horizontal
	8293.0	40.6	9.3	49.9	74.0	-24.1	Peak	Vertical
*	9627.5	35.5	11.4	46.9	68.2	-21.3	Peak	Vertical
	11038.5	37.4	15.1	52.5	74.0	-21.5	Peak	Vertical
*	13019.0	33.1	15.4	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Test Site	NS-AC1	Test Engineer	Flag Yang
Test Date	2023-08-29~2023-08-30	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
	7426.0	35.1	10.4	45.5	74.0	-28.5	Peak	Horizontal
*	9891.0	36.1	12.8	48.9	68.2	-19.3	Peak	Horizontal
	11217.0	34.5	16.0	50.5	74.0	-23.5	Peak	Horizontal
*	13078.5	32.7	15.5	48.2	68.2	-20.0	Peak	Horizontal
	8412.0	40.0	9.9	49.9	74.0	-24.1	Peak	Vertical
*	9687.0	35.2	11.8	47.0	68.2	-21.2	Peak	Vertical
	11217.0	37.3	16.0	53.3	74.0	-20.7	Peak	Vertical
*	13146.5	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	2023-08-29~2023-08-30	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
	8403.5	37.0	9.8	46.8	74.0	-27.2	Peak	Horizontal
*	9789.0	35.7	12.3	48.0	68.2	-20.2	Peak	Horizontal
	11064.0	35.1	15.8	50.9	74.0	-23.1	Peak	Horizontal
*	12925.5	33.6	15.5	49.1	68.2	-19.1	Peak	Horizontal
	8352.5	40.2	9.7	49.9	74.0	-24.1	Peak	Vertical
*	9814.5	35.6	12.5	48.1	68.2	-20.1	Peak	Vertical
	11149.0	35.8	15.4	51.2	74.0	-22.8	Peak	Vertical
*	13036.0	34.4	15.7	50.1	68.2	-18.1	Peak	Vertical

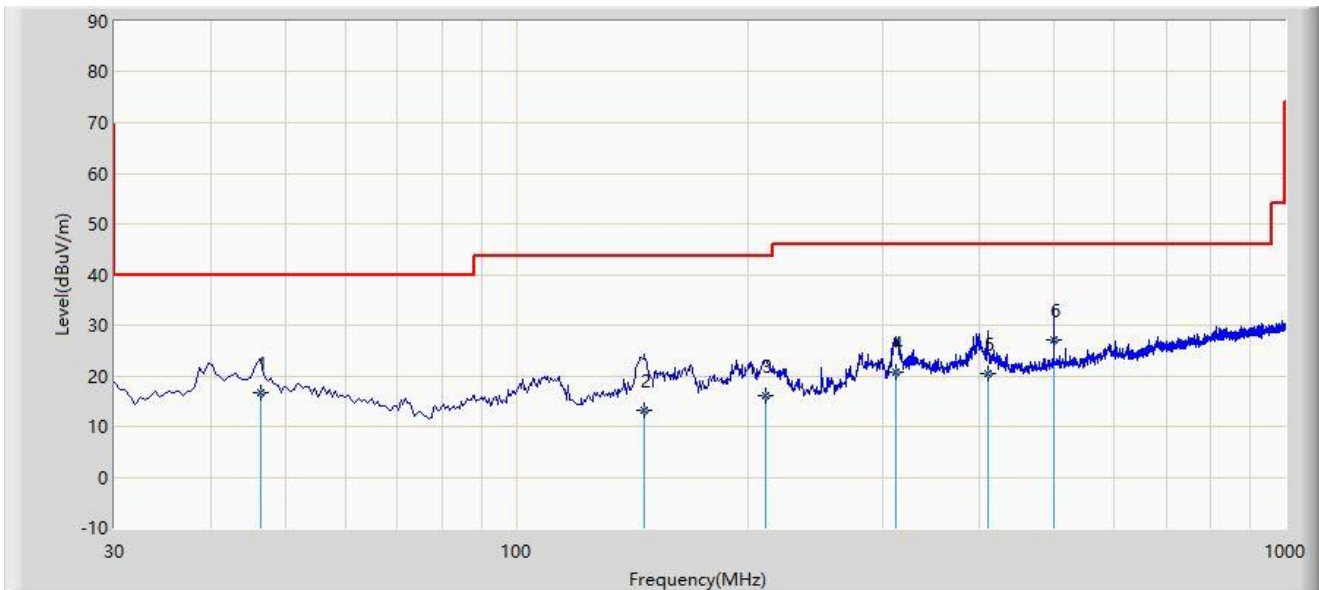
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Result of Radiated Emission below 1GHz:

Site: NS-AC1	Test Date: 2023-08-28
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		46.490	16.702	-1.700	-23.298	40.000	18.402	QP
2		146.885	13.212	0.700	-30.288	43.500	12.512	QP
3		210.905	16.044	0.300	-27.456	43.500	15.744	QP
4		311.300	20.796	2.100	-25.204	46.000	18.696	QP
5		410.240	20.408	-0.800	-25.592	46.000	21.208	QP
6	*	499.965	27.173	4.300	-18.827	46.000	22.873	QP

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

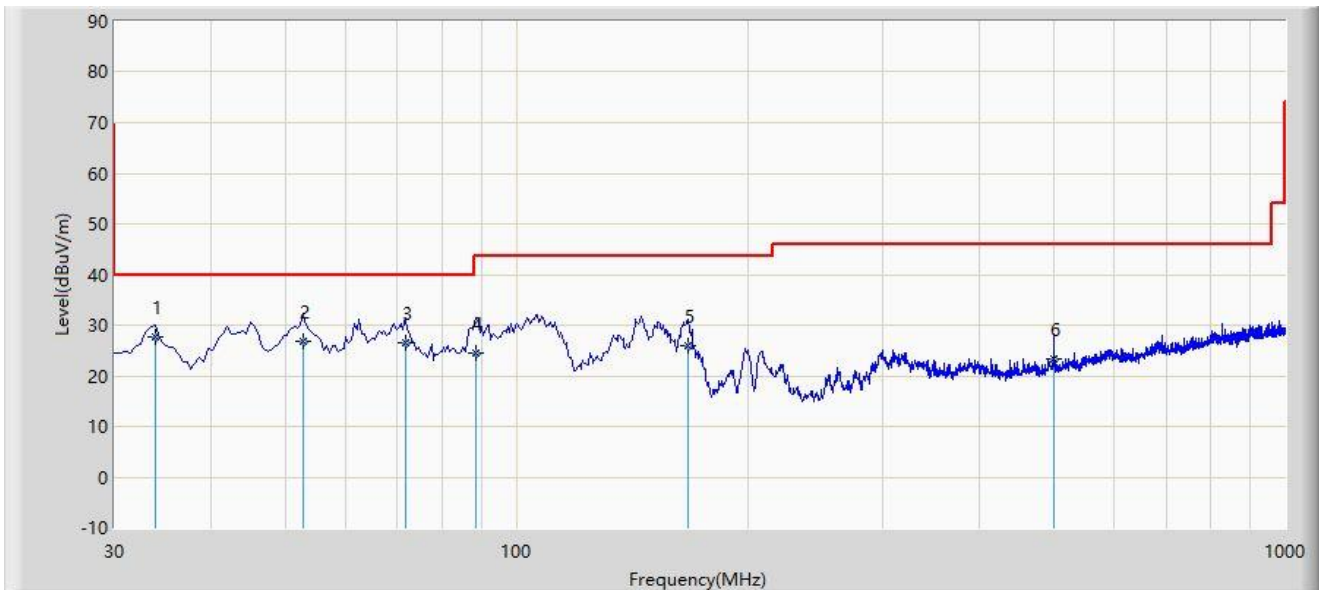
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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 25GHz) 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: 2023-08-28
Limit: FCC_Part15.209_RSE(3m)	Engineer: Flag Yang
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	33.880	27.584	12.200	-12.416	40.000	15.384	QP
2		52.795	26.851	8.400	-13.149	40.000	18.451	QP
3		71.710	26.436	13.000	-13.564	40.000	13.436	QP
4		88.685	24.581	11.000	-18.919	43.500	13.581	QP
5		167.255	26.009	12.400	-17.491	43.500	13.609	QP
6		499.965	23.373	0.500	-22.627	46.000	22.873	QP

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

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

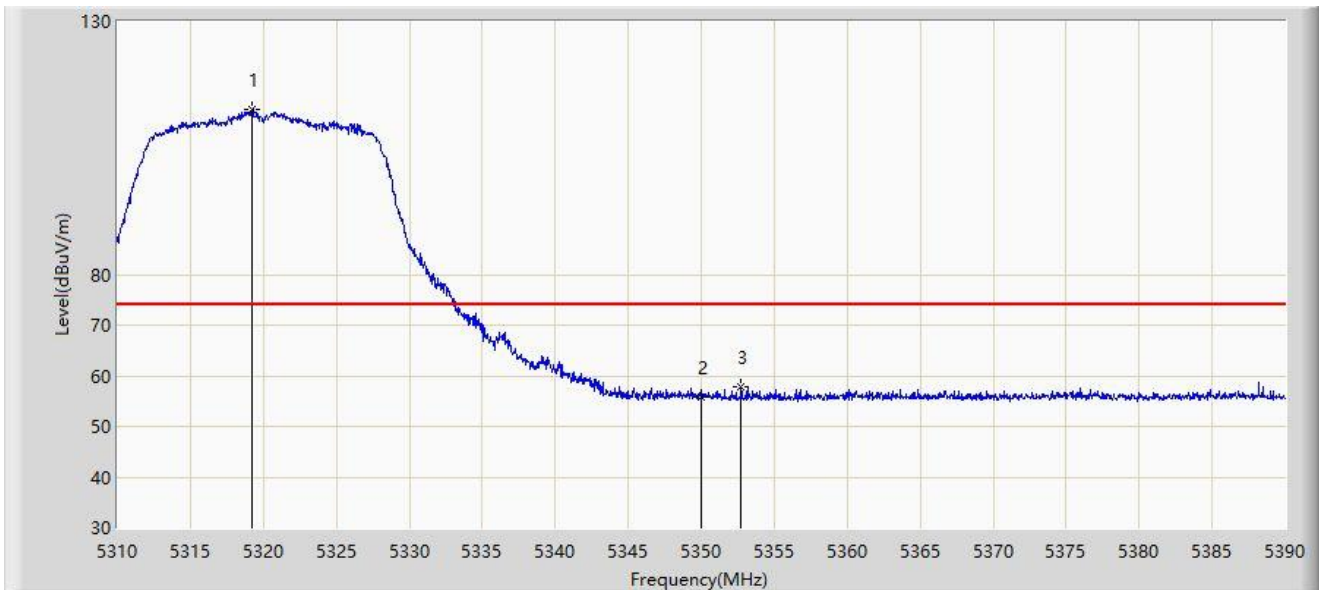
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) 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.6 Radiated Restricted Band Edge Test Result

Site: NS-AC1	Test Date: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



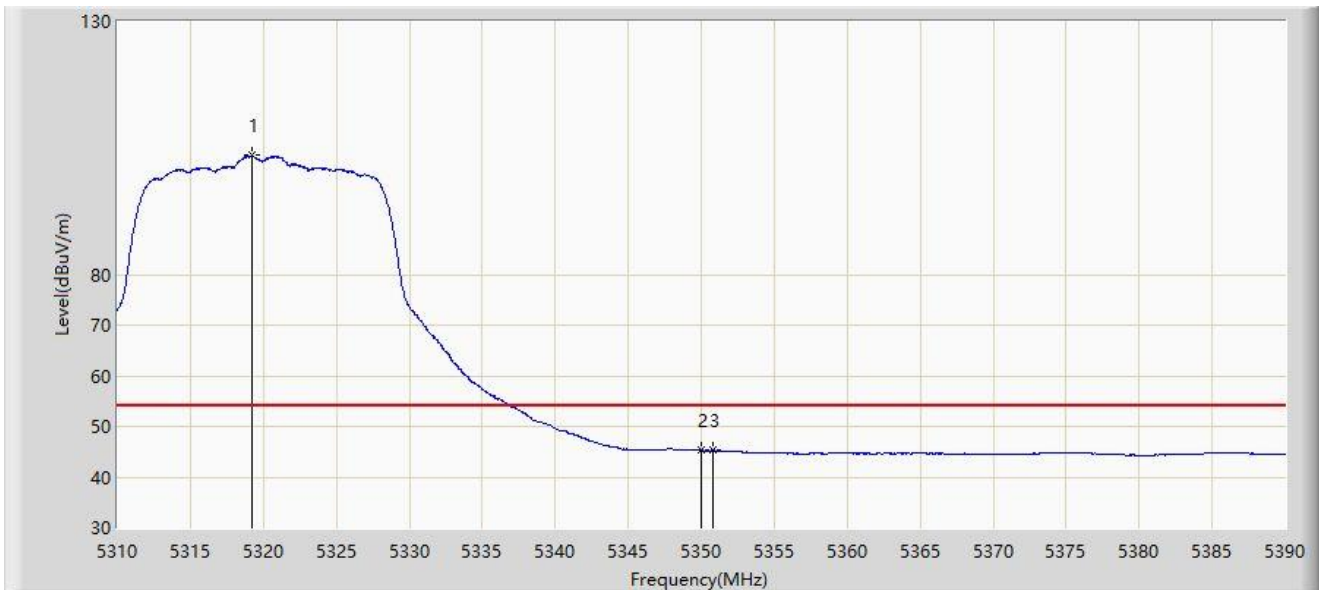
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.200	112.580	111.028	N/A	N/A	1.552	PK
2		5350.000	55.881	54.371	-18.119	74.000	1.510	PK
3	*	5352.720	57.900	56.384	-16.100	74.000	1.516	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



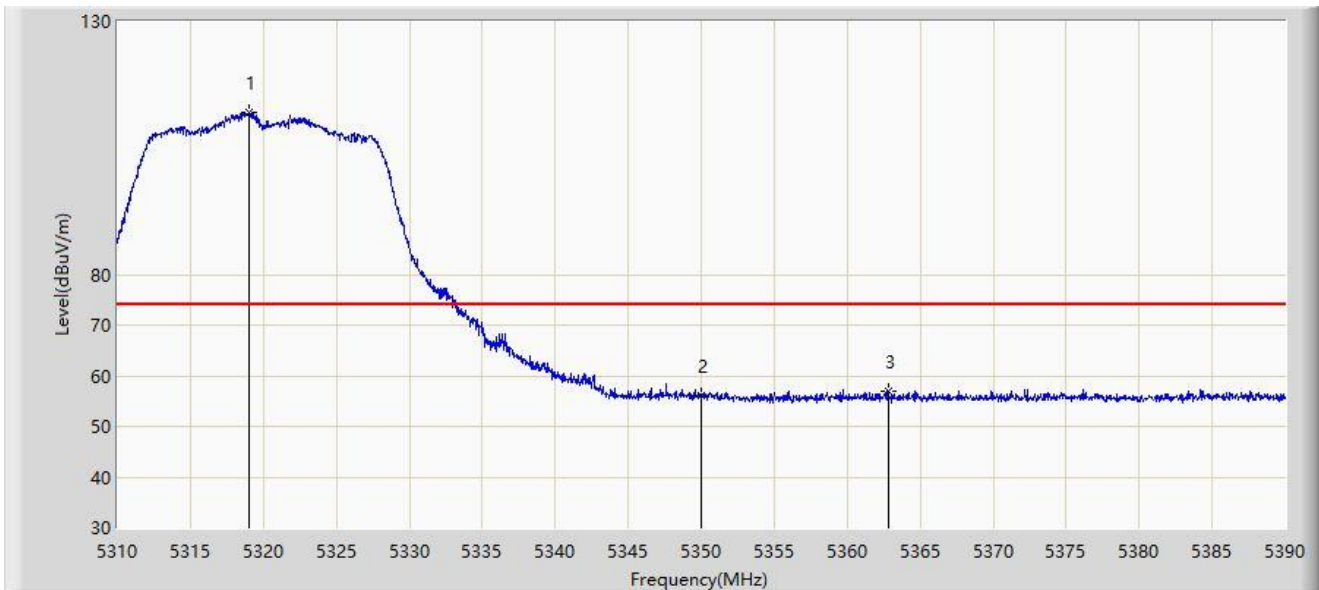
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.200	103.511	101.959	N/A	N/A	1.552	AV
2	*	5350.000	45.281	43.771	-8.719	54.000	1.510	AV
3		5350.760	45.262	43.753	-8.738	54.000	1.509	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



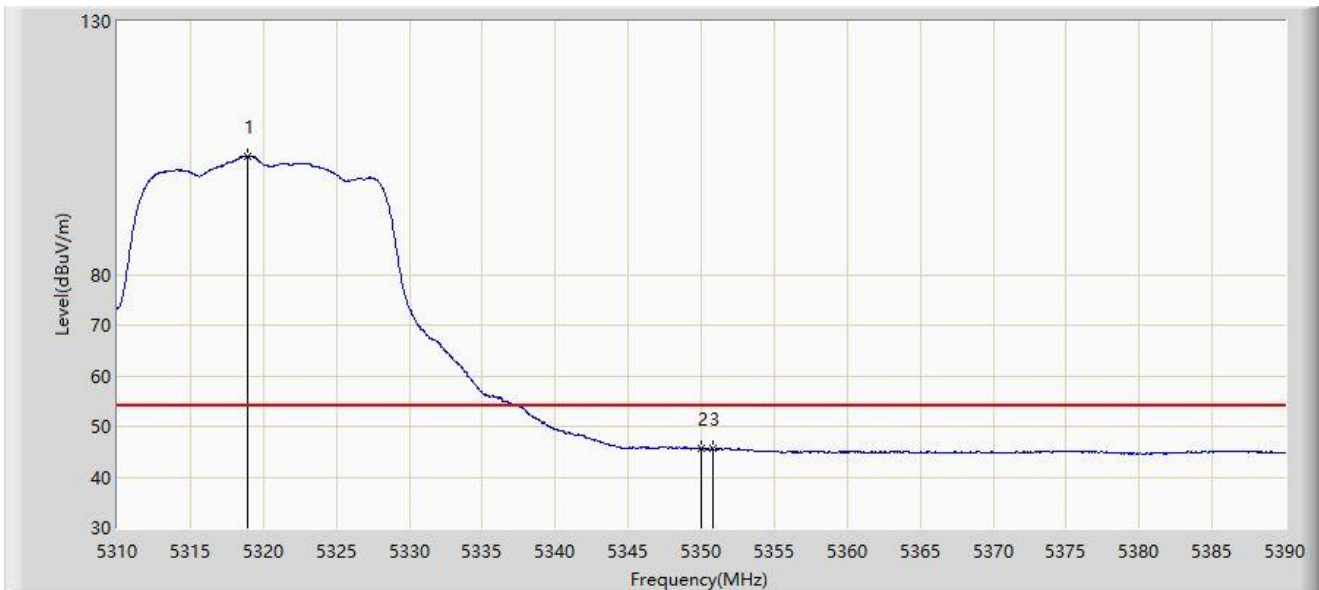
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.040	112.126	110.574	N/A	N/A	1.553	PK
2		5350.000	56.013	54.503	-17.987	74.000	1.510	PK
3	*	5362.840	56.927	55.269	-17.073	74.000	1.658	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



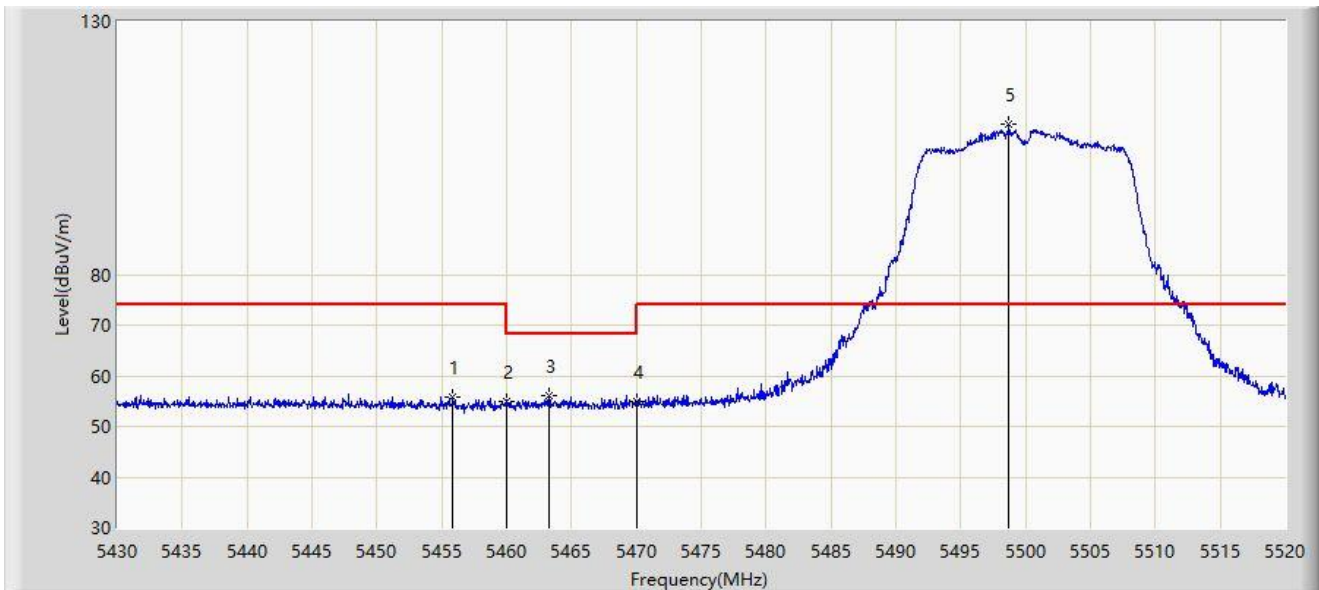
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5318.960	103.421	101.869	N/A	N/A	1.552	AV
2		5350.000	45.655	44.145	-8.345	54.000	1.510	AV
3	*	5350.760	45.705	44.196	-8.295	54.000	1.509	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



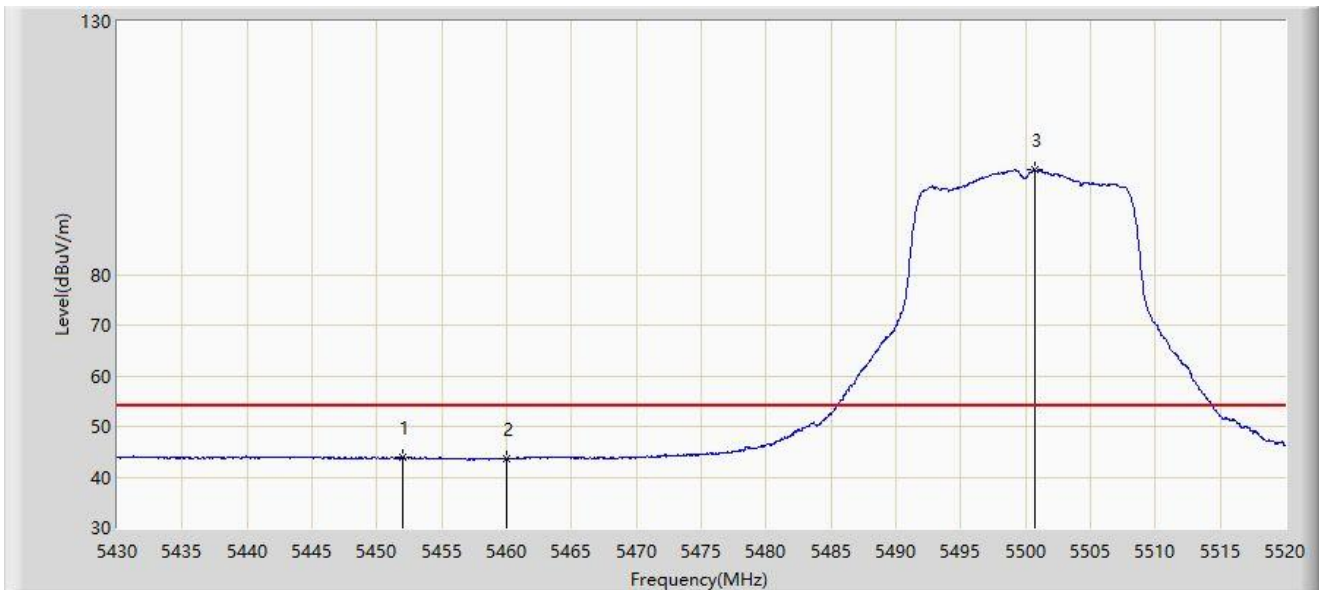
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5455.875	55.831	53.767	-18.169	74.000	2.063	PK
2		5460.000	54.860	52.753	-19.140	74.000	2.108	PK
3	*	5463.300	56.096	53.954	-12.104	68.200	2.142	PK
4		5470.000	55.053	52.841	-13.147	68.200	2.212	PK
5		5498.715	109.581	107.099	N/A	N/A	2.481	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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



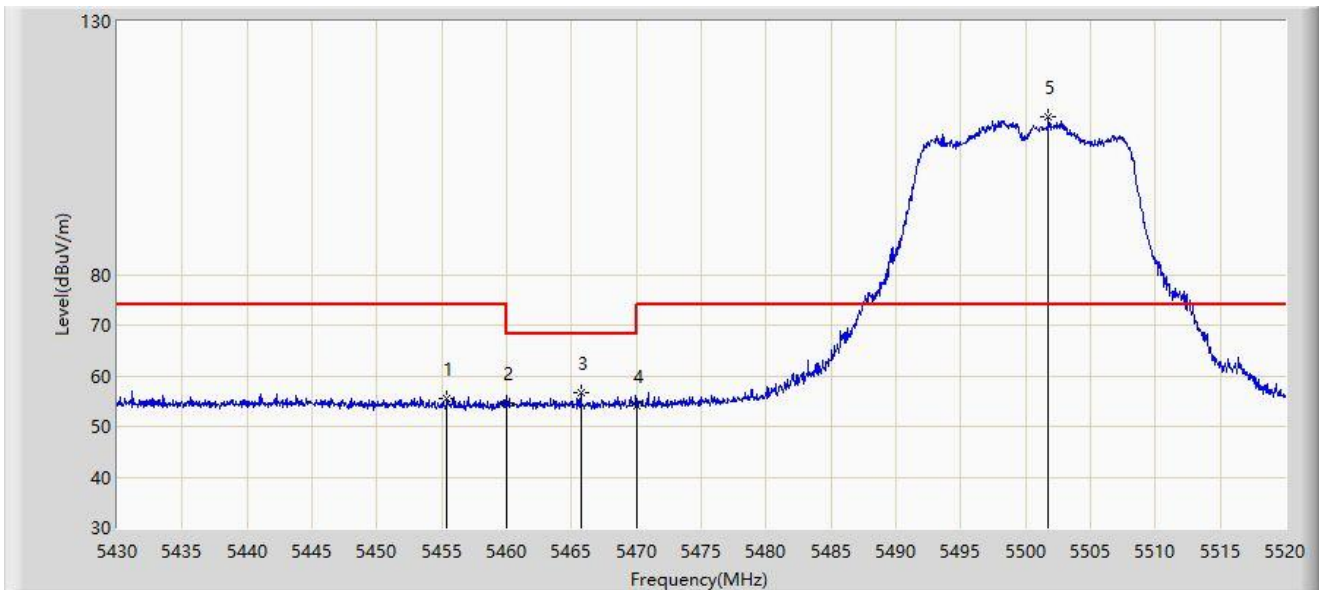
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5452.005	43.977	41.902	-10.023	54.000	2.075	AV
2		5460.000	43.697	41.590	-10.303	54.000	2.108	AV
3		5500.695	100.657	98.197	N/A	N/A	2.459	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



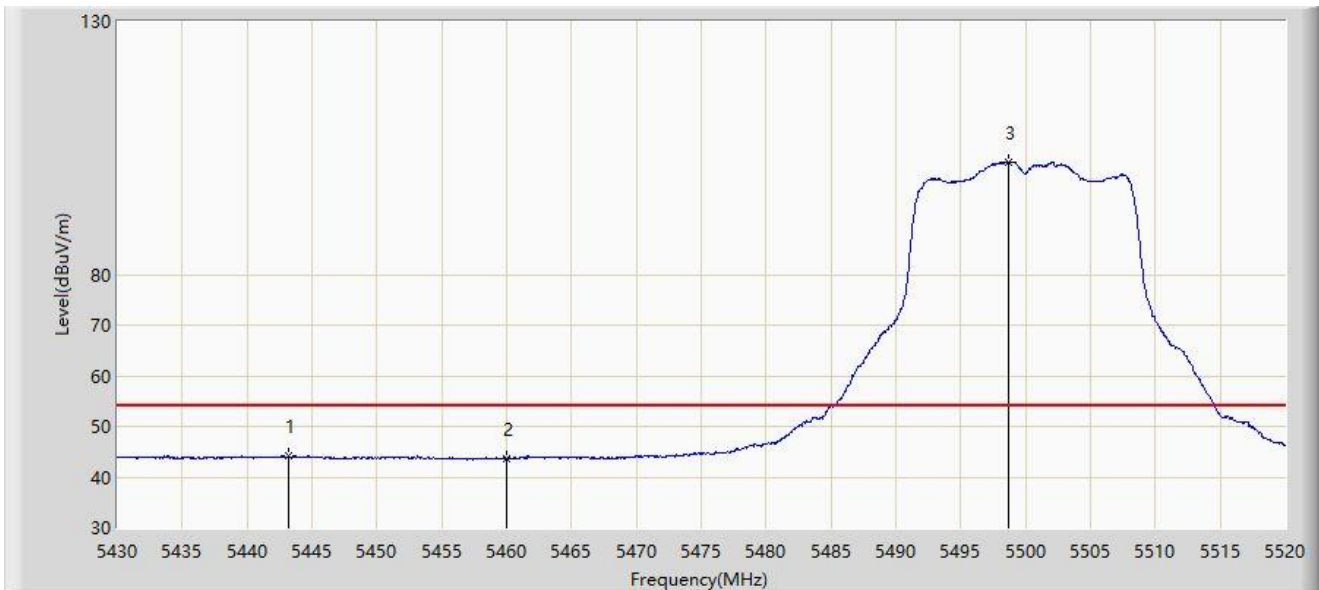
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5455.425	55.635	53.576	-18.365	74.000	2.060	PK
2		5460.000	54.751	52.644	-19.249	74.000	2.108	PK
3	*	5465.730	56.522	54.354	-11.678	68.200	2.168	PK
4		5470.000	54.202	51.990	-13.998	68.200	2.212	PK
5		5501.775	111.055	108.607	N/A	N/A	2.448	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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



