Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9993.0	47.9	-2.2	45.7	68.2	-22.5	Peak	Horizontal
	12041.5	48.1	-2.8	45.3	74.0	-28.7	Peak	Horizontal
*	14141.0	46.4	2.2	48.6	68.2	-19.6	Peak	Horizontal
	15654.0	46.6	4.1	50.7	74.0	-23.3	Peak	Horizontal
*	10112.0	48.1	-2.5	45.6	68.2	-22.6	Peak	Vertical
	12211.5	48.6	-2.8	45.8	74.0	-28.2	Peak	Vertical
*	14175.0	47.3	2.6	49.9	68.2	-18.3	Peak	Vertical
	15679.5	46.2	4.1	50.3	74.0	-23.7	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10537.0	49.6	-2.8	46.8	68.2	-21.4	Peak	Horizontal
	11591.0	47.8	-2.9	44.9	74.0	-29.1	Peak	Horizontal
*	14013.5	46.8	2.0	48.8	68.2	-19.4	Peak	Horizontal
	15467.0	45.5	4.0	49.5	74.0	-24.5	Peak	Horizontal
*	10537.0	49.9	-2.8	47.1	68.2	-21.1	Peak	Vertical
	11616.5	48.3	-3.0	45.3	74.0	-28.7	Peak	Vertical
*	14056.0	47.1	2.2	49.3	68.2	-18.9	Peak	Vertical
	15960.0	45.8	4.4	50.2	74.0	-23.8	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10112.0	47.4	-2.5	44.9	68.2	-23.3	Peak	Horizontal
	11897.0	48.0	-2.8	45.2	74.0	-28.8	Peak	Horizontal
*	14149.5	47.2	2.2	49.4	68.2	-18.8	Peak	Horizontal
	15475.5	45.6	4.1	49.7	74.0	-24.3	Peak	Horizontal
*	9763.5	47.9	-2.7	45.2	68.2	-23.0	Peak	Vertical
	10622.0	49.2	-2.4	46.8	74.0	-27.2	Peak	Vertical
*	14047.5	47.0	2.1	49.1	68.2	-19.1	Peak	Vertical
	15433.0	45.7	4.2	49.9	74.0	-24.1	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10239.5	48.0	-2.4	45.6	68.2	-22.6	Peak	Horizontal
	11021.5	49.4	-2.5	46.9	74.0	-27.1	Peak	Horizontal
*	14166.5	46.9	2.4	49.3	68.2	-18.9	Peak	Horizontal
	15492.5	45.9	4.0	49.9	74.0	-24.1	Peak	Horizontal
*	10001.5	48.0	-2.2	45.8	68.2	-22.4	Peak	Vertical
	12407.0	48.1	-2.3	45.8	74.0	-28.2	Peak	Vertical
*	13979.5	45.5	1.9	47.4	68.2	-20.8	Peak	Vertical
	15560.5	44.9	4.2	49.1	74.0	-24.9	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10018.5	47.7	-2.2	45.5	68.2	-22.7	Peak	Horizontal
	11710.0	48.7	-3.2	45.5	74.0	-28.5	Peak	Horizontal
*	14158.0	47.2	2.3	49.5	68.2	-18.7	Peak	Horizontal
	15696.5	45.7	4.1	49.8	74.0	-24.2	Peak	Horizontal
*	10273.5	47.6	-2.4	45.2	68.2	-23.0	Peak	Vertical
	11922.5	48.8	-3.0	45.8	74.0	-28.2	Peak	Vertical
*	14073.0	46.9	2.1	49.0	68.2	-19.2	Peak	Vertical
	15560.5	44.6	4.2	48.8	74.0	-25.2	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	9967.5	48.1	-2.1	46.0	68.2	-22.2	Peak	Horizontal
	11378.5	45.8	-2.9	42.9	74.0	-31.1	Peak	Horizontal
*	14217.5	46.2	2.4	48.6	68.2	-19.6	Peak	Horizontal
	15671.0	45.5	4.2	49.7	74.0	-24.3	Peak	Horizontal
*	10154.5	47.4	-2.5	44.9	68.2	-23.3	Peak	Vertical
	11336.0	50.3	-2.8	47.5	74.0	-26.5	Peak	Vertical
*	14158.0	46.4	2.3	48.7	68.2	-19.5	Peak	Vertical
	15662.5	45.1	4.1	49.2	74.0	-24.8	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10001.5	47.8	-2.2	45.6	68.2	-22.6	Peak	Horizontal
	11421.0	48.6	-2.8	45.8	74.0	-28.2	Peak	Horizontal
*	14243.0	46.6	2.6	49.2	68.2	-19.0	Peak	Horizontal
	15645.5	45.5	4.1	49.6	74.0	-24.4	Peak	Horizontal
*	10129.0	48.2	-2.8	45.4	68.2	-22.8	Peak	Vertical
	11421.0	49.0	-2.8	46.2	74.0	-27.8	Peak	Vertical
*	14217.5	47.8	2.4	50.2	68.2	-18.0	Peak	Vertical
	15722.0	45.7	3.9	49.6	74.0	-24.4	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10069.5	47.7	-2.3	45.4	68.2	-22.8	Peak	Horizontal
	11123.5	48.7	-2.6	46.1	74.0	-27.9	Peak	Horizontal
*	14064.5	46.8	2.2	49.0	68.2	-19.2	Peak	Horizontal
	15756.0	46.1	3.8	49.9	74.0	-24.1	Peak	Horizontal
*	10010.0	47.2	-2.3	44.9	68.2	-23.3	Peak	Vertical
	11506.0	49.4	-3.1	46.3	74.0	-27.7	Peak	Vertical
*	13911.5	47.2	1.6	48.8	68.2	-19.4	Peak	Vertical
	15807.0	45.2	3.8	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9993.0	47.0	-2.2	44.8	68.2	-23.4	Peak	Horizontal
	11591.0	49.1	-2.9	46.2	74.0	-27.8	Peak	Horizontal
*	14243.0	47.1	2.6	49.7	68.2	-18.5	Peak	Horizontal
	16036.5	46.6	4.3	50.9	74.0	-23.1	Peak	Horizontal
*	9925.0	47.7	-2.5	45.2	68.2	-23.0	Peak	Vertical
	11591.0	49.3	-2.9	46.4	74.0	-27.6	Peak	Vertical
	15662.5	45.4	4.1	49.5	74.0	-24.5	Peak	Vertical
*	17371.0	53.0	5.8	58.8	68.2	-9.4	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9678.5	48.6	-2.7	45.9	68.2	-22.3	Peak	Horizontal
	11744.0	48.8	-3.2	45.6	74.0	-28.4	Peak	Horizontal
*	14090.0	46.6	2.2	48.8	68.2	-19.4	Peak	Horizontal
	15773.0	46.5	4.0	50.5	74.0	-23.5	Peak	Horizontal
*	10418.0	50.2	-2.6	47.6	68.2	-20.6	Peak	Vertical
	11353.0	48.3	-2.8	45.5	74.0	-28.5	Peak	Vertical
*	14039.0	46.2	2.1	48.3	68.2	-19.9	Peak	Vertical
	15492.5	45.9	4.0	49.9	74.0	-24.1	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10579.5	50.6	-2.3	48.3	68.2	-19.9	Peak	Horizontal
	11905.5	48.6	-2.8	45.8	74.0	-28.2	Peak	Horizontal
*	14005.0	46.8	2.1	48.9	68.2	-19.3	Peak	Horizontal
	15484.0	45.9	4.2	50.1	74.0	-23.9	Peak	Horizontal
*	10579.5	49.8	-2.3	47.5	68.2	-20.7	Peak	Vertical
	11242.5	48.4	-2.6	45.8	74.0	-28.2	Peak	Vertical
*	14268.5	46.9	2.1	49.0	68.2	-19.2	Peak	Vertical
	15705.0	45.2	4.3	49.5	74.0	-24.5	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	9959.0	46.9	-2.1	44.8	68.2	-23.4	Peak	Horizontal
	11064.0	48.9	-2.8	46.1	74.0	-27.9	Peak	Horizontal
*	13979.5	46.4	1.9	48.3	68.2	-19.9	Peak	Horizontal
	15671.0	46.1	4.2	50.3	74.0	-23.7	Peak	Horizontal
*	10112.0	47.4	-2.5	44.9	68.2	-23.3	Peak	Vertical
	11064.0	49.3	-2.8	46.5	74.0	-27.5	Peak	Vertical
*	14158.0	46.6	2.3	48.9	68.2	-19.3	Peak	Vertical
	15450.0	45.4	4.1	49.5	74.0	-24.5	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	9678.5	49.0	-2.7	46.3	68.2	-21.9	Peak	Horizontal
	11956.5	49.2	-2.9	46.3	74.0	-27.7	Peak	Horizontal
*	14217.5	47.2	2.4	49.6	68.2	-18.6	Peak	Horizontal
	16113.0	46.1	4.5	50.6	74.0	-23.4	Peak	Horizontal
*	10409.5	48.1	-2.4	45.7	68.2	-22.5	Peak	Vertical
	12305.0	48.7	-2.5	46.2	74.0	-27.8	Peak	Vertical
*	14124.0	46.8	2.2	49.0	68.2	-19.2	Peak	Vertical
	15773.0	46.0	4.0	50.0	74.0	-24.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10010.0	47.4	-2.3	45.1	68.2	-23.1	Peak	Horizontal
	11361.5	48.6	-2.7	45.9	74.0	-28.1	Peak	Horizontal
*	15297.0	46.6	4.3	50.9	68.2	-17.3	Peak	Horizontal
	15892.0	45.7	4.2	49.9	74.0	-24.1	Peak	Horizontal
*	10222.5	48.3	-2.4	45.9	68.2	-22.3	Peak	Vertical
	11378.5	49.8	-2.9	46.9	74.0	-27.1	Peak	Vertical
*	14039.0	47.2	2.1	49.3	68.2	-18.9	Peak	Vertical
	15671.0	45.7	4.2	49.9	74.0	-24.1	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ac-VHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9644.5	48.4	-2.8	45.6	68.2	-22.6	Peak	Horizontal
	11463.5	48.8	-3.0	45.8	74.0	-28.2	Peak	Horizontal
*	14081.5	46.7	2.2	48.9	68.2	-19.3	Peak	Horizontal
	15569.0	45.2	4.4	49.6	74.0	-24.4	Peak	Horizontal
*	10401.0	48.3	-2.3	46.0	68.2	-22.2	Peak	Vertical
	11548.5	49.5	-3.3	46.2	74.0	-27.8	Peak	Vertical
*	14141.0	47.9	2.2	50.1	68.2	-18.1	Peak	Vertical
	15492.5	46.4	4.0	50.4	74.0	-23.6	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9865.5	47.3	-2.5	44.8	68.2	-23.4	Peak	Horizontal
	11616.5	48.4	-3.0	45.4	74.0	-28.6	Peak	Horizontal
*	14132.5	47.3	2.2	49.5	68.2	-18.7	Peak	Horizontal
	15705.0	45.3	4.3	49.6	74.0	-24.4	Peak	Horizontal
*	10358.5	48.1	-2.5	45.6	68.2	-22.6	Peak	Vertical
	11786.5	49.2	-3.2	46.0	74.0	-28.0	Peak	Vertical
*	14107.0	47.2	2.2	49.4	68.2	-18.8	Peak	Vertical
	15883.5	46.6	4.2	50.8	74.0	-23.2	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10443.5	49.5	-2.7	46.8	68.2	-21.4	Peak	Horizontal
	11735.5	46.7	-3.1	43.6	74.0	-30.4	Peak	Horizontal
*	14073.0	46.7	2.1	48.8	68.2	-19.4	Peak	Horizontal
	15679.5	46.5	4.1	50.6	74.0	-23.4	Peak	Horizontal
*	10443.5	51.5	-2.7	48.8	68.2	-19.4	Peak	Vertical
	11625.0	48.8	-3.0	45.8	74.0	-28.2	Peak	Vertical
*	14056.0	46.5	2.2	48.7	68.2	-19.5	Peak	Vertical
	15705.0	46.5	4.3	50.8	74.0	-23.2	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10477.5	48.8	-2.4	46.4	68.2	-21.8	Peak	Horizontal
	11820.5	48.8	-3.3	45.5	74.0	-28.5	Peak	Horizontal
*	14115.5	47.0	2.2	49.2	68.2	-19.0	Peak	Horizontal
	15441.5	46.0	4.1	50.1	74.0	-23.9	Peak	Horizontal
*	10477.5	50.0	-2.4	47.6	68.2	-20.6	Peak	Vertical
	12500.5	49.6	-2.4	47.2	74.0	-26.8	Peak	Vertical
*	14039.0	47.3	2.1	49.4	68.2	-18.8	Peak	Vertical
	16096.0	46.0	4.3	50.3	74.0	-23.7	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	9959.0	48.1	-2.1	46.0	68.2	-22.2	Peak	Horizontal
	12271.0	48.7	-2.7	46.0	74.0	-28.0	Peak	Horizontal
*	14166.5	46.5	2.4	48.9	68.2	-19.3	Peak	Horizontal
	15849.5	45.8	4.1	49.9	74.0	-24.1	Peak	Horizontal
*	10520.0	50.0	-2.7	47.3	68.2	-20.9	Peak	Vertical
	11795.0	48.4	-3.2	45.2	74.0	-28.8	Peak	Vertical
*	14158.0	46.6	2.3	48.9	68.2	-19.3	Peak	Vertical
	15458.5	45.5	4.1	49.6	74.0	-24.4	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10596.5	49.8	-2.2	47.6	68.2	-20.6	Peak	Horizontal
	12135.0	49.0	-3.1	45.9	74.0	-28.1	Peak	Horizontal
*	14039.0	47.4	2.1	49.5	68.2	-18.7	Peak	Horizontal
	15441.5	47.1	4.1	51.2	74.0	-22.8	Peak	Horizontal
	15441.5	36.5	4.1	40.6	54.0	-13.4	Average	Horizontal
*	10596.5	49.4	-2.2	47.2	68.2	-21.0	Peak	Vertical
	12398.5	49.0	-2.5	46.5	74.0	-27.5	Peak	Vertical
*	14217.5	46.7	2.4	49.1	68.2	-19.1	Peak	Vertical
	15577.5	45.9	4.3	50.2	74.0	-23.8	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10239.5	47.6	-2.4	45.2	68.2	-23.0	Peak	Horizontal
	11438.0	48.9	-2.7	46.2	74.0	-27.8	Peak	Horizontal
*	14149.5	47.3	2.2	49.5	68.2	-18.7	Peak	Horizontal
	15382.0	46.3	4.4	50.7	74.0	-23.3	Peak	Horizontal
*	9959.0	47.6	-2.1	45.5	68.2	-22.7	Peak	Vertical
	12075.5	48.9	-2.8	46.1	74.0	-27.9	Peak	Vertical
*	14217.5	46.5	2.4	48.9	68.2	-19.3	Peak	Vertical
	15662.5	46.3	4.1	50.4	74.0	-23.6	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10044.0	47.2	-1.9	45.3	68.2	-22.9	Peak	Horizontal
	11064.0	49.1	-2.8	46.3	74.0	-27.7	Peak	Horizontal
*	14047.5	48.2	2.1	50.3	68.2	-17.9	Peak	Horizontal
	15875.0	46.5	4.1	50.6	74.0	-23.4	Peak	Horizontal
*	10154.5	48.4	-2.5	45.9	68.2	-22.3	Peak	Vertical
	10996.0	48.9	-2.5	46.4	74.0	-27.6	Peak	Vertical
*	14183.5	46.7	2.5	49.2	68.2	-19.0	Peak	Vertical
	15756.0	46.8	3.8	50.6	74.0	-23.4	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10069.5	47.8	-2.3	45.5	68.2	-22.7	Peak	Horizontal
	11905.5	49.0	-2.8	46.2	74.0	-27.8	Peak	Horizontal
*	14047.5	46.8	2.1	48.9	68.2	-19.3	Peak	Horizontal
	15696.5	46.3	4.1	50.4	74.0	-23.6	Peak	Horizontal
*	9644.5	48.0	-2.8	45.2	68.2	-23.0	Peak	Vertical
	11157.5	48.1	-2.7	45.4	74.0	-28.6	Peak	Vertical
*	14132.5	46.7	2.2	48.9	68.2	-19.3	Peak	Vertical
	15611.5	46.7	4.2	50.9	74.0	-23.1	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10129.0	49.5	-2.8	46.7	68.2	-21.5	Peak	Horizontal
	11497.5	48.9	-3.2	45.7	74.0	-28.3	Peak	Horizontal
*	14056.0	46.6	2.2	48.8	68.2	-19.4	Peak	Horizontal
	15832.5	46.3	3.9	50.2	74.0	-23.8	Peak	Horizontal
*	10163.0	47.9	-2.3	45.6	68.2	-22.6	Peak	Vertical
	11404.0	49.8	-3.0	46.8	74.0	-27.2	Peak	Vertical
*	14081.5	46.8	2.2	49.0	68.2	-19.2	Peak	Vertical
	15866.5	46.3	4.1	50.4	74.0	-23.6	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10069.5	47.3	-2.3	45.0	68.2	-23.2	Peak	Horizontal
	10775.0	48.8	-2.4	46.4	74.0	-27.6	Peak	Horizontal
*	14056.0	47.1	2.2	49.3	68.2	-18.9	Peak	Horizontal
	15637.0	45.2	4.0	49.2	74.0	-24.8	Peak	Horizontal
*	10010.0	47.6	-2.3	45.3	68.2	-22.9	Peak	Vertical
	11438.0	50.2	-2.7	47.5	74.0	-26.5	Peak	Vertical
*	14166.5	47.3	2.4	49.7	68.2	-18.5	Peak	Vertical
	15883.5	45.8	4.2	50.0	74.0	-24.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10010.0	47.5	-2.3	45.2	68.2	-23.0	Peak	Horizontal
	11769.5	49.2	-3.2	46.0	74.0	-28.0	Peak	Horizontal
*	14166.5	47.2	2.4	49.6	68.2	-18.6	Peak	Horizontal
	16053.5	46.3	4.4	50.7	74.0	-23.3	Peak	Horizontal
*	10231.0	47.5	-2.3	45.2	68.2	-23.0	Peak	Vertical
	11489.0	50.7	-3.2	47.5	74.0	-26.5	Peak	Vertical
	15841.0	46.0	4.0	50.0	74.0	-24.0	Peak	Vertical
*	17243.5	56.3	5.6	61.9	68.2	-6.3	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10027.0	47.7	-2.2	45.5	68.2	-22.7	Peak	Horizontal
	11565.5	49.4	-3.2	46.2	74.0	-27.8	Peak	Horizontal
*	14209.0	46.5	2.4	48.9	68.2	-19.3	Peak	Horizontal
	16036.5	45.7	4.3	50.0	74.0	-24.0	Peak	Horizontal
*	10035.5	47.4	-2.1	45.3	68.2	-22.9	Peak	Vertical
	11574.0	50.4	-3.2	47.2	74.0	-26.8	Peak	Vertical
	15671.0	46.2	4.2	50.4	74.0	-23.6	Peak	Vertical
*	17354.0	58.6	6.1	64.7	68.2	-3.5	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10044.0	46.9	-1.9	45.0	68.2	-23.2	Peak	Horizontal
	11650.5	49.7	-2.9	46.8	74.0	-27.2	Peak	Horizontal
*	14175.0	46.4	2.6	49.0	68.2	-19.2	Peak	Horizontal
	15671.0	47.2	4.2	51.4	74.0	-22.6	Peak	Horizontal
*	10146.0	48.1	-2.6	45.5	68.2	-22.7	Peak	Vertical
	11650.5	52.0	-2.9	49.1	74.0	-24.9	Peak	Vertical
	15560.5	44.4	4.2	48.6	74.0	-25.4	Peak	Vertical
*	17464.5	56.3	6.4	62.7	68.2	-5.5	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10384.0	48.1	-2.4	45.7	68.2	-22.5	Peak	Horizontal
	11404.0	48.4	-3.0	45.4	74.0	-28.6	Peak	Horizontal
*	14124.0	47.0	2.2	49.2	68.2	-19.0	Peak	Horizontal
	15560.5	44.0	4.2	48.2	74.0	-25.8	Peak	Horizontal
*	9942.0	47.2	-2.2	45.0	68.2	-23.2	Peak	Vertical
	11132.0	47.8	-2.6	45.2	74.0	-28.8	Peak	Vertical
*	14319.5	47.7	1.9	49.6	68.2	-18.6	Peak	Vertical
	15960.0	46.1	4.4	50.5	74.0	-23.5	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10460.5	48.8	-2.6	46.2	68.2	-22.0	Peak	Horizontal
	11149.0	48.8	-2.6	46.2	74.0	-27.8	Peak	Horizontal
*	14209.0	46.9	2.4	49.3	68.2	-18.9	Peak	Horizontal
	15960.0	45.8	4.4	50.2	74.0	-23.8	Peak	Horizontal
*	10460.5	48.8	-2.6	46.2	68.2	-22.0	Peak	Vertical
	11633.5	48.7	-3.0	45.7	74.0	-28.3	Peak	Vertical
*	14005.0	46.9	2.1	49.0	68.2	-19.2	Peak	Vertical
	15662.5	45.2	4.1	49.3	74.0	-24.7	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10537.0	49.7	-2.8	46.9	68.2	-21.3	Peak	Horizontal
	11319.0	48.5	-2.7	45.8	74.0	-28.2	Peak	Horizontal
*	14090.0	46.9	2.2	49.1	68.2	-19.1	Peak	Horizontal
	15475.5	45.9	4.1	50.0	74.0	-24.0	Peak	Horizontal
*	10171.5	47.8	-2.5	45.3	68.2	-22.9	Peak	Vertical
	11820.5	48.7	-3.3	45.4	74.0	-28.6	Peak	Vertical
*	14260.0	46.7	2.4	49.1	68.2	-19.1	Peak	Vertical
	15679.5	46.2	4.1	50.3	74.0	-23.7	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10103.5	48.0	-2.5	45.5	68.2	-22.7	Peak	Horizontal
	11897.0	48.0	-2.8	45.2	74.0	-28.8	Peak	Horizontal
*	14149.5	46.4	2.2	48.6	68.2	-19.6	Peak	Horizontal
	15764.5	46.2	3.9	50.1	74.0	-23.9	Peak	Horizontal
*	10562.5	49.2	-2.5	46.7	68.2	-21.5	Peak	Vertical
	11234.0	48.4	-2.5	45.9	74.0	-28.1	Peak	Vertical
*	14234.5	46.4	2.5	48.9	68.2	-19.3	Peak	Vertical
	15747.5	45.3	3.7	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10239.5	48.5	-2.4	46.1	68.2	-22.1	Peak	Horizontal
	11429.5	49.0	-2.8	46.2	74.0	-27.8	Peak	Horizontal
*	14039.0	47.9	2.1	50.0	68.2	-18.2	Peak	Horizontal
	15688.0	46.2	4.0	50.2	74.0	-23.8	Peak	Horizontal
*	9993.0	47.0	-2.2	44.8	68.2	-23.4	Peak	Vertical
	11914.0	48.4	-2.8	45.6	74.0	-28.4	Peak	Vertical
*	14064.5	46.8	2.2	49.0	68.2	-19.2	Peak	Vertical
	15985.5	46.0	4.4	50.4	74.0	-23.6	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10231.0	47.7	-2.3	45.4	68.2	-22.8	Peak	Horizontal
	11098.0	49.6	-2.7	46.9	74.0	-27.1	Peak	Horizontal
*	14149.5	46.6	2.2	48.8	68.2	-19.4	Peak	Horizontal
	15875.0	45.7	4.1	49.8	74.0	-24.2	Peak	Horizontal
*	9942.0	47.5	-2.2	45.3	68.2	-22.9	Peak	Vertical
	11106.5	49.0	-2.7	46.3	74.0	-27.7	Peak	Vertical
*	14914.5	46.9	3.1	50.0	68.2	-18.2	Peak	Vertical
	15492.5	45.3	4.0	49.3	74.0	-24.7	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	9695.5	48.4	-2.9	45.5	68.2	-22.7	Peak	Horizontal
	11336.0	49.4	-2.8	46.6	74.0	-27.4	Peak	Horizontal
*	14064.5	46.4	2.2	48.6	68.2	-19.6	Peak	Horizontal
	16079.0	45.6	4.4	50.0	74.0	-24.0	Peak	Horizontal
*	10027.0	47.6	-2.2	45.4	68.2	-22.8	Peak	Vertical
	11336.0	50.0	-2.8	47.2	74.0	-26.8	Peak	Vertical
*	14217.5	46.3	2.4	48.7	68.2	-19.5	Peak	Vertical
	15441.5	45.8	4.1	49.9	74.0	-24.1	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10129.0	48.3	-2.8	45.5	68.2	-22.7	Peak	Horizontal
	11421.0	48.6	-2.8	45.8	74.0	-28.2	Peak	Horizontal
*	14183.5	47.1	2.5	49.6	68.2	-18.6	Peak	Horizontal
	15441.5	45.7	4.1	49.8	74.0	-24.2	Peak	Horizontal
*	10494.5	48.2	-2.4	45.8	68.2	-22.4	Peak	Vertical
	11421.0	49.9	-2.8	47.1	74.0	-26.9	Peak	Vertical
*	14217.5	46.9	2.4	49.3	68.2	-18.9	Peak	Vertical
	15467.0	46.2	4.0	50.2	74.0	-23.8	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10367.0	47.7	-2.4	45.3	68.2	-22.9	Peak	Horizontal
	11506.0	50.7	-3.1	47.6	74.0	-26.4	Peak	Horizontal
*	14064.5	46.4	2.2	48.6	68.2	-19.6	Peak	Horizontal
	15492.5	43.8	4.0	47.8	74.0	-26.2	Peak	Horizontal
*	10401.0	47.6	-2.3	45.3	68.2	-22.9	Peak	Vertical
	11506.0	49.5	-3.1	46.4	74.0	-27.6	Peak	Vertical
*	14234.5	46.9	2.5	49.4	68.2	-18.8	Peak	Vertical
	15815.5	45.4	3.8	49.2	74.0	-24.8	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10154.5	48.7	-2.5	46.2	68.2	-22.0	Peak	Horizontal
	11242.5	49.1	-2.6	46.5	74.0	-27.5	Peak	Horizontal
*	14209.0	46.7	2.4	49.1	68.2	-19.1	Peak	Horizontal
	15560.5	43.7	4.2	47.9	74.0	-26.1	Peak	Horizontal
*	9942.0	46.4	-2.2	44.2	68.2	-24.0	Peak	Vertical
	11591.0	49.7	-2.9	46.8	74.0	-27.2	Peak	Vertical
	15484.0	46.2	4.2	50.4	74.0	-23.6	Peak	Vertical
*	17379.5	55.8	5.9	61.7	68.2	-6.5	Peak	Vertical