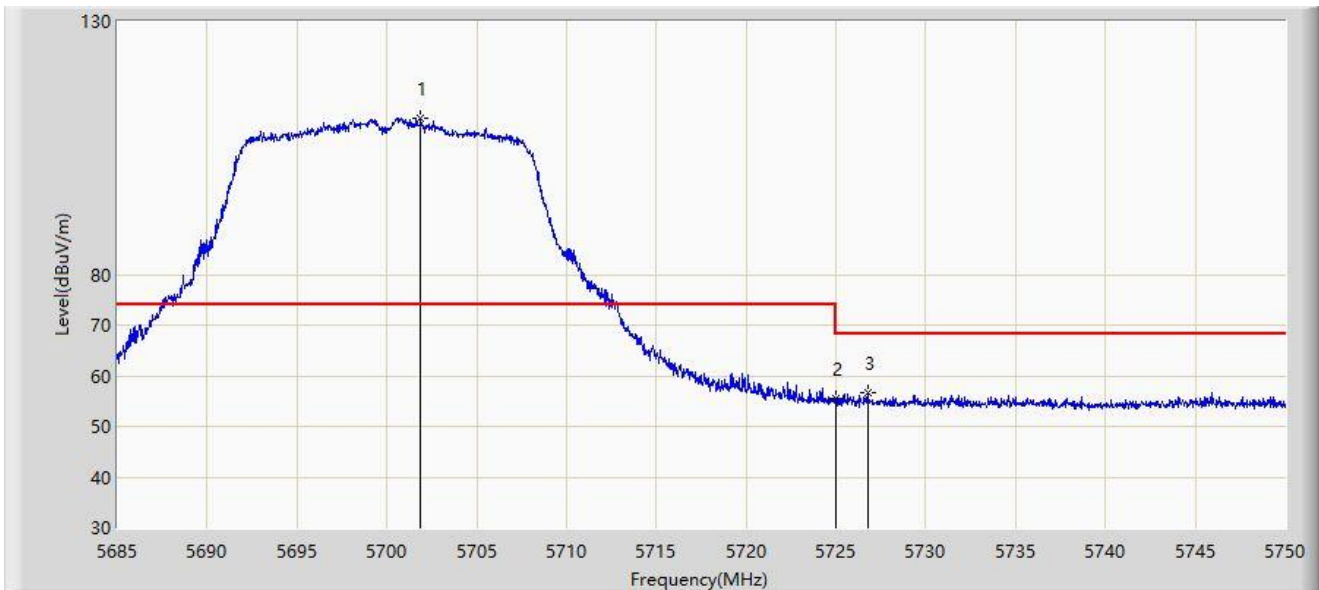
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5443.140	44.148	41.937	-9.852	54.000	2.210	AV
2		5460.000	43.688	41.581	-10.312	54.000	2.108	AV
3		5498.715	102.246	99.764	N/A	N/A	2.481	AV

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



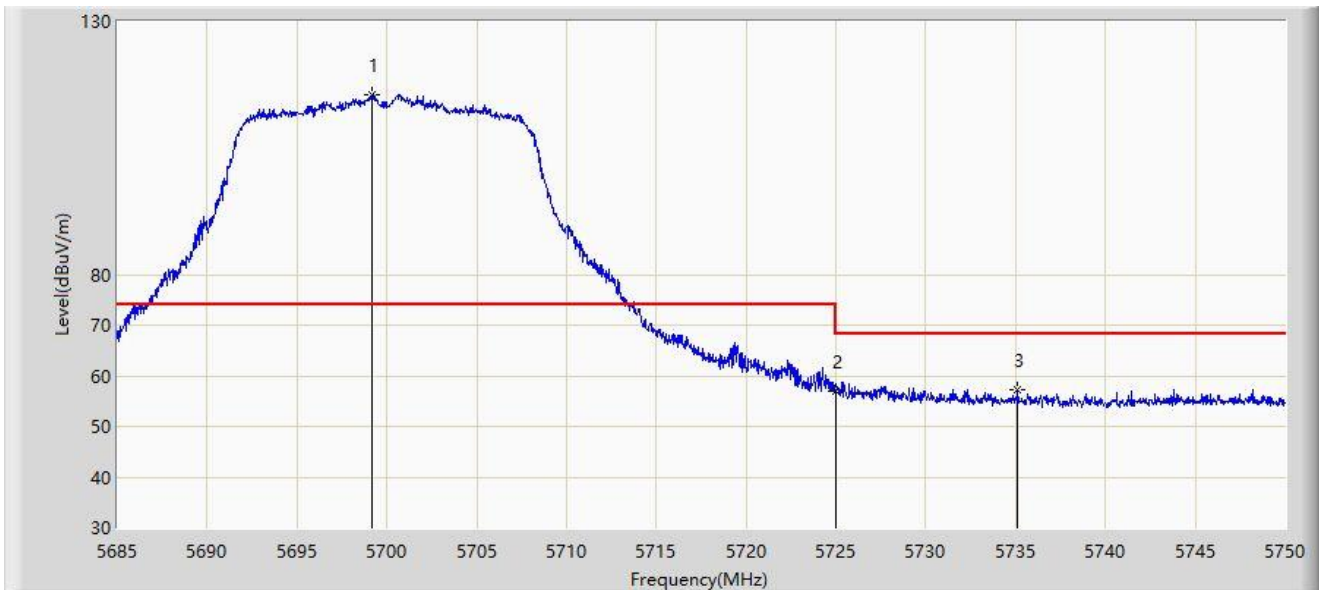
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5701.868	110.967	108.127	N/A	N/A	2.840	PK
2		5725.000	55.476	52.632	-12.724	68.200	2.844	PK
3	*	5726.763	56.780	53.921	-11.420	68.200	2.860	PK

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



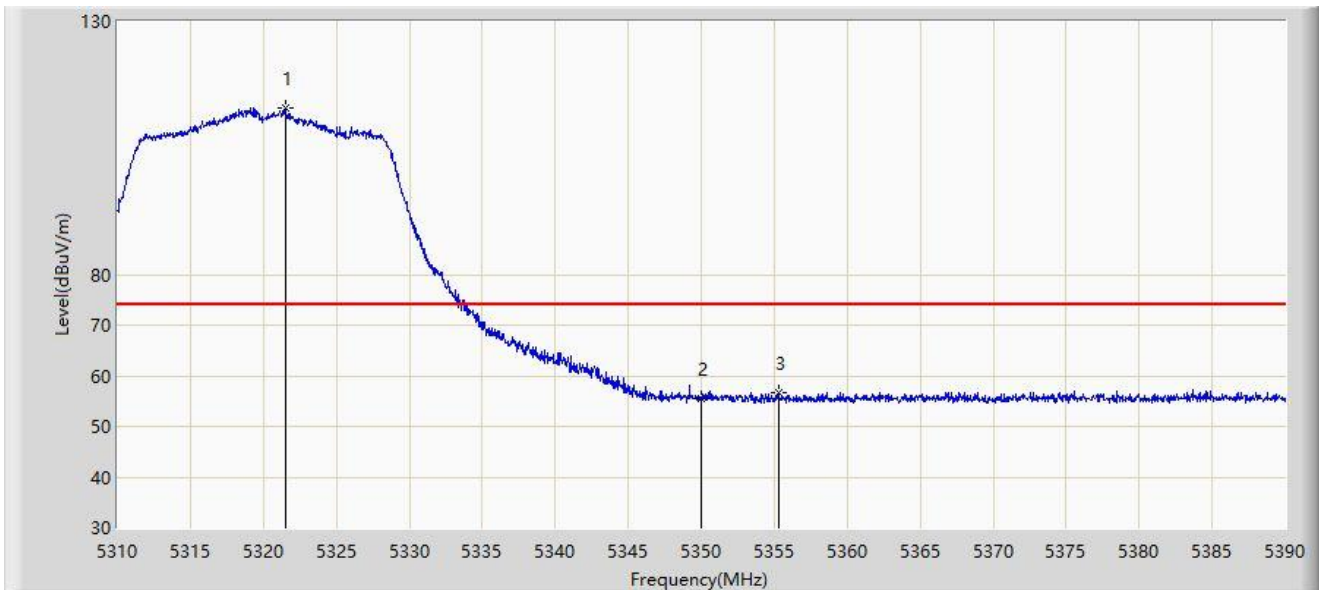
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5699.170	115.385	112.506	N/A	N/A	2.880	PK
2		5725.000	57.046	54.202	-11.154	68.200	2.844	PK
3	*	5735.115	57.278	54.332	-10.922	68.200	2.946	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



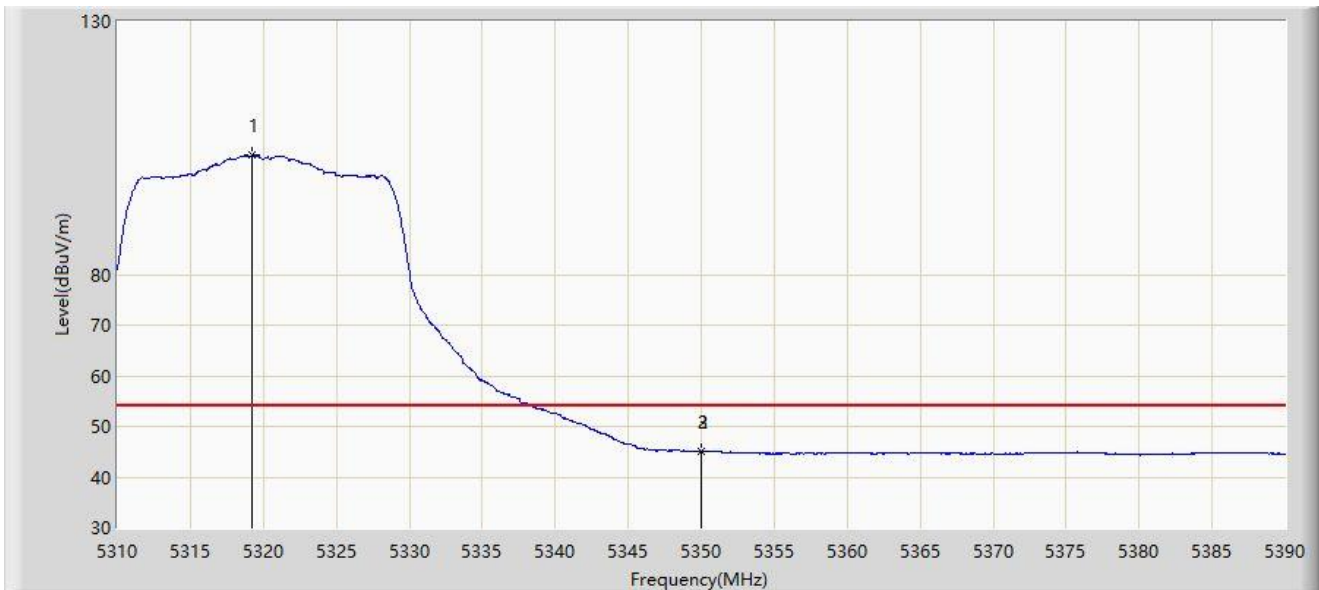
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5321.520	113.037	111.486	N/A	N/A	1.550	PK
2		5350.000	55.477	53.967	-18.523	74.000	1.510	PK
3	*	5355.280	56.574	55.022	-17.426	74.000	1.552	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



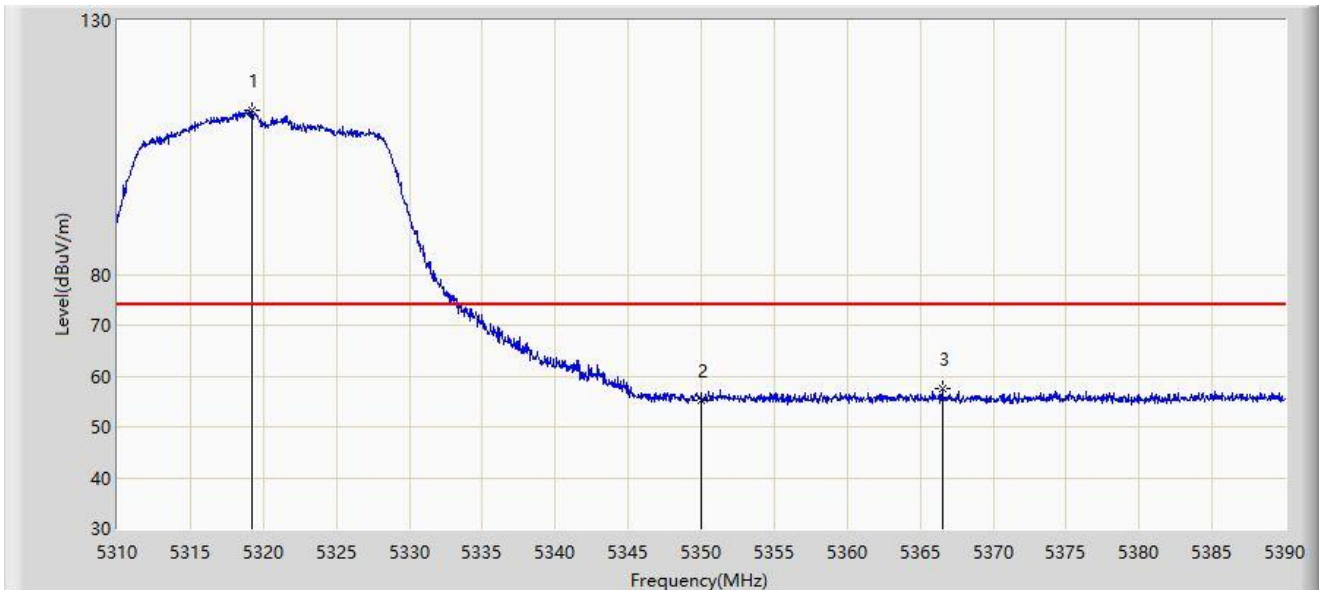
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.240	103.537	101.985	N/A	N/A	1.552	AV
2		5350.000	45.167	43.657	-8.833	54.000	1.510	AV
3	*	5350.040	45.210	43.700	-8.790	54.000	1.509	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



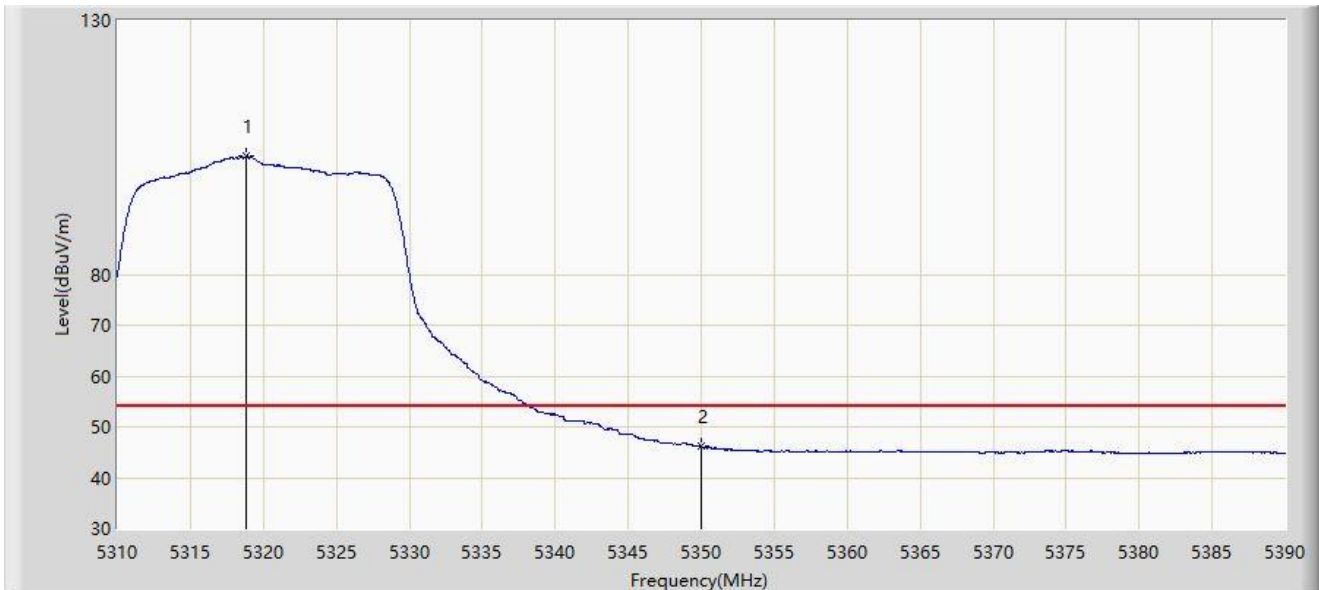
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.200	112.443	110.891	N/A	N/A	1.552	PK
2		5350.000	55.164	53.654	-18.836	74.000	1.510	PK
3	*	5366.520	57.437	55.728	-16.563	74.000	1.709	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



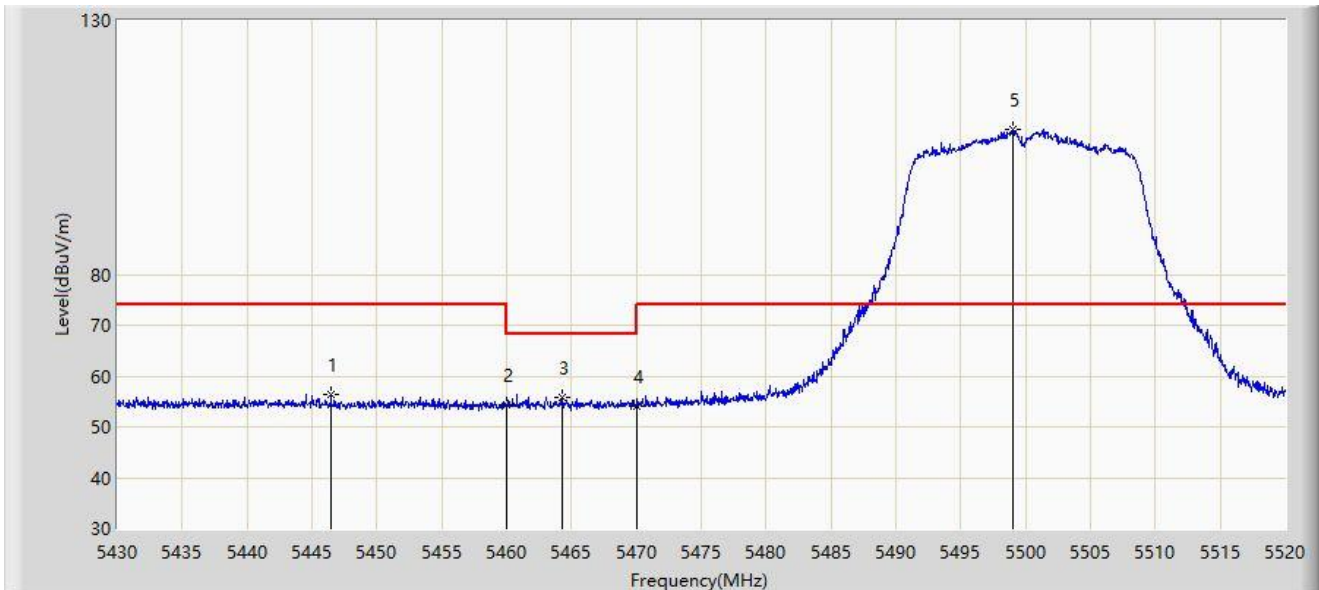
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5318.840	103.211	101.658	N/A	N/A	1.552	AV
2	*	5350.000	46.093	44.583	-7.907	54.000	1.510	AV

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



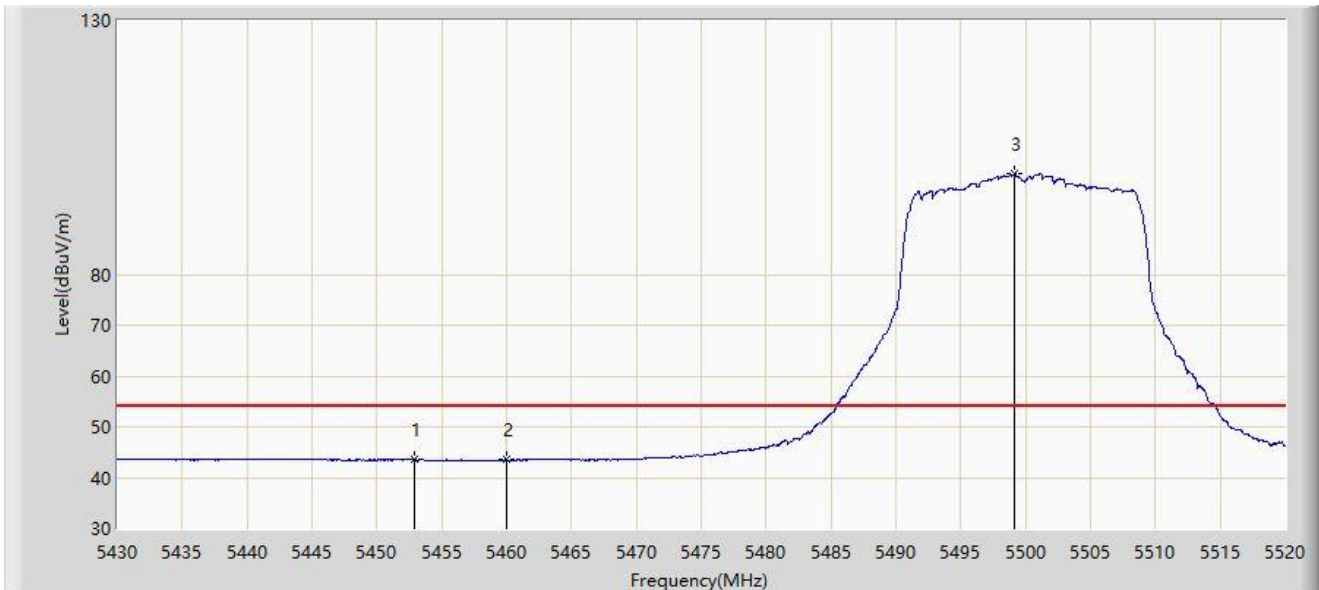
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5446.470	56.251	54.091	-17.749	74.000	2.159	PK
2		5460.000	54.294	52.187	-19.706	74.000	2.108	PK
3	*	5464.335	55.939	53.786	-12.261	68.200	2.153	PK
4		5470.000	54.200	51.988	-14.000	68.200	2.212	PK
5		5499.030	108.536	106.058	N/A	N/A	2.478	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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



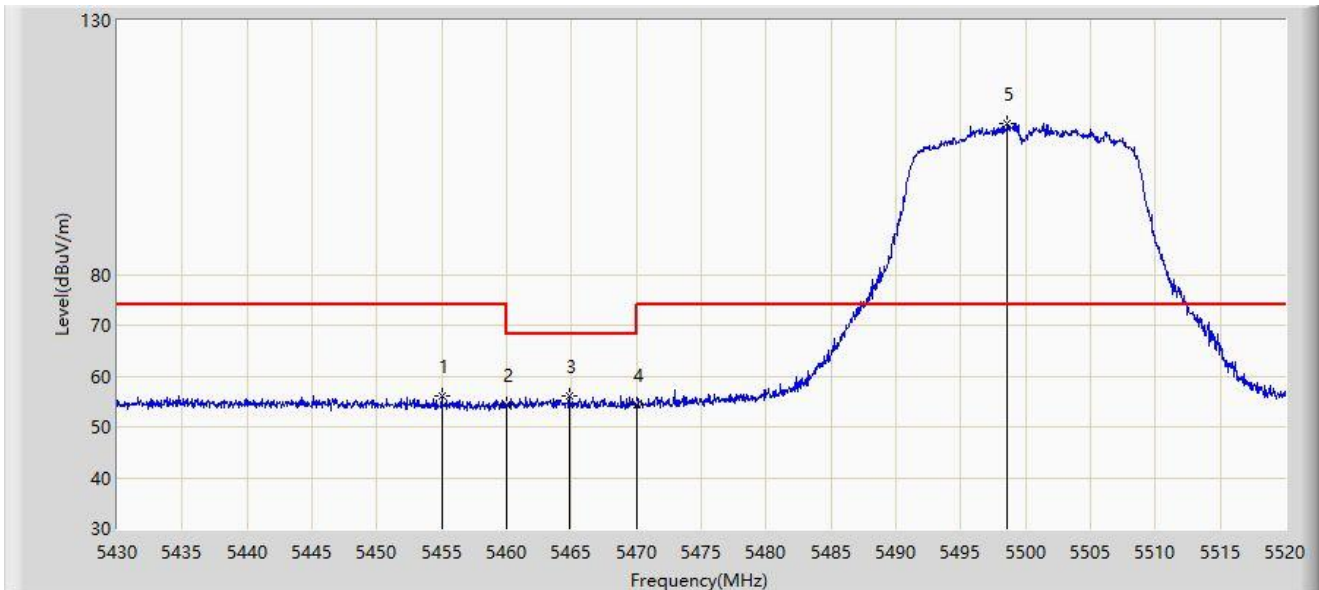
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5452.950	43.519	41.459	-10.481	54.000	2.060	AV
2		5460.000	43.485	41.378	-10.515	54.000	2.108	AV
3		5499.120	99.740	97.263	N/A	N/A	2.477	AV

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



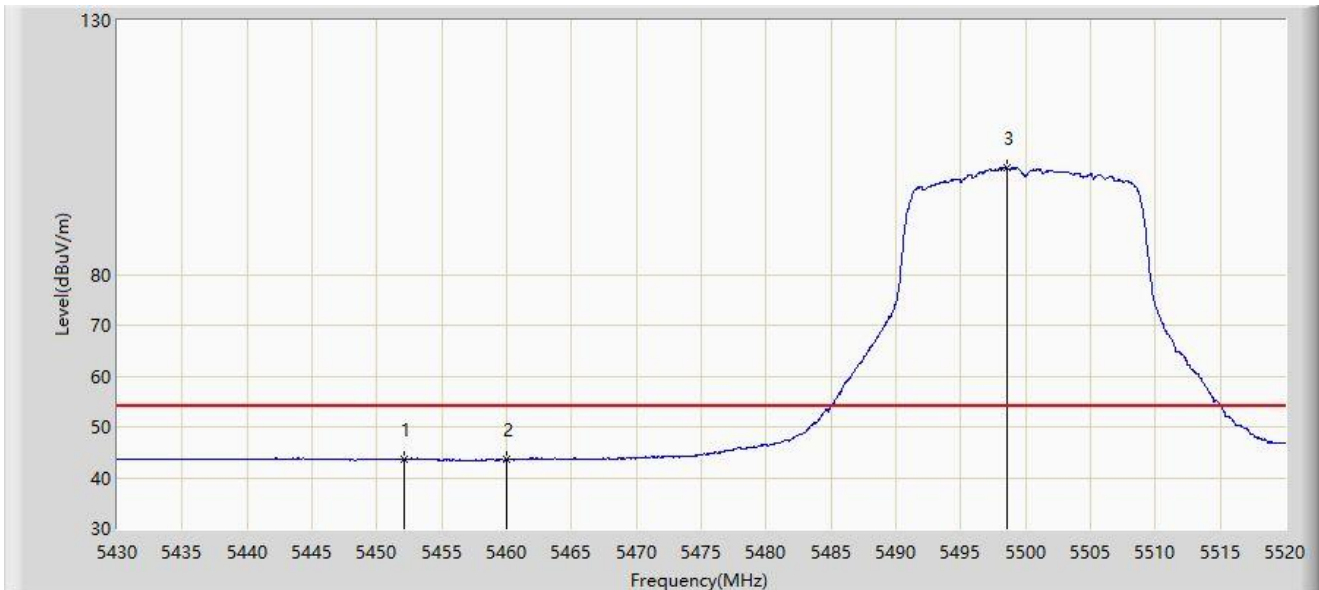
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5455.020	56.141	54.086	-17.859	74.000	2.055	PK
2		5460.000	54.252	52.145	-19.748	74.000	2.108	PK
3	*	5464.830	55.952	53.794	-12.248	68.200	2.158	PK
4		5470.000	54.432	52.220	-13.768	68.200	2.212	PK
5		5498.625	109.801	107.318	N/A	N/A	2.482	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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