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

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

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

Test Site	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	10418.0	48.4	-2.6	45.8	68.2	-22.4	Peak	Horizontal
	11701.5	48.3	-3.1	45.2	74.0	-28.8	Peak	Horizontal
*	14234.5	46.9	2.5	49.4	68.2	-18.8	Peak	Horizontal
	15467.0	45.8	4.0	49.8	74.0	-24.2	Peak	Horizontal
*	9644.5	49.5	-2.8	46.7	68.2	-21.5	Peak	Vertical
	11242.5	48.2	-2.6	45.6	74.0	-28.4	Peak	Vertical
*	14073.0	47.5	2.1	49.6	68.2	-18.6	Peak	Vertical
	15679.5	46.1	4.1	50.2	74.0	-23.8	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10579.5	50.4	-2.3	48.1	68.2	-20.1	Peak	Horizontal
	11251.0	48.0	-2.6	45.4	74.0	-28.6	Peak	Horizontal
*	13053.0	48.7	-1.0	47.7	68.2	-20.5	Peak	Horizontal
	15756.0	45.9	3.8	49.7	74.0	-24.3	Peak	Horizontal
*	10579.5	51.2	-2.3	48.9	68.2	-19.3	Peak	Vertical
	11761.0	47.9	-3.1	44.8	74.0	-29.2	Peak	Vertical
*	14234.5	47.2	2.5	49.7	68.2	-18.5	Peak	Vertical
	15798.5	46.0	3.9	49.9	74.0	-24.1	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	10069.5	47.1	-2.3	44.8	68.2	-23.4	Peak	Horizontal
	11514.5	49.0	-3.2	45.8	74.0	-28.2	Peak	Horizontal
*	14234.5	47.0	2.5	49.5	68.2	-18.7	Peak	Horizontal
	15475.5	46.0	4.1	50.1	74.0	-23.9	Peak	Horizontal
*	10435.0	48.7	-2.7	46.0	68.2	-22.2	Peak	Vertical
	11642.0	48.7	-2.9	45.8	74.0	-28.2	Peak	Vertical
*	14166.5	46.3	2.4	48.7	68.2	-19.5	Peak	Vertical
	15509.5	45.5	4.0	49.5	74.0	-24.5	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	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)	Detector	Polarization
*	9959.0	47.3	-2.1	45.2	68.2	-23.0	Peak	Horizontal
	11285.0	48.1	-2.8	45.3	74.0	-28.7	Peak	Horizontal
*	14175.0	46.4	2.6	49.0	68.2	-19.2	Peak	Horizontal
	15892.0	46.0	4.2	50.2	74.0	-23.8	Peak	Horizontal
*	10375.5	47.6	-2.4	45.2	68.2	-23.0	Peak	Vertical
	11217.0	48.9	-2.8	46.1	74.0	-27.9	Peak	Vertical
*	14217.5	46.5	2.4	48.9	68.2	-19.3	Peak	Vertical
	15662.5	46.4	4.1	50.5	74.0	-23.5	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9933.5	47.4	-2.3	45.1	68.2	-23.1	Peak	Horizontal
	11378.5	49.0	-2.9	46.1	74.0	-27.9	Peak	Horizontal
*	14200.5	46.9	2.5	49.4	68.2	-18.8	Peak	Horizontal
	15518.0	45.1	4.2	49.3	74.0	-24.7	Peak	Horizontal
*	10010.0	47.4	-2.3	45.1	68.2	-23.1	Peak	Vertical
	12288.0	48.5	-2.3	46.2	74.0	-27.8	Peak	Vertical
*	14107.0	46.4	2.2	48.6	68.2	-19.6	Peak	Vertical
	15798.5	46.0	3.9	49.9	74.0	-24.1	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	SIP-AC3	Test Engineer	Barry Wu
Test Date	2022-08-29	Test Mode	802.11ax-HE80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10035.5	47.2	-2.1	45.1	68.2	-23.1	Peak	Horizontal
	11582.5	46.9	-3.1	43.8	74.0	-30.2	Peak	Horizontal
*	14115.5	46.7	2.2	48.9	68.2	-19.3	Peak	Horizontal
	15662.5	46.9	4.1	51.0	74.0	-23.0	Peak	Horizontal
*	10426.5	48.6	-2.6	46.0	68.2	-22.2	Peak	Vertical
	11548.5	48.9	-3.3	45.6	74.0	-28.4	Peak	Vertical
*	14217.5	46.7	2.4	49.1	68.2	-19.1	Peak	Vertical
	15841.0	45.9	4.0	49.9	74.0	-24.1	Peak	Vertical

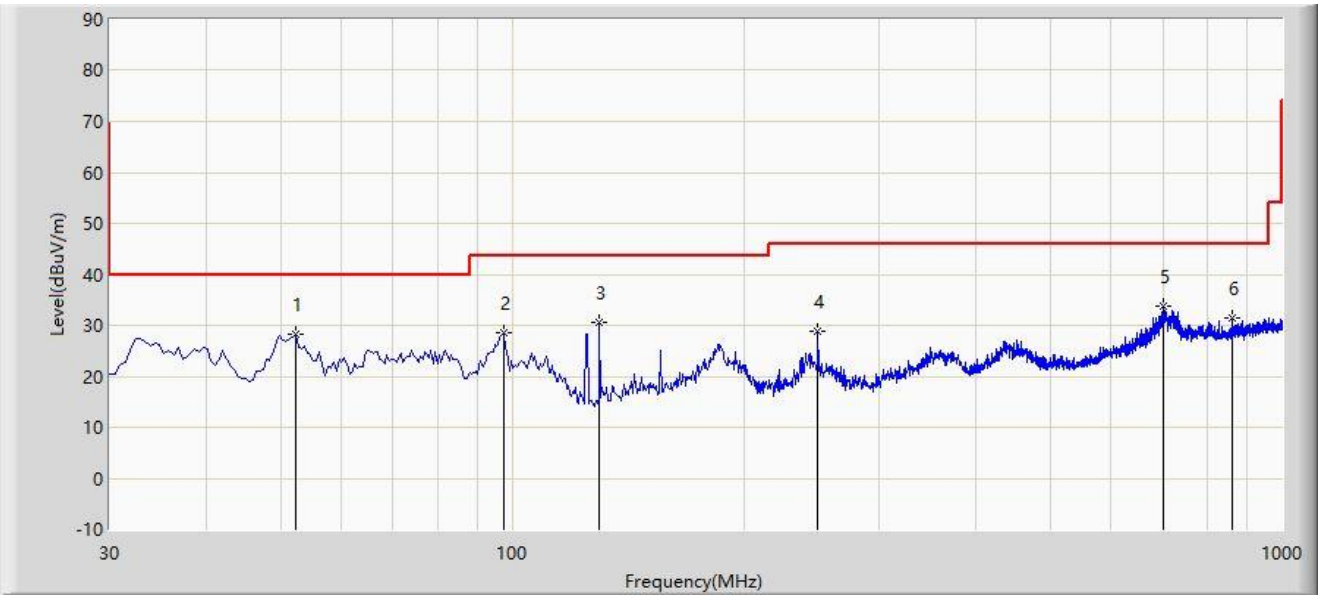
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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)

Worst-case of Radiated Spurious Emission for below 1GHz:

Site: SIP-AC2	Test Date: 2022-08-30
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yien Qian
Probe: VULB 9168_00999_25-2000MHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5785MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	52.310	28.149	9.709	-11.851	40.000	18.440	PK
2		97.415	28.490	15.214	-15.010	43.500	13.277	PK
3		129.910	30.539	14.069	-12.961	43.500	16.470	PK
4		249.705	28.913	11.978	-17.087	46.000	16.934	PK
5		701.725	33.794	6.528	-12.206	46.000	27.266	PK
6		862.745	31.341	2.096	-14.659	46.000	29.245	PK

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

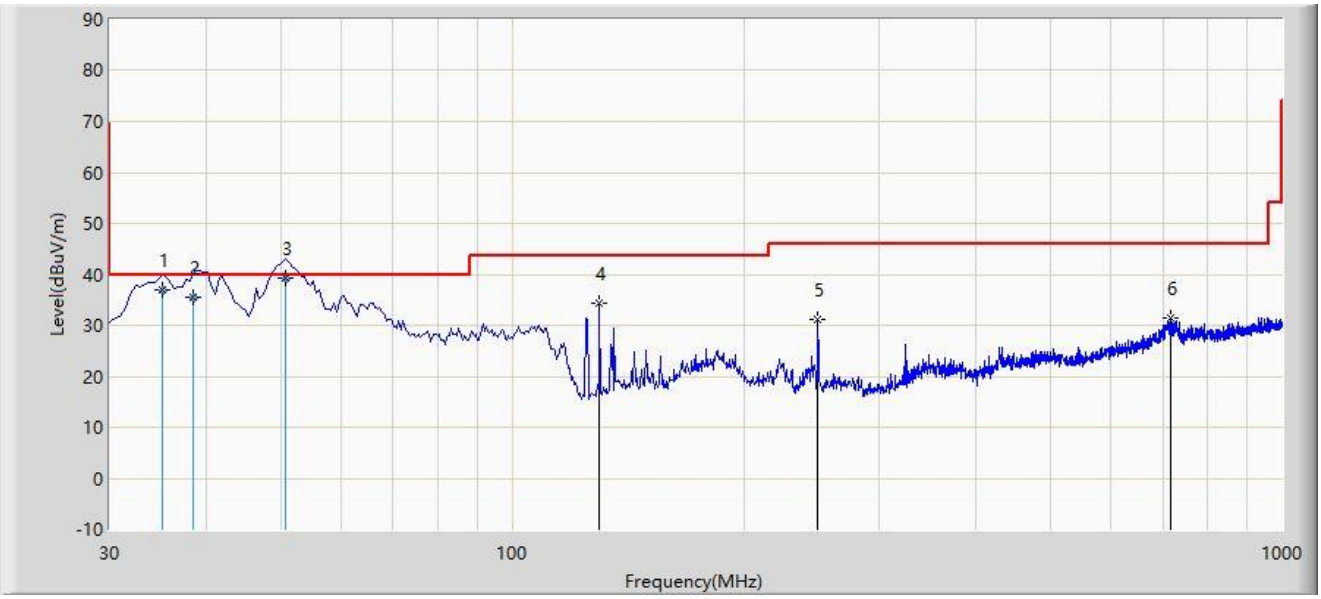
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: 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: SIP-AC2	Test Date: 2022-08-30
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yien Qian
Probe: VULB 9168_00999_25-2000MHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5785MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		35.164	36.943	19.800	-3.057	40.000	17.143	QP
2		38.459	35.526	18.100	-4.474	40.000	17.426	QP
3	*	50.829	39.248	20.800	-0.752	40.000	18.447	QP
4		129.910	34.295	17.825	-9.205	43.500	16.470	PK
5		249.705	31.191	14.256	-14.809	46.000	16.934	PK
6		717.730	31.571	3.916	-14.429	46.000	27.655	PK

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

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

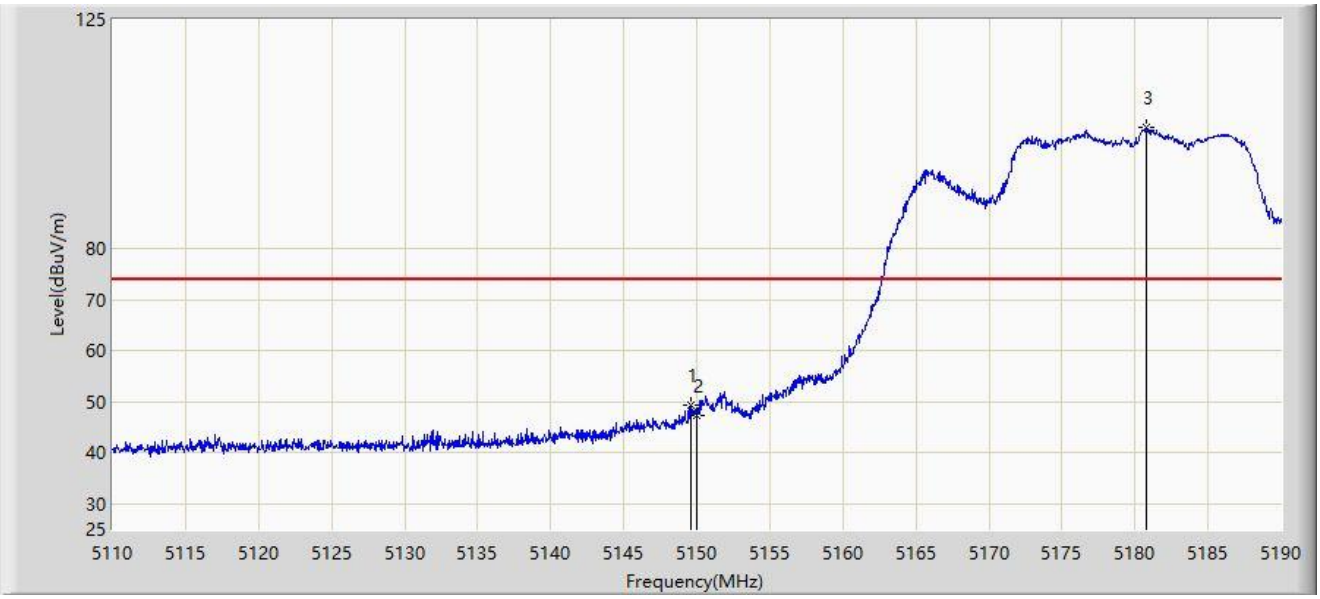
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: 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.8 Radiated Restricted Band Edge Test Result

Site: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



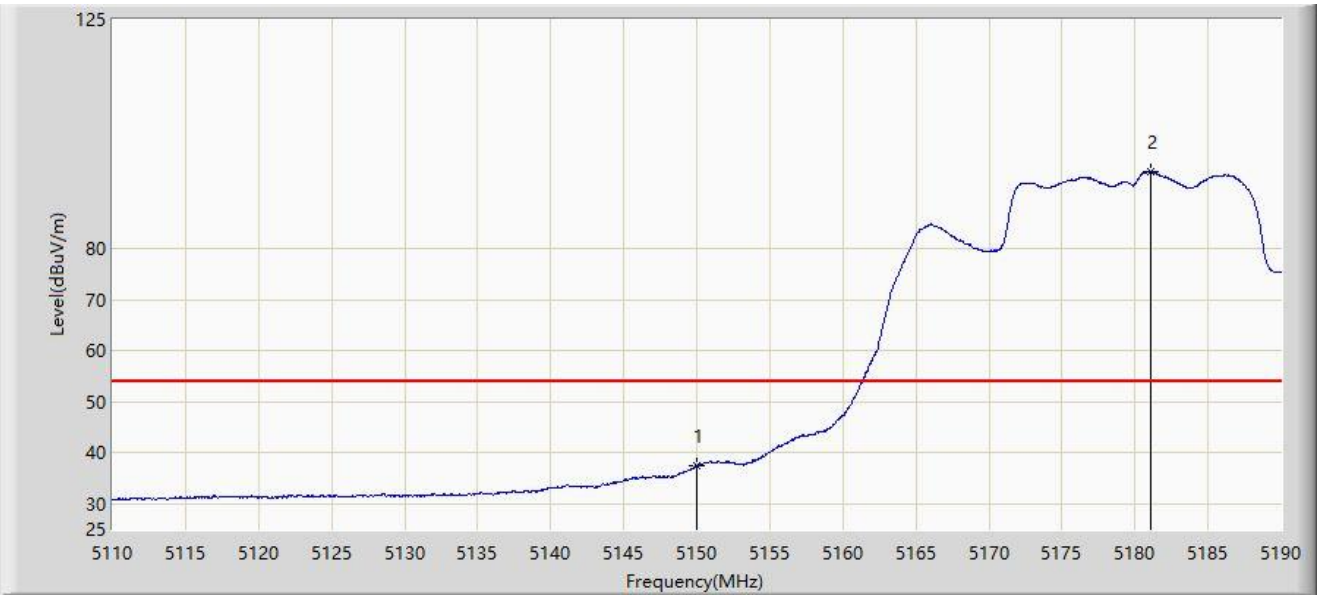
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.600	49.443	49.818	-24.557	74.000	-0.375	PK
2		5150.000	47.291	47.593	-26.709	74.000	-0.302	PK
3		5180.800	103.778	60.013	N/A	N/A	43.765	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	37.480	37.782	-16.520	54.000	-0.302	AV
2		5181.040	95.084	51.636	N/A	N/A	43.448	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.640	65.522	65.889	-8.478	74.000	-0.367	PK
2		5150.000	63.718	64.020	-10.282	74.000	-0.302	PK
3		5184.920	119.145	80.906	N/A	N/A	38.239	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

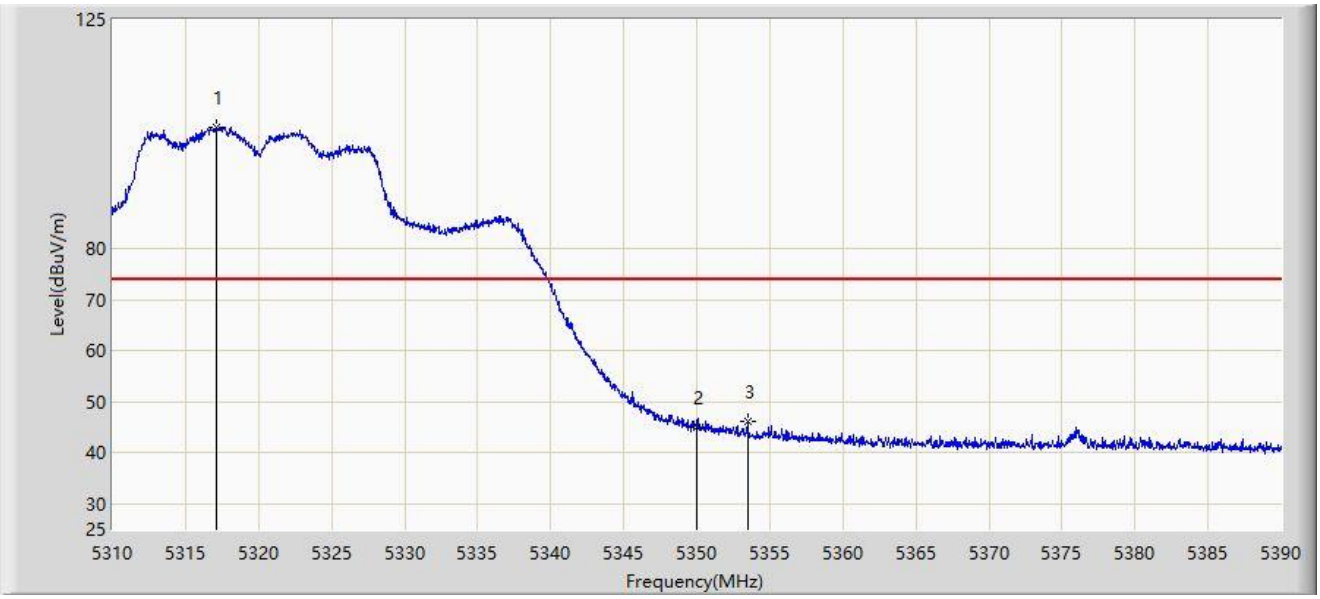
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	52.919	53.221	-1.081	54.000	-0.302	AV
2		5185.080	111.217	72.969	N/A	N/A	38.248	AV

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



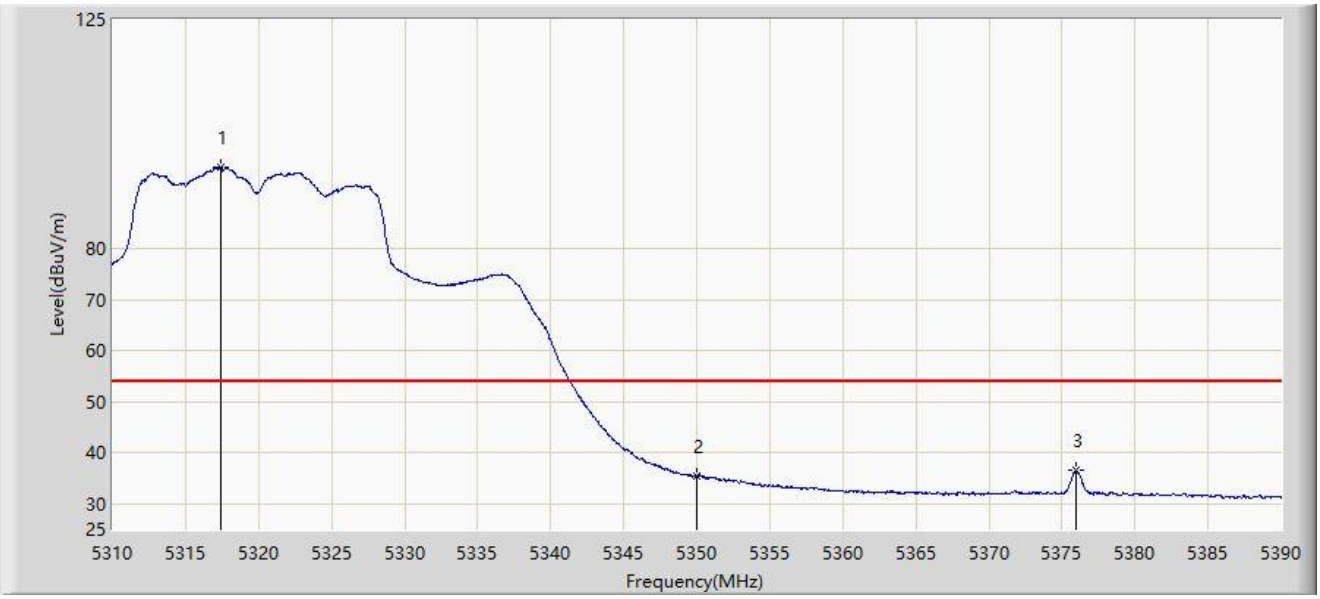
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5317.120	103.871	58.288	N/A	N/A	45.584	PK
2		5350.000	44.911	43.589	-29.089	74.000	1.322	PK
3	*	5353.480	46.030	45.838	-27.970	74.000	0.192	PK

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



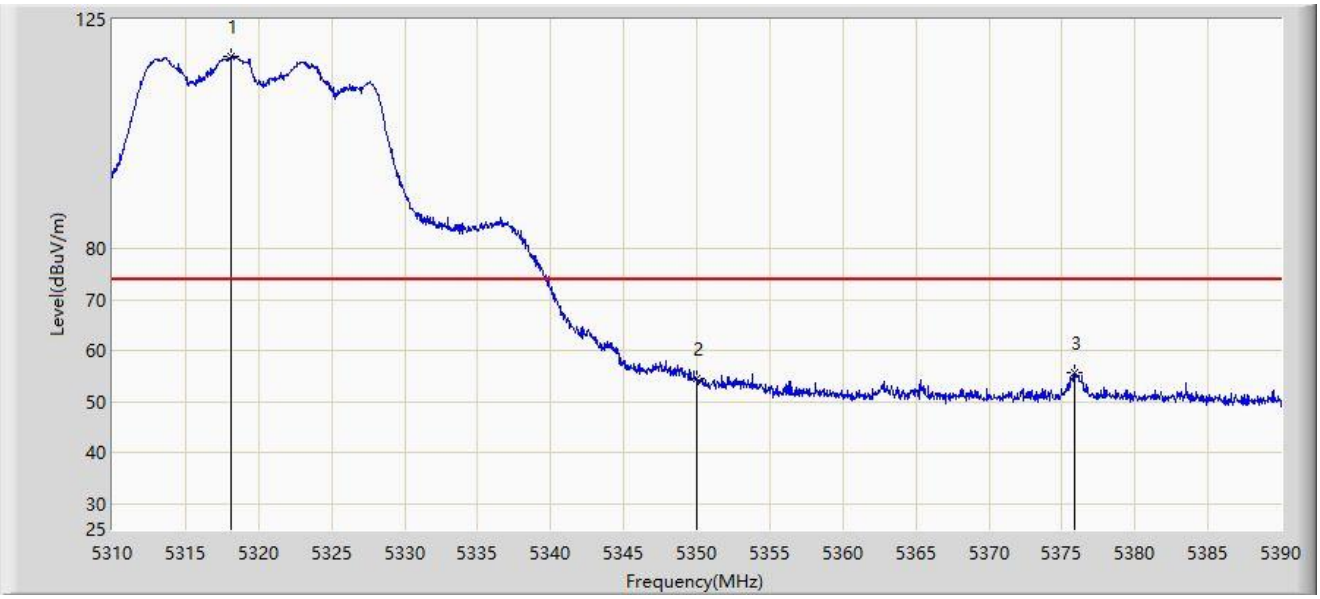
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5317.440	95.992	50.725	N/A	N/A	45.266	AV
2		5350.000	35.396	34.074	-18.604	54.000	1.322	AV
3	*	5375.920	36.468	38.771	-17.532	54.000	-2.303	AV

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



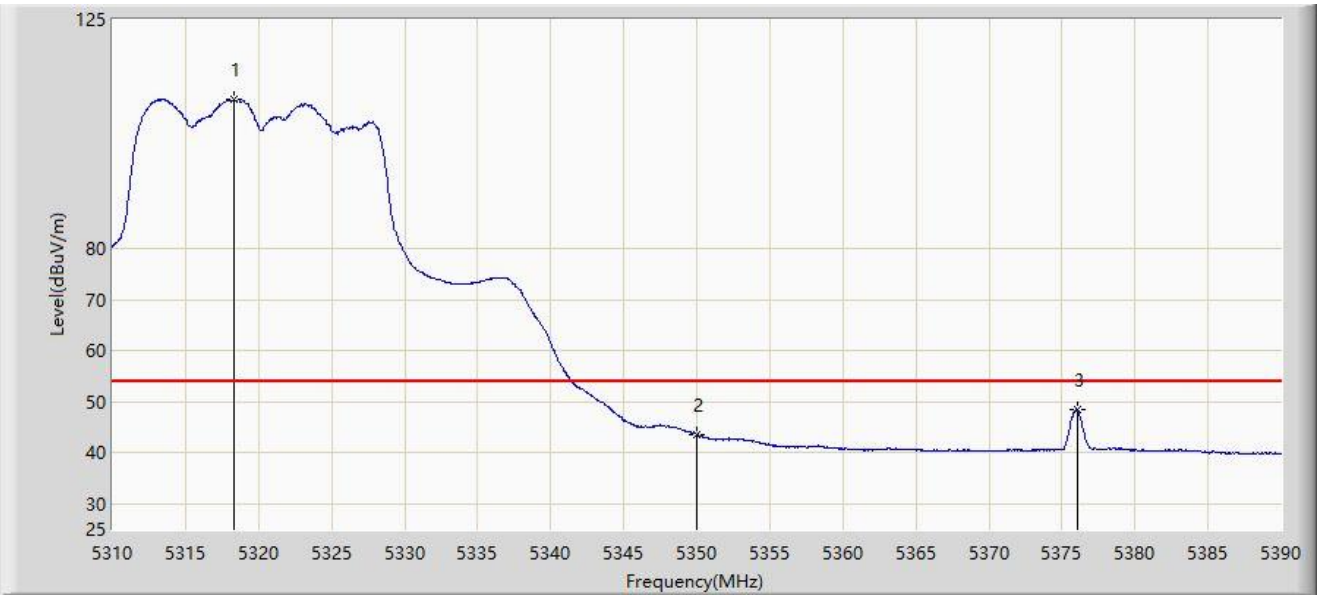
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.120	117.726	73.133	N/A	N/A	44.593	PK
2		5350.000	54.429	53.107	-19.571	74.000	1.322	PK
3	*	5375.840	55.653	57.951	-18.347	74.000	-2.298	PK

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



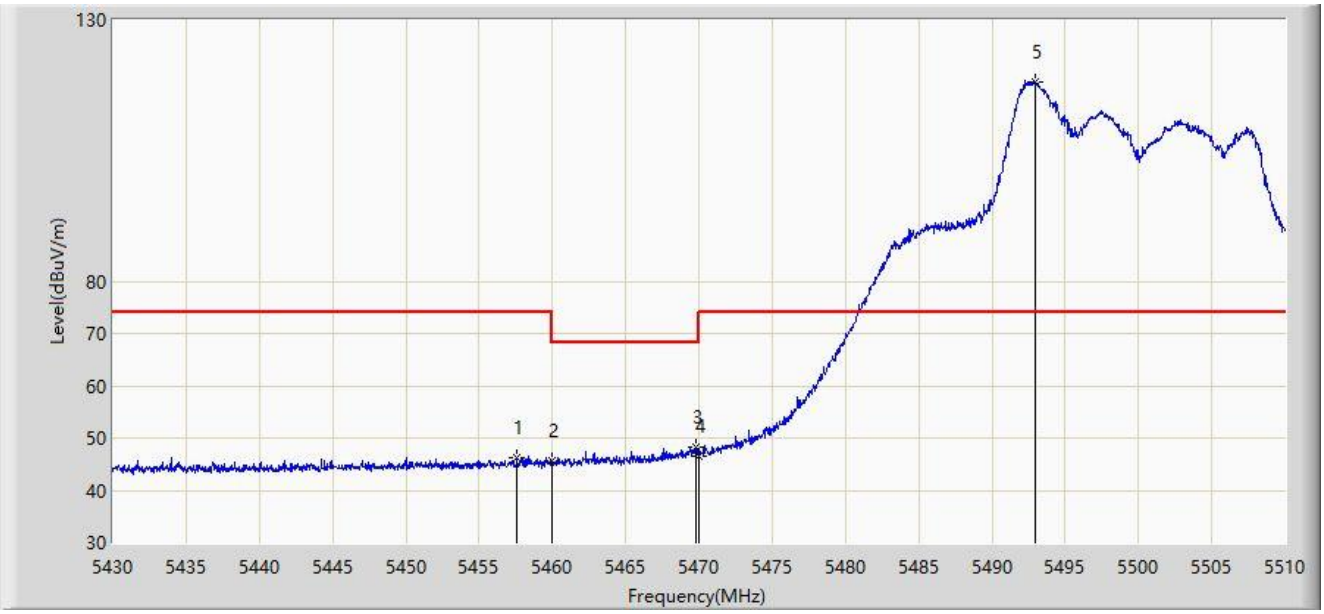
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.360	109.398	64.936	N/A	N/A	44.462	AV
2		5350.000	43.465	42.143	-10.535	54.000	1.322	AV
3	*	5376.040	48.377	50.688	-5.623	54.000	-2.311	AV

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



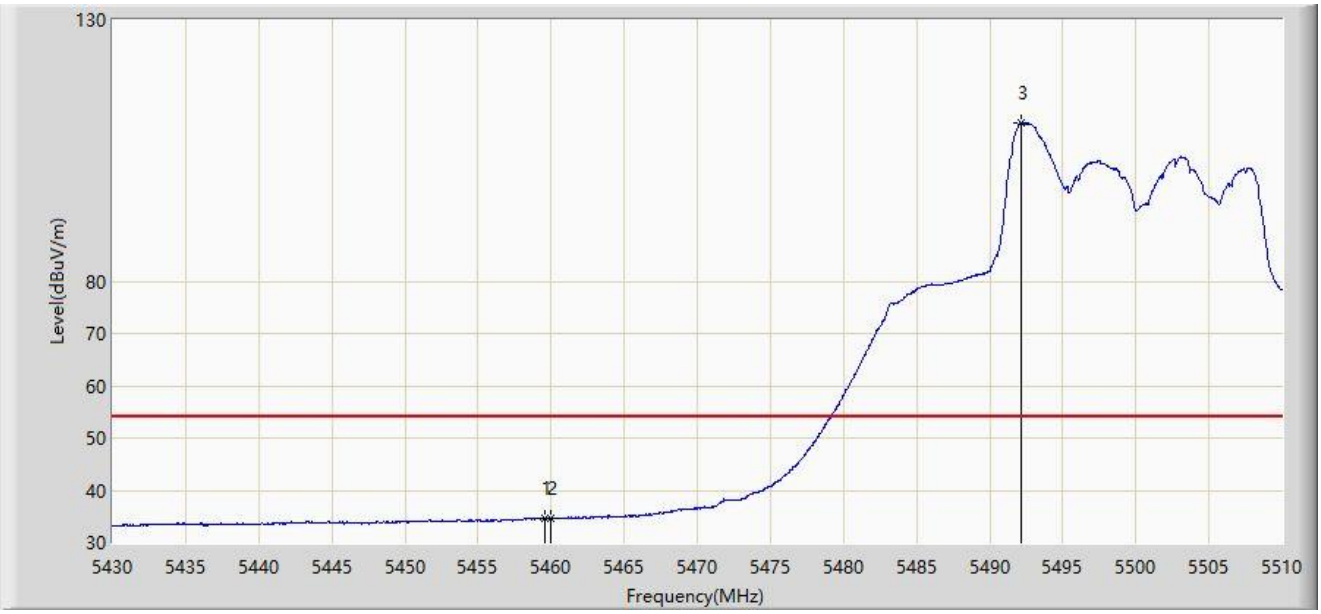
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5457.560	46.306	50.217	-27.694	74.000	-3.911	PK
2		5460.000	45.516	49.191	-22.684	68.200	-3.675	PK
3	*	5469.800	48.207	50.208	-19.993	68.200	-2.000	PK
4		5470.000	46.655	48.587	-21.545	68.200	-1.932	PK
5		5492.960	118.148	74.492	N/A	N/A	43.655	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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



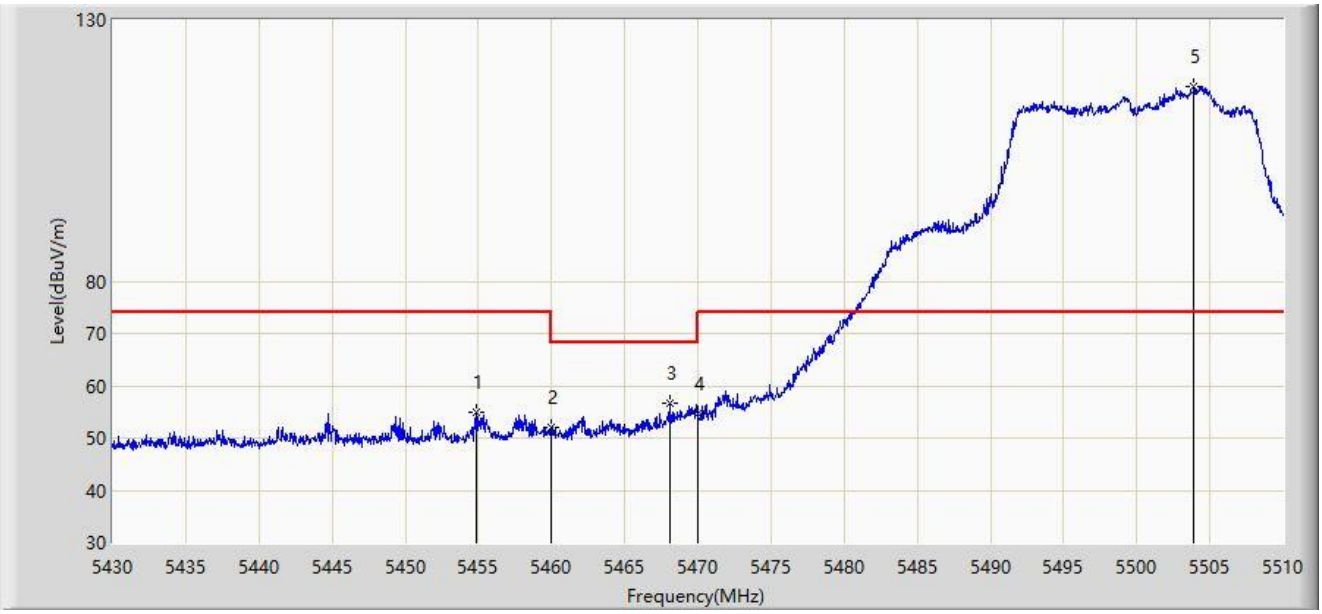
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.600	34.702	38.433	-19.298	54.000	-3.731	AV
2		5460.000	34.643	38.318	-19.357	54.000	-3.675	AV
3		5492.200	110.324	65.669	N/A	N/A	44.655	AV

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



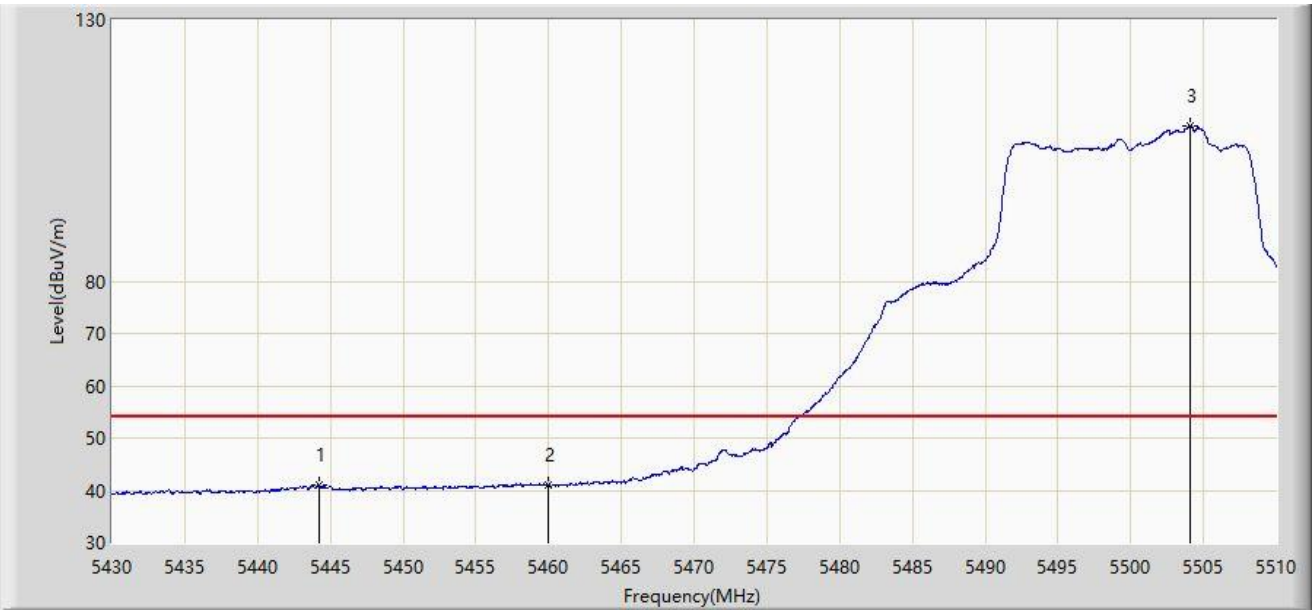
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5454.880	54.789	58.820	-19.211	74.000	-4.031	PK
2		5460.000	52.127	55.802	-16.073	68.200	-3.675	PK
3	*	5468.080	56.728	59.290	-11.472	68.200	-2.562	PK
4		5470.000	54.671	56.603	-13.529	68.200	-1.932	PK
5		5503.880	117.130	73.945	N/A	N/A	43.184	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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



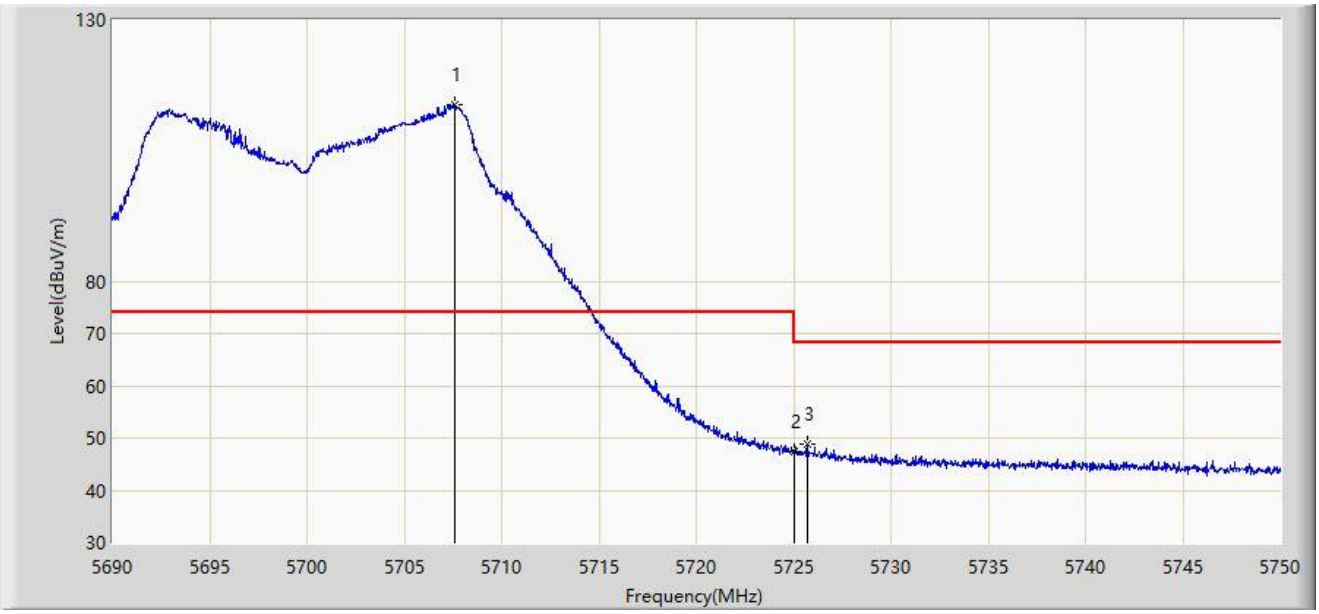
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5444.280	41.045	45.590	-12.955	54.000	-4.545	AV
2		5460.000	40.922	44.597	-13.078	54.000	-3.675	AV
3		5504.120	109.770	66.344	N/A	N/A	43.427	AV

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



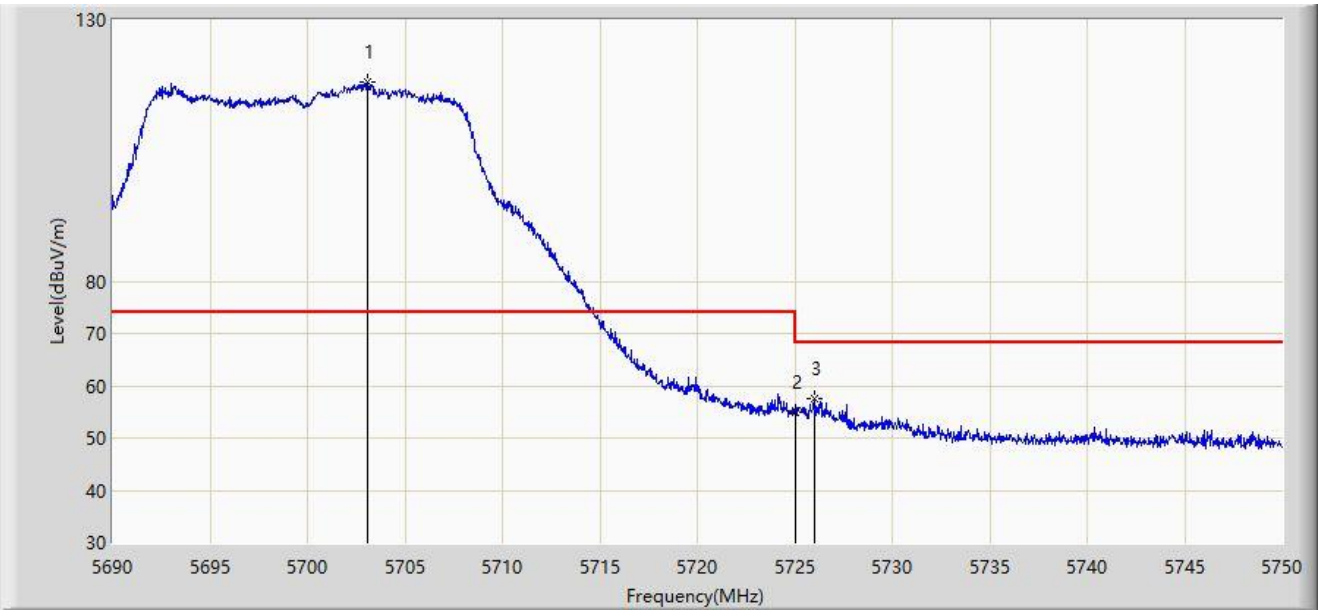
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5707.580	113.746	73.887	N/A	N/A	39.859	PK
2		5725.000	47.453	49.048	-20.747	68.200	-1.596	PK
3	*	5725.700	48.857	50.835	-19.343	68.200	-1.978	PK

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



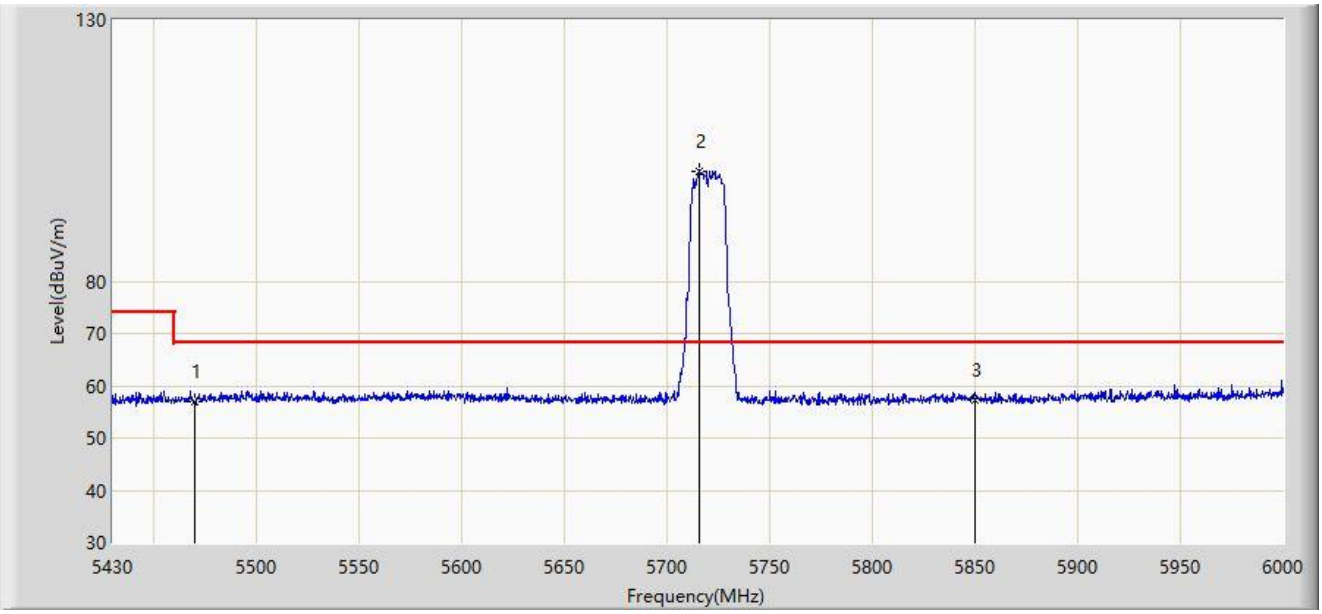
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5703.050	118.087	80.221	N/A	N/A	37.866	PK
2		5725.000	54.898	56.493	-13.302	68.200	-1.596	PK
3	*	5726.000	57.436	59.583	-10.764	68.200	-2.147	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5720MHz	