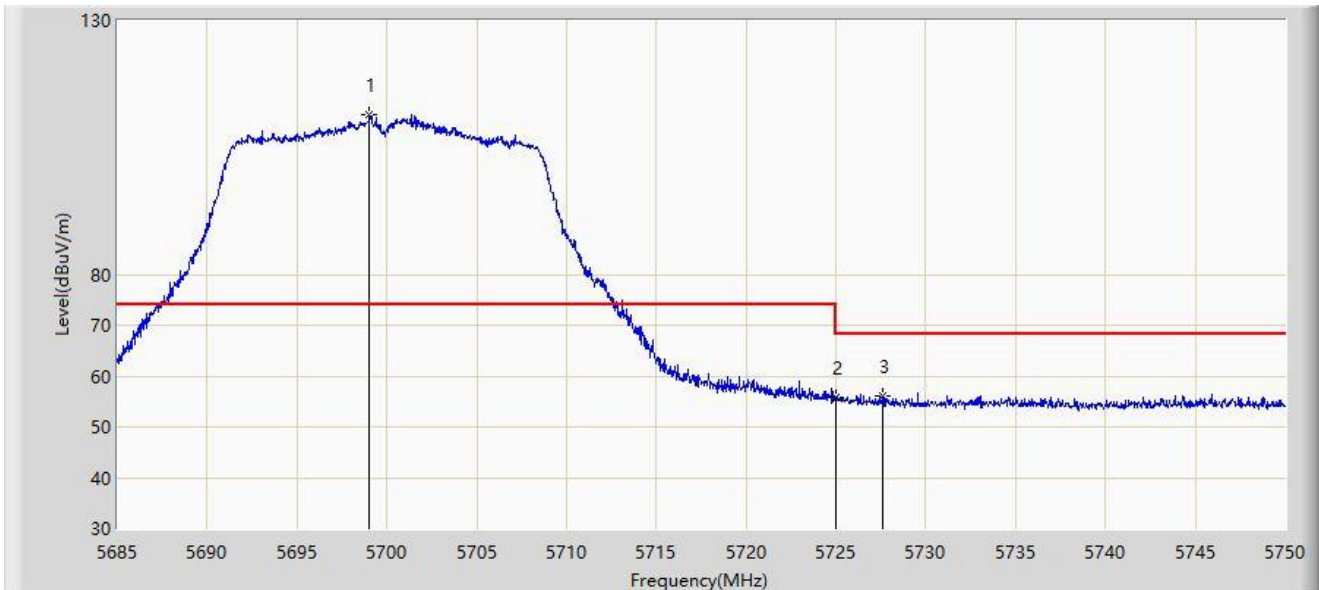
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5452.050	43.654	41.580	-10.346	54.000	2.074	AV
2		5460.000	43.570	41.463	-10.430	54.000	2.108	AV
3		5498.535	101.017	98.534	N/A	N/A	2.483	AV

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



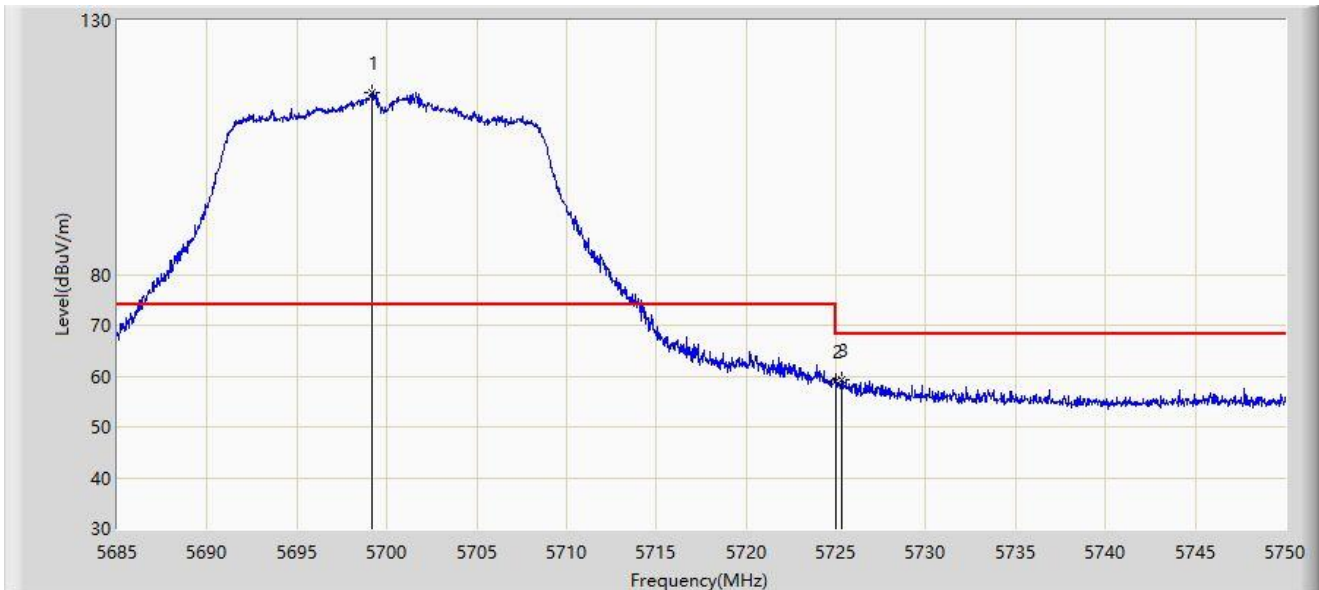
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5699.040	111.423	108.542	N/A	N/A	2.882	PK
2		5725.000	55.768	52.924	-12.432	68.200	2.844	PK
3	*	5727.607	55.954	53.086	-12.246	68.200	2.867	PK

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



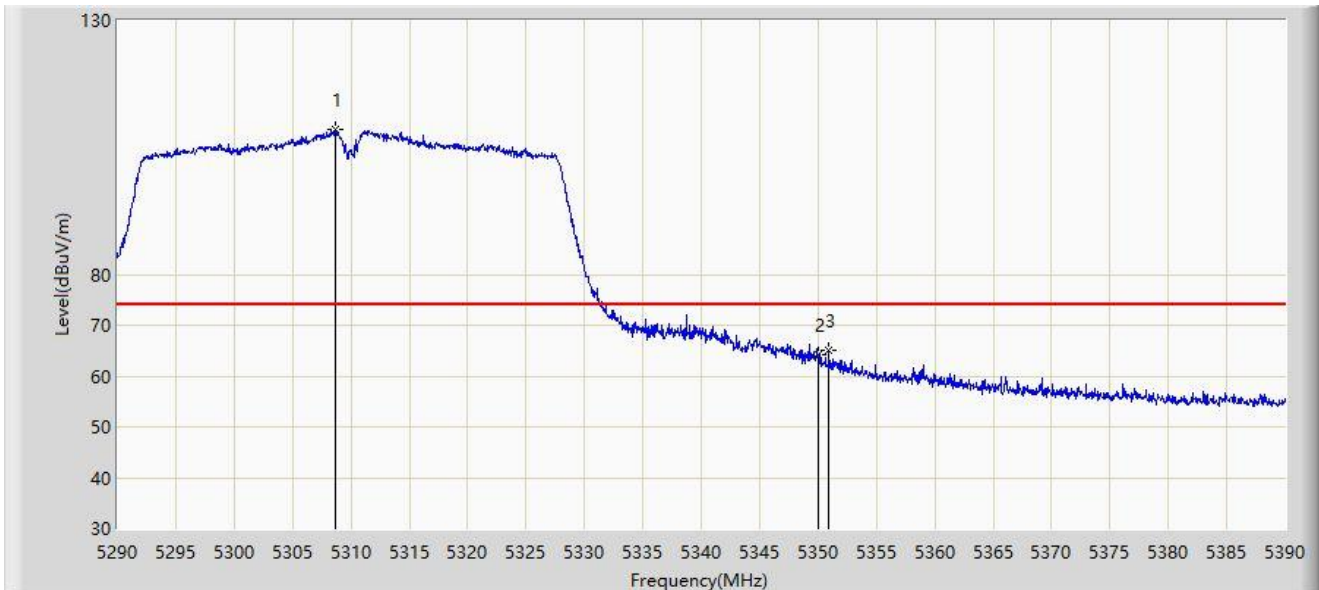
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5699.203	115.917	113.038	N/A	N/A	2.879	PK
2		5725.000	58.902	56.058	-9.298	68.200	2.844	PK
3	*	5725.333	59.395	56.549	-8.805	68.200	2.847	PK

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



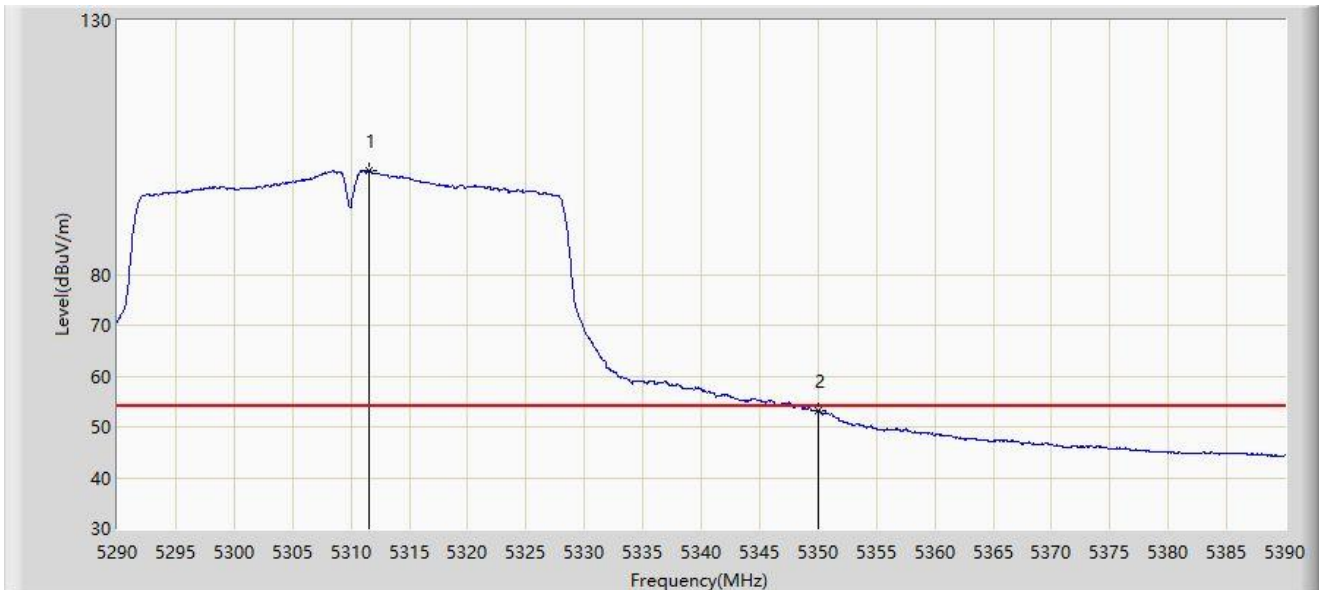
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5308.700	108.617	106.947	N/A	N/A	1.670	PK
2		5350.000	64.341	62.831	-9.659	74.000	1.510	PK
3	*	5350.950	65.065	63.557	-8.935	74.000	1.509	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



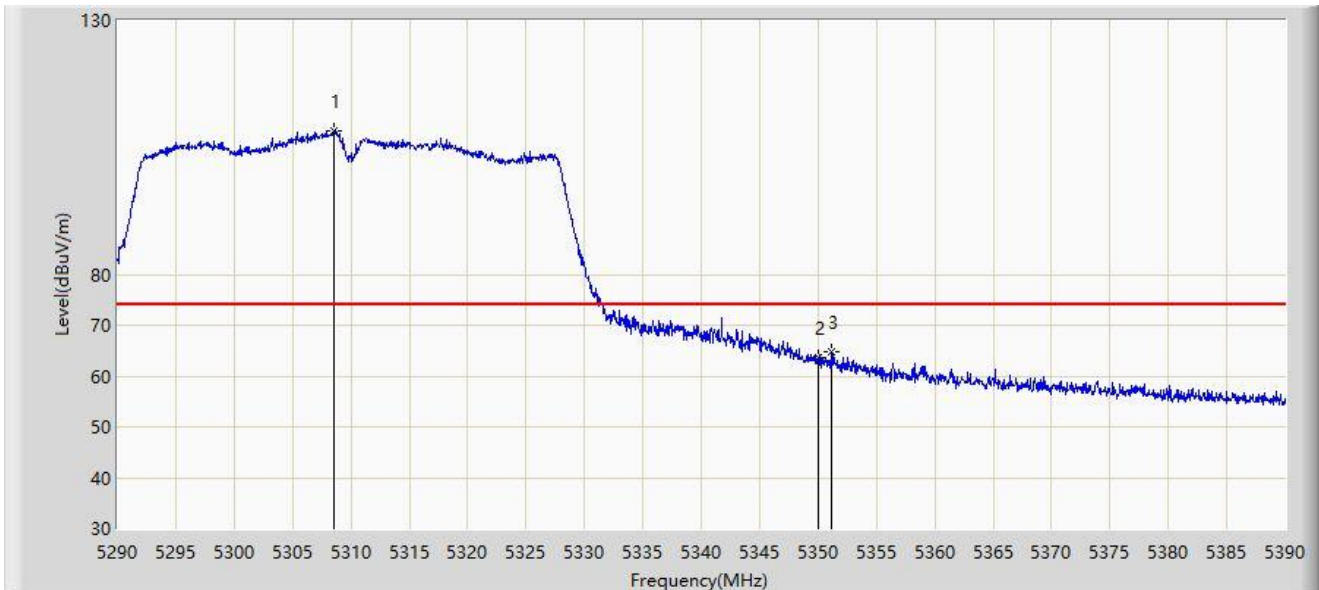
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5311.600	100.449	98.816	N/A	N/A	1.633	AV
2	*	5350.000	53.239	51.729	-0.761	54.000	1.510	AV

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



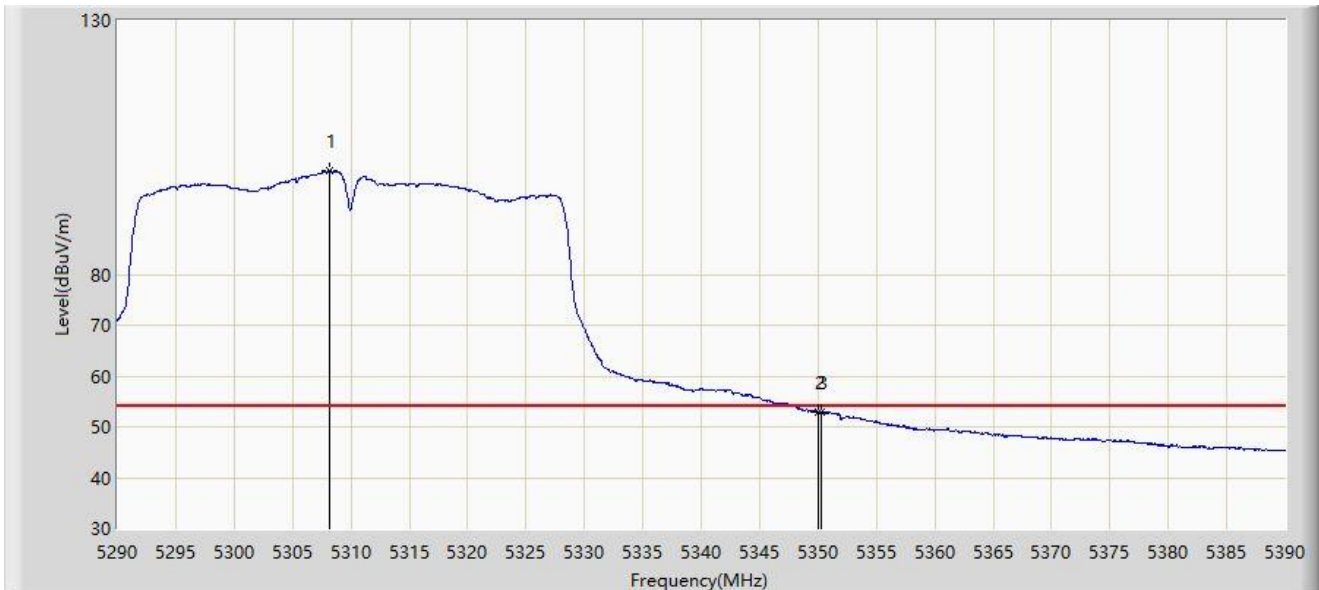
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5308.550	108.169	106.498	N/A	N/A	1.671	PK
2		5350.000	63.546	62.036	-10.454	74.000	1.510	PK
3	*	5351.100	64.765	63.257	-9.235	74.000	1.508	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



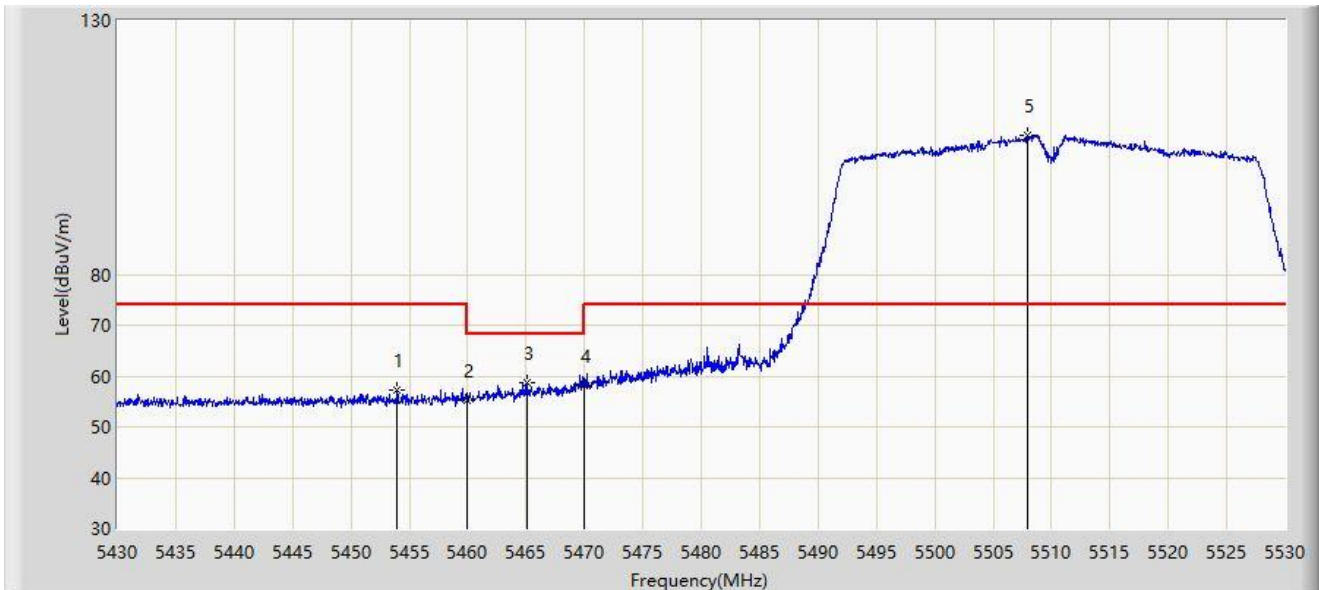
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5308.150	100.333	98.657	N/A	N/A	1.676	AV
2		5350.000	53.026	51.516	-0.974	54.000	1.510	AV
3	*	5350.300	53.036	51.526	-0.964	54.000	1.510	AV

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



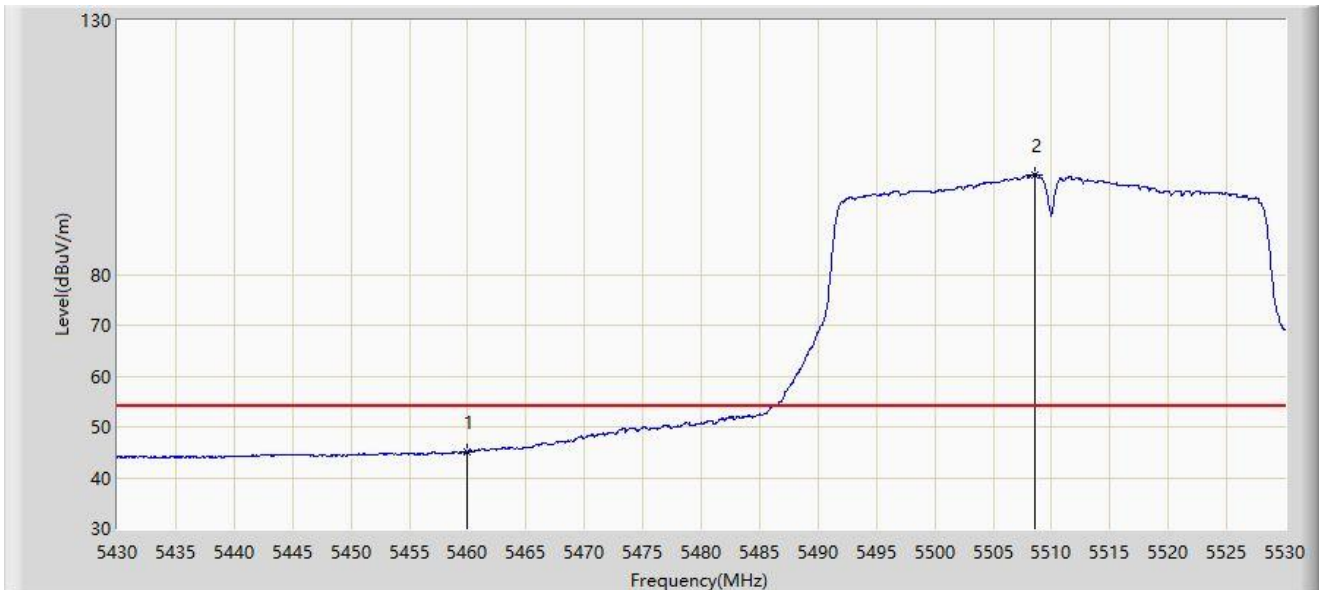
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5453.950	57.268	55.223	-16.732	74.000	2.045	PK
2		5460.000	55.200	53.093	-18.800	74.000	2.108	PK
3	*	5465.150	58.721	56.560	-9.479	68.200	2.161	PK
4		5470.000	58.217	56.005	-9.983	68.200	2.212	PK
5		5508.000	107.364	105.050	N/A	N/A	2.314	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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



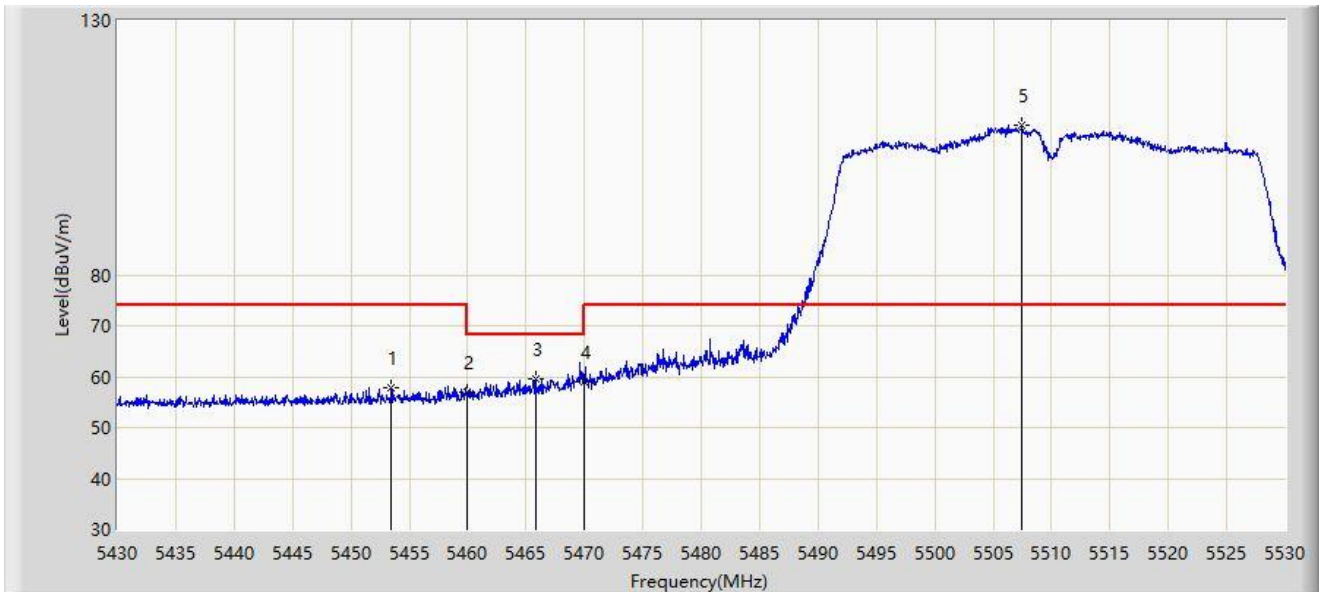
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	45.190	43.083	-8.810	54.000	2.108	AV
2		5508.550	99.688	97.392	N/A	N/A	2.297	AV

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



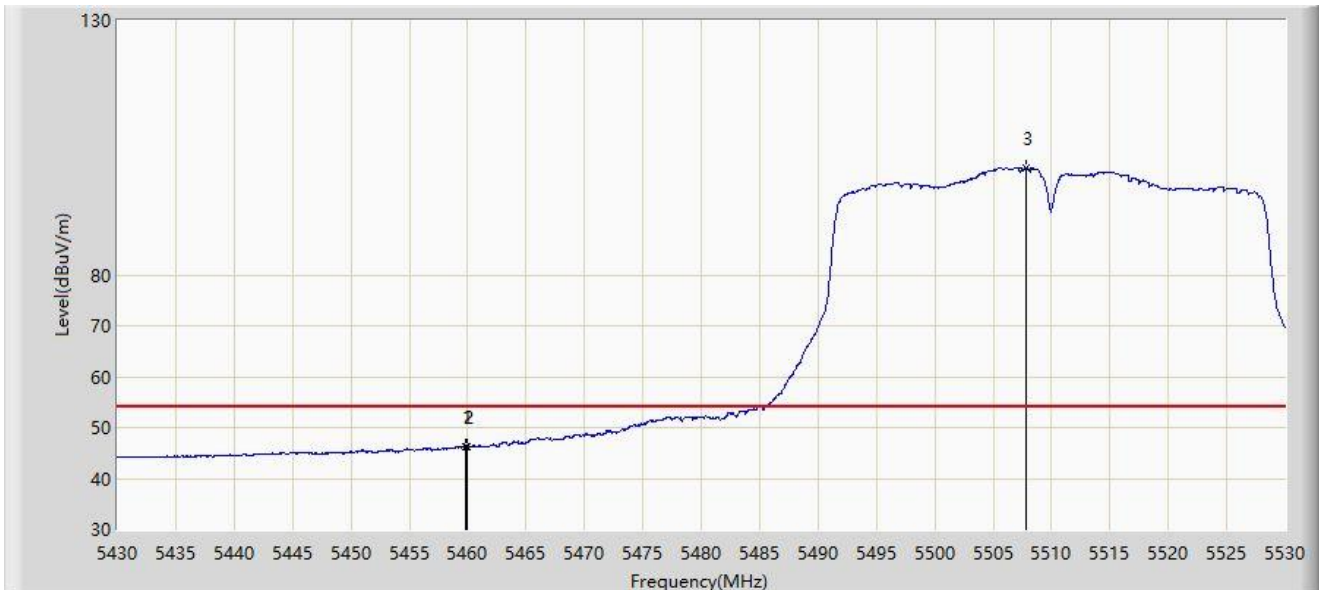
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5453.450	57.925	55.873	-16.075	74.000	2.053	PK
2		5460.000	57.062	54.955	-16.938	74.000	2.108	PK
3	*	5465.800	59.669	57.501	-8.531	68.200	2.169	PK
4		5470.000	59.036	56.824	-9.164	68.200	2.212	PK
5		5507.500	109.453	107.123	N/A	N/A	2.330	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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



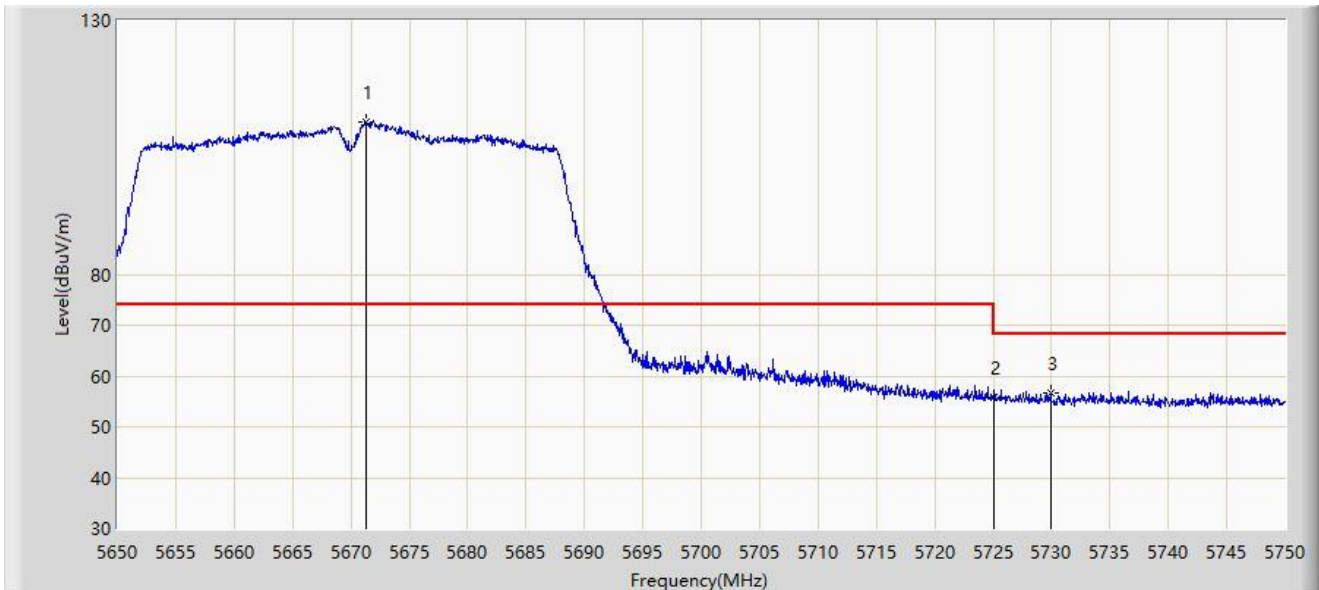
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.850	46.361	44.255	-7.639	54.000	2.106	AV
2		5460.000	46.261	44.154	-7.739	54.000	2.108	AV
3		5507.850	101.095	98.776	N/A	N/A	2.320	AV