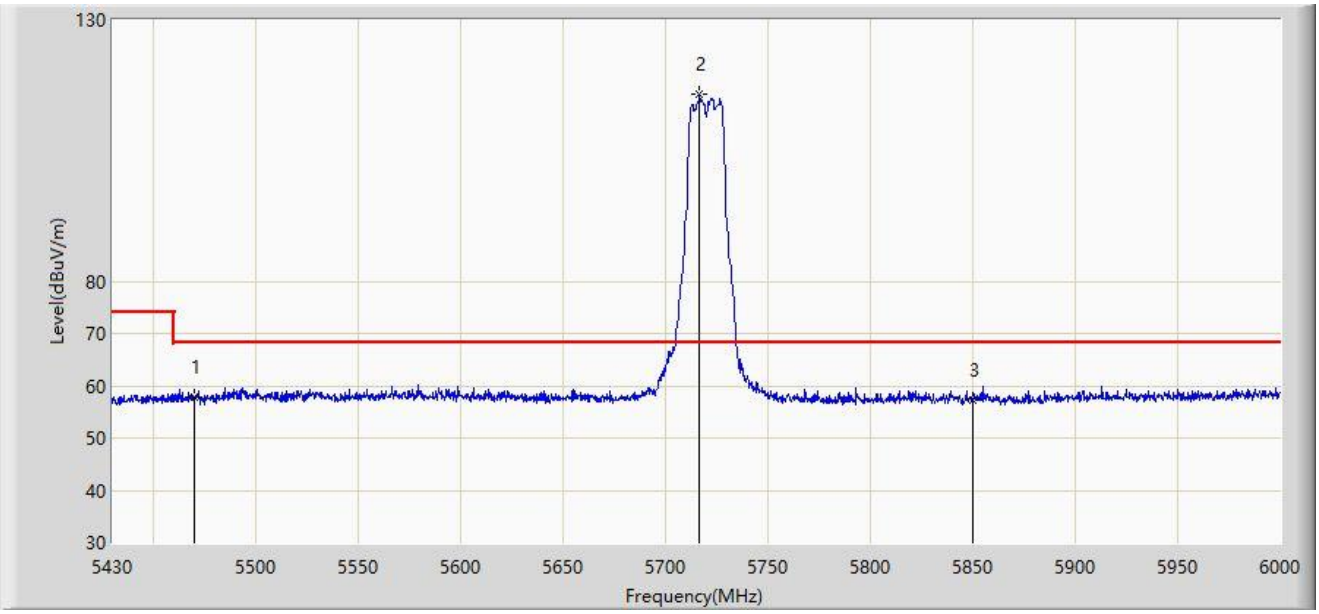
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5470.000	57.087	50.634	-11.113	68.200	6.453	PK
2		5715.570	101.024	94.556	N/A	N/A	6.469	PK
3	*	5850.000	57.214	50.135	-10.986	68.200	7.080	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5720MHz	



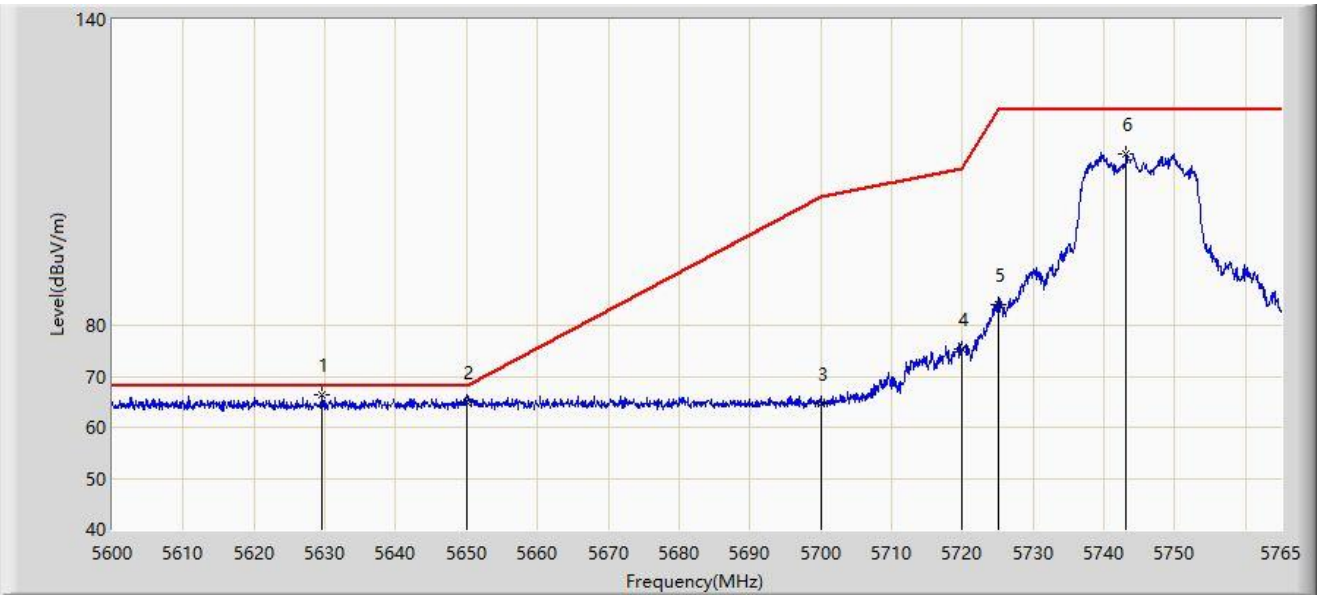
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5470.000	57.851	51.398	-10.349	68.200	6.453	PK
2		5716.710	115.863	109.392	N/A	N/A	6.472	PK
3		5850.000	57.173	50.094	-11.027	68.200	7.080	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



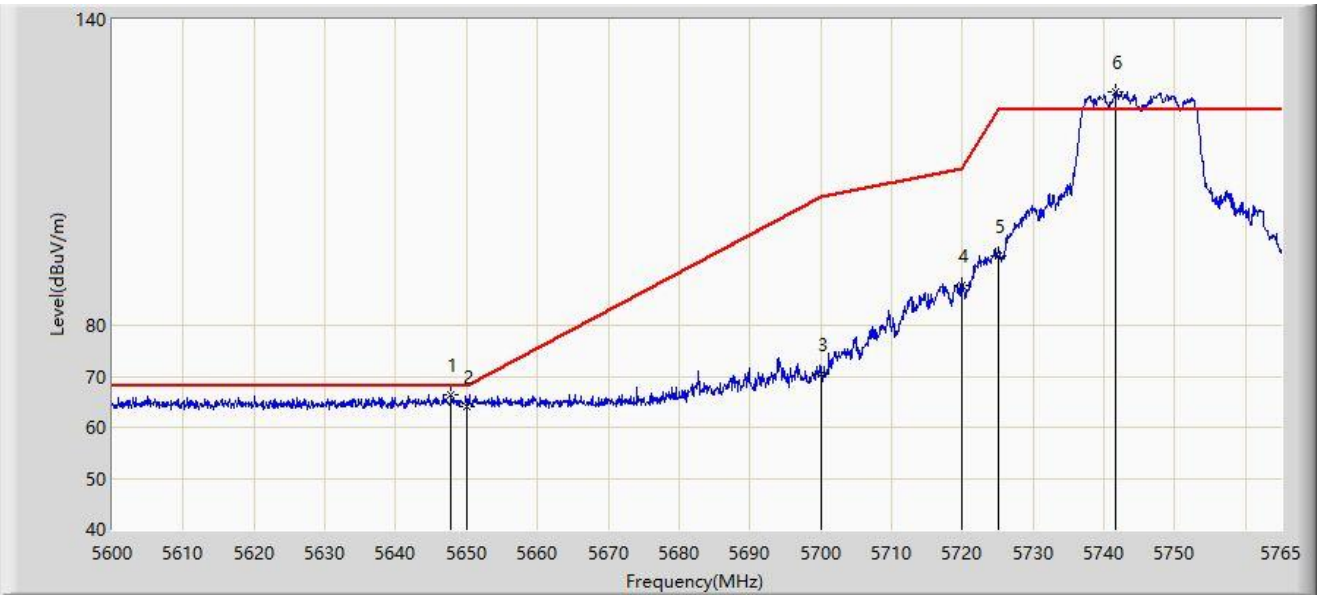
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5629.618	66.382	70.685	-1.818	68.200	-4.302	PK
2		5650.000	65.059	69.229	-3.141	68.200	-4.171	PK
3		5700.000	64.591	68.715	-40.609	105.200	-4.124	PK
4		5720.000	75.251	79.294	-35.549	110.800	-4.044	PK
5		5725.000	83.969	87.983	-38.231	122.200	-4.014	PK
6		5743.138	113.674	117.677	N/A	N/A	-4.003	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



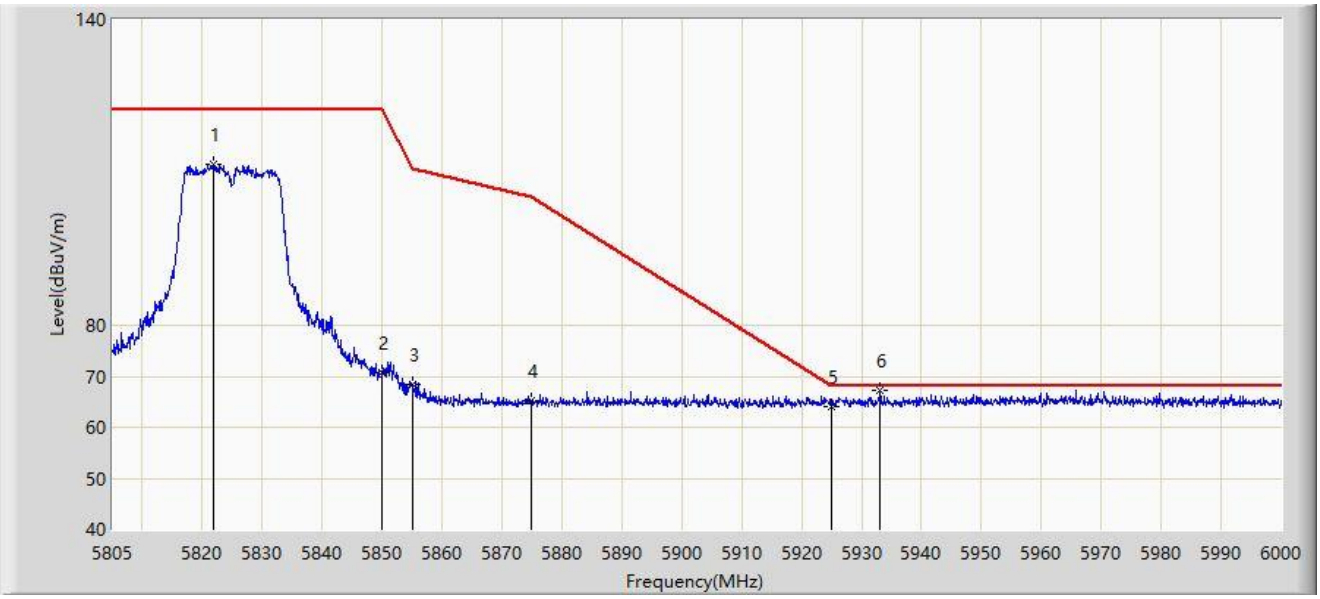
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5647.768	66.298	70.490	-1.902	68.200	-4.192	PK
2		5650.000	63.981	68.151	-4.219	68.200	-4.171	PK
3		5700.000	70.390	74.514	-34.810	105.200	-4.124	PK
4		5720.000	87.771	91.814	-23.029	110.800	-4.044	PK
5		5725.000	93.713	97.727	-28.487	122.200	-4.014	PK
6		5741.652	125.891	129.895	N/A	N/A	-4.004	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



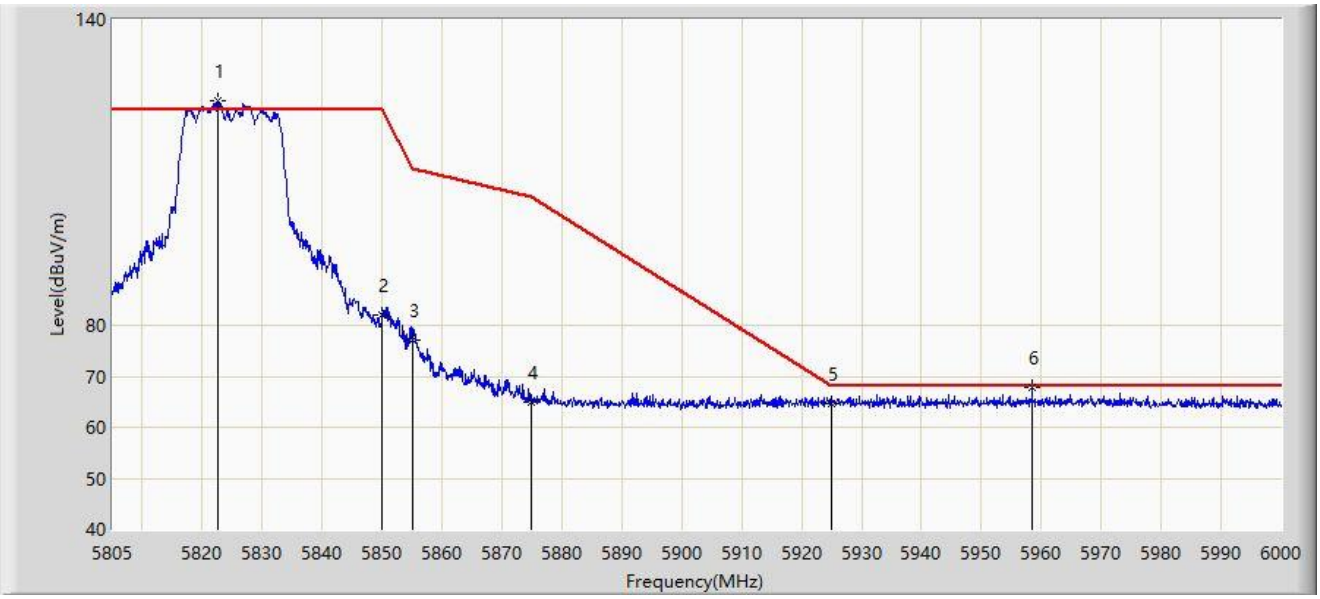
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5821.965	111.648	115.256	N/A	N/A	-3.609	PK
2		5850.000	70.844	74.592	-51.356	122.200	-3.747	PK
3		5855.000	68.509	72.249	-42.291	110.800	-3.740	PK
4		5875.000	65.078	68.667	-40.122	105.200	-3.589	PK
5		5925.000	64.181	67.771	-4.019	68.200	-3.589	PK
6	*	5933.115	67.171	70.673	-1.029	68.200	-3.503	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: SIP-AC2	Test Date: 2022-07-20
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



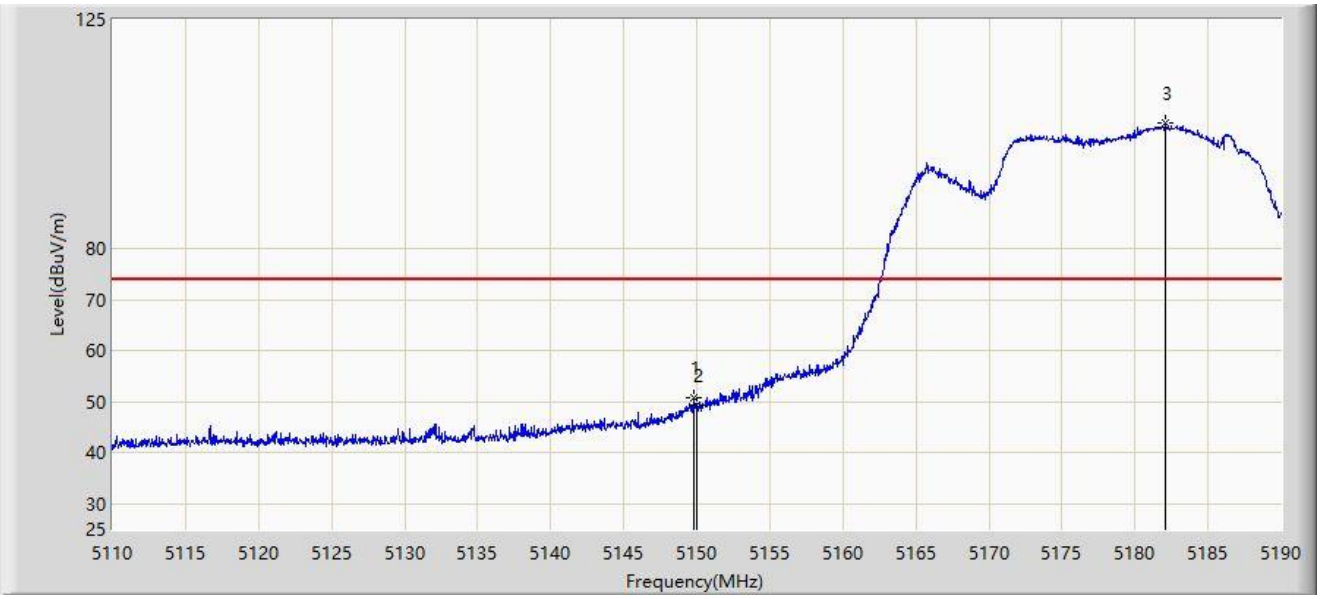
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5822.550	124.047	127.669	N/A	N/A	-3.622	PK
2		5850.000	81.887	85.634	-40.313	122.200	-3.747	PK
3		5855.000	76.975	80.715	-33.825	110.800	-3.740	PK
4		5875.000	64.790	68.379	-40.410	105.200	-3.589	PK
5		5925.000	64.543	68.132	-3.657	68.200	-3.589	PK
6	*	5958.465	67.697	70.980	-0.503	68.200	-3.283	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



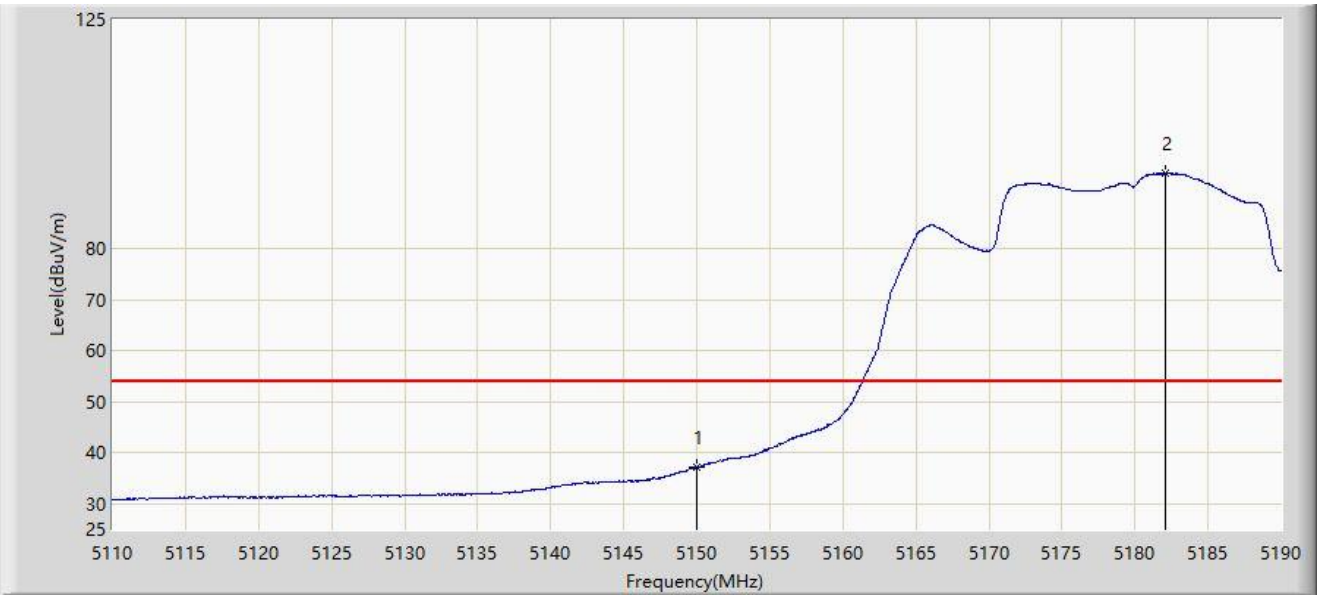
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.760	50.715	51.057	-23.285	74.000	-0.342	PK
2		5150.000	49.255	49.557	-24.745	74.000	-0.302	PK
3		5182.040	104.699	63.043	N/A	N/A	41.656	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



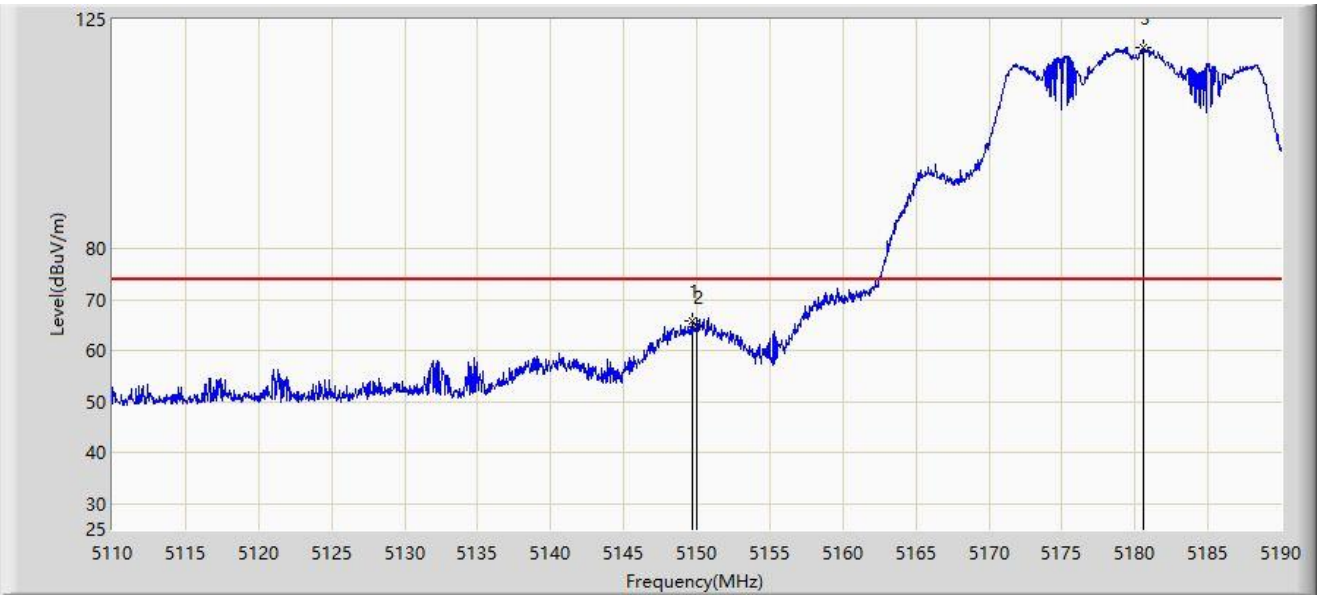
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	37.191	37.493	-16.809	54.000	-0.302	AV
2		5182.120	94.802	53.305	N/A	N/A	41.496	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.720	65.816	66.166	-8.184	74.000	-0.349	PK
2		5150.000	64.809	65.111	-9.191	74.000	-0.302	PK
3		5180.600	119.506	75.476	N/A	N/A	44.030	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	

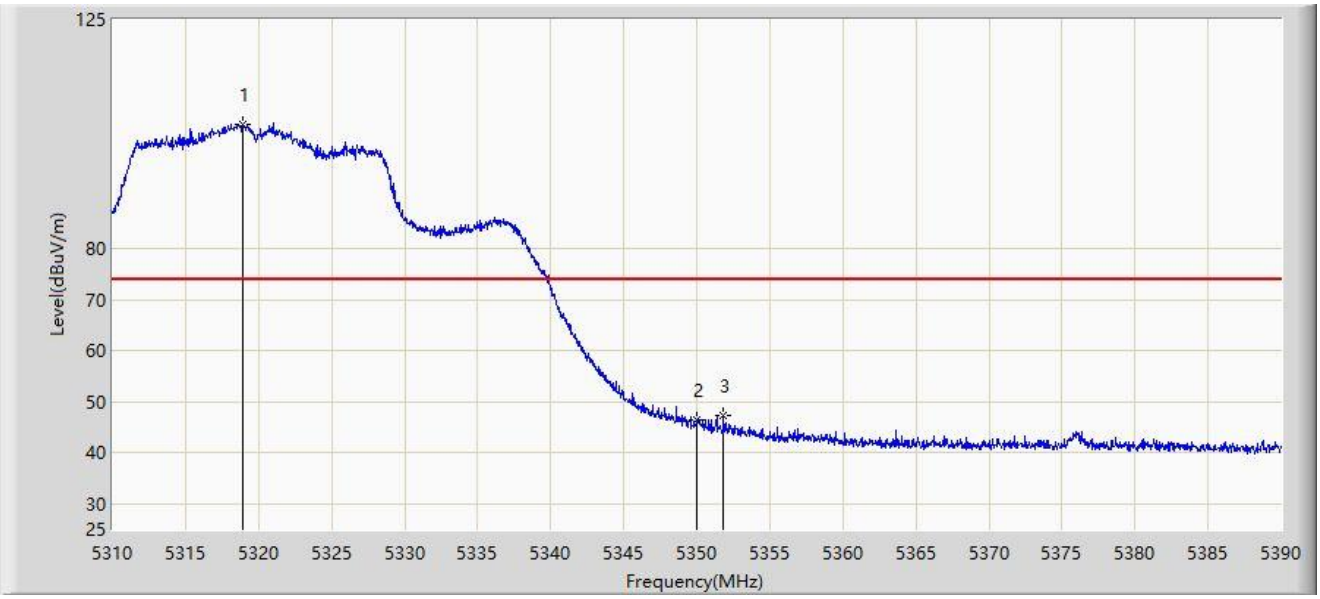
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	52.518	52.820	-1.482	54.000	-0.302	AV
2		5179.240	110.288	65.905	N/A	N/A	44.383	AV

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



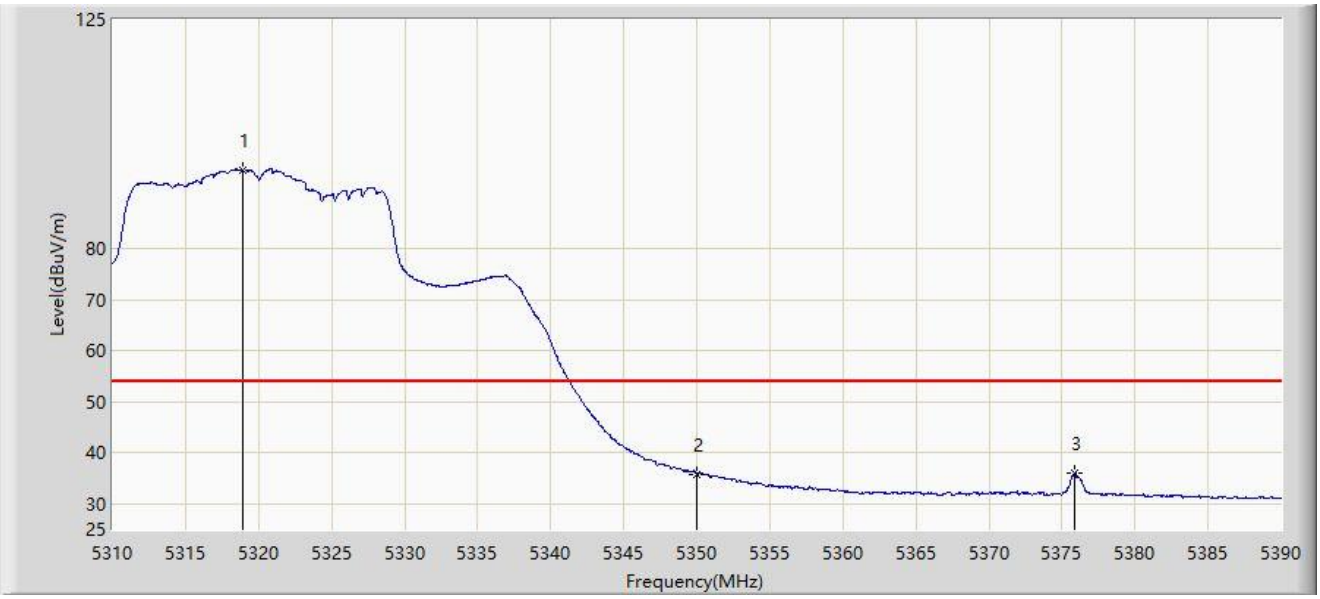
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.880	104.474	60.297	N/A	N/A	44.177	PK
2		5350.000	46.416	45.094	-27.584	74.000	1.322	PK
3	*	5351.840	47.460	46.823	-26.540	74.000	0.637	PK

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



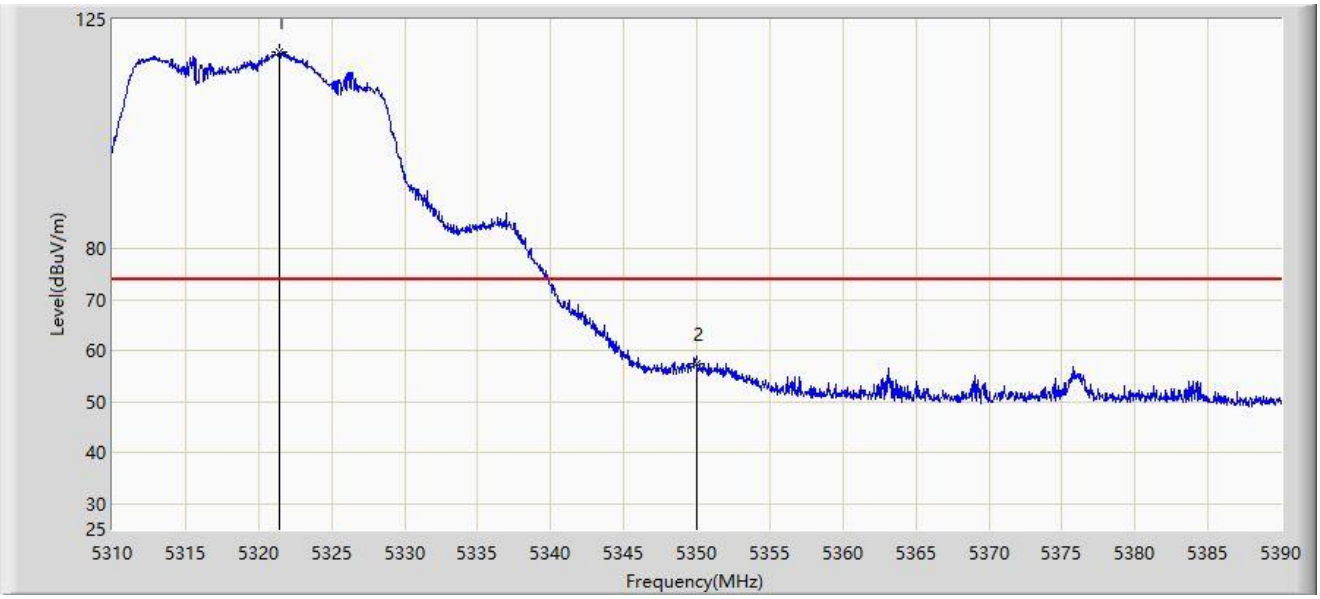
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.920	95.551	51.396	N/A	N/A	44.155	AV
2		5350.000	35.688	34.366	-18.312	54.000	1.322	AV
3	*	5375.880	36.010	38.311	-17.990	54.000	-2.301	AV

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



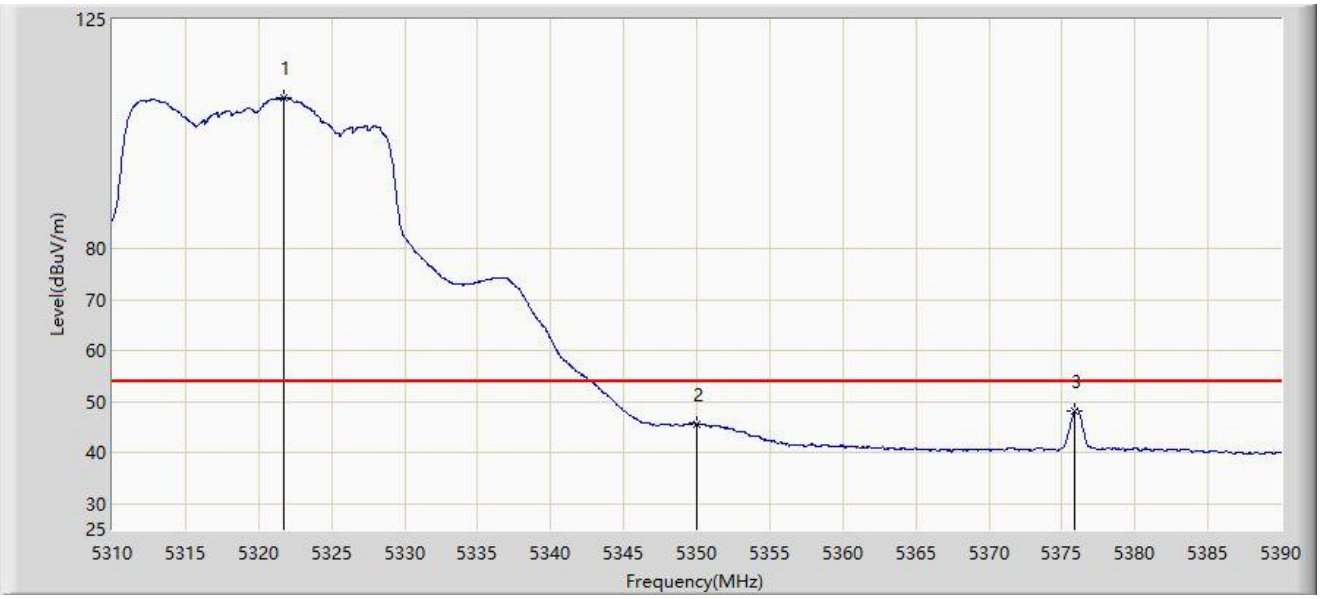
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5321.440	118.748	74.798	N/A	N/A	43.951	PK
2	*	5350.000	57.399	56.077	-16.601	74.000	1.322	PK

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



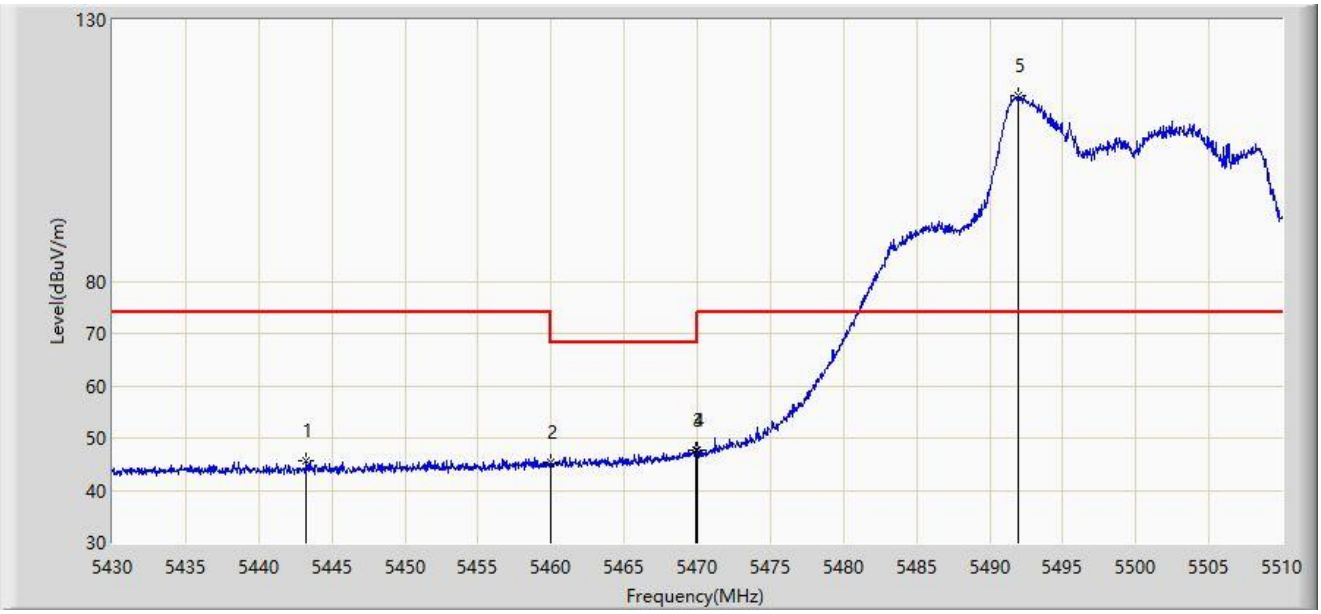
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5321.760	109.700	65.684	N/A	N/A	44.016	AV
2		5350.000	45.509	44.187	-8.491	54.000	1.322	AV
3	*	5375.880	48.256	50.557	-5.744	54.000	-2.301	AV

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



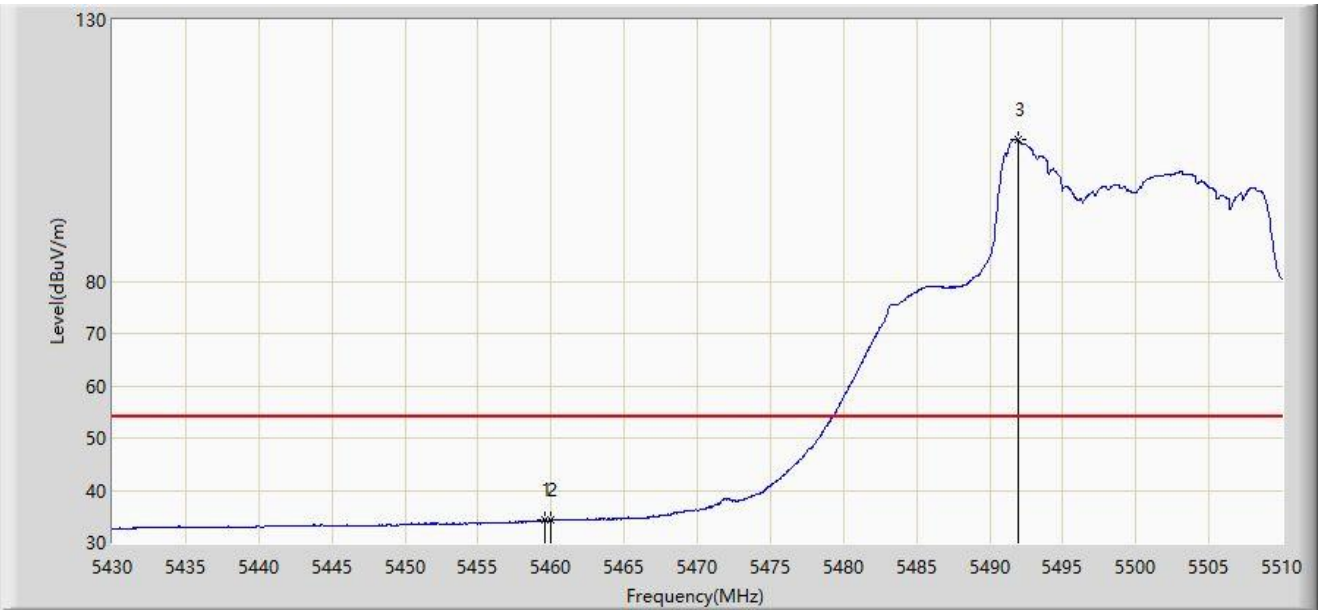
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5443.240	45.746	50.345	-28.254	74.000	-4.599	PK
2		5460.000	45.322	48.997	-22.878	68.200	-3.675	PK
3	*	5469.920	47.758	49.717	-20.442	68.200	-1.959	PK
4		5470.000	47.551	49.483	-20.649	68.200	-1.932	PK
5		5491.960	115.441	70.600	N/A	N/A	44.842	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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



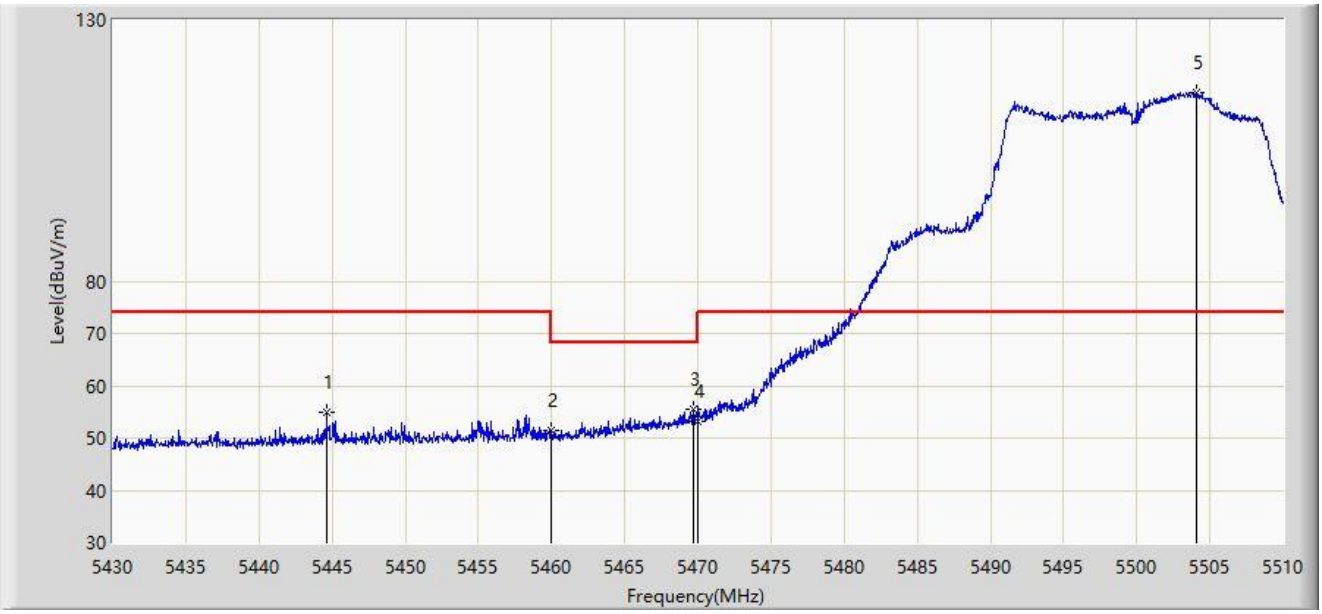
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.600	34.303	38.034	-19.697	54.000	-3.731	AV
2		5460.000	34.259	37.934	-19.741	54.000	-3.675	AV
3		5491.920	107.234	62.388	N/A	N/A	44.846	AV

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



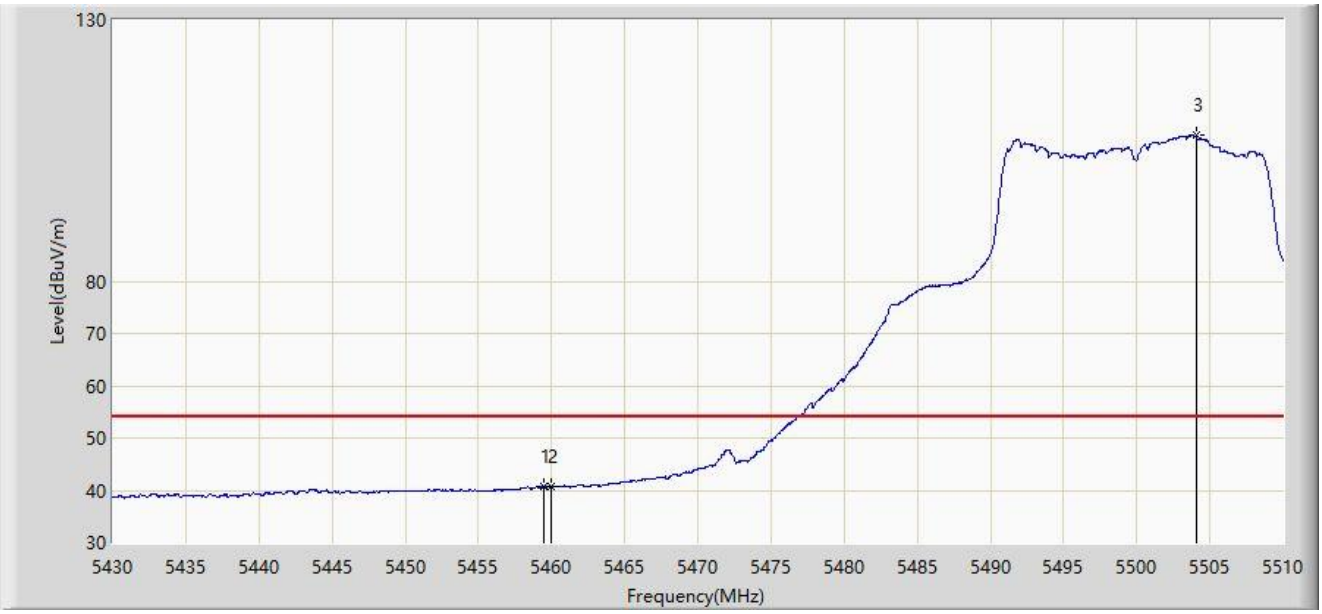
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5444.640	54.868	59.408	-19.132	74.000	-4.540	PK
2		5460.000	51.344	55.019	-16.856	68.200	-3.675	PK
3	*	5469.720	55.459	57.487	-12.741	68.200	-2.029	PK
4		5470.000	53.082	55.014	-15.118	68.200	-1.932	PK
5		5504.040	116.060	72.702	N/A	N/A	43.359	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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



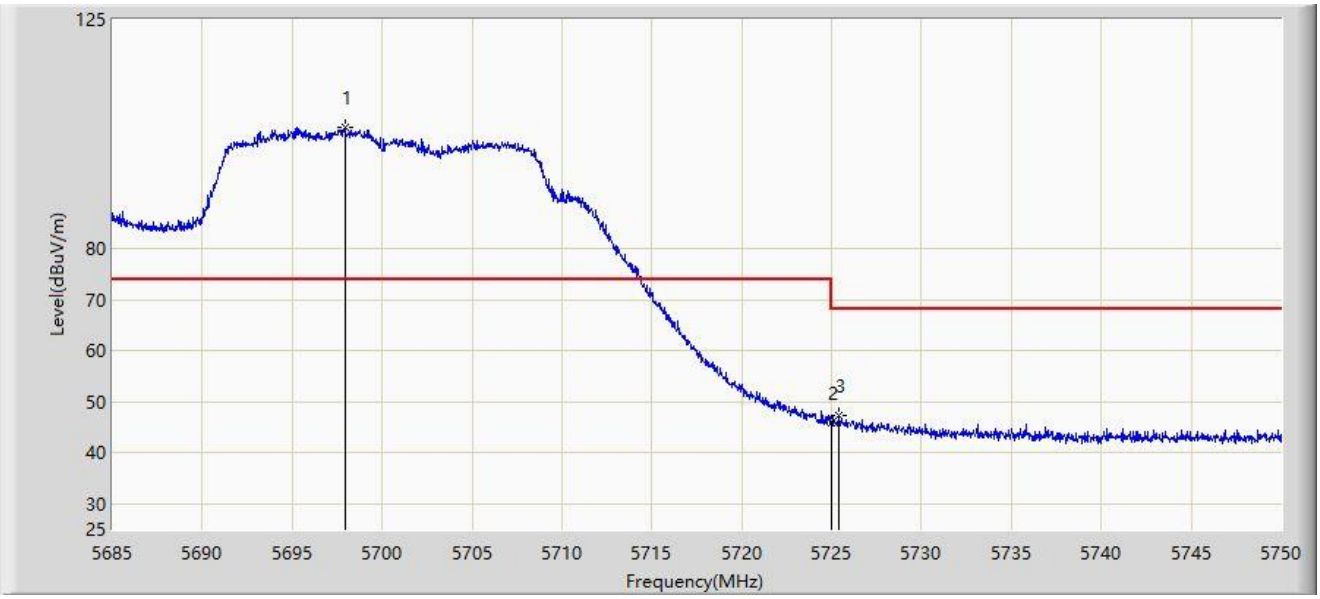
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.520	40.816	44.556	-13.184	54.000	-3.739	AV
2		5460.000	40.763	44.438	-13.237	54.000	-3.675	AV
3		5504.040	107.837	64.479	N/A	N/A	43.359	AV

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



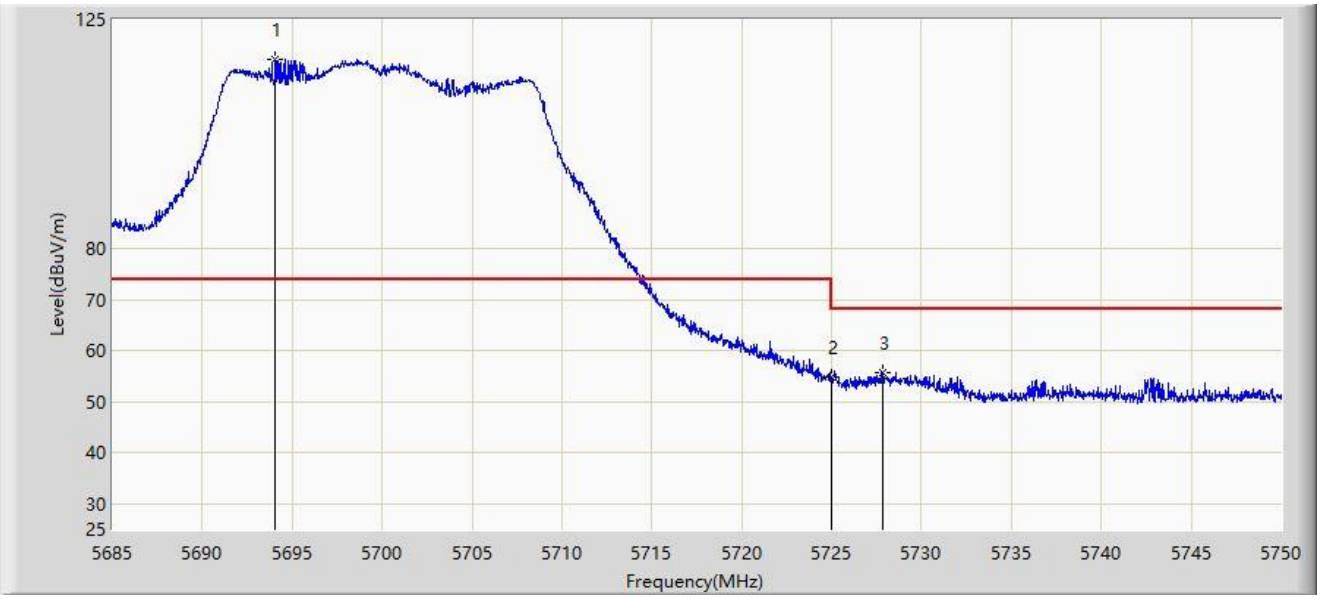
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5697.935	103.914	61.996	N/A	N/A	41.918	PK
2		5725.000	45.907	43.342	-22.293	68.200	2.565	PK
3	*	5725.365	47.343	44.988	-20.857	68.200	2.355	PK