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



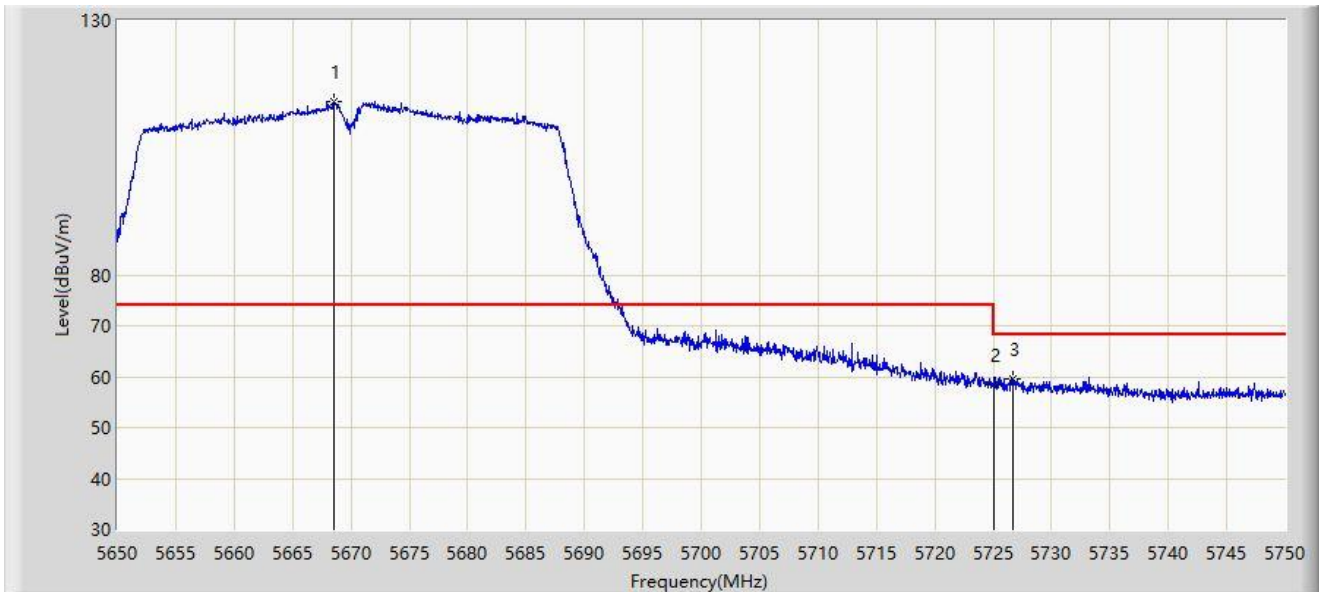
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5671.250	110.014	107.469	N/A	N/A	2.545	PK
2		5725.000	55.898	53.054	-12.302	68.200	2.844	PK
3	*	5729.950	56.577	53.685	-11.623	68.200	2.892	PK

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: 2023-08-25
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



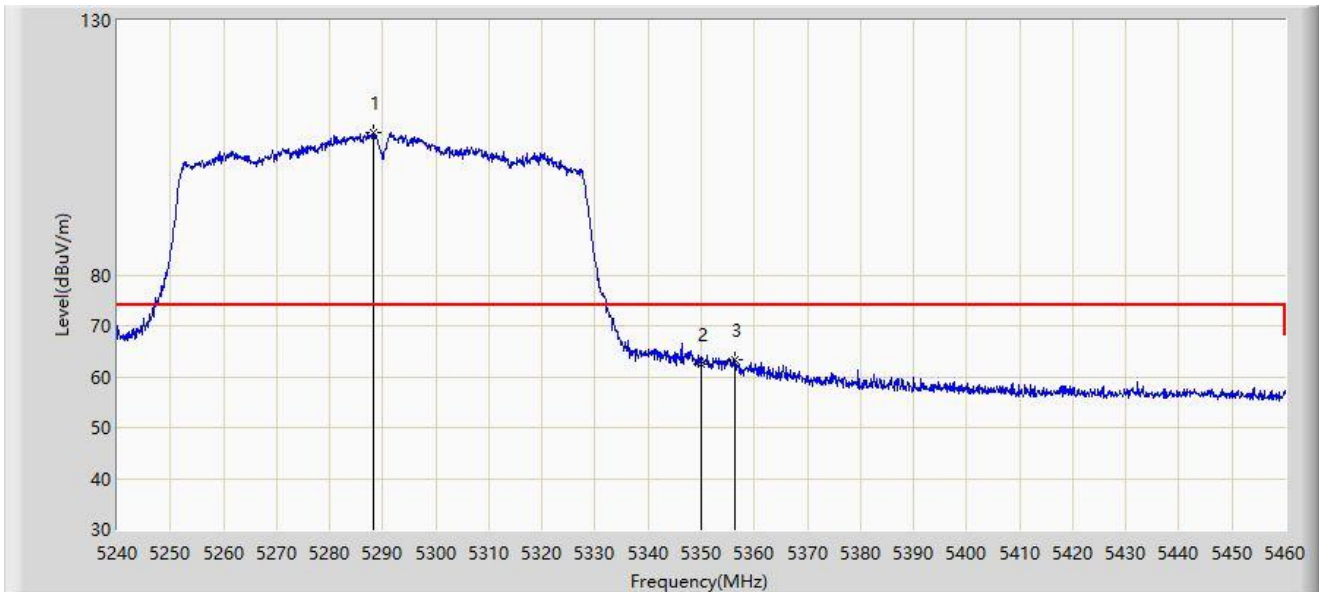
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5668.550	114.099	111.548	N/A	N/A	2.551	PK
2		5725.000	58.536	55.692	-9.664	68.200	2.844	PK
3	*	5726.700	59.706	56.848	-8.494	68.200	2.858	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



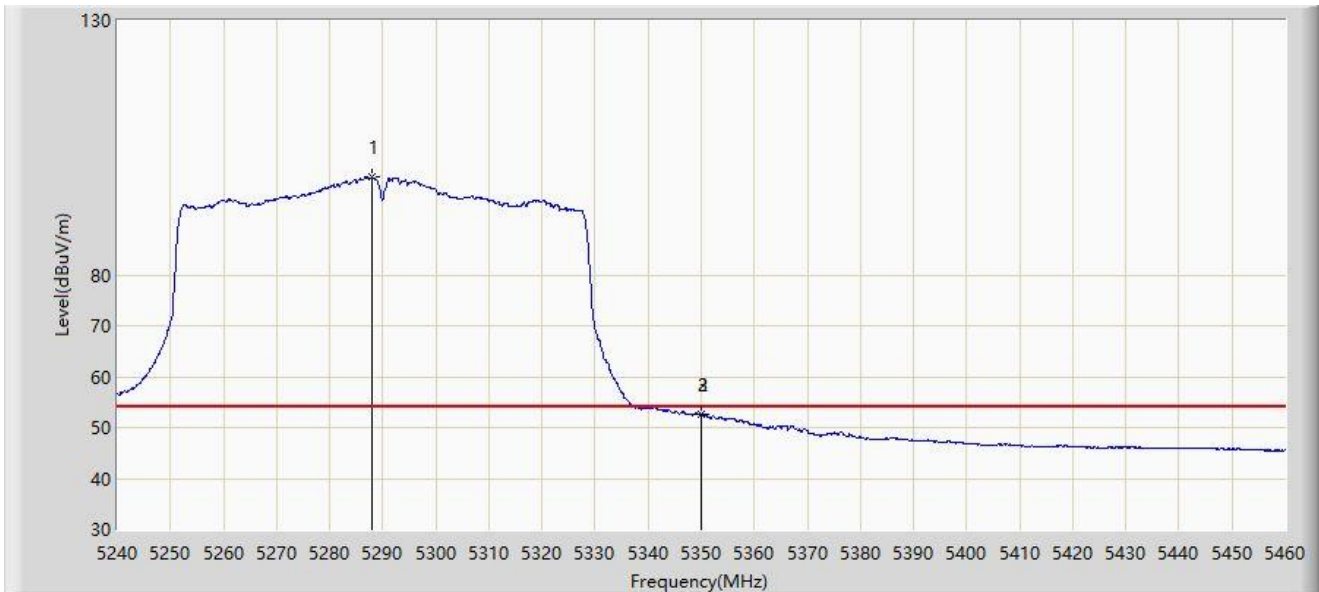
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5288.290	107.837	105.993	N/A	N/A	1.844	PK
2		5350.000	62.337	60.827	-11.663	74.000	1.510	PK
3	*	5356.270	63.390	61.824	-10.610	74.000	1.566	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



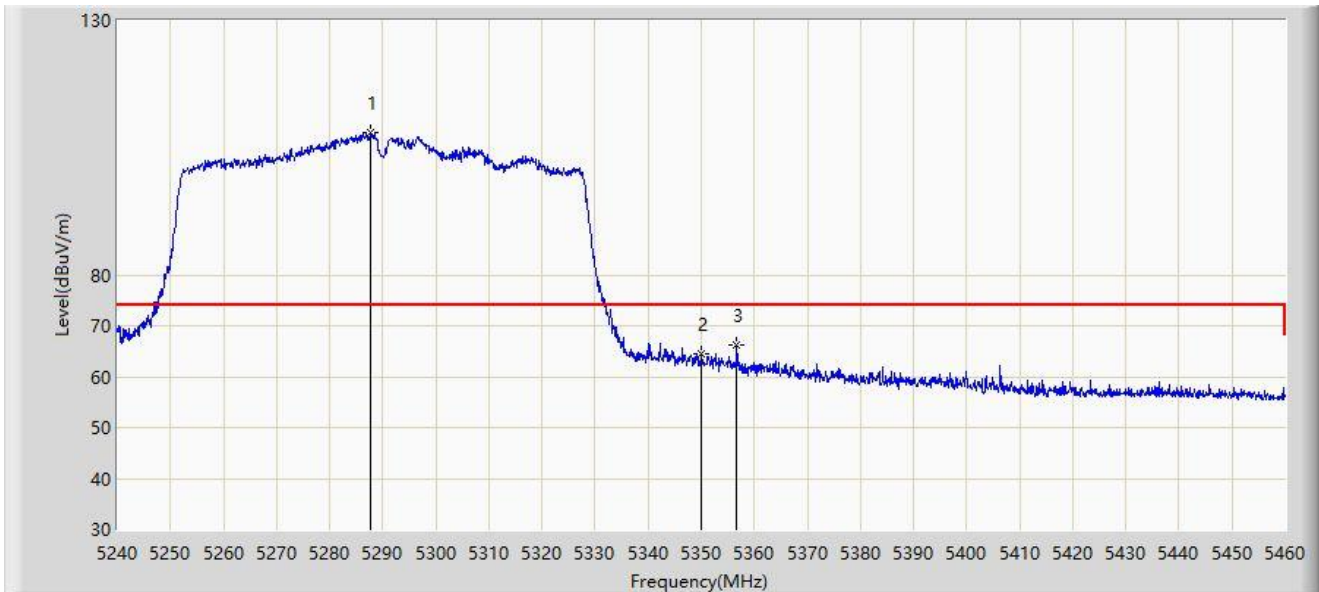
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5287.850	99.136	97.290	N/A	N/A	1.847	AV
2		5350.000	52.727	51.217	-1.273	54.000	1.510	AV
3	*	5350.110	52.742	51.232	-1.258	54.000	1.510	AV

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



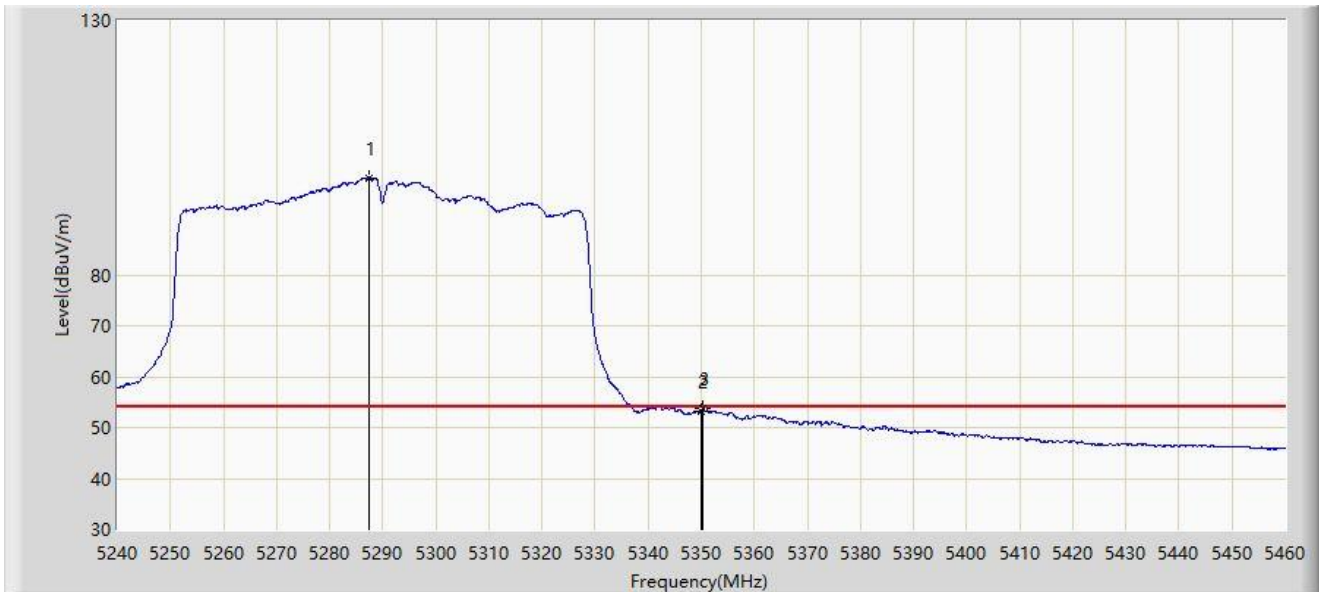
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5287.740	108.043	106.196	N/A	N/A	1.847	PK
2		5350.000	64.513	63.003	-9.487	74.000	1.510	PK
3	*	5356.600	66.141	64.571	-7.859	74.000	1.570	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



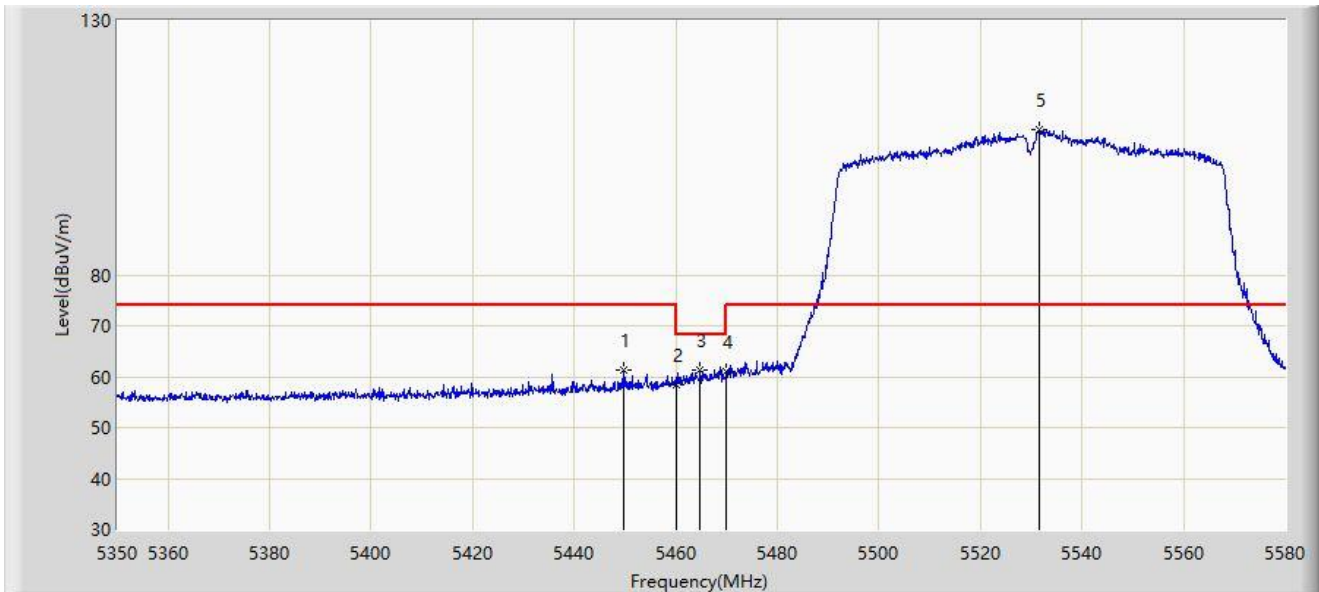
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5287.410	99.095	97.246	N/A	N/A	1.849	AV
2		5350.000	53.205	51.695	-0.795	54.000	1.510	AV
3	*	5350.330	53.626	52.116	-0.374	54.000	1.510	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



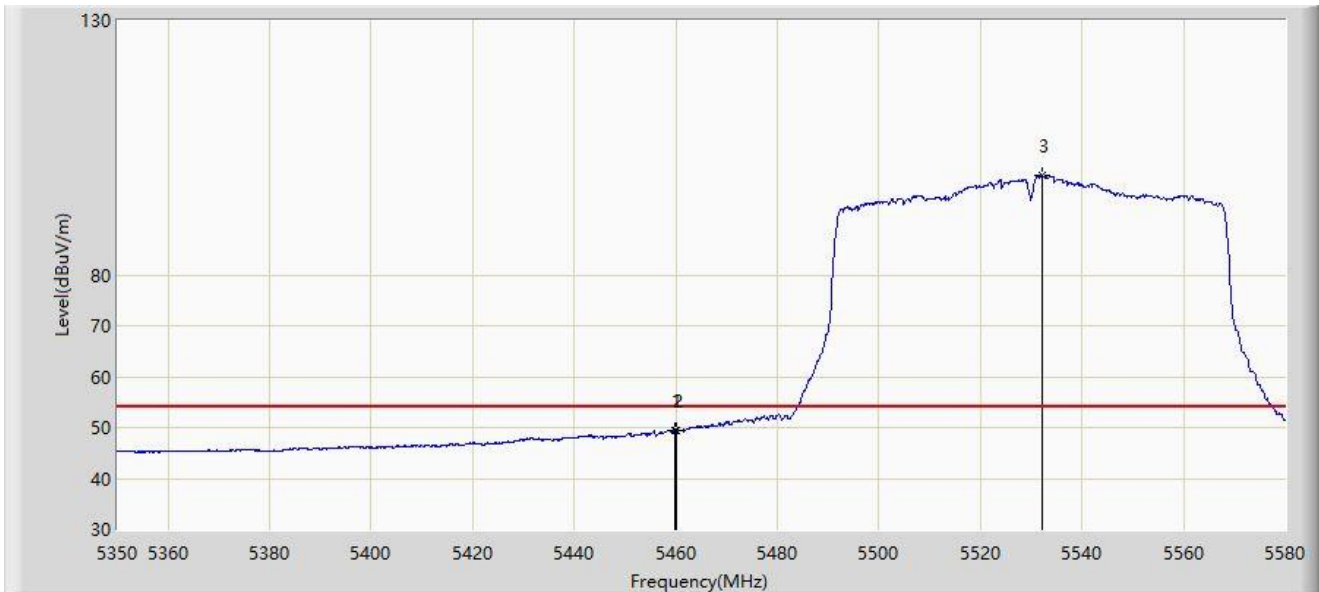
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5449.820	61.286	59.178	-12.714	74.000	2.108	PK
2		5460.000	58.263	56.156	-15.737	74.000	2.108	PK
3	*	5464.770	61.351	59.194	-6.849	68.200	2.157	PK
4		5470.000	60.960	58.748	-7.240	68.200	2.212	PK
5		5531.700	108.433	106.327	N/A	N/A	2.106	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



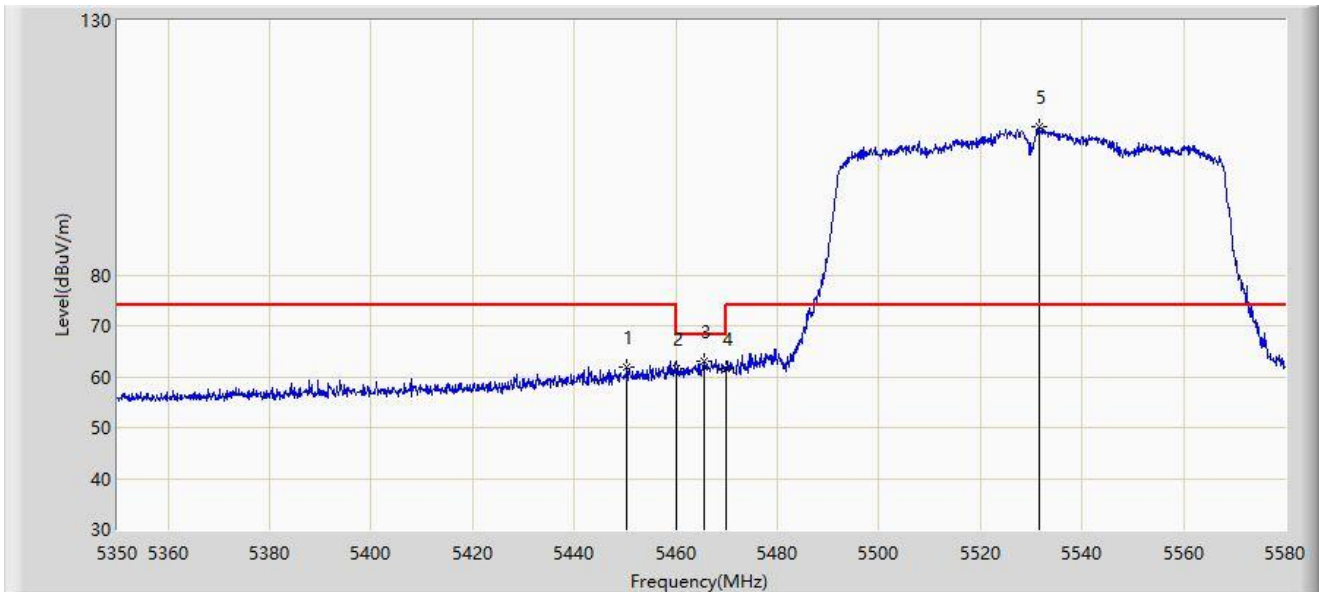
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.940	49.551	47.444	-4.449	54.000	2.106	AV
2		5460.000	49.544	47.437	-4.456	54.000	2.108	AV
3		5532.160	99.548	97.430	N/A	N/A	2.118	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



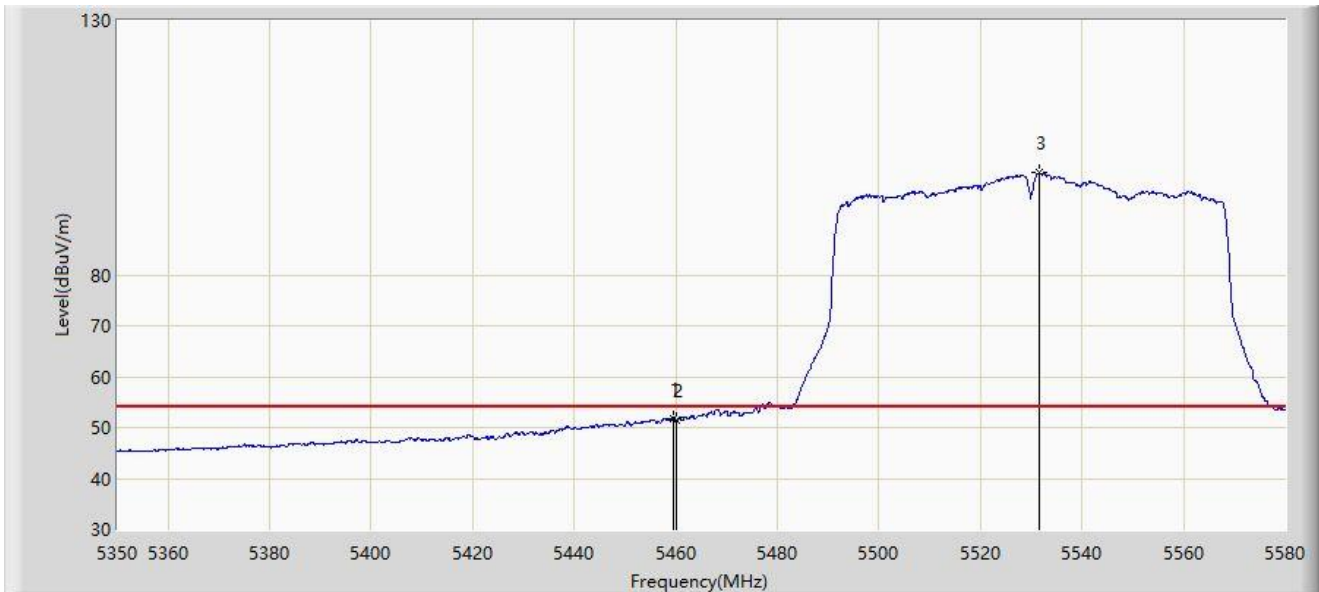
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5450.280	61.937	59.836	-12.063	74.000	2.101	PK
2		5460.000	61.706	59.599	-12.294	74.000	2.108	PK
3	*	5465.690	63.064	60.897	-5.136	68.200	2.167	PK
4		5470.000	61.571	59.359	-6.629	68.200	2.212	PK
5		5531.470	109.068	106.968	N/A	N/A	2.100	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



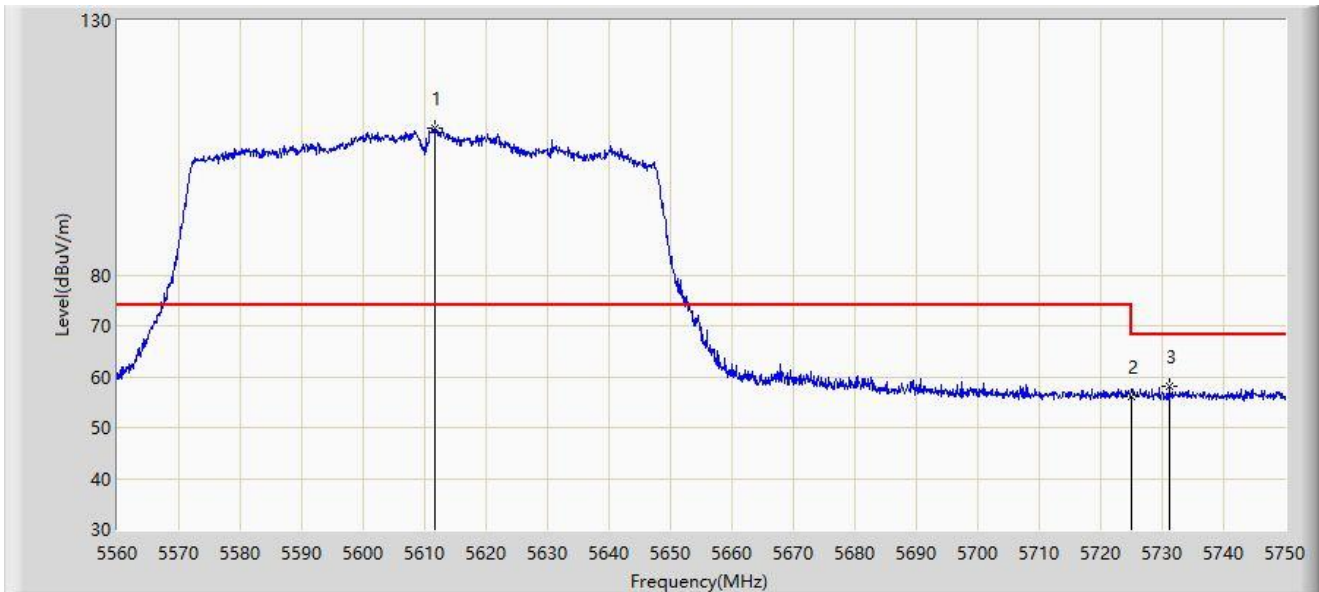
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.480	51.869	49.767	-2.131	54.000	2.102	AV
2		5460.000	51.444	49.337	-2.556	54.000	2.108	AV
3		5531.585	100.042	97.939	N/A	N/A	2.102	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