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz	



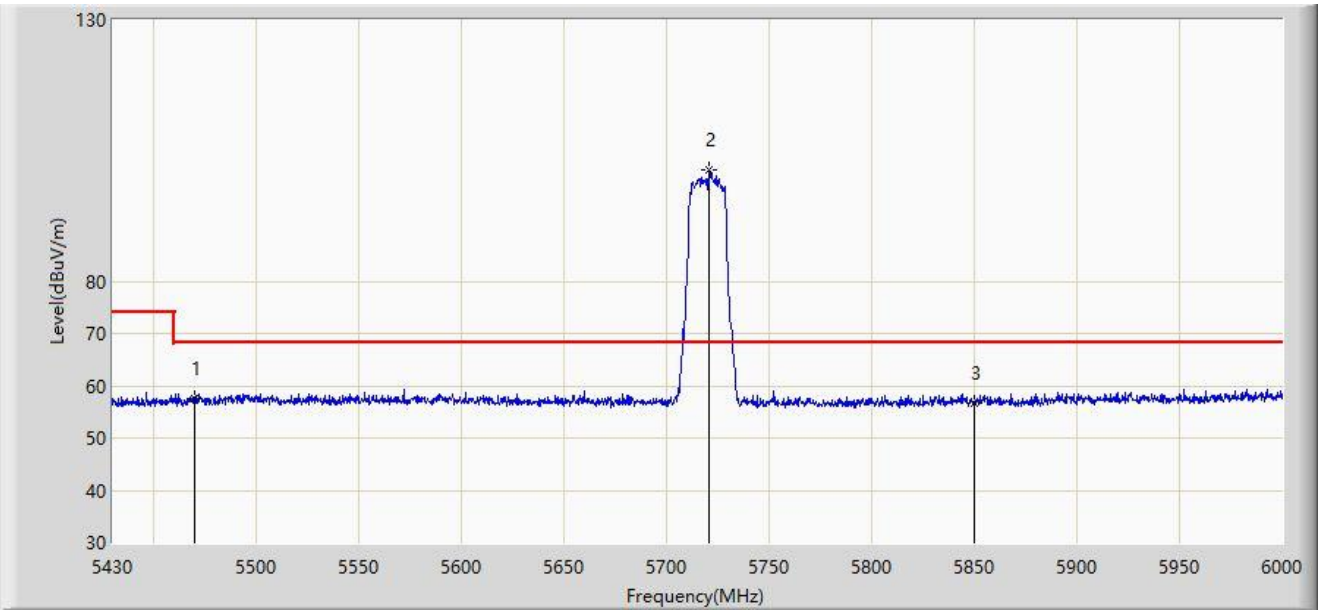
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5694.067	117.100	71.413	N/A	N/A	45.686	PK
2		5725.000	54.746	52.181	-13.454	68.200	2.565	PK
3	*	5727.868	55.839	54.529	-12.361	68.200	1.310	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5720MHz	



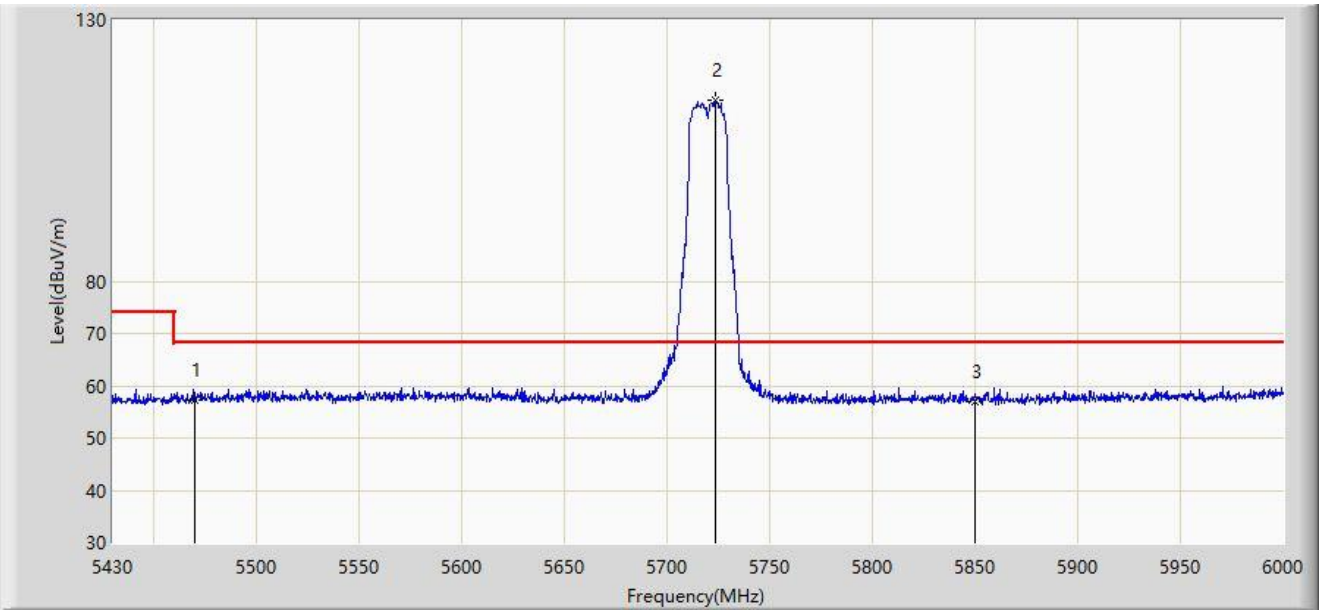
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5470.000	57.598	51.145	-10.602	68.200	6.453	PK
2		5720.985	101.370	94.887	N/A	N/A	6.483	PK
3		5850.000	56.601	49.522	-11.599	68.200	7.080	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5720MHz	



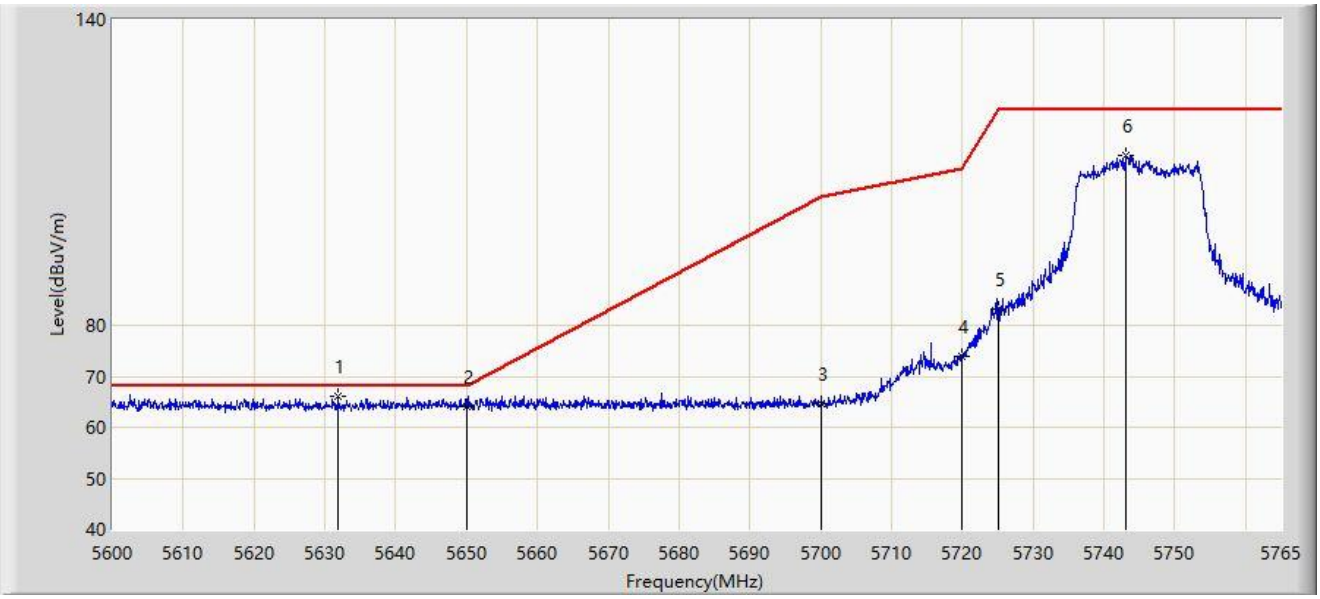
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5470.000	57.384	50.931	-10.816	68.200	6.453	PK
2		5723.835	114.529	108.039	N/A	N/A	6.490	PK
3		5850.000	57.049	49.970	-11.151	68.200	7.080	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



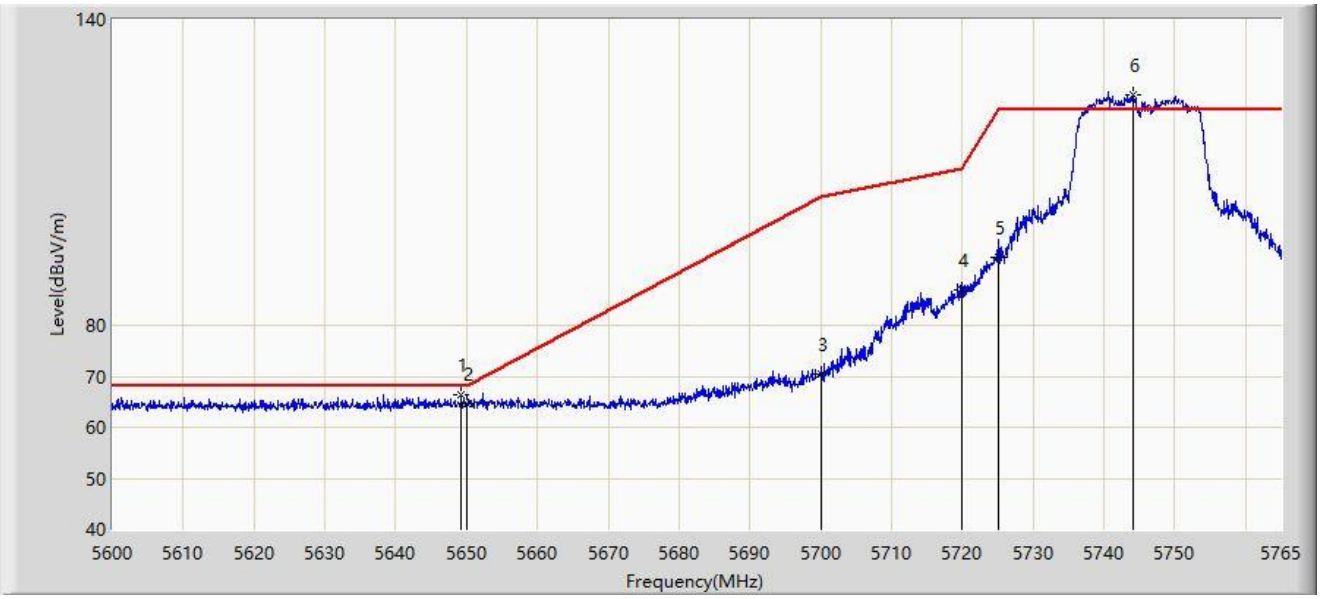
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5631.928	65.944	70.238	-2.256	68.200	-4.293	PK
2		5650.000	64.173	68.343	-4.027	68.200	-4.171	PK
3		5700.000	64.720	68.844	-40.480	105.200	-4.124	PK
4		5720.000	74.049	78.092	-36.751	110.800	-4.044	PK
5		5725.000	83.123	87.137	-39.077	122.200	-4.014	PK
6		5743.138	113.394	117.397	N/A	N/A	-4.003	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



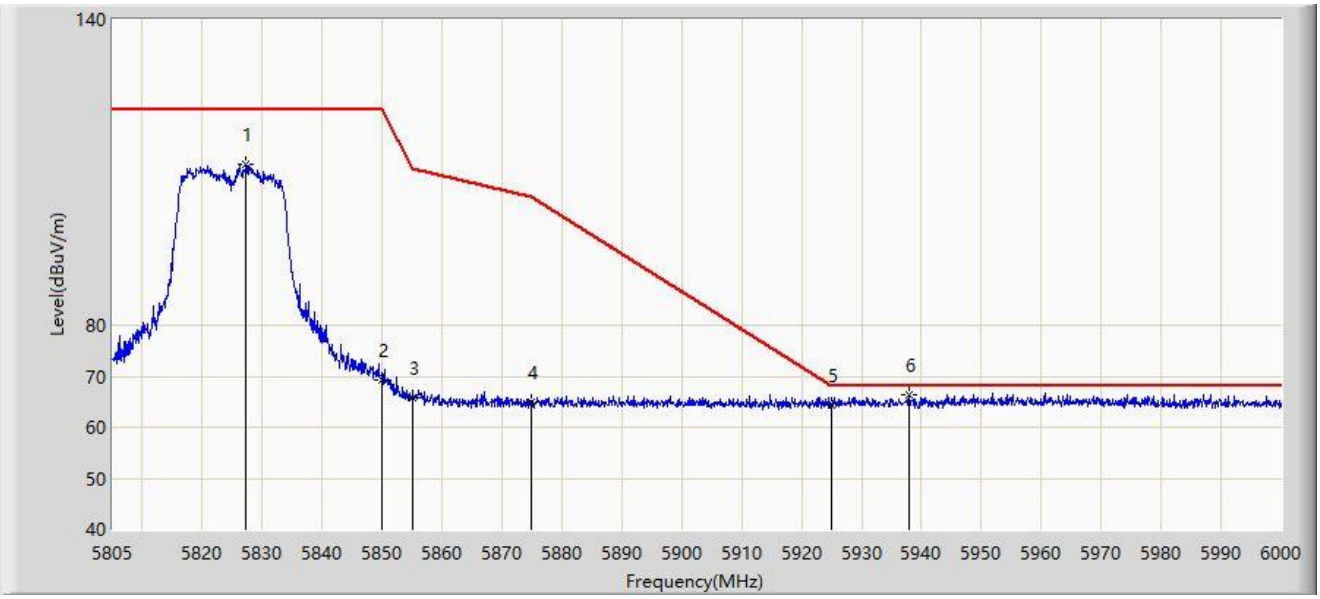
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5649.252	66.489	70.667	-1.711	68.200	-4.178	PK
2		5650.000	64.760	68.930	-3.440	68.200	-4.171	PK
3		5700.000	70.357	74.481	-34.843	105.200	-4.124	PK
4		5720.000	86.949	90.992	-23.851	110.800	-4.044	PK
5		5725.000	93.451	97.465	-28.749	122.200	-4.014	PK
6		5744.210	125.294	129.287	N/A	N/A	-3.993	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



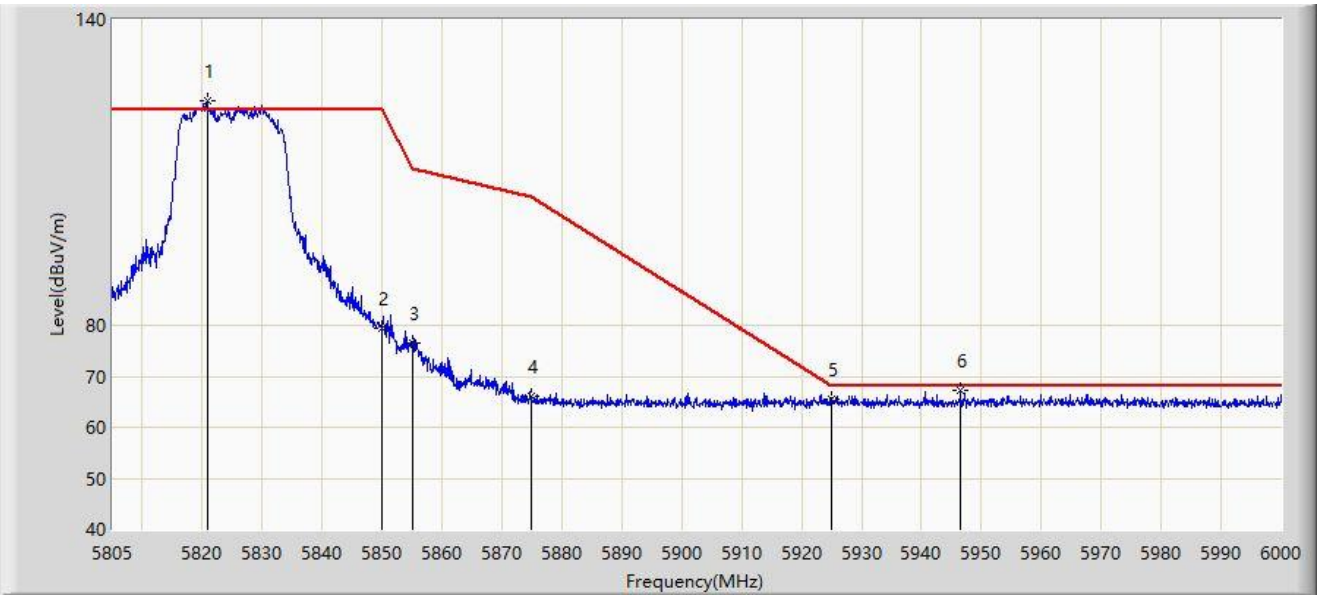
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5827.328	111.480	115.208	N/A	N/A	-3.728	PK
2		5850.000	69.416	73.164	-52.784	122.200	-3.747	PK
3		5855.000	65.864	69.604	-44.936	110.800	-3.740	PK
4		5875.000	65.053	68.642	-40.147	105.200	-3.589	PK
5		5925.000	64.287	67.877	-3.913	68.200	-3.589	PK
6	*	5937.893	66.249	69.705	-1.951	68.200	-3.455	PK

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

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

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

Site: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



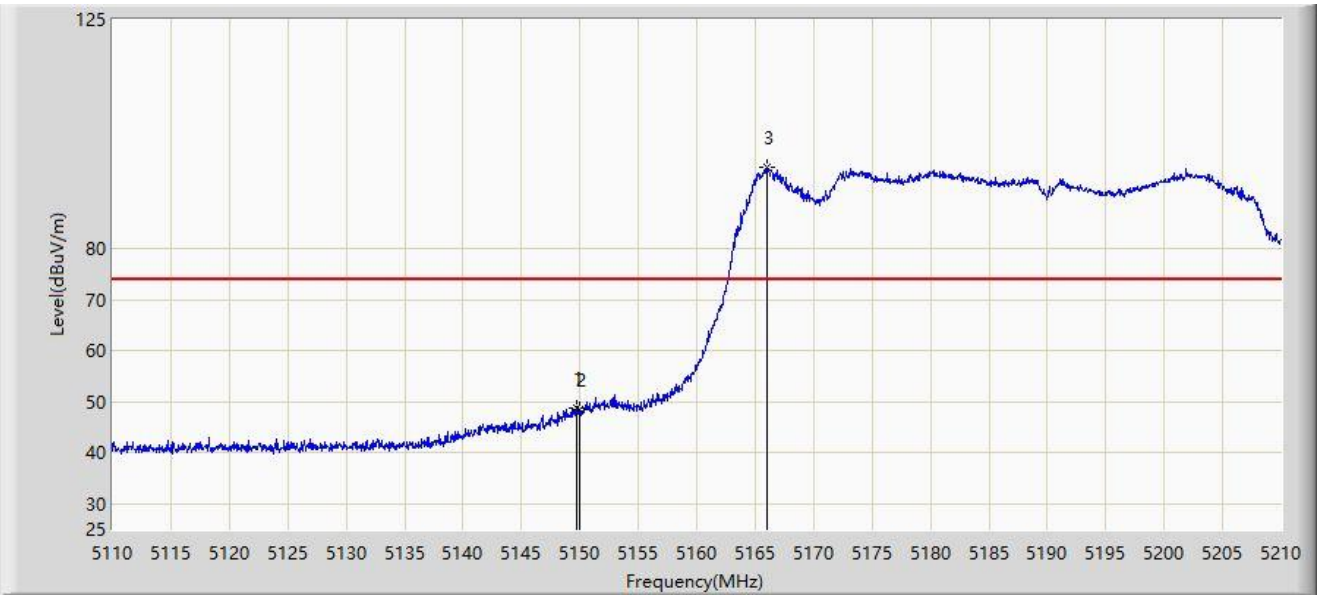
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5820.893	124.138	127.722	N/A	N/A	-3.585	PK
2		5850.000	79.323	83.071	-42.877	122.200	-3.747	PK
3		5855.000	76.447	80.187	-34.353	110.800	-3.740	PK
4		5875.000	65.999	69.588	-39.201	105.200	-3.589	PK
5		5925.000	65.434	69.024	-2.766	68.200	-3.589	PK
6	*	5946.473	67.225	70.597	-0.975	68.200	-3.373	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



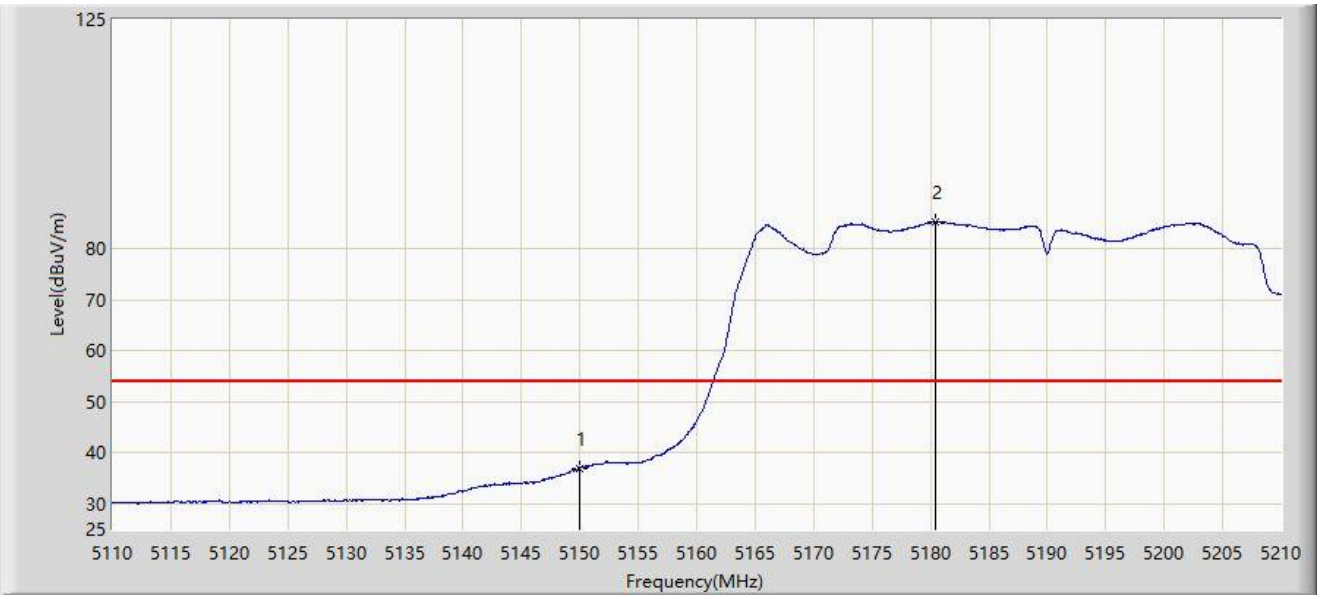
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.700	48.868	49.222	-25.132	74.000	-0.354	PK
2		5150.000	48.389	48.691	-25.611	74.000	-0.302	PK
3		5166.050	96.044	43.736	N/A	N/A	52.307	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	37.026	37.328	-16.974	54.000	-0.302	AV
2		5180.400	85.372	41.078	N/A	N/A	44.294	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	