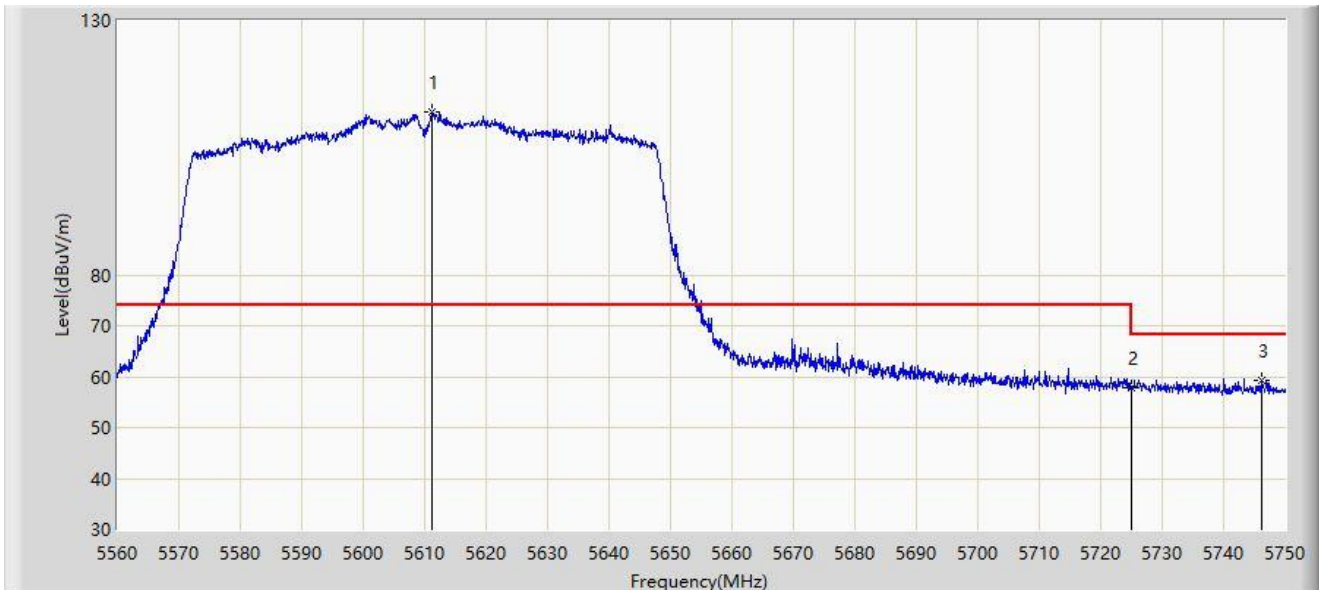
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5611.585	108.810	106.395	N/A	N/A	2.415	PK
2		5725.000	56.044	53.200	-12.156	68.200	2.844	PK
3	*	5731.190	58.038	55.133	-10.162	68.200	2.905	PK

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



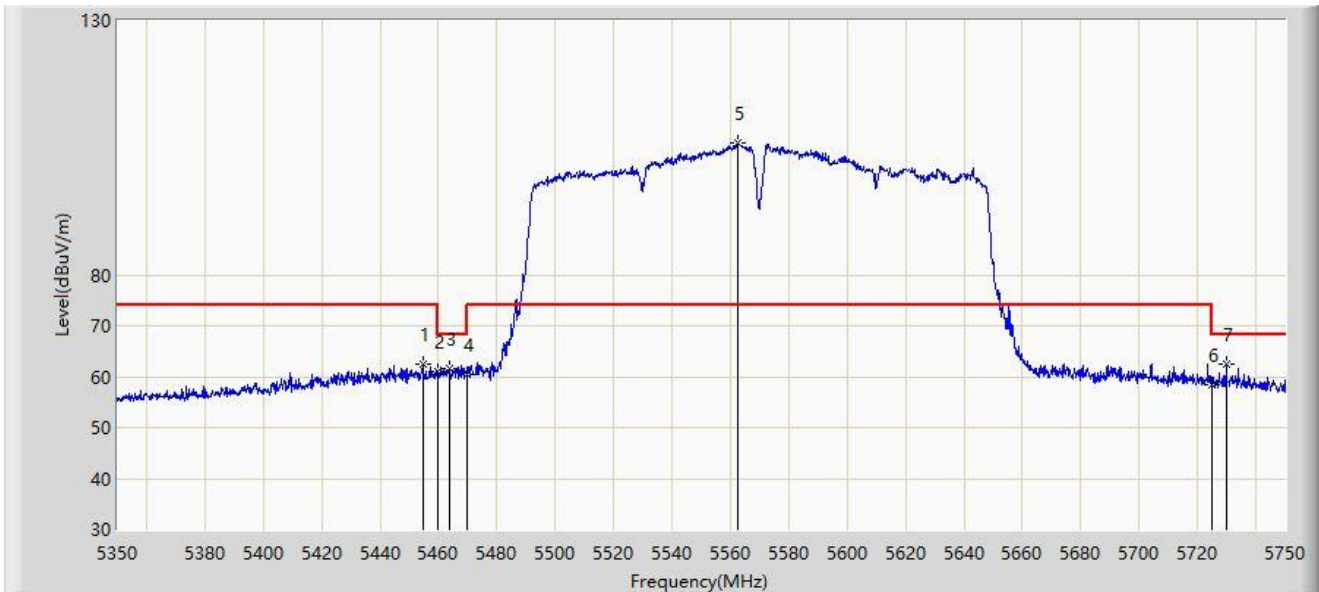
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5611.110	111.919	109.503	N/A	N/A	2.417	PK
2		5725.000	57.908	55.064	-10.292	68.200	2.844	PK
3	*	5746.105	59.390	56.336	-8.810	68.200	3.054	PK

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



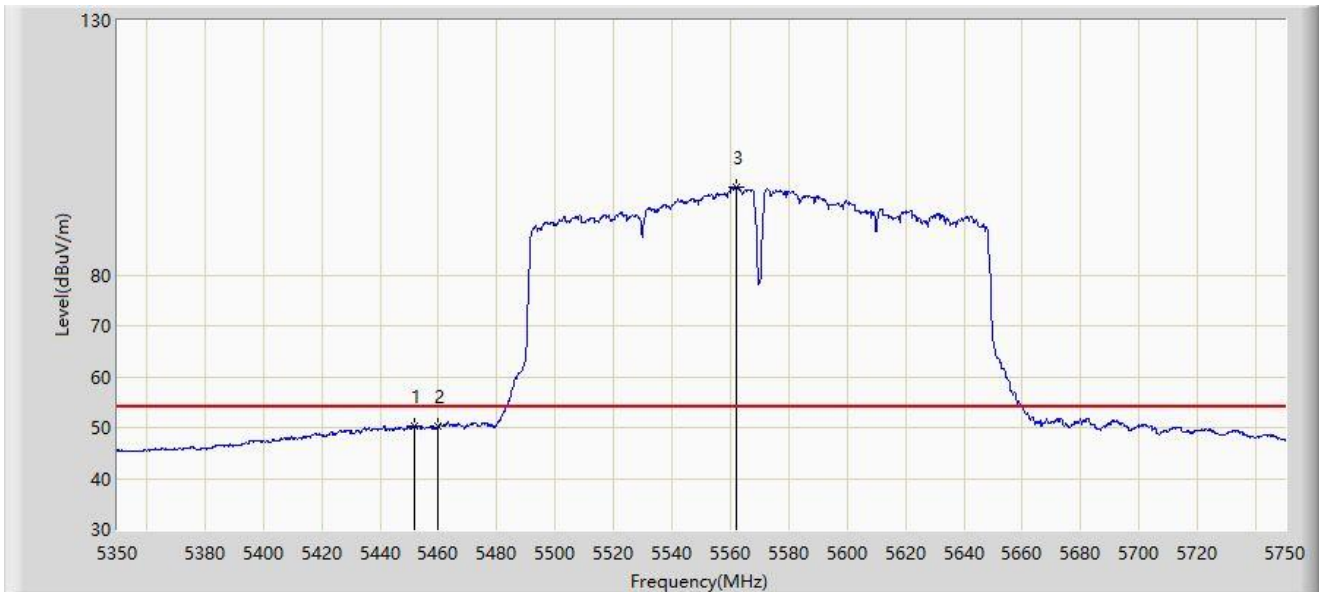
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5454.600	62.576	60.526	-11.424	74.000	2.050	PK
2		5460.000	61.097	58.990	-12.903	74.000	2.108	PK
3		5463.800	61.621	59.474	-6.579	68.200	2.147	PK
4		5470.000	60.489	58.277	-7.711	68.200	2.212	PK
5		5562.600	105.985	103.465	N/A	N/A	2.519	PK
6		5725.000	58.402	55.558	-9.798	68.200	2.844	PK
7	*	5729.800	62.347	59.456	-5.853	68.200	2.891	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



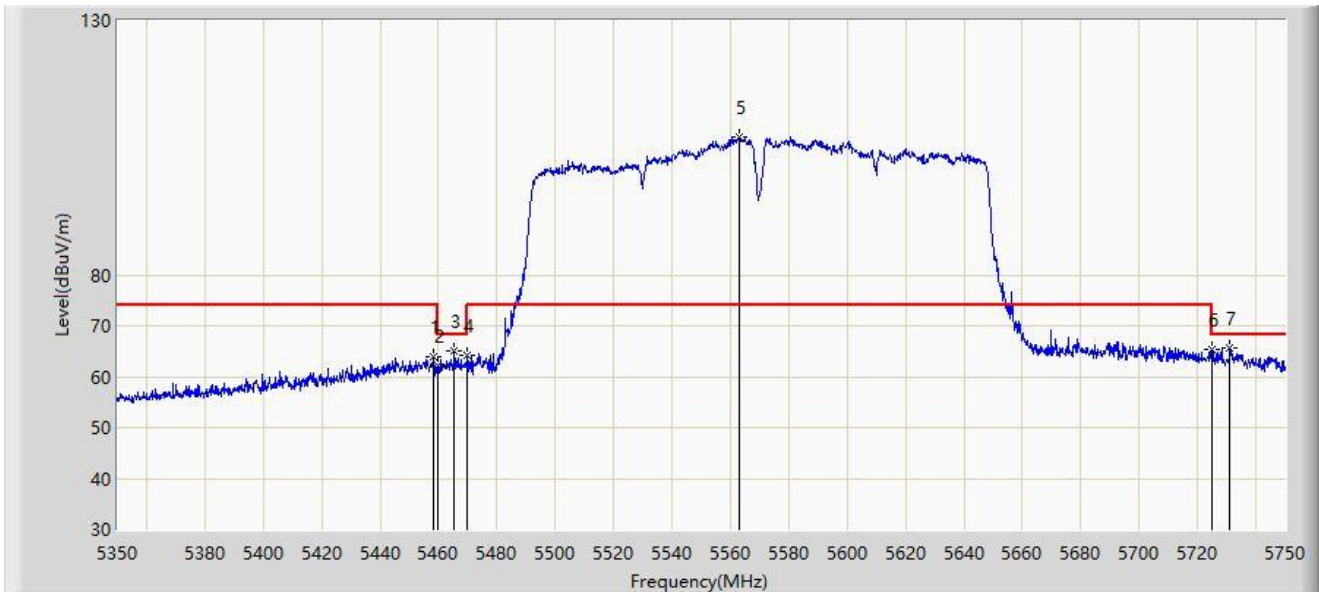
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5452.000	50.368	48.293	-3.632	54.000	2.075	AV
2		5460.000	50.275	48.168	-3.725	54.000	2.108	AV
3		5562.000	97.355	94.834	N/A	N/A	2.521	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



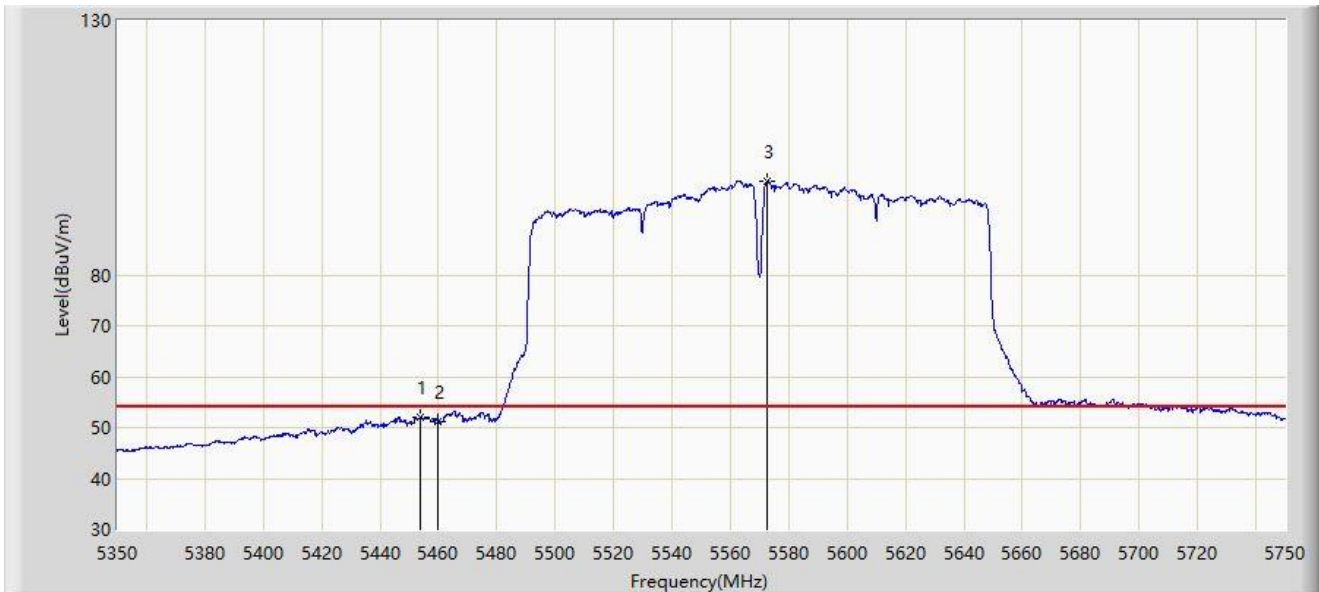
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5458.200	63.981	61.893	-10.019	74.000	2.088	PK
2		5460.000	62.224	60.117	-11.776	74.000	2.108	PK
3		5465.400	65.060	62.896	-3.140	68.200	2.164	PK
4		5470.000	64.076	61.864	-4.124	68.200	2.212	PK
5		5563.000	106.969	104.450	N/A	N/A	2.518	PK
6		5725.000	65.251	62.407	-2.949	68.200	2.844	PK
7	*	5731.000	65.568	62.665	-2.632	68.200	2.903	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



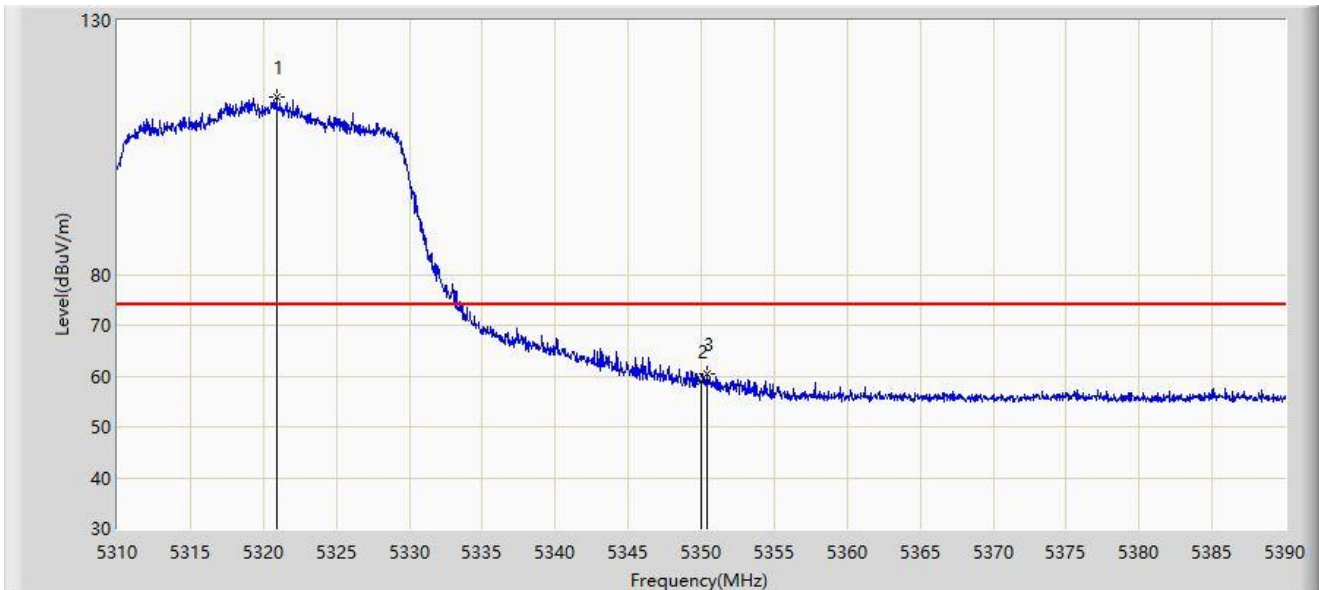
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5453.600	52.044	49.994	-1.956	54.000	2.050	AV
2		5460.000	51.153	49.046	-2.847	54.000	2.108	AV
3		5572.800	98.477	95.978	N/A	N/A	2.499	AV

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



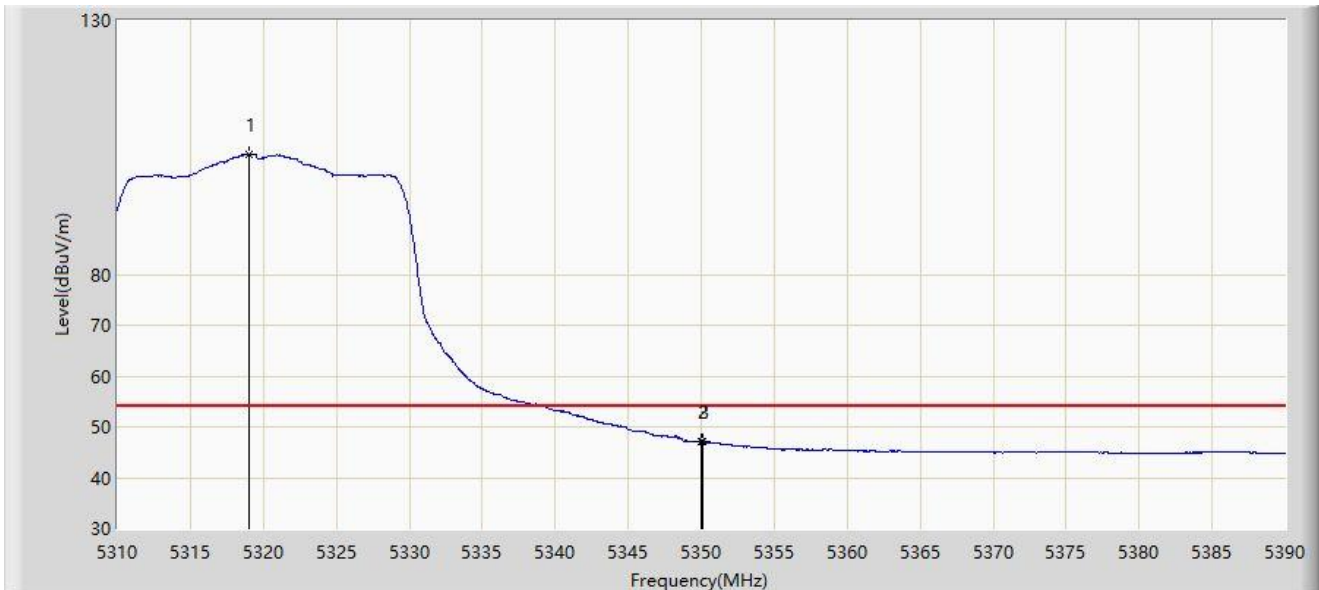
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5320.880	114.990	113.439	N/A	N/A	1.551	PK
2		5350.000	59.096	57.586	-14.904	74.000	1.510	PK
3	*	5350.360	60.549	59.039	-13.451	74.000	1.510	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



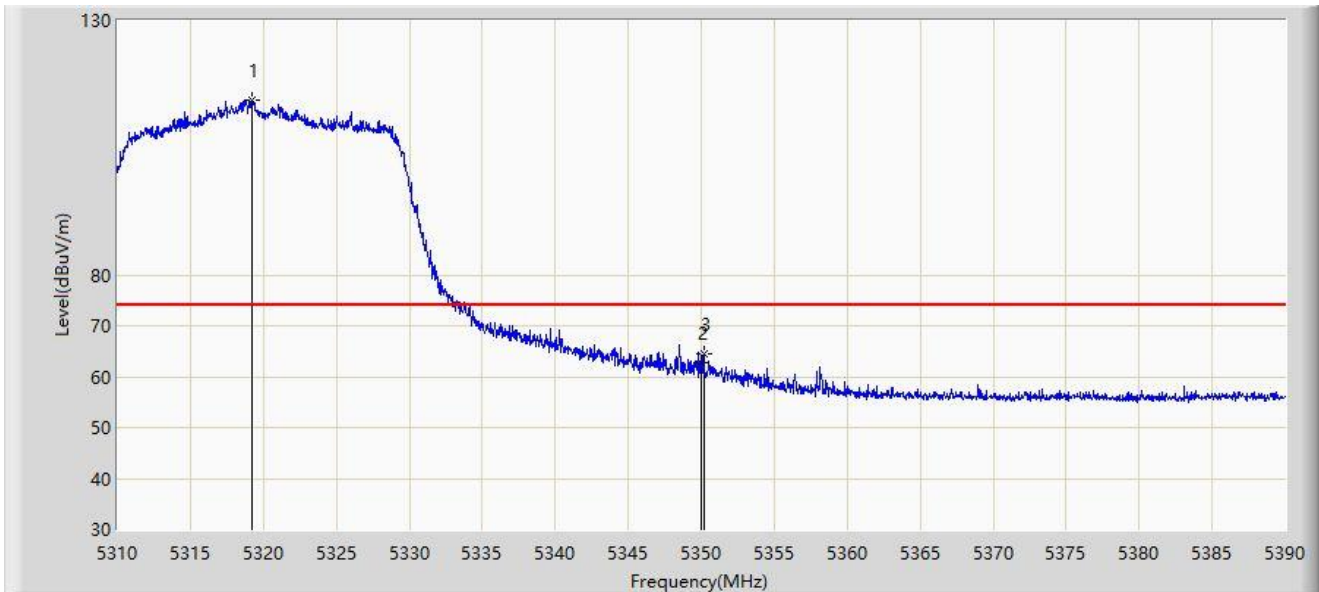
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.000	103.747	102.195	N/A	N/A	1.552	AV
2		5350.000	47.006	45.496	-6.994	54.000	1.510	AV
3	*	5350.080	47.019	45.509	-6.981	54.000	1.509	AV

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

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

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

Site: NS-AC1	Test Date: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



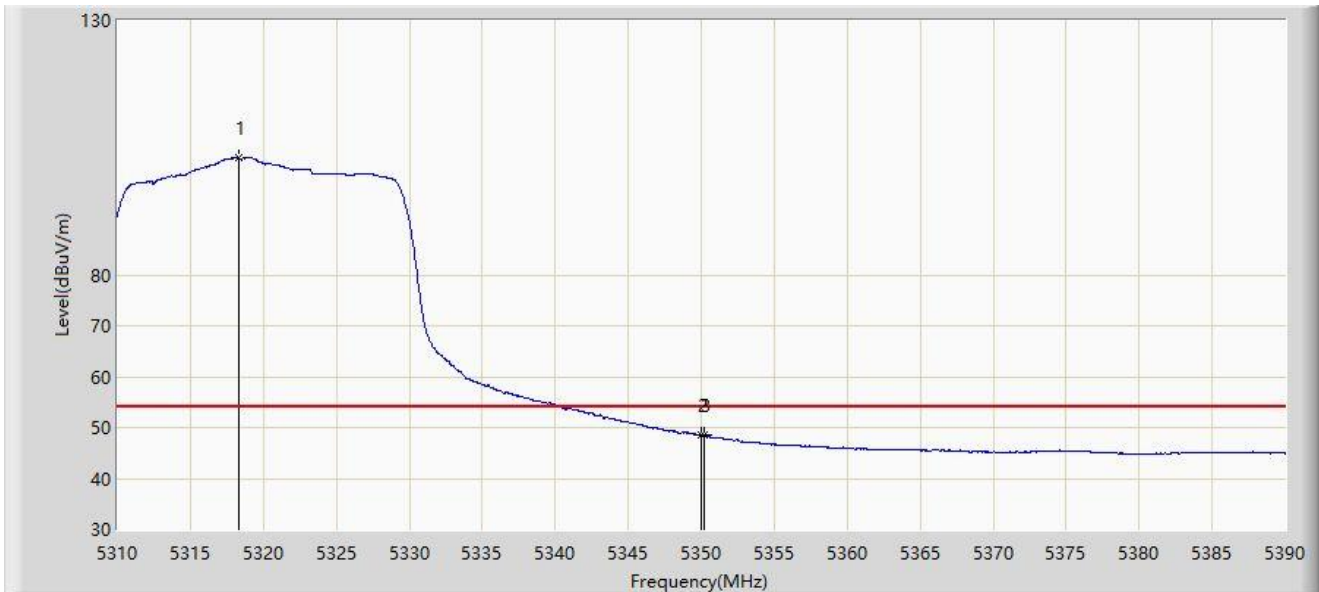
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.240	114.296	112.744	N/A	N/A	1.552	PK
2		5350.000	62.776	61.266	-11.224	74.000	1.510	PK
3	*	5350.160	64.484	62.974	-9.516	74.000	1.511	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



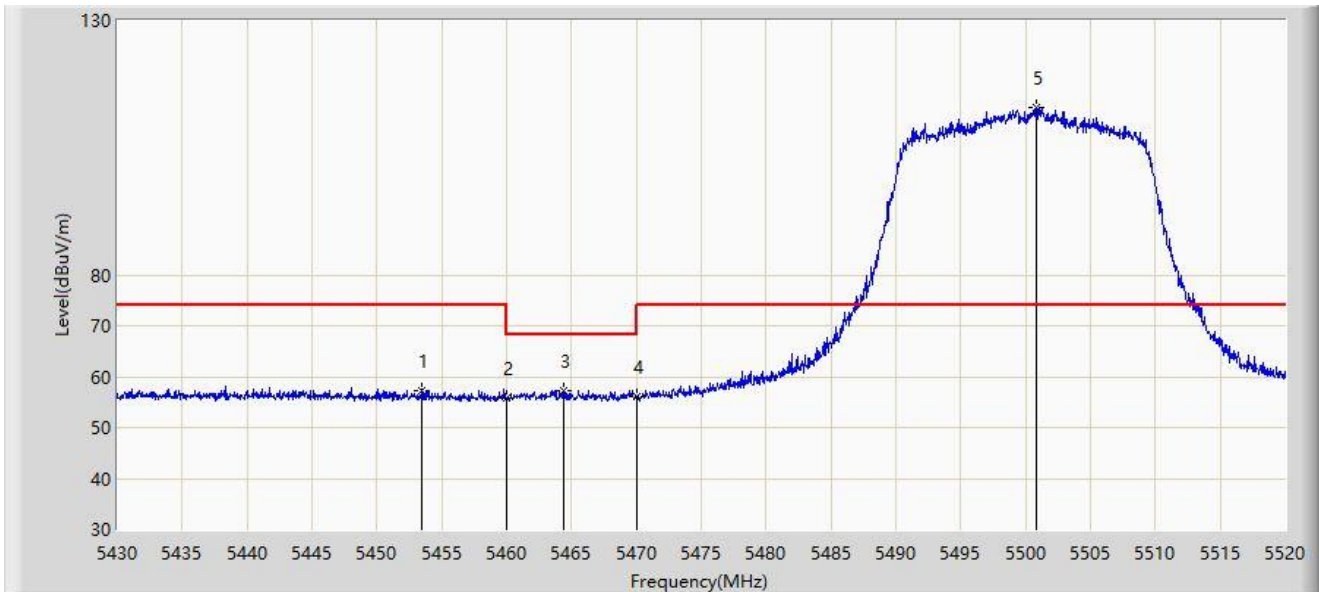
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5318.320	103.094	101.541	N/A	N/A	1.553	AV
2		5350.000	48.547	47.037	-5.453	54.000	1.510	AV
3	*	5350.240	48.664	47.154	-5.336	54.000	1.510	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