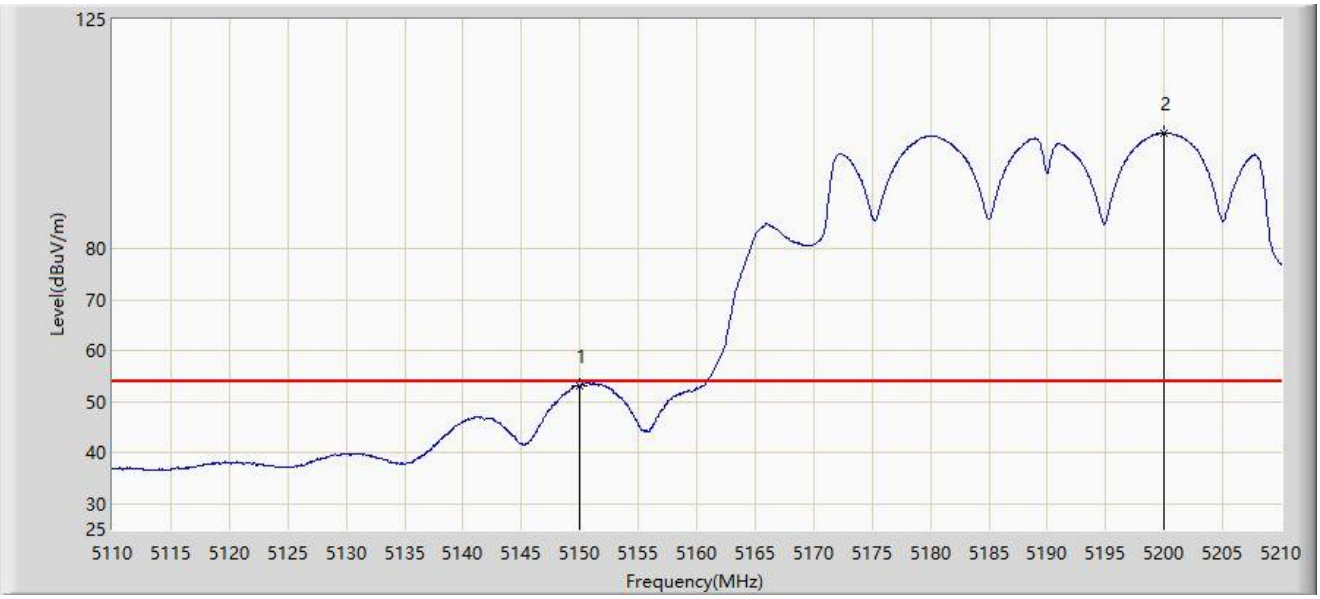
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.900	66.980	67.298	-7.020	74.000	-0.317	PK
2		5150.000	65.043	65.345	-8.957	74.000	-0.302	PK
3		5199.250	112.226	72.951	N/A	N/A	39.275	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



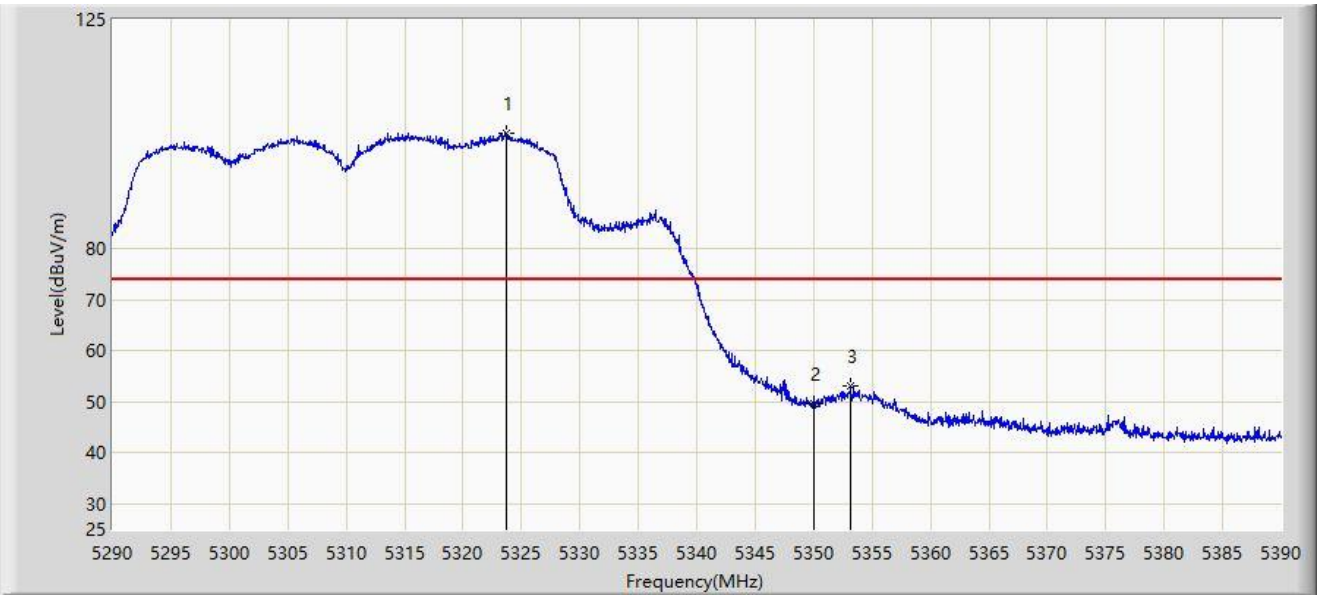
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	53.061	53.363	-0.939	54.000	-0.302	AV
2		5200.000	102.593	62.215	N/A	N/A	40.377	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



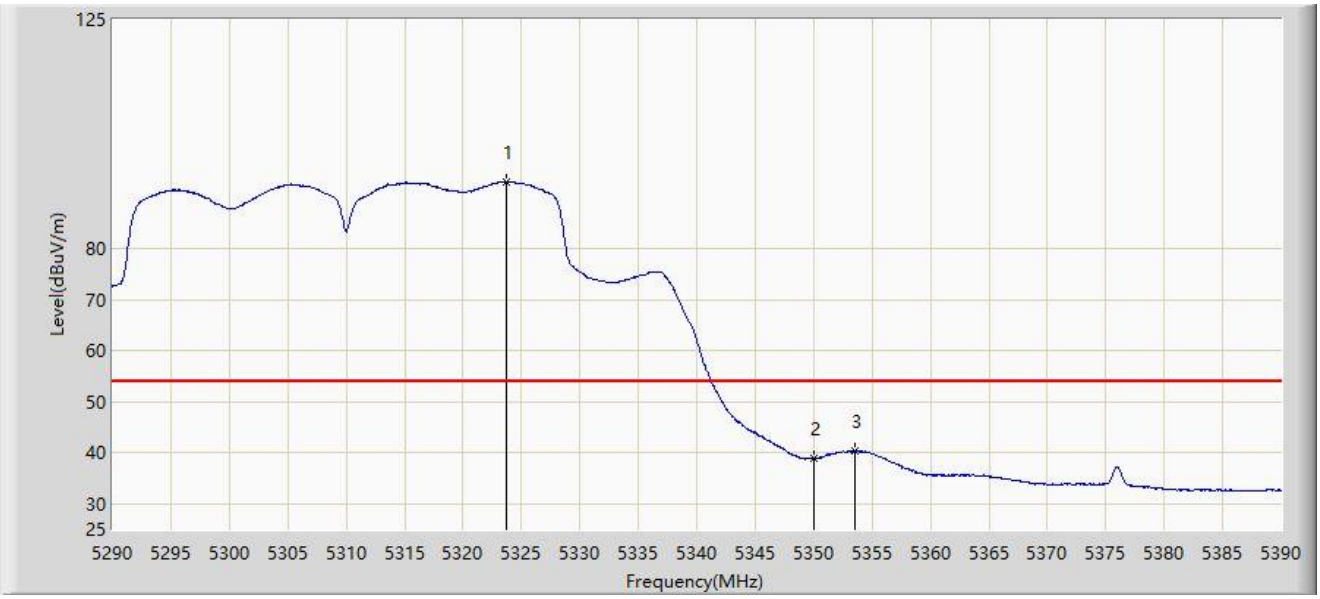
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5323.750	102.717	58.825	N/A	N/A	43.893	PK
2		5350.000	49.627	48.305	-24.373	74.000	1.322	PK
3	*	5353.200	53.158	52.896	-20.842	74.000	0.262	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



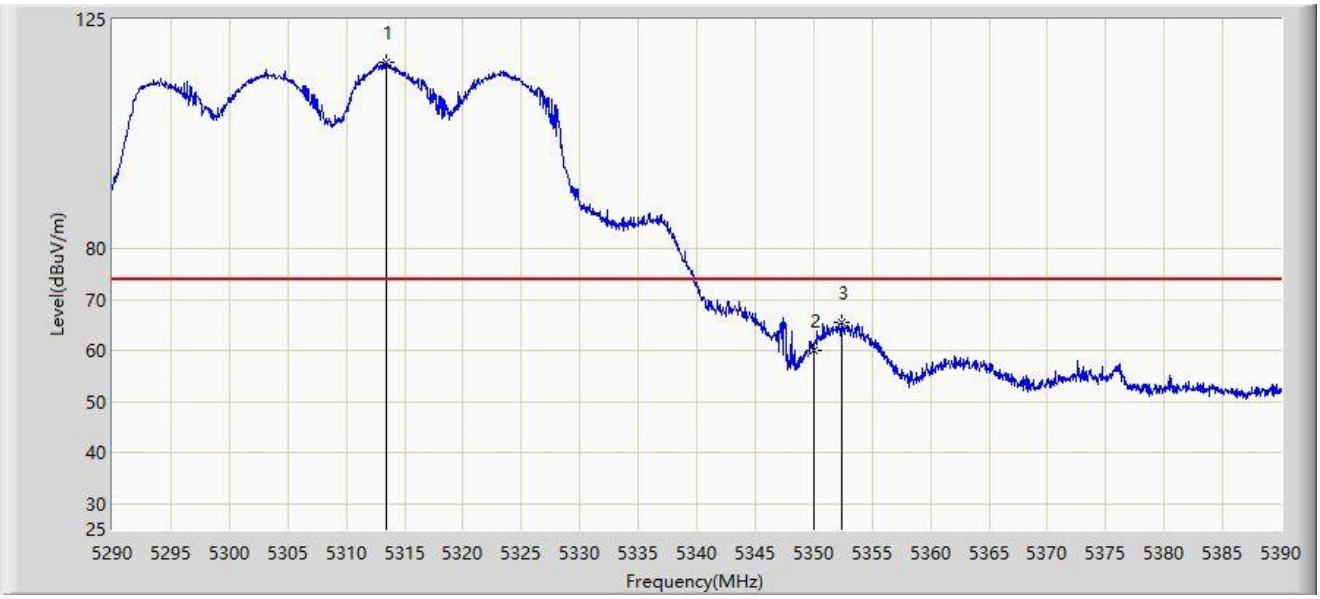
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5323.750	93.184	49.292	N/A	N/A	43.893	AV
2		5350.000	39.031	37.709	-14.969	54.000	1.322	AV
3	*	5353.550	40.390	40.215	-13.610	54.000	0.174	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



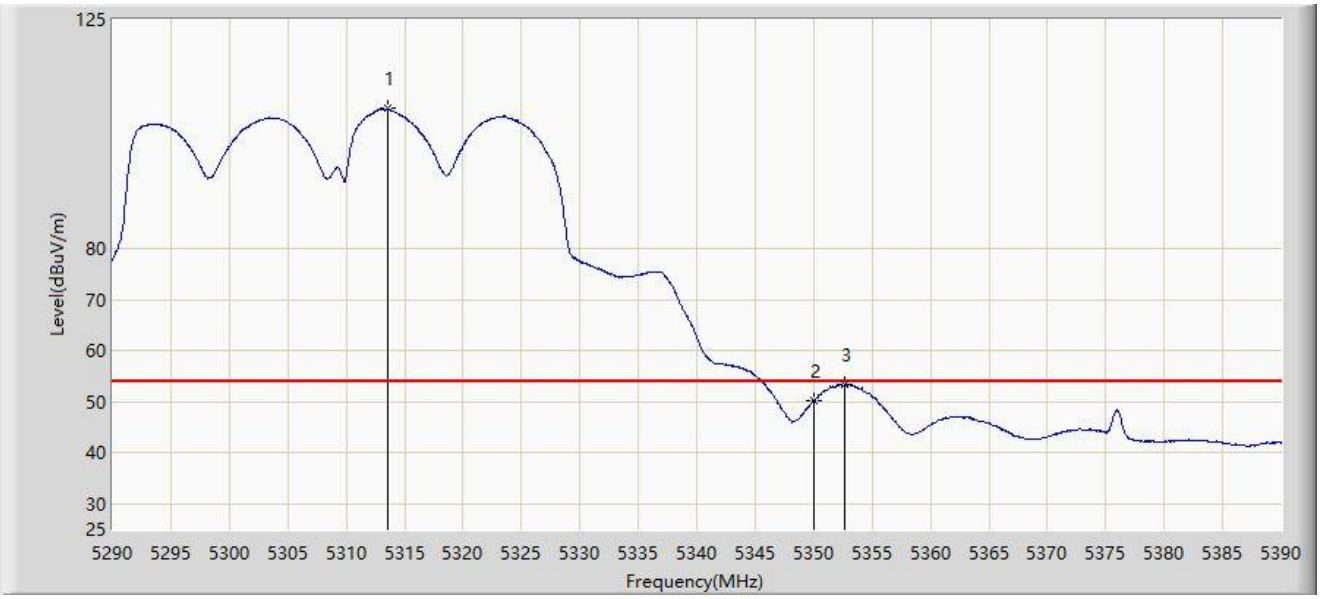
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5313.400	116.691	67.226	N/A	N/A	49.465	PK
2		5350.000	59.983	58.661	-14.017	74.000	1.322	PK
3	*	5352.450	65.476	64.994	-8.524	74.000	0.483	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



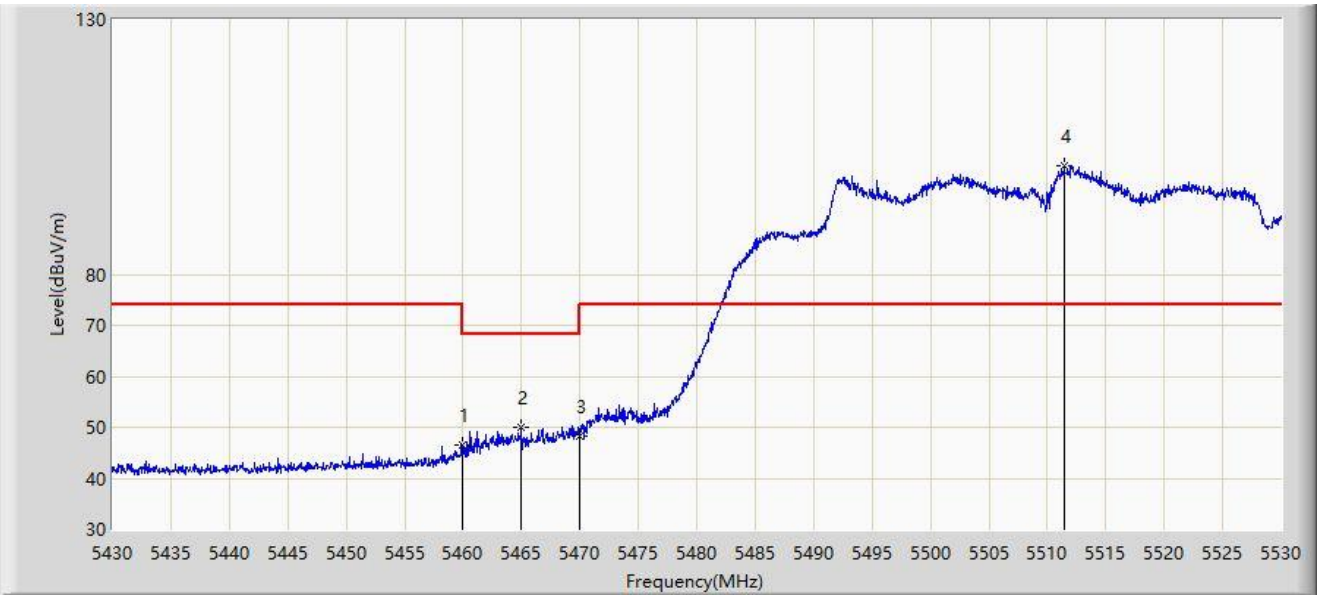
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5313.600	107.505	57.892	N/A	N/A	49.613	AV
2		5350.000	50.224	48.902	-3.776	54.000	1.322	AV
3	*	5352.700	53.393	52.985	-0.607	54.000	0.408	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



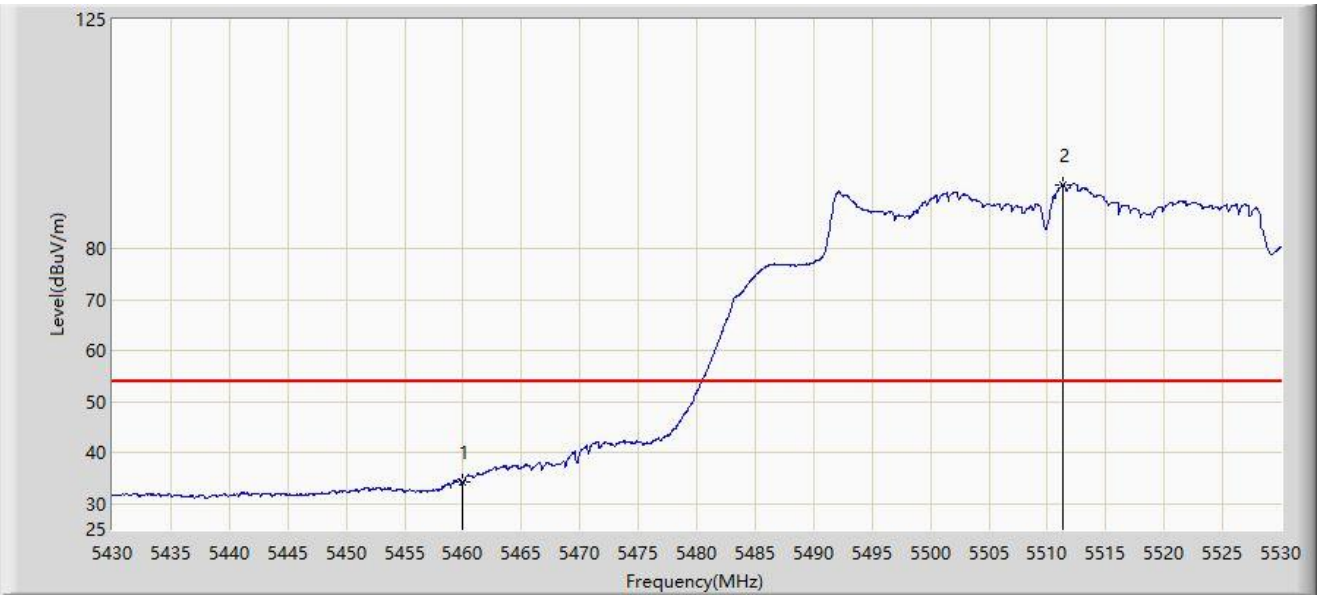
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5460.000	46.551	47.442	-27.449	74.000	-0.891	PK
2	*	5464.950	50.098	50.361	-18.102	68.200	-0.262	PK
3		5470.000	48.243	47.421	-19.957	68.200	0.823	PK
4		5511.450	101.324	59.102	N/A	N/A	42.222	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



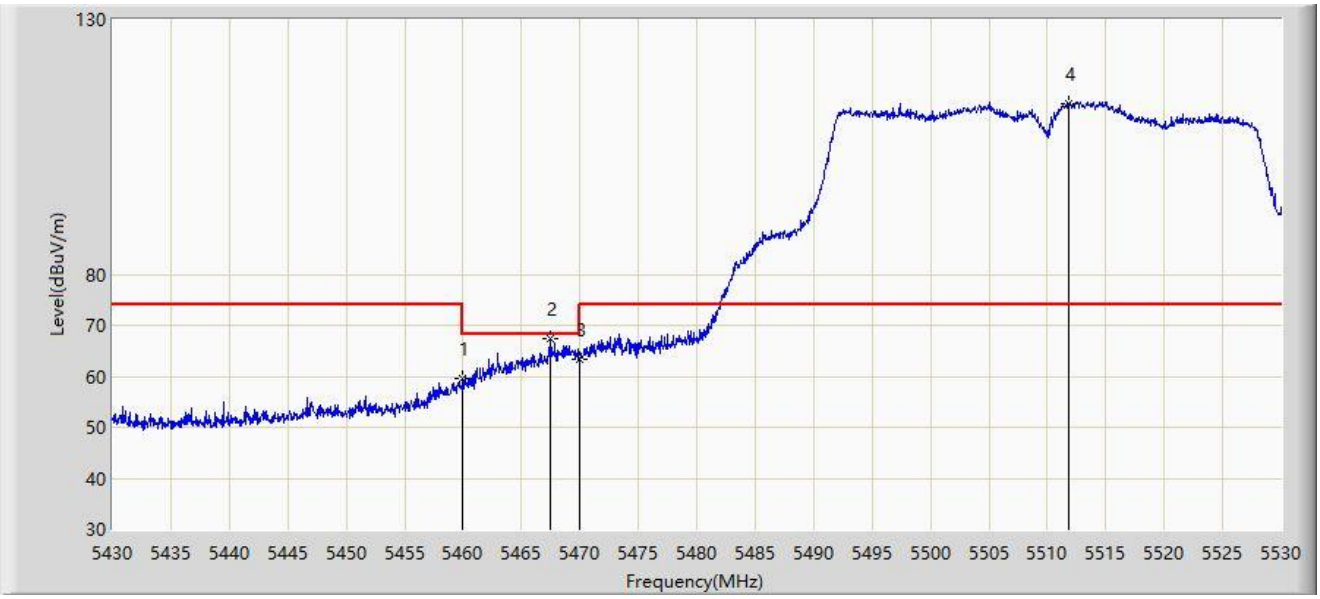
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5460.000	34.170	35.061	-19.830	54.000	-0.891	AV
2		5511.350	92.566	50.414	N/A	N/A	42.152	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



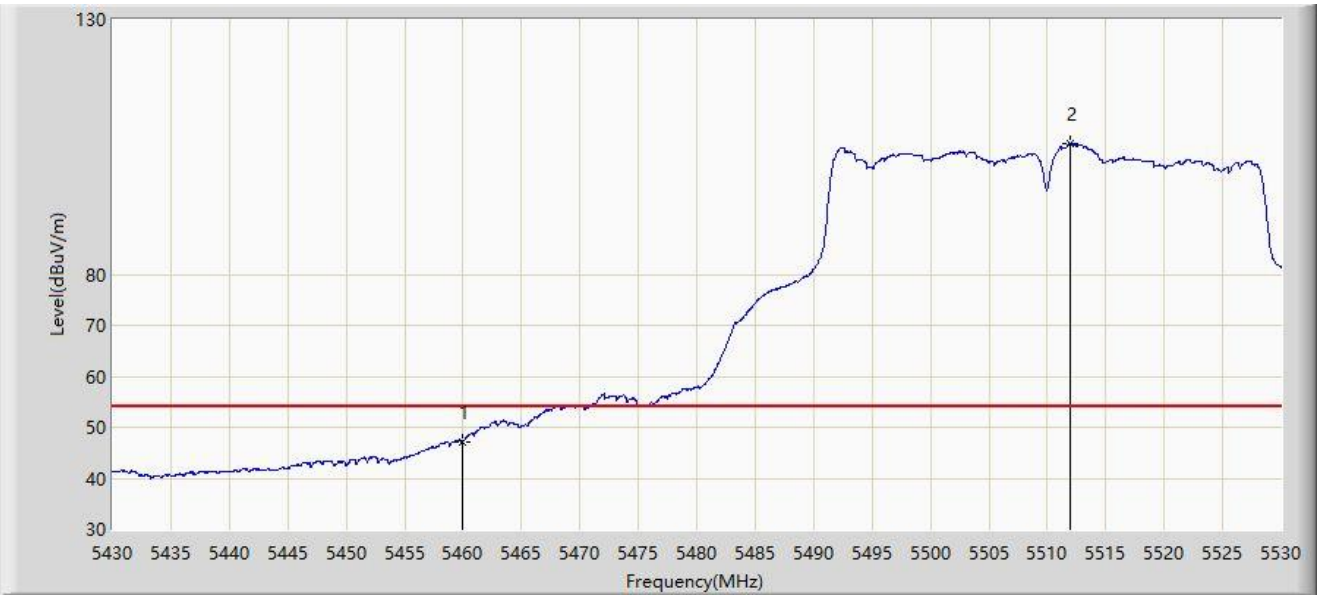
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5460.000	59.554	60.445	-14.446	74.000	-0.891	PK
2	*	5467.500	67.385	67.168	-0.815	68.200	0.218	PK
3		5470.000	63.243	62.421	-4.957	68.200	0.823	PK
4		5511.850	113.393	70.804	N/A	N/A	42.590	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