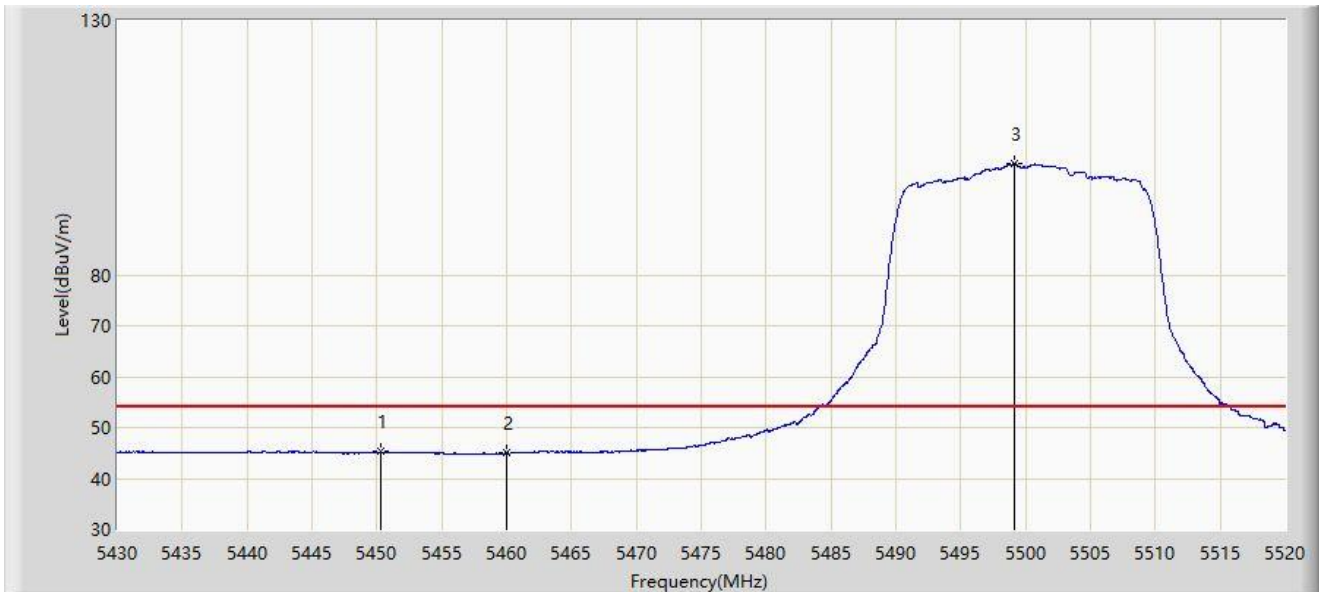
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5453.445	57.268	55.215	-16.732	74.000	2.053	PK
2		5460.000	55.870	53.763	-18.130	74.000	2.108	PK
3	*	5464.380	57.192	55.039	-11.008	68.200	2.153	PK
4		5470.000	56.187	53.975	-12.013	68.200	2.212	PK
5		5500.785	112.865	110.406	N/A	N/A	2.459	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



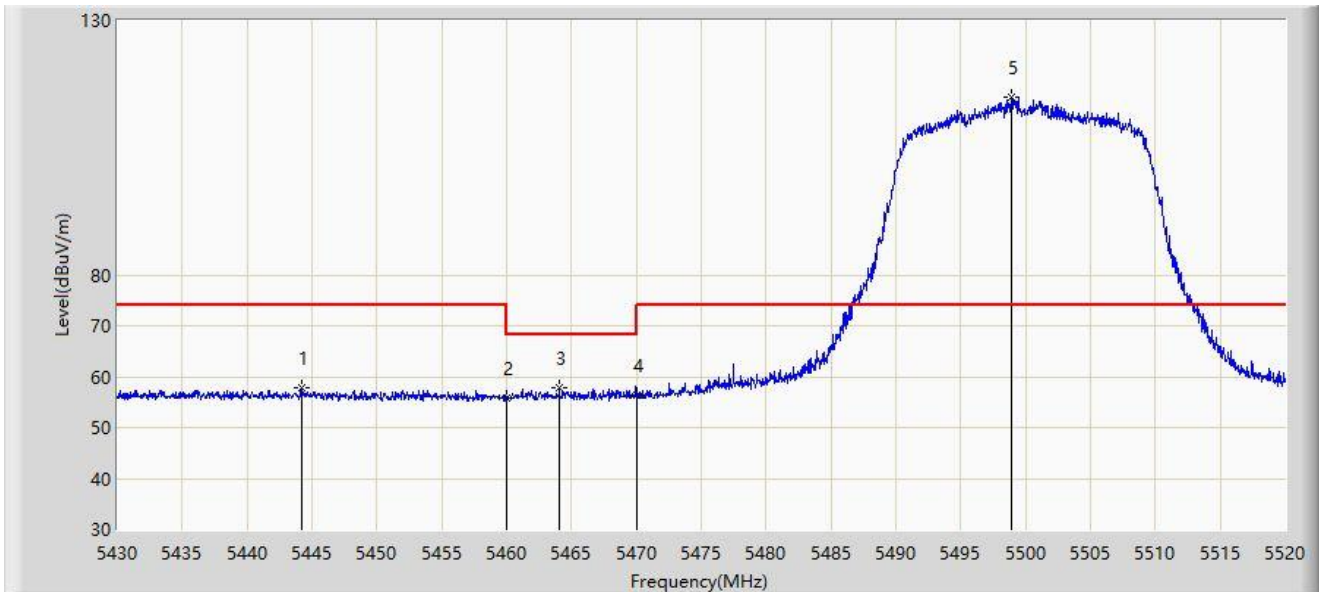
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5450.295	45.270	43.169	-8.730	54.000	2.100	AV
2		5460.000	44.962	42.855	-9.038	54.000	2.108	AV
3		5499.120	101.780	99.303	N/A	N/A	2.477	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



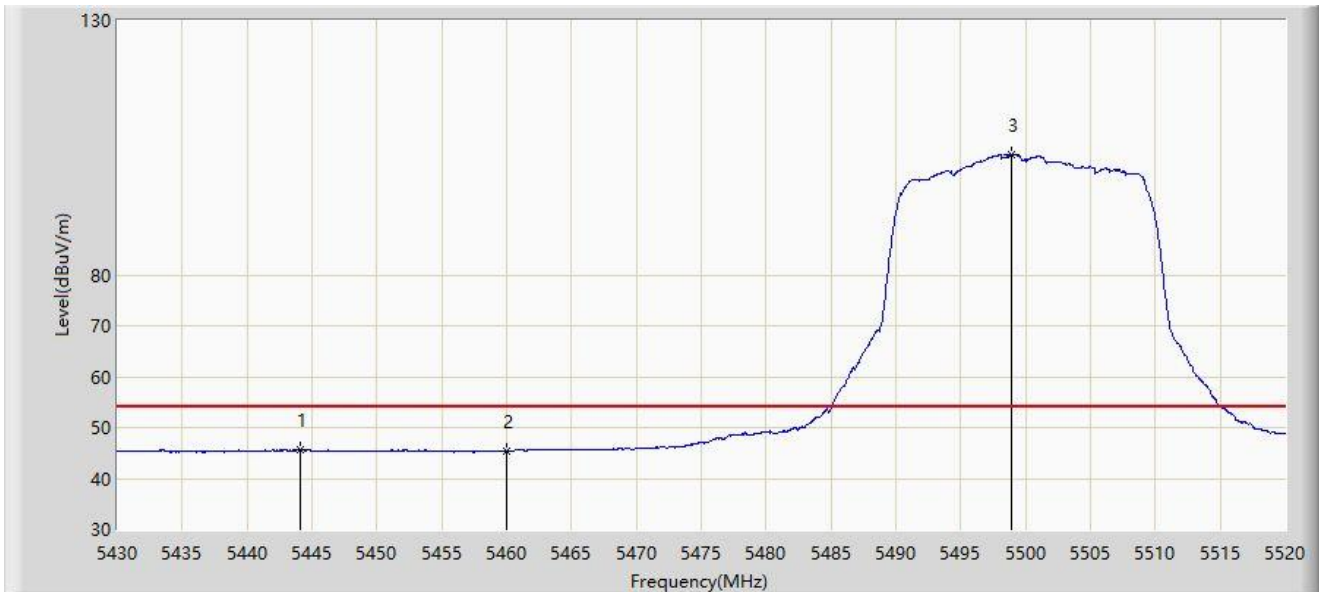
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5444.175	57.773	55.578	-16.227	74.000	2.195	PK
2		5460.000	55.789	53.682	-18.211	74.000	2.108	PK
3	*	5464.065	57.847	55.697	-10.353	68.200	2.150	PK
4		5470.000	56.305	54.093	-11.895	68.200	2.212	PK
5		5498.895	114.803	112.323	N/A	N/A	2.479	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



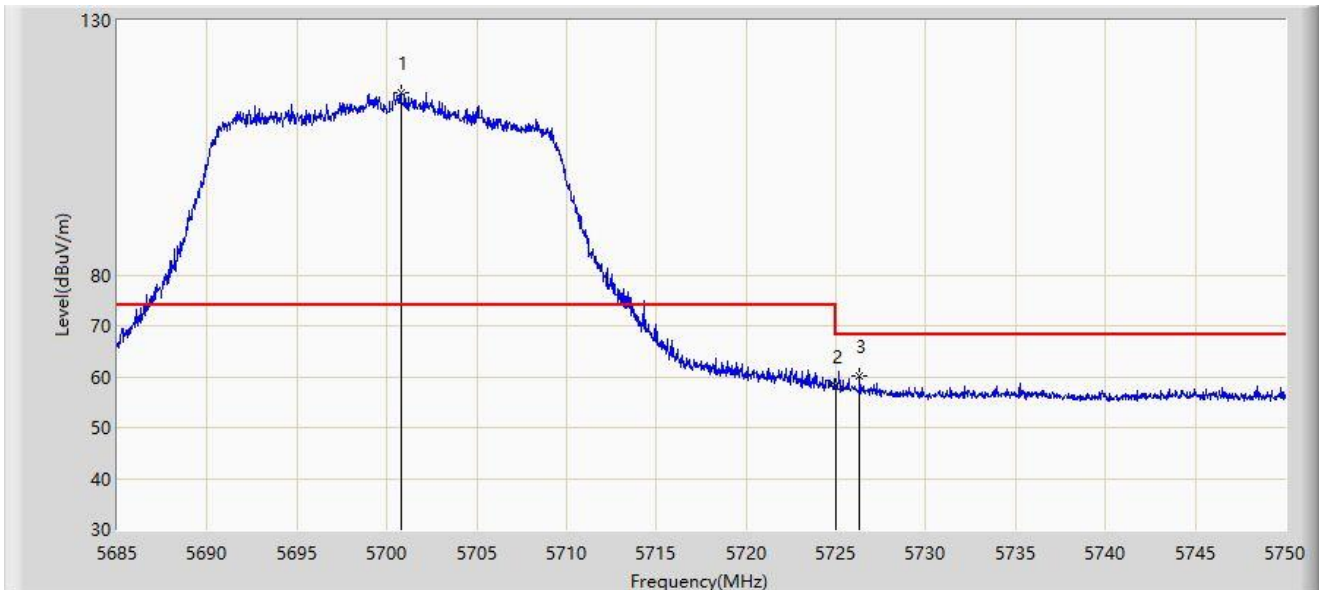
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5444.130	45.566	43.370	-8.434	54.000	2.196	AV
2		5460.000	45.422	43.315	-8.578	54.000	2.108	AV
3		5498.895	103.742	101.262	N/A	N/A	2.479	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



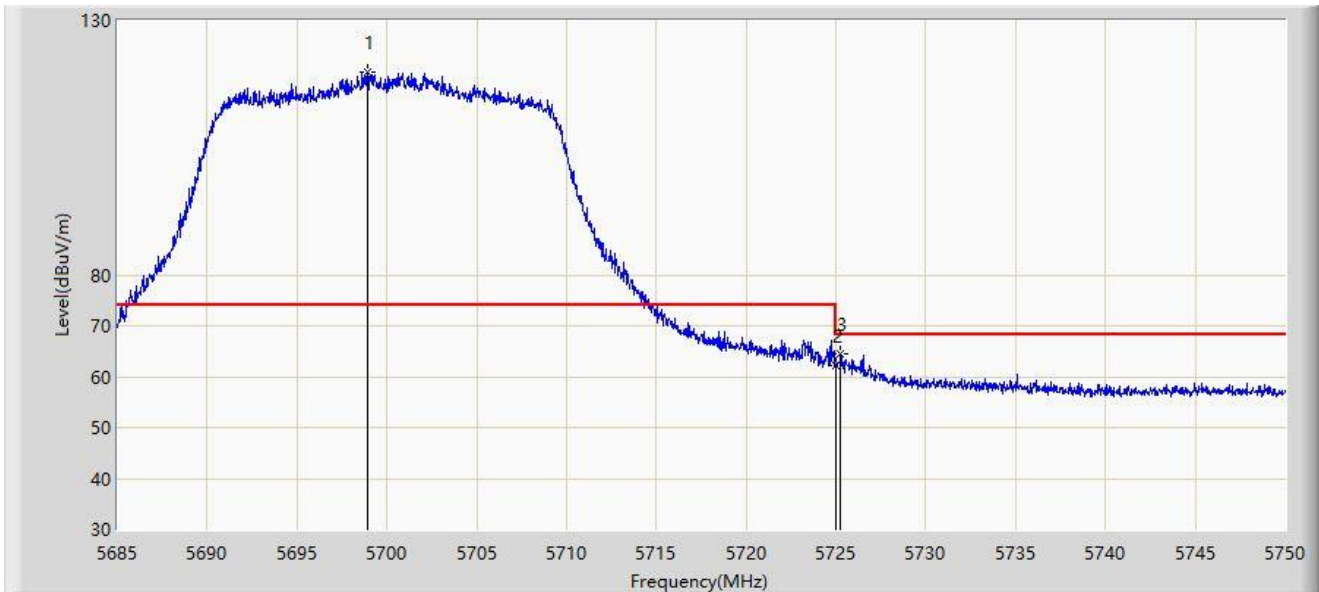
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5700.763	115.875	113.019	N/A	N/A	2.856	PK
2		5725.000	58.157	55.313	-10.043	68.200	2.844	PK
3	*	5726.308	60.039	57.185	-8.161	68.200	2.854	PK

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



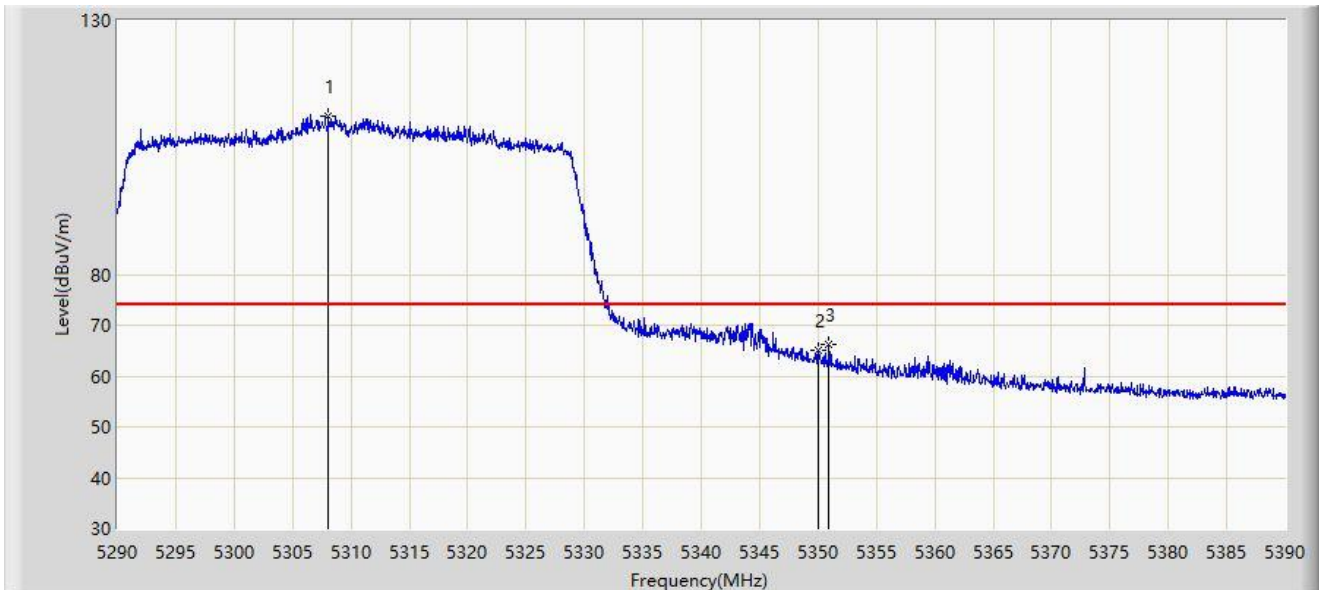
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5698.910	119.985	117.102	N/A	N/A	2.883	PK
2		5725.000	62.150	59.306	-6.050	68.200	2.844	PK
3	*	5725.235	64.374	61.528	-3.826	68.200	2.846	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



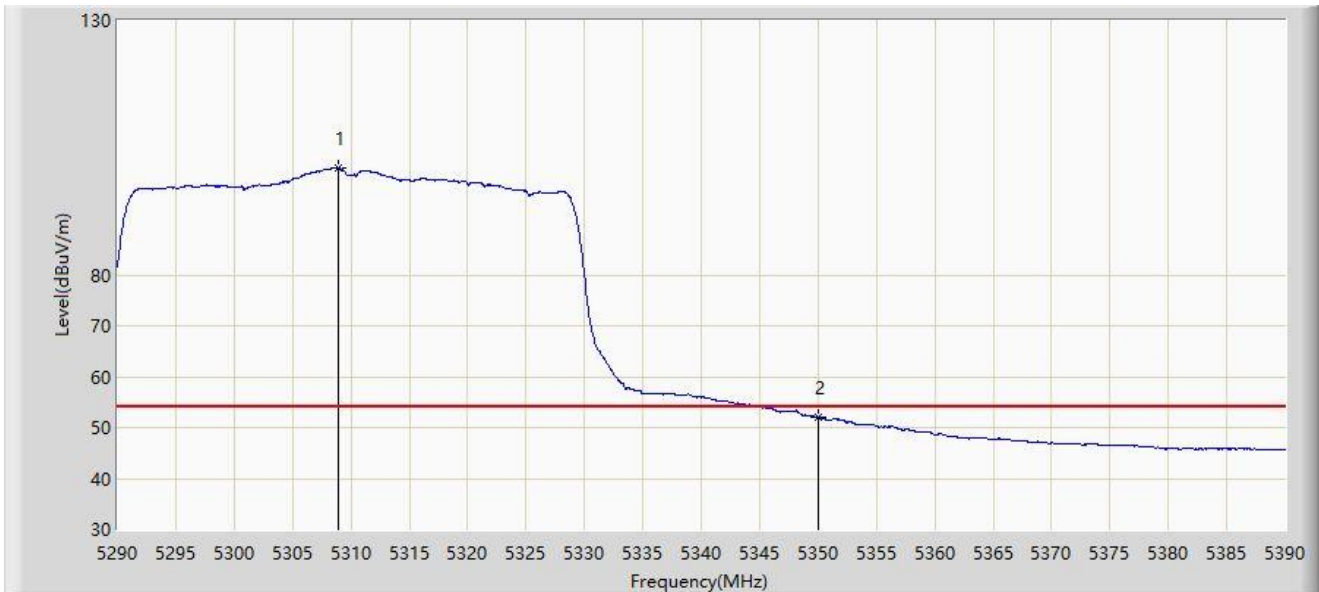
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5308.100	111.218	109.541	N/A	N/A	1.677	PK
2		5350.000	65.176	63.666	-8.824	74.000	1.510	PK
3	*	5350.950	66.146	64.638	-7.854	74.000	1.509	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



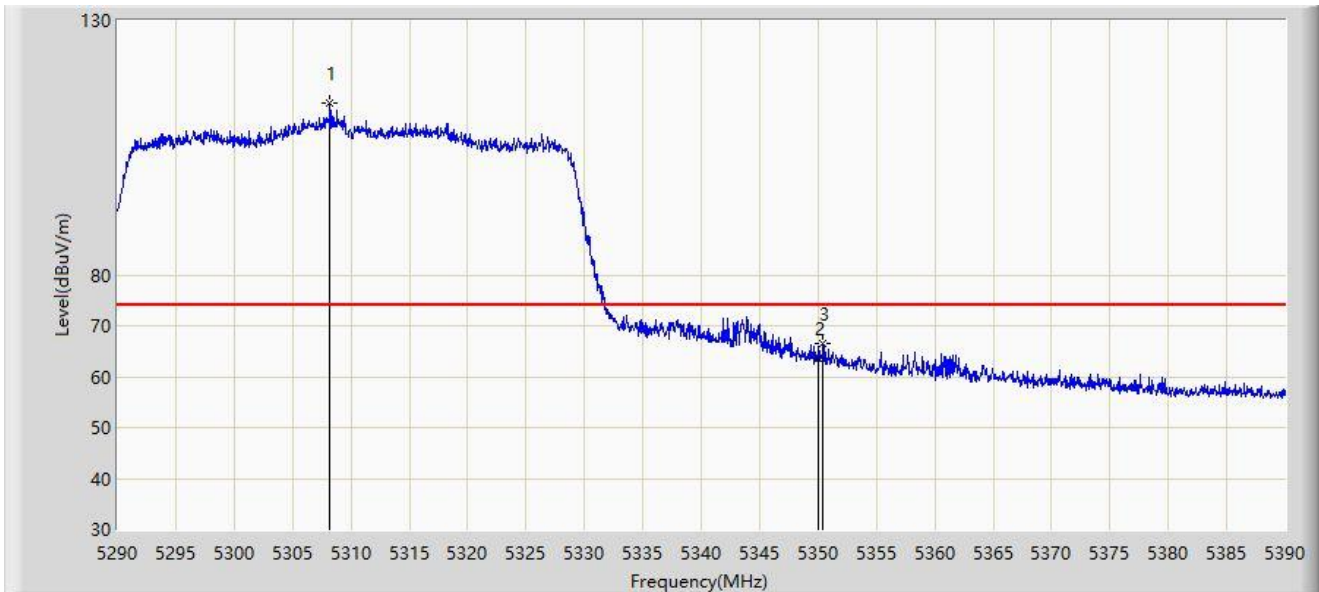
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5308.950	100.995	99.329	N/A	N/A	1.667	AV
2	*	5350.000	52.100	50.590	-1.900	54.000	1.510	AV

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



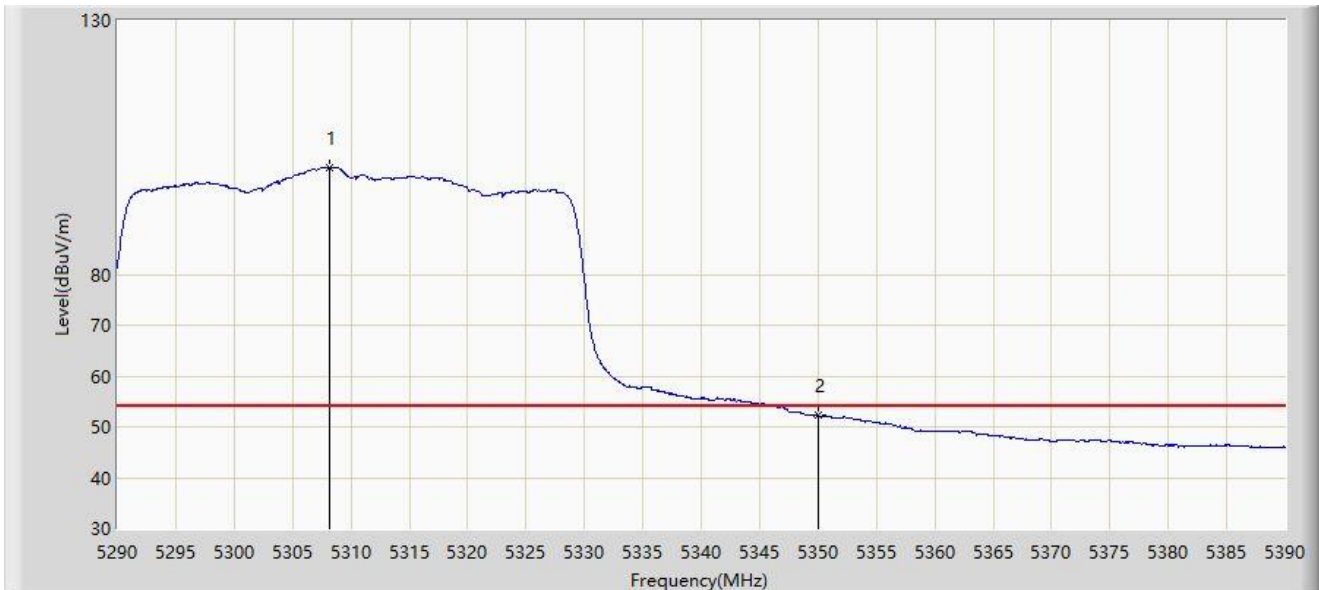
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5308.200	113.726	112.050	N/A	N/A	1.676	PK
2		5350.000	63.683	62.173	-10.317	74.000	1.510	PK
3	*	5350.450	66.662	65.153	-7.338	74.000	1.509	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



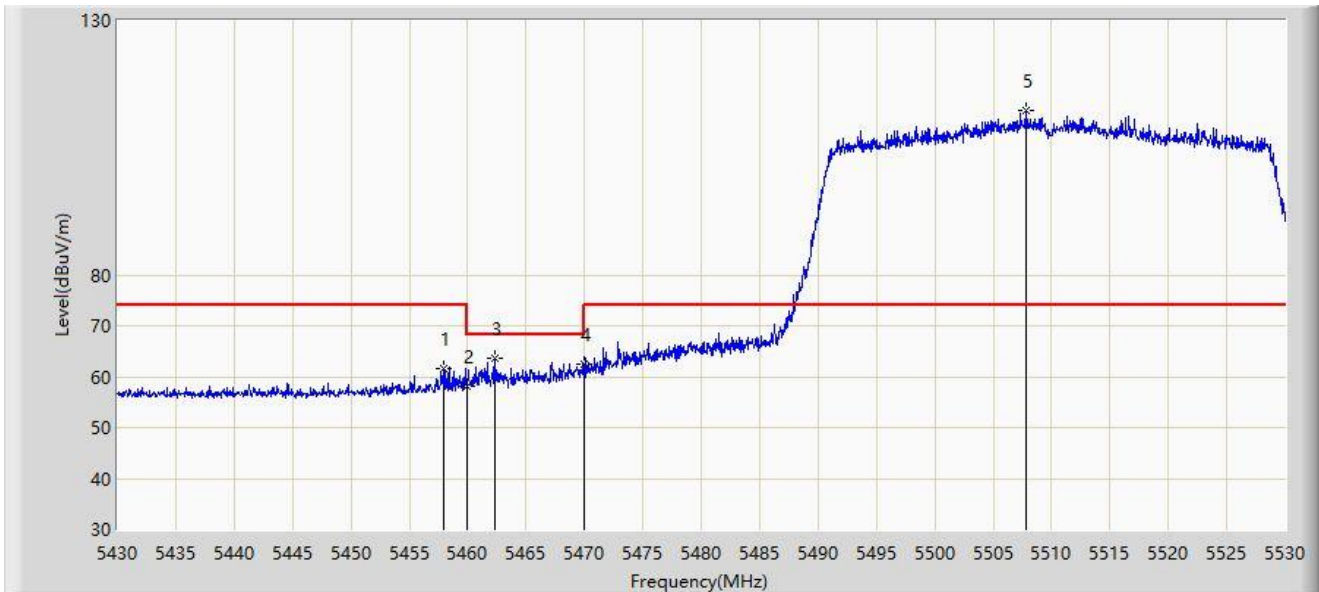
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5308.200	101.108	99.432	N/A	N/A	1.676	AV
2	*	5350.000	52.363	50.853	-1.637	54.000	1.510	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



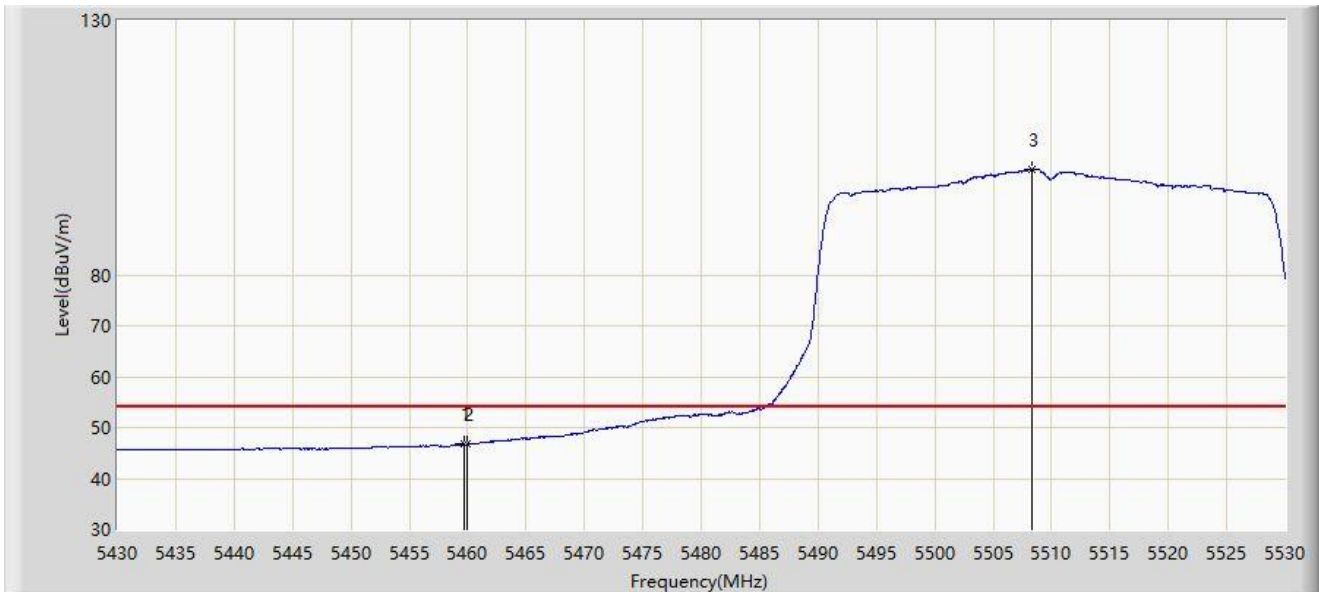
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5457.950	61.693	59.607	-12.307	74.000	2.086	PK
2		5460.000	58.225	56.118	-15.775	74.000	2.108	PK
3	*	5462.300	63.647	61.516	-4.553	68.200	2.132	PK
4		5470.000	62.485	60.273	-5.715	68.200	2.212	PK
5		5507.800	112.312	109.991	N/A	N/A	2.320	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



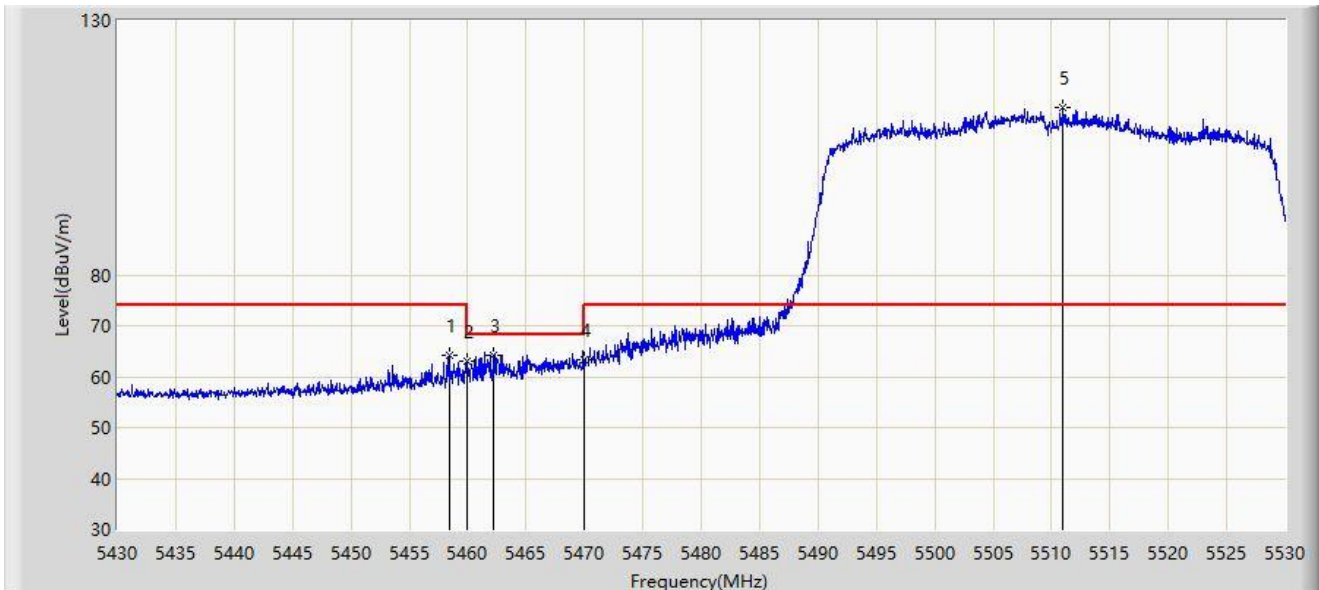
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.650	46.730	44.627	-7.270	54.000	2.104	AV
2		5460.000	46.700	44.593	-7.300	54.000	2.108	AV
3		5508.300	100.786	98.482	N/A	N/A	2.304	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



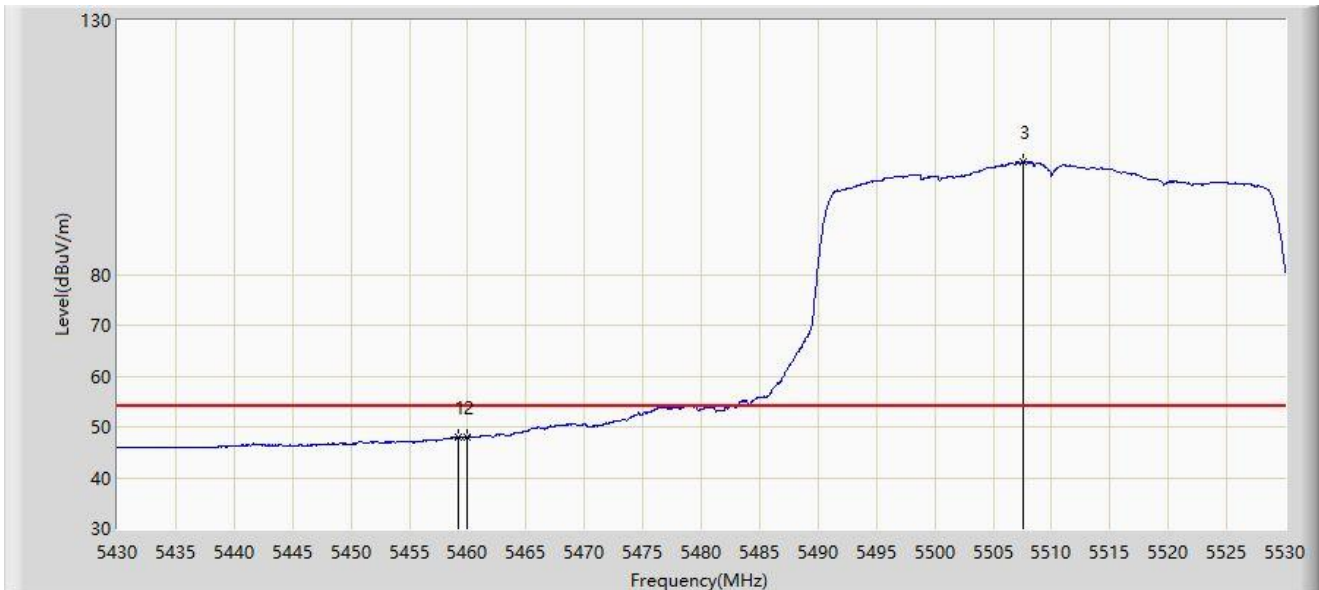
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5458.450	64.217	62.126	-9.783	74.000	2.091	PK
2		5460.000	63.076	60.969	-10.924	74.000	2.108	PK
3	*	5462.200	64.318	62.188	-3.882	68.200	2.130	PK
4		5470.000	63.204	60.992	-4.996	68.200	2.212	PK
5		5511.000	112.911	110.695	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



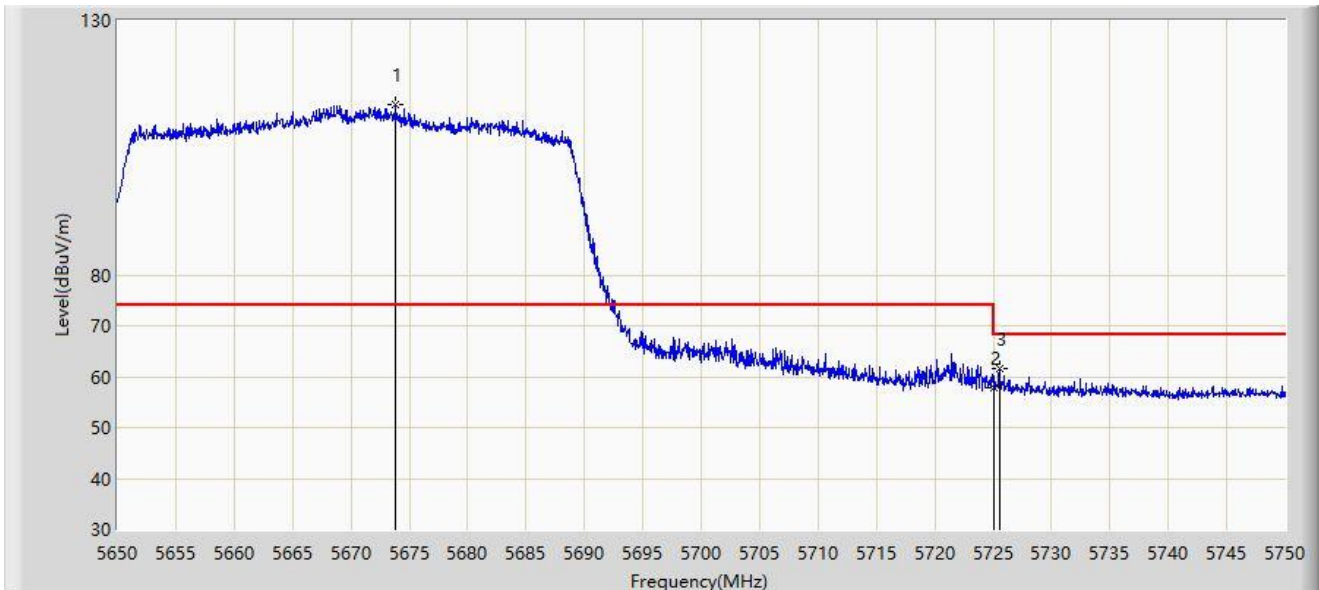
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.200	47.968	45.869	-6.032	54.000	2.098	AV
2		5460.000	47.894	45.787	-6.106	54.000	2.108	AV
3		5507.550	102.052	99.723	N/A	N/A	2.329	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



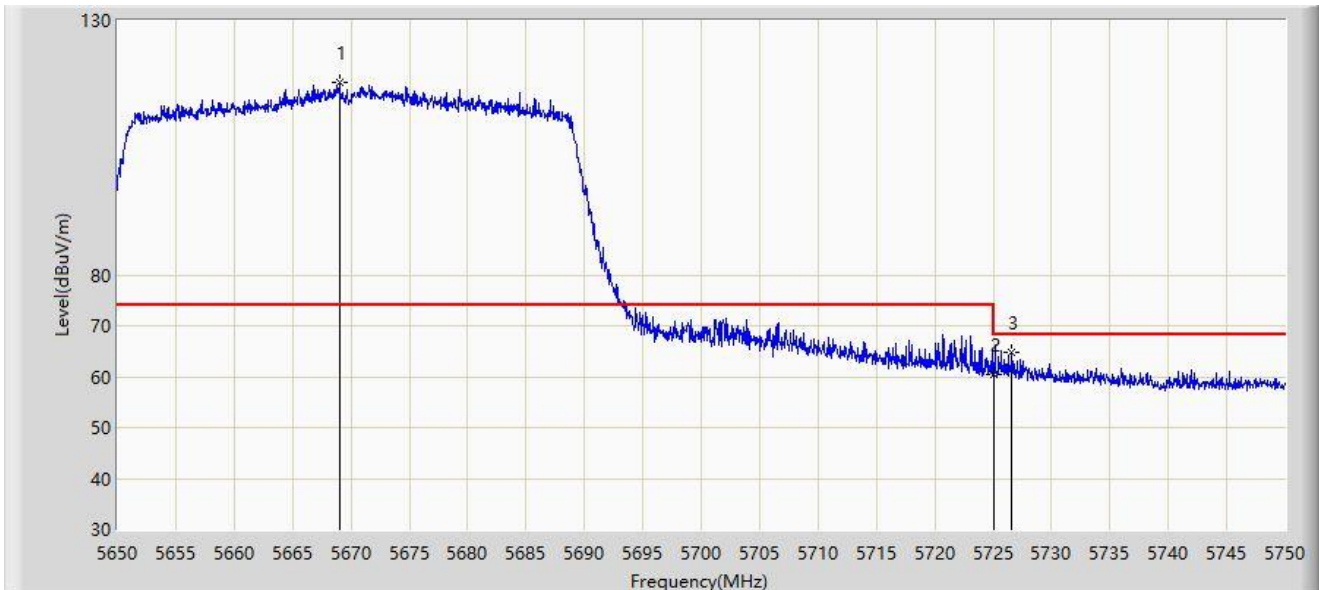
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5673.850	113.472	110.932	N/A	N/A	2.541	PK
2		5725.000	57.838	54.994	-10.362	68.200	2.844	PK
3	*	5725.550	61.473	58.625	-6.727	68.200	2.848	PK

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

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

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

Site: NS-AC1	Test Date: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



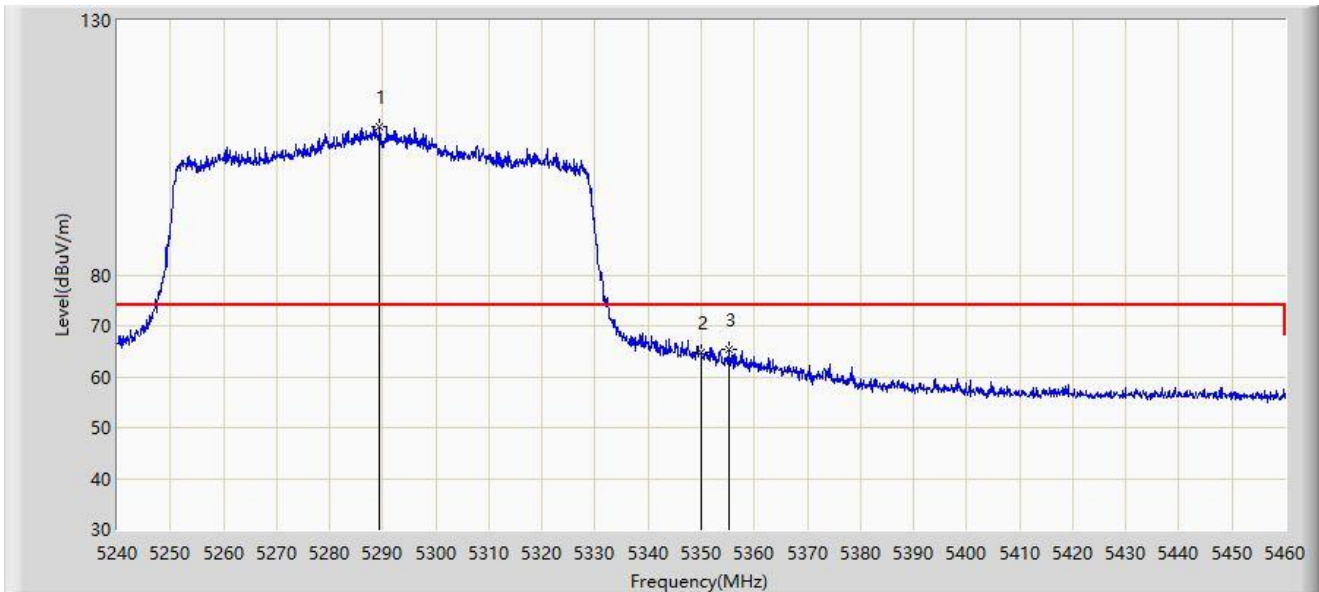
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5669.050	117.782	115.232	N/A	N/A	2.550	PK
2		5725.000	60.454	57.610	-7.746	68.200	2.844	PK
3	*	5726.600	64.910	62.053	-3.290	68.200	2.857	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



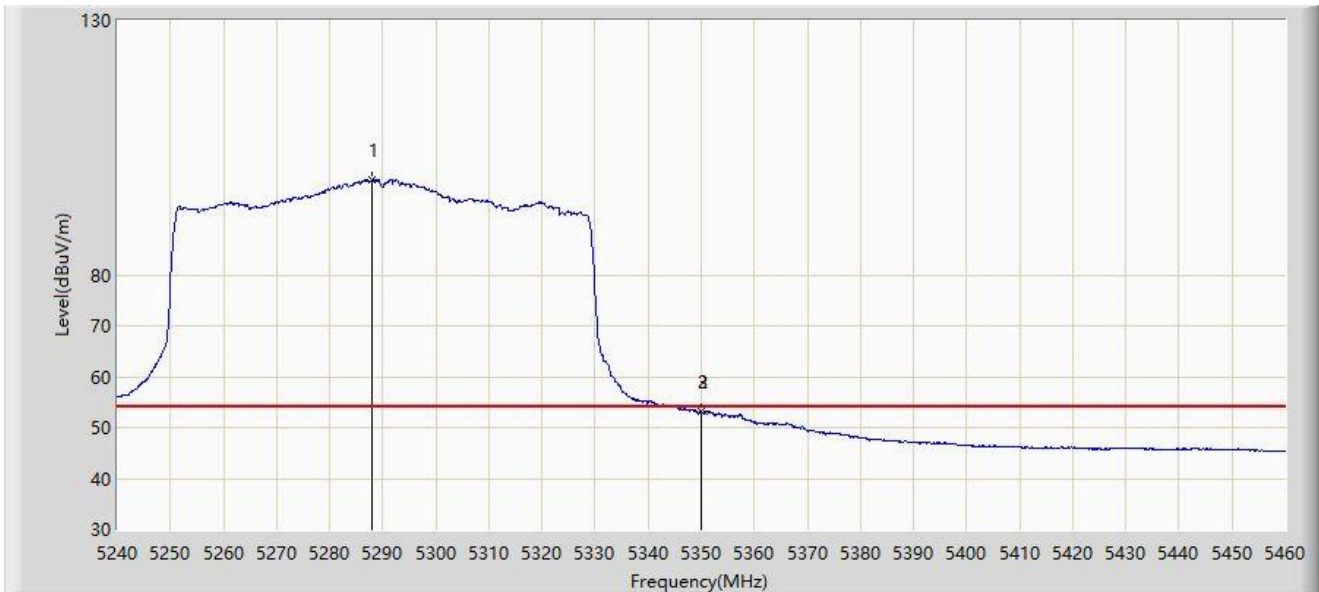
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5289.390	109.063	107.226	N/A	N/A	1.837	PK
2		5350.000	64.750	63.240	-9.250	74.000	1.510	PK
3	*	5355.280	65.272	63.720	-8.728	74.000	1.552	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



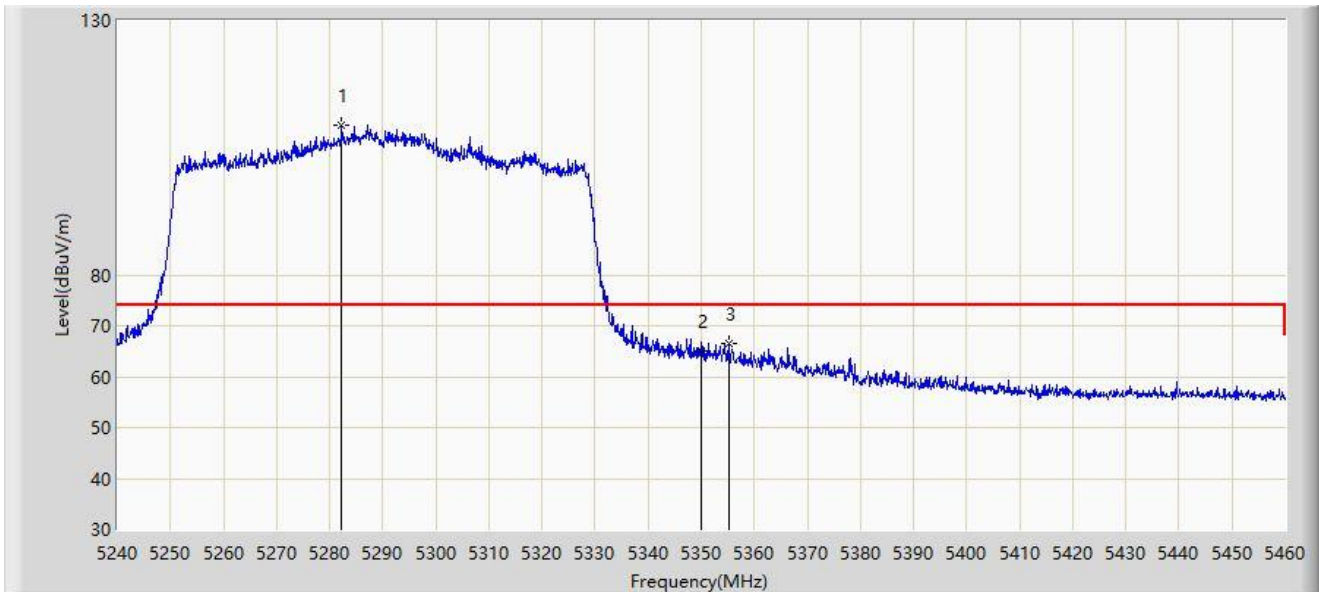
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5288.070	98.663	96.818	N/A	N/A	1.845	AV
2		5350.000	53.143	51.633	-0.857	54.000	1.510	AV
3	*	5350.110	53.152	51.642	-0.848	54.000	1.510	AV

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



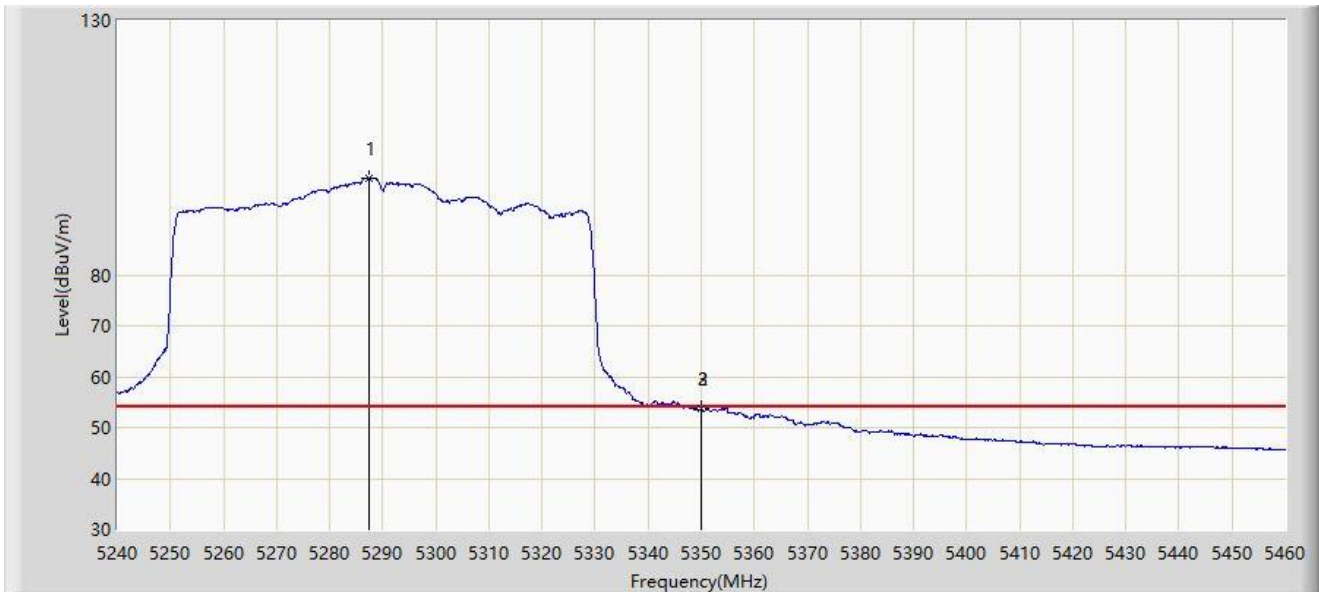
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5282.240	109.405	107.567	N/A	N/A	1.838	PK
2		5350.000	65.120	63.610	-8.880	74.000	1.510	PK
3	*	5355.280	66.601	65.049	-7.399	74.000	1.552	PK

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: 2023-08-29
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



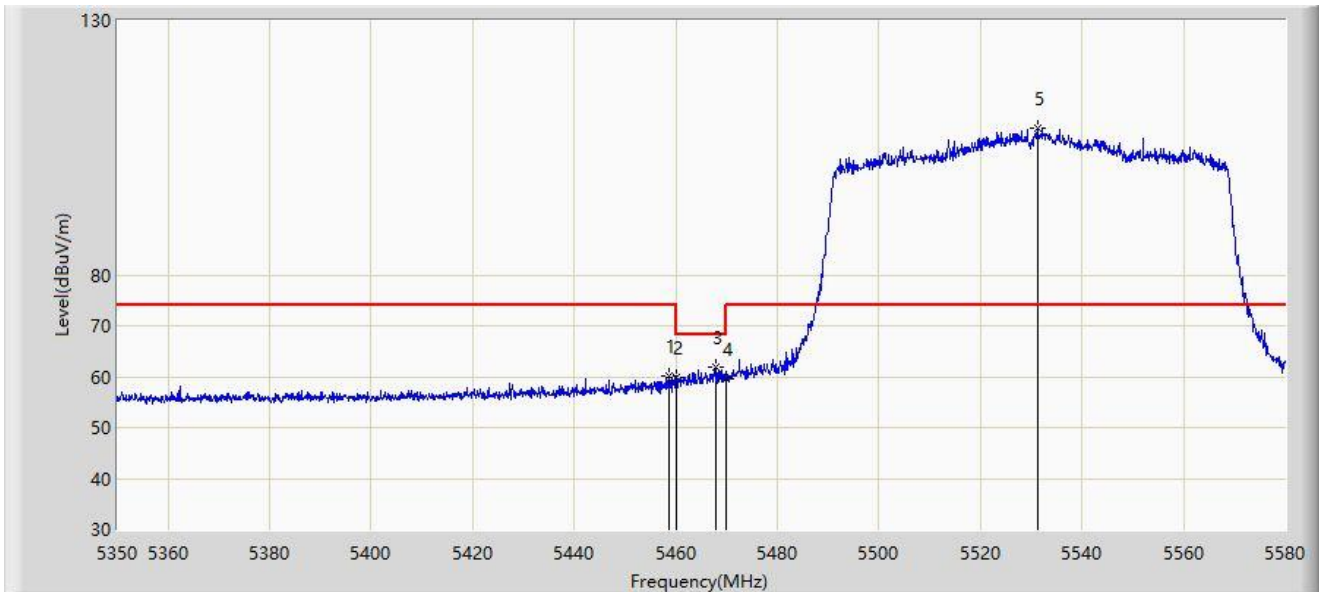
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5287.300	99.071	97.221	N/A	N/A	1.849	AV
2		5350.000	53.752	52.242	-0.248	54.000	1.510	AV
3	*	5350.110	53.768	52.258	-0.232	54.000	1.510	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



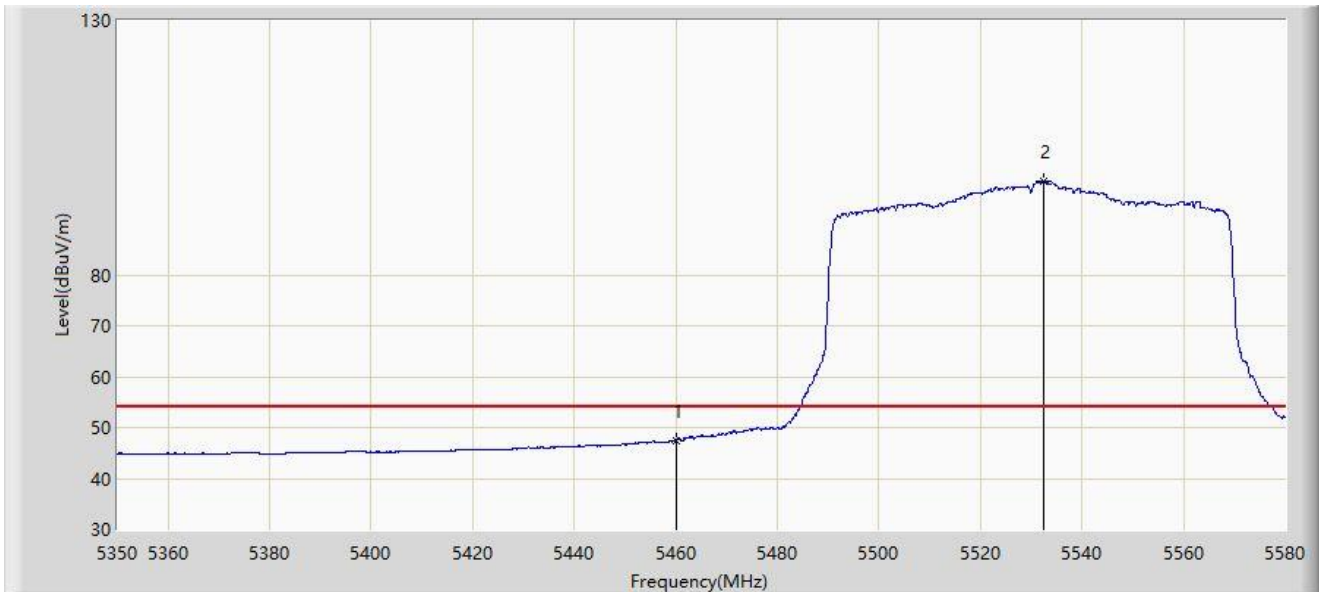
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5458.675	60.016	57.923	-13.984	74.000	2.093	PK
2		5460.000	59.846	57.739	-14.154	74.000	2.108	PK
3	*	5467.875	61.943	59.753	-6.257	68.200	2.189	PK
4		5470.000	59.674	57.462	-8.526	68.200	2.212	PK
5		5531.240	108.696	106.602	N/A	N/A	2.094	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



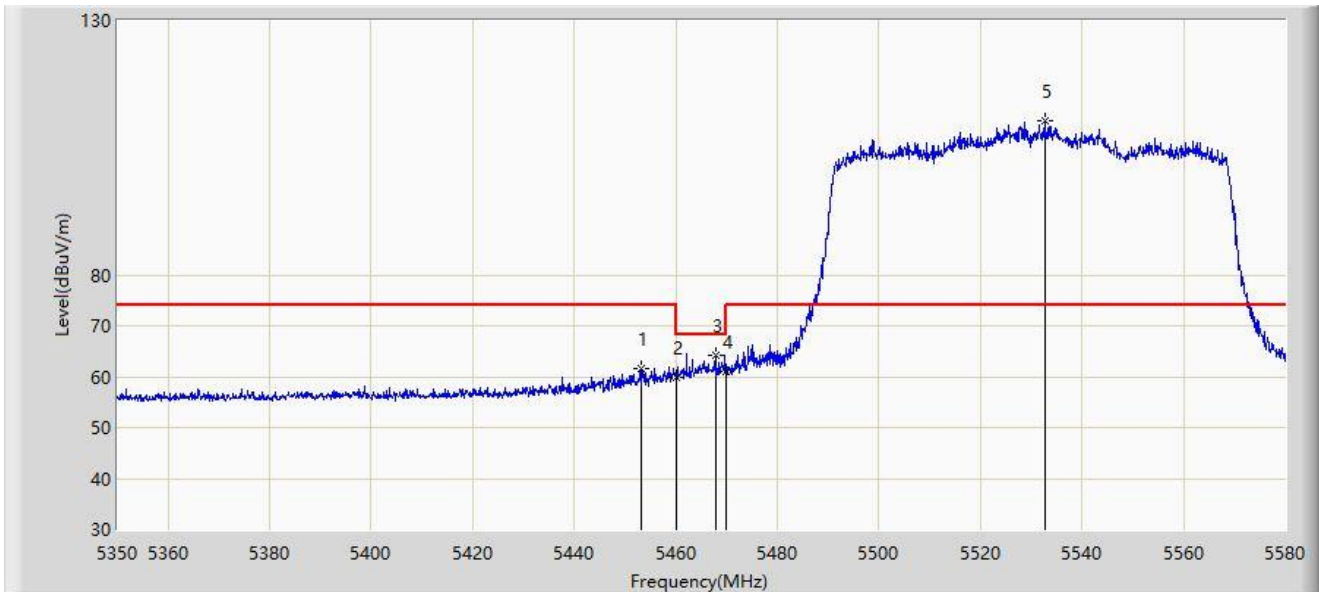
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	47.521	45.414	-6.479	54.000	2.108	AV
2		5532.390	98.403	96.280	N/A	N/A	2.123	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



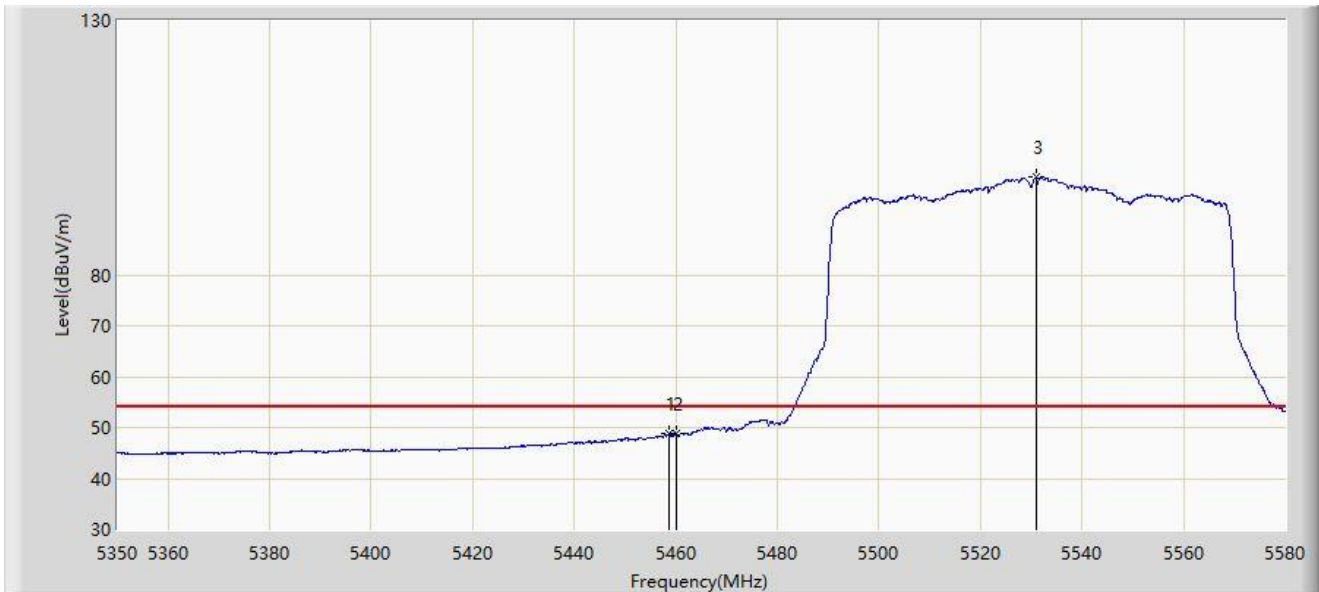
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5453.040	61.607	59.548	-12.393	74.000	2.058	PK
2		5460.000	59.910	57.803	-14.090	74.000	2.108	PK
3	*	5467.875	64.075	61.885	-4.125	68.200	2.189	PK
4		5470.000	61.157	58.945	-7.043	68.200	2.212	PK
5		5532.620	110.326	108.197	N/A	N/A	2.129	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



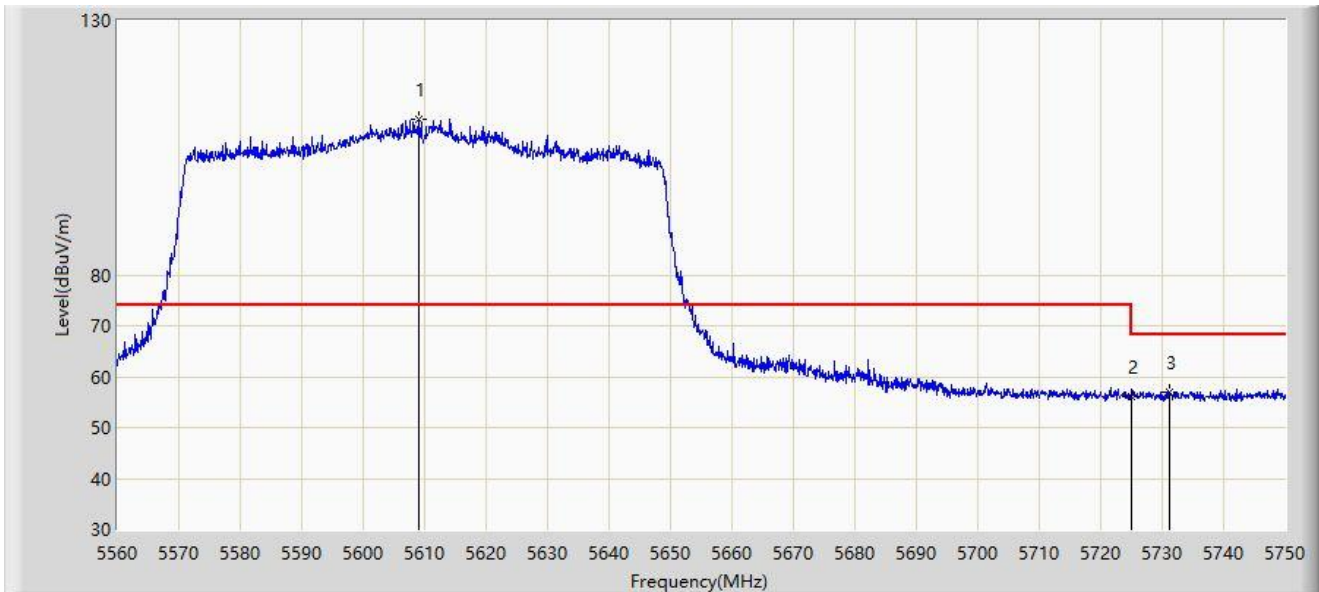
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5458.675	48.826	46.733	-5.174	54.000	2.093	AV
2		5460.000	48.753	46.646	-5.247	54.000	2.108	AV
3		5530.895	99.163	97.078	N/A	N/A	2.085	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5610MHz	



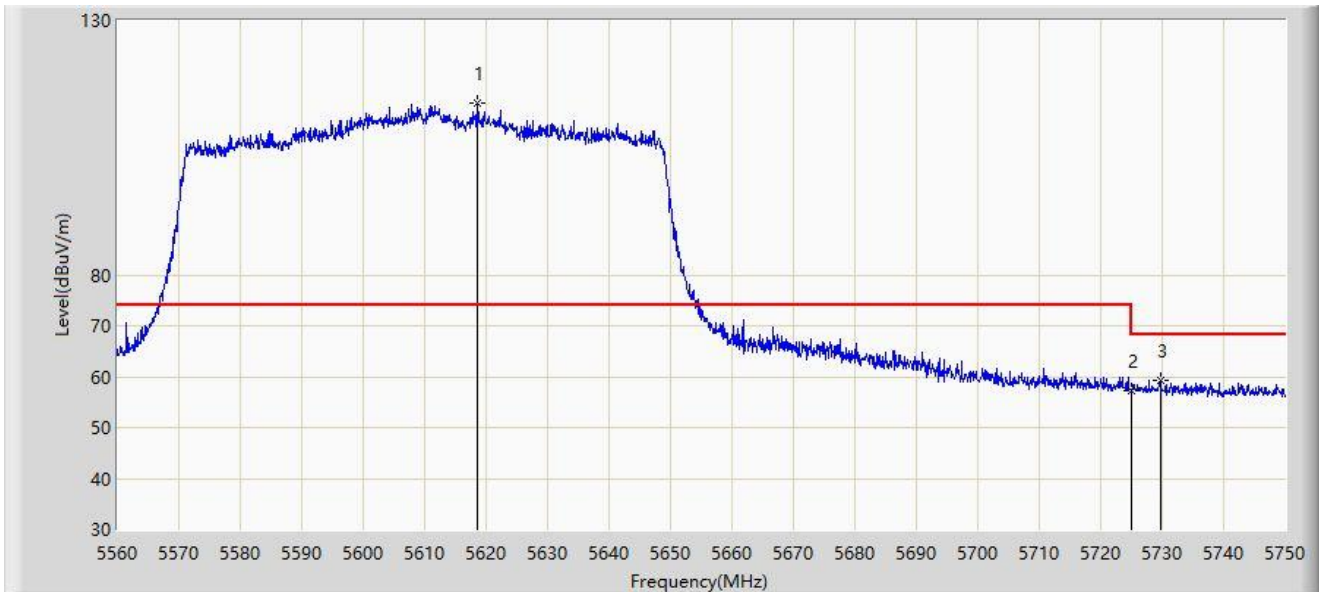
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5609.115	110.713	108.292	N/A	N/A	2.421	PK
2		5725.000	55.975	53.131	-12.225	68.200	2.844	PK
3	*	5731.095	56.877	53.973	-11.323	68.200	2.903	PK

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5610MHz	



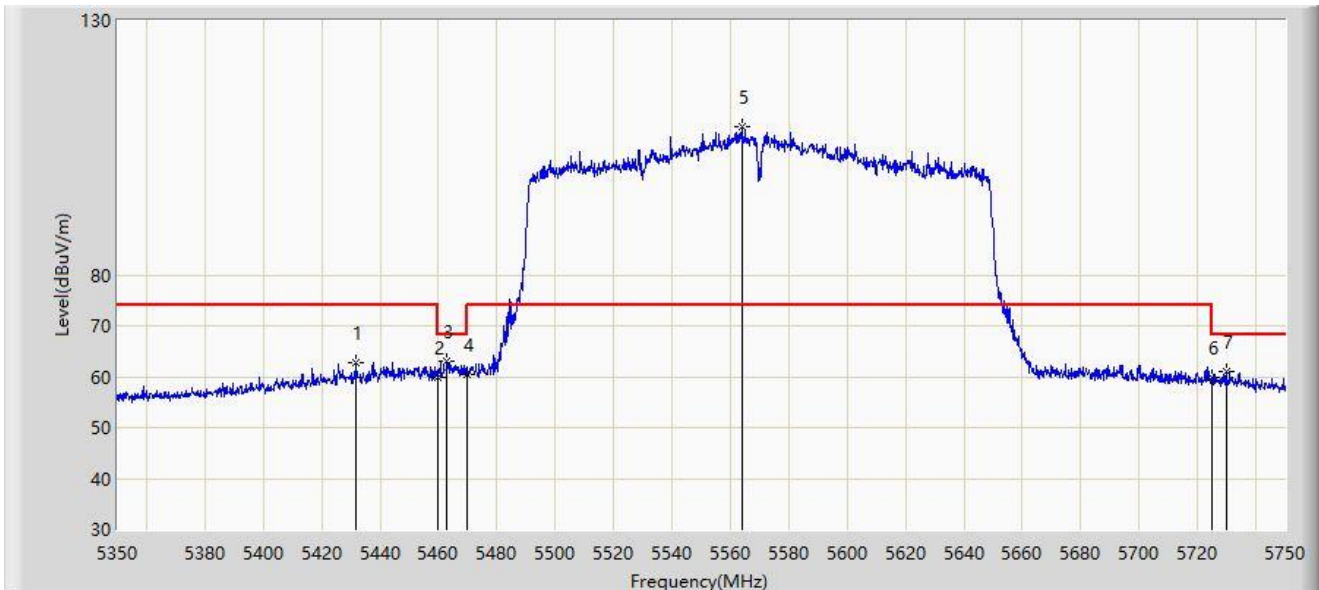
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5618.520	113.879	111.480	N/A	N/A	2.398	PK
2		5725.000	57.136	54.292	-11.064	68.200	2.844	PK
3	*	5729.670	59.401	56.512	-8.799	68.200	2.889	PK

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



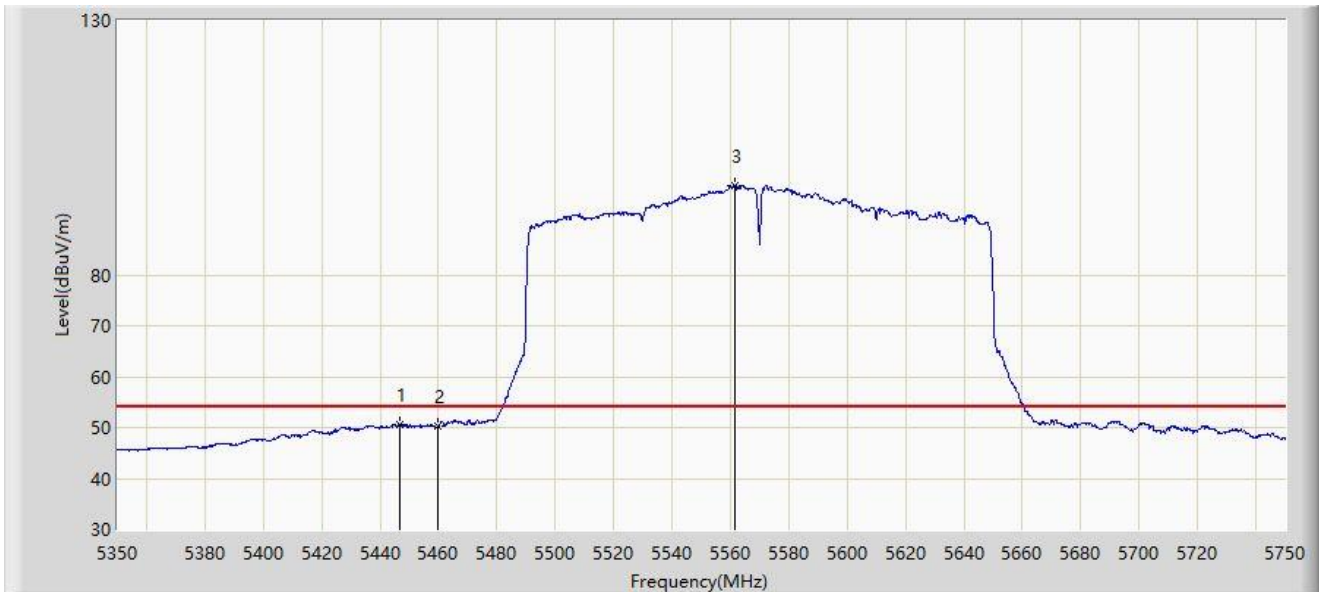
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5431.800	62.660	60.412	-11.340	74.000	2.248	PK
2		5460.000	59.984	57.877	-14.016	74.000	2.108	PK
3	*	5463.000	62.961	60.822	-5.239	68.200	2.138	PK
4		5470.000	60.321	58.109	-7.879	68.200	2.212	PK
5		5563.800	109.140	106.623	N/A	N/A	2.517	PK
6		5725.000	59.785	56.941	-8.415	68.200	2.844	PK
7		5729.800	60.961	58.070	-7.239	68.200	2.891	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



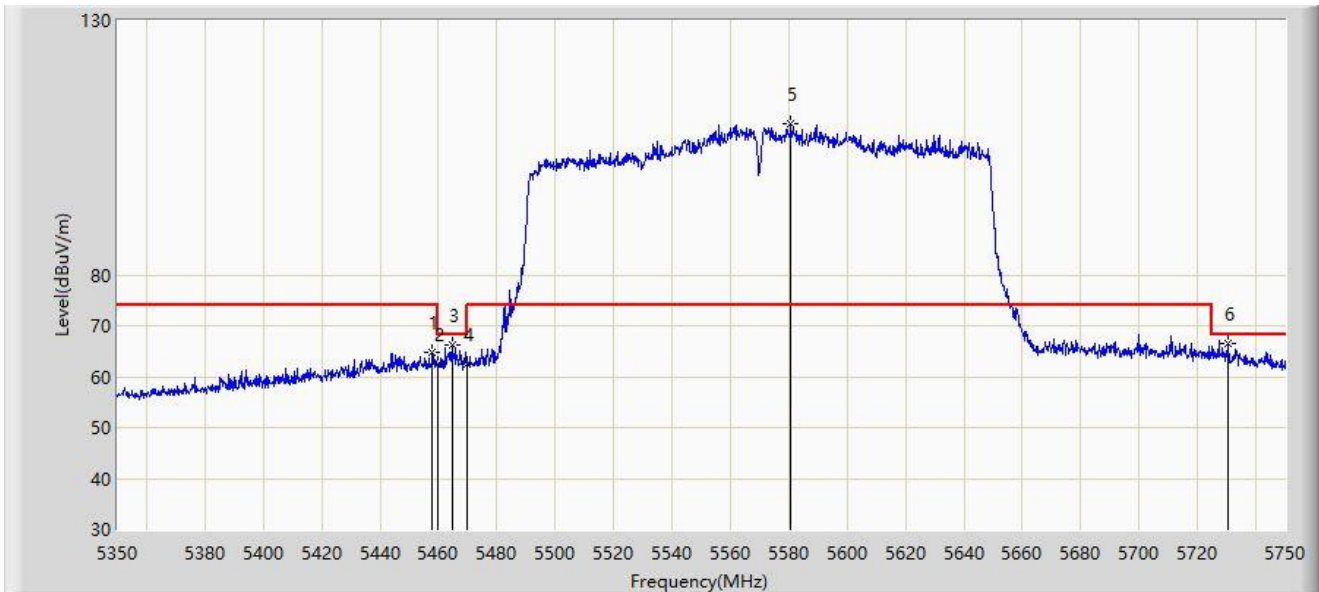
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5446.800	50.621	48.466	-3.379	54.000	2.155	AV
2		5460.000	50.266	48.159	-3.734	54.000	2.108	AV
3		5561.600	97.679	95.157	N/A	N/A	2.521	AV

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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



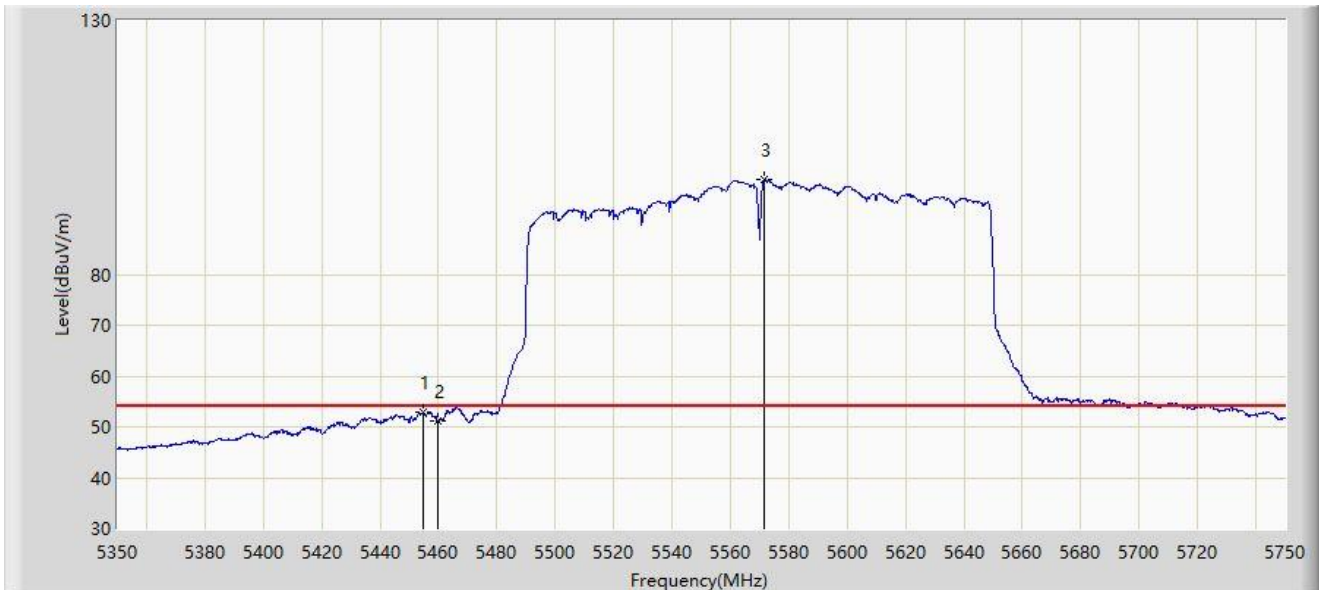
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5457.800	64.768	62.684	-9.232	74.000	2.084	PK
2		5460.000	62.446	60.339	-11.554	74.000	2.108	PK
3		5464.600	66.272	64.116	-1.928	68.200	2.156	PK
4		5470.000	62.493	60.281	-5.707	68.200	2.212	PK
5		5580.800	109.739	107.371	N/A	N/A	2.367	PK
6	*	5730.400	66.639	63.742	-1.561	68.200	2.897	PK
7		54725.000	63.128	36.573	NaN	NaN	26.555	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: 2023-08-28
Limit: FCC_5G_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5454.800	52.867	50.815	-1.133	54.000	2.052	AV
2		5460.000	51.093	48.986	-2.907	54.000	2.108	AV
3		5571.800	98.823	96.322	N/A	N/A	2.502	AV

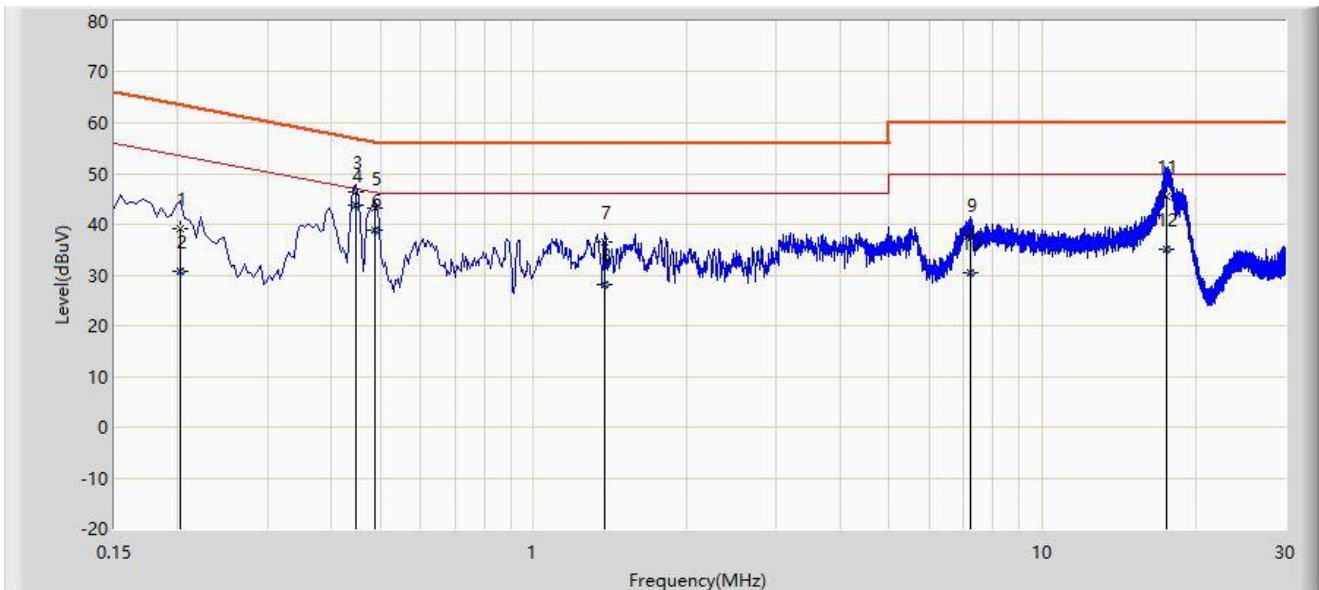
Note 1: " * ", means this data is the worst emission level.

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).

A.7 AC Conducted Emissions Test Result

Site: NS-SR2	Test Date: 2023-08-31
Temperature: 24.3°C	Humidity: 60.6%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-E	Polarity: Line
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5550MHz	



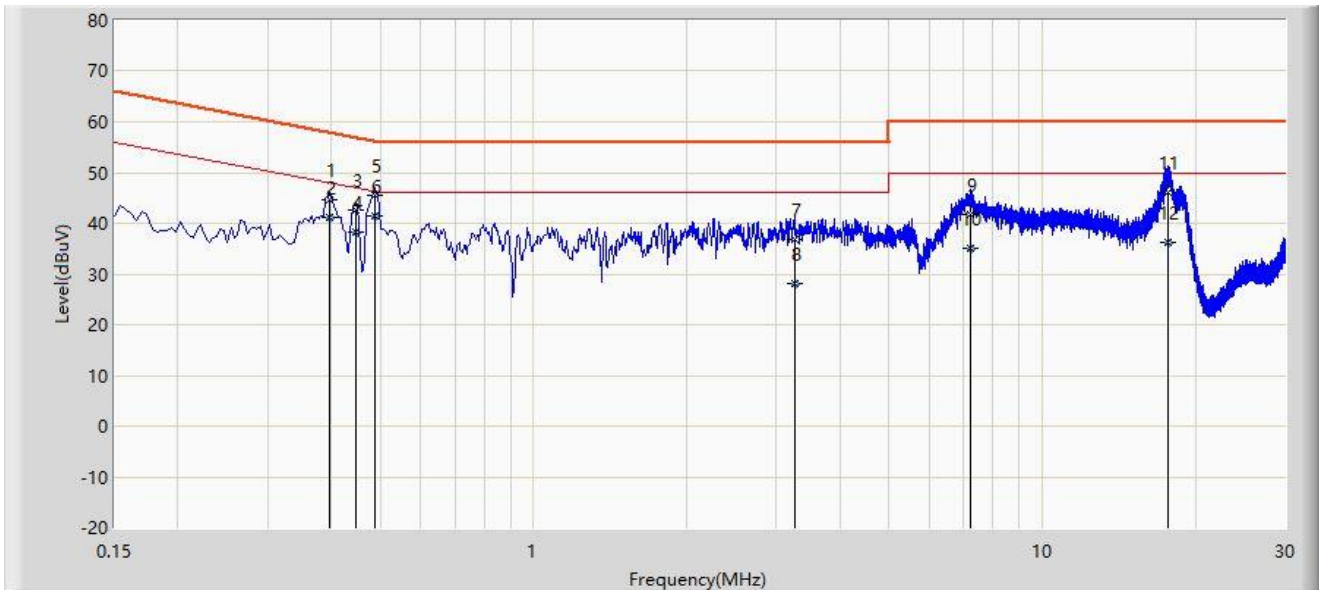
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.202	39.034	29.232	-24.494	63.528	9.802	QP
2		0.202	30.744	20.943	-22.783	53.528	9.802	AV
3		0.446	46.414	36.582	-10.535	56.949	9.832	QP
4	*	0.446	43.795	33.963	-3.155	46.949	9.832	AV
5		0.486	43.223	33.387	-13.013	56.236	9.837	QP
6		0.486	38.924	29.087	-7.312	46.236	9.837	AV
7		1.382	36.574	26.591	-19.426	56.000	9.984	QP
8		1.382	28.000	18.017	-18.000	46.000	9.984	AV
9		7.214	37.875	26.662	-22.125	60.000	11.214	QP
10		7.214	30.395	19.181	-19.605	50.000	11.214	AV
11		17.589	45.550	34.013	-14.450	60.000	11.537	QP
12		17.589	34.999	23.463	-15.001	50.000	11.537	AV

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

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: NS-SR2	Test Date: 2023-08-31
Temperature: 24.3°C	Humidity: 60.6%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_0.15MHz~30MHz-E	Polarity: Neutral
EUT: AX3000 Whole Home Mesh Wi-Fi 6 AP with PoE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5550MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.398	44.629	34.774	-13.266	57.895	9.854	QP
2		0.398	41.055	31.200	-6.840	47.895	9.854	AV
3		0.446	42.629	32.768	-14.320	56.949	9.862	QP
4		0.446	38.238	28.377	-8.711	46.949	9.862	AV
5		0.486	45.425	35.559	-10.811	56.236	9.867	QP
6	*	0.486	41.467	31.601	-4.769	46.236	9.867	AV
7		3.254	36.887	26.572	-19.113	56.000	10.315	QP
8		3.254	28.236	17.921	-17.764	46.000	10.315	AV
9		7.226	41.811	31.101	-18.189	60.000	10.710	QP
10		7.226	34.929	24.219	-15.071	50.000	10.710	AV
11		17.706	46.152	34.737	-13.848	60.000	11.415	QP
12		17.706	36.260	24.845	-13.740	50.000	11.415	AV

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

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B – Test Setup Photograph

Refer to “2308RSU061-UT” file.

Appendix C – EUT Photograph

Refer to “2308RSU061-UE” file.

_____ The End _____