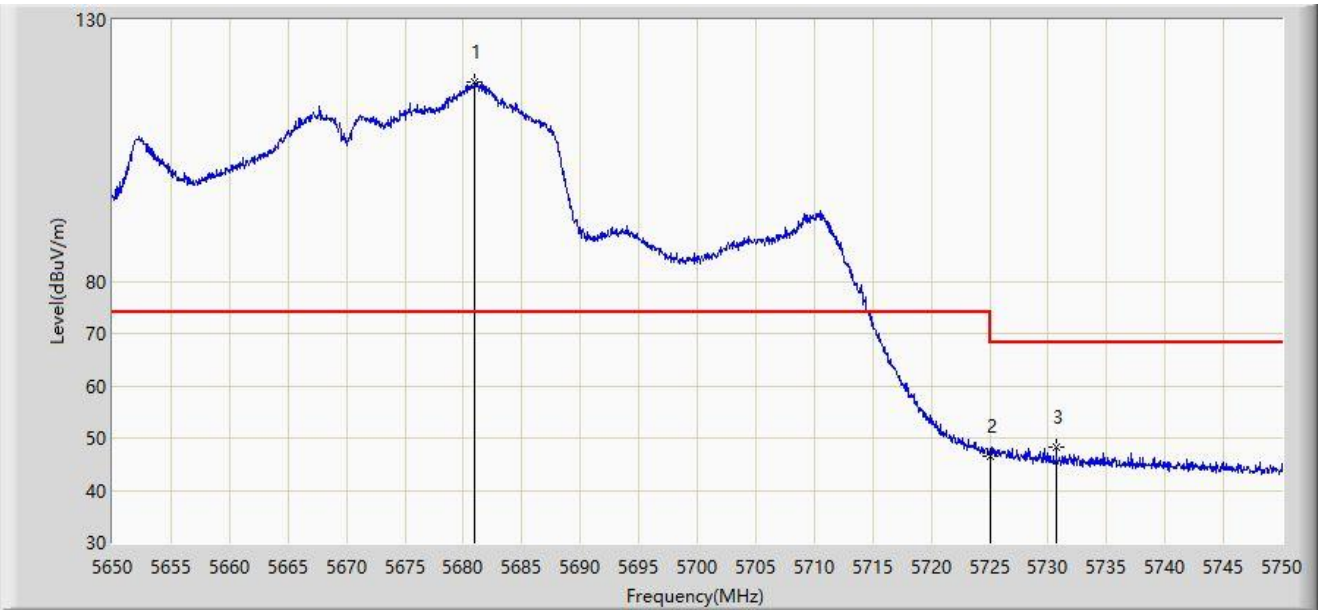
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5460.000	47.171	48.062	-6.829	54.000	-0.891	AV
2		5511.900	105.660	63.018	N/A	N/A	42.642	AV

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



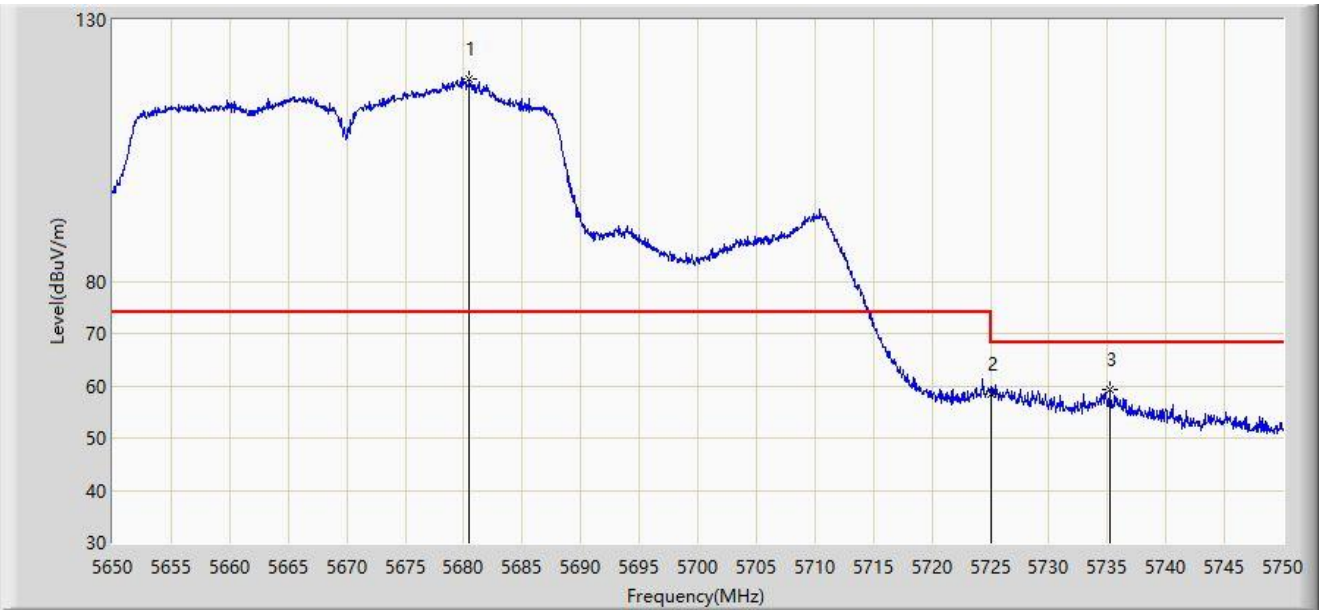
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5681.000	118.023	73.306	N/A	N/A	44.717	PK
2		5725.000	46.660	48.255	-21.540	68.200	-1.596	PK
3	*	5730.700	48.176	51.701	-20.024	68.200	-3.524	PK

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



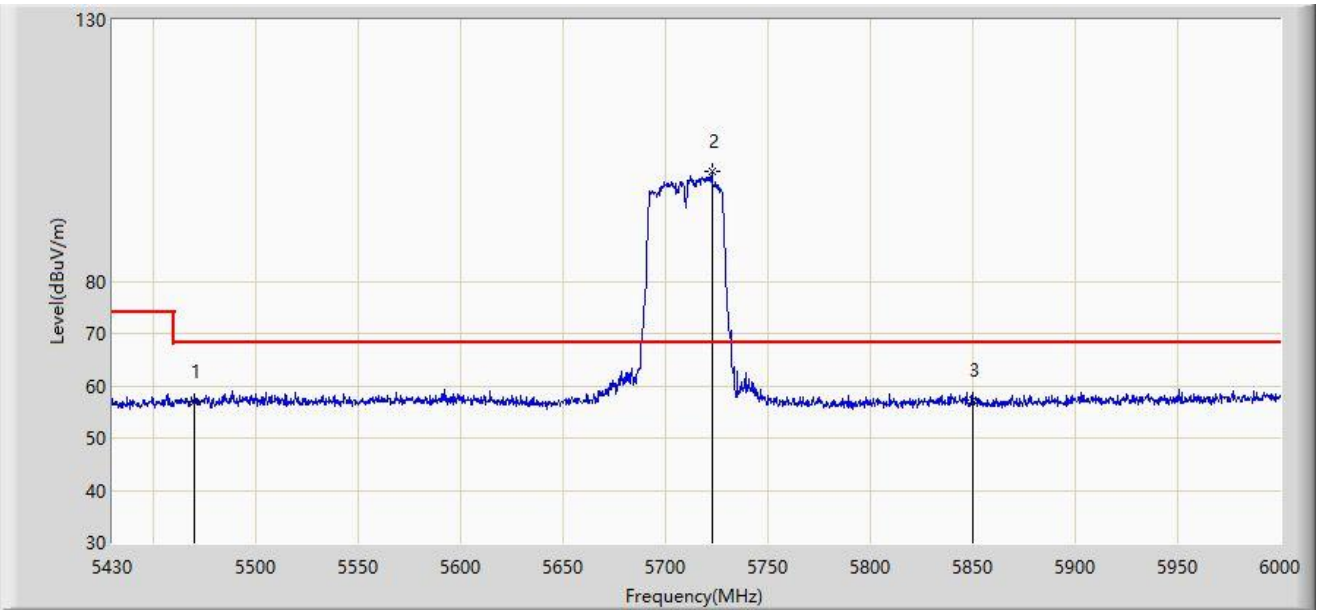
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5680.450	118.789	74.789	N/A	N/A	44.000	PK
2		5725.000	58.467	60.062	-9.733	68.200	-1.596	PK
3	*	5735.250	59.260	63.299	-8.940	68.200	-4.039	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5710MHz	



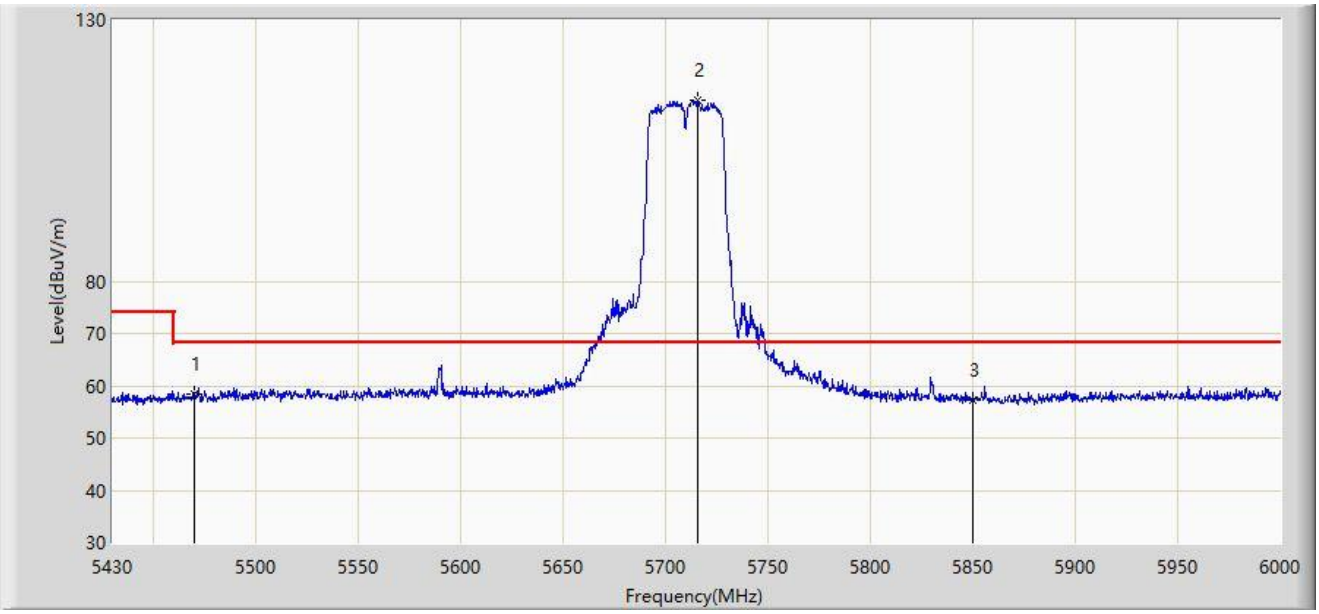
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5470.000	56.990	50.537	-11.210	68.200	6.453	PK
2		5722.695	100.914	94.427	N/A	N/A	6.486	PK
3	*	5850.000	57.330	50.251	-10.870	68.200	7.080	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5710MHz	



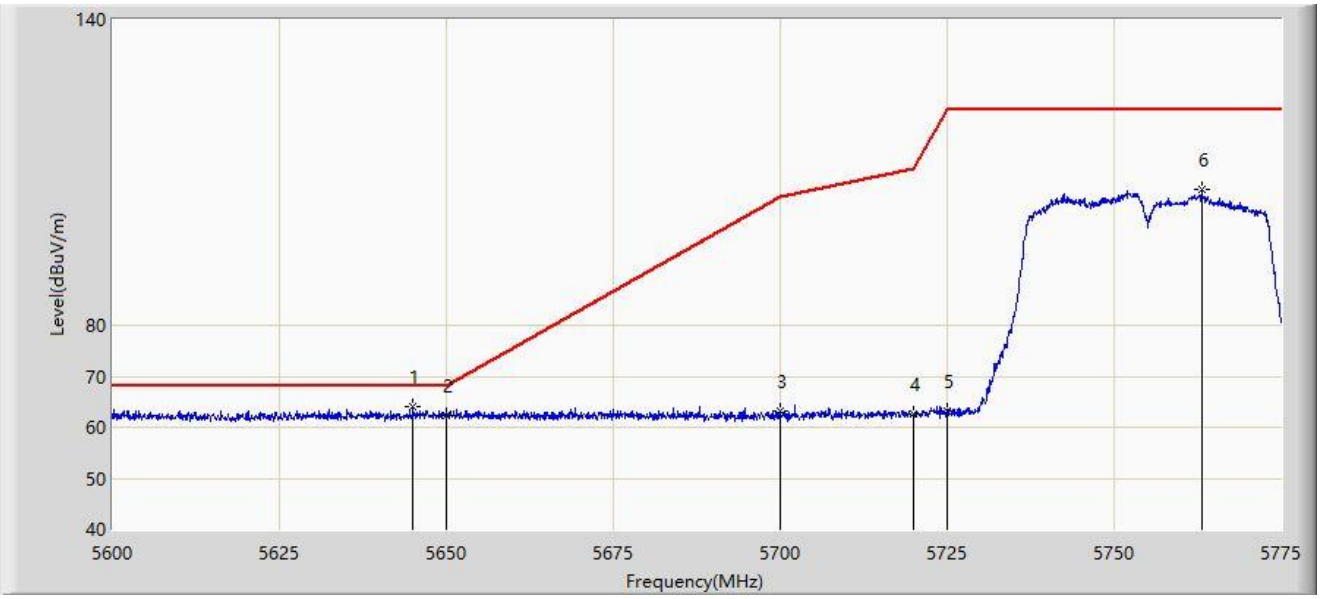
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5470.000	58.466	52.013	-9.734	68.200	6.453	PK
2		5715.570	114.636	108.168	N/A	N/A	6.469	PK
3		5850.000	57.138	50.059	-11.062	68.200	7.080	PK

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: SIP-AC2	Test Date: 2022-07-20
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



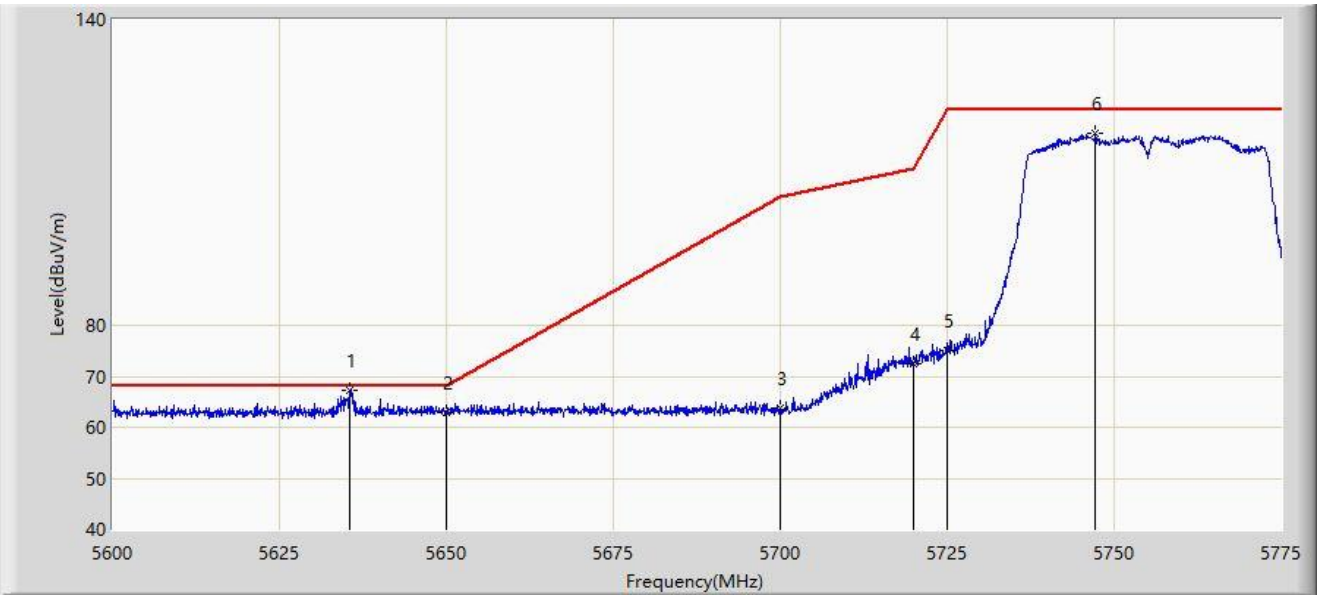
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5644.975	64.057	65.360	-4.143	68.200	-1.303	PK
2		5650.000	62.372	63.629	-5.828	68.200	-1.257	PK
3		5700.000	63.082	64.365	-42.118	105.200	-1.283	PK
4		5720.000	62.623	63.850	-48.177	110.800	-1.228	PK
5		5725.000	63.217	64.421	-58.983	122.200	-1.204	PK
6		5763.100	106.607	107.664	N/A	N/A	-1.058	PK

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

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

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

Site: SIP-AC2	Test Date: 2022-07-20
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



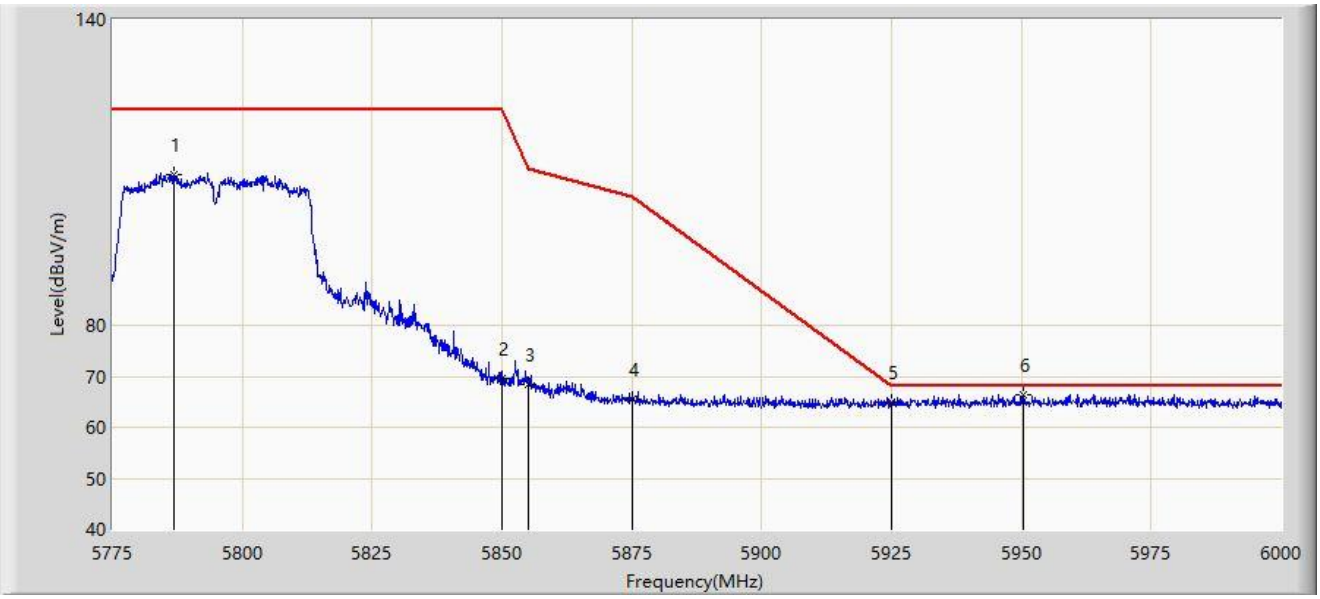
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5635.612	67.306	68.666	-0.894	68.200	-1.360	PK
2		5650.000	62.840	64.097	-5.360	68.200	-1.257	PK
3		5700.000	63.643	64.926	-41.557	105.200	-1.283	PK
4		5720.000	72.339	73.566	-38.461	110.800	-1.228	PK
5		5725.000	75.113	76.317	-47.087	122.200	-1.204	PK
6		5747.175	117.659	118.842	N/A	N/A	-1.183	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



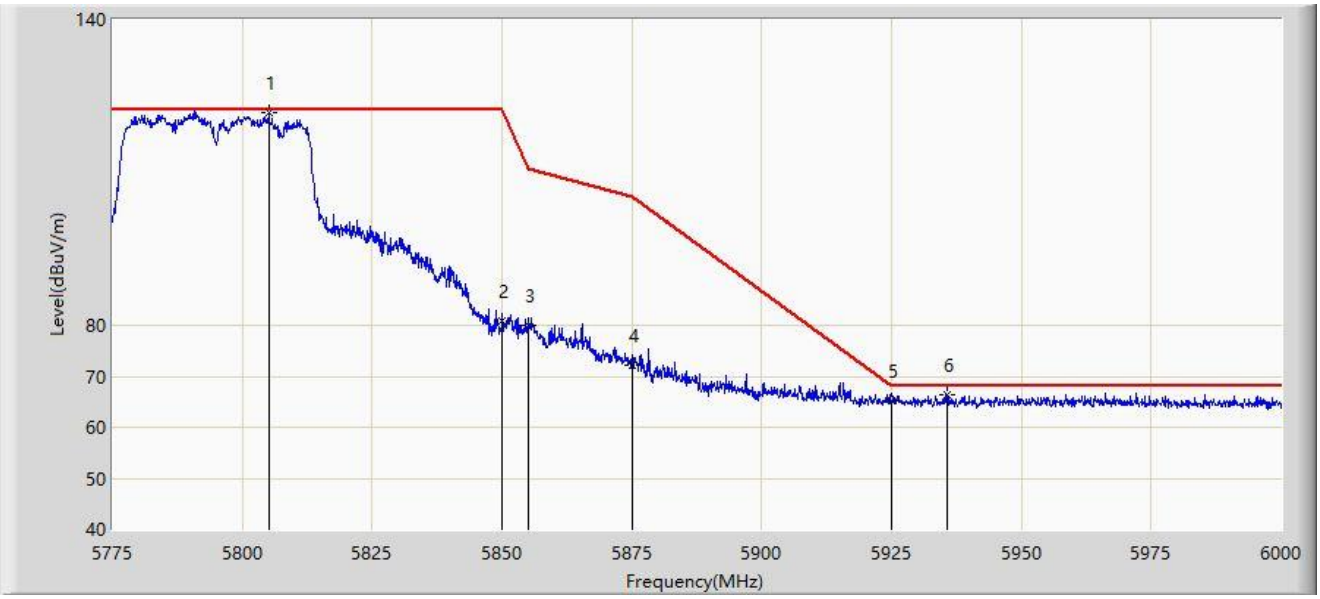
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5786.812	109.543	113.168	N/A	N/A	-3.625	PK
2		5850.000	69.695	73.443	-52.505	122.200	-3.747	PK
3		5855.000	68.549	72.289	-42.251	110.800	-3.740	PK
4		5875.000	65.436	69.025	-39.764	105.200	-3.589	PK
5		5925.000	64.808	68.398	-3.392	68.200	-3.589	PK
6	*	5950.275	66.427	69.770	-1.773	68.200	-3.344	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



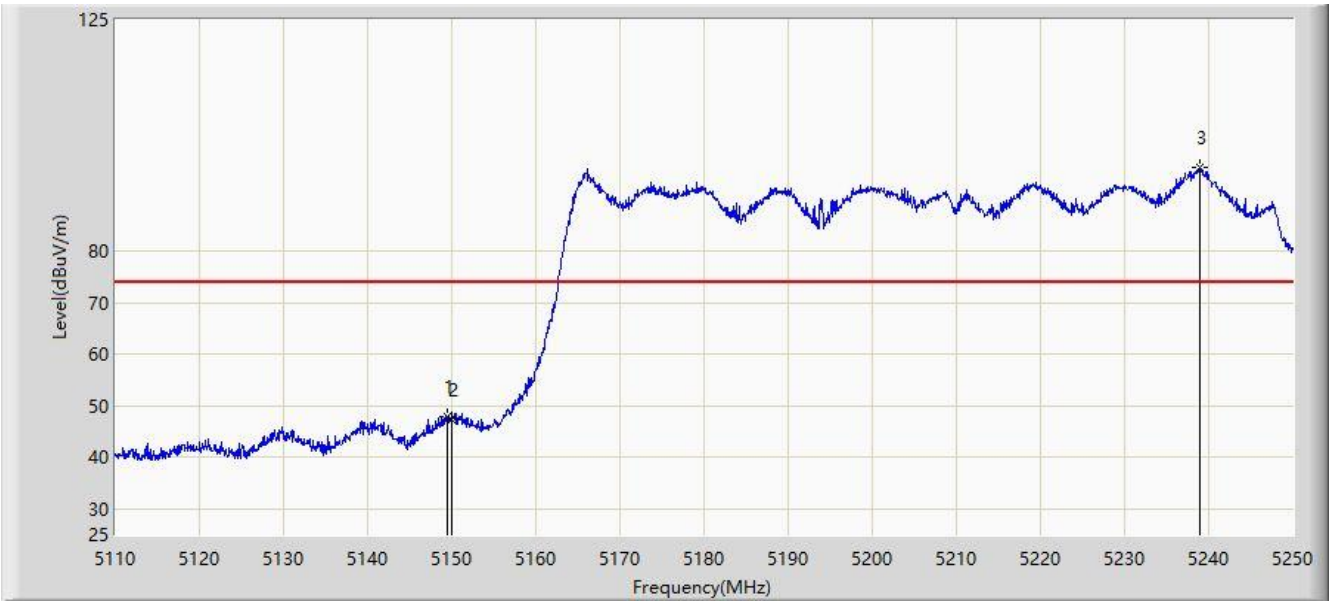
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5805.038	121.811	125.248	N/A	N/A	-3.437	PK
2		5850.000	80.802	84.550	-41.398	122.200	-3.747	PK
3		5855.000	79.968	83.708	-30.832	110.800	-3.740	PK
4		5875.000	72.075	75.664	-33.125	105.200	-3.589	PK
5		5925.000	65.132	68.722	-3.068	68.200	-3.589	PK
6	*	5935.763	66.450	69.926	-1.750	68.200	-3.477	PK

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

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

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

Site: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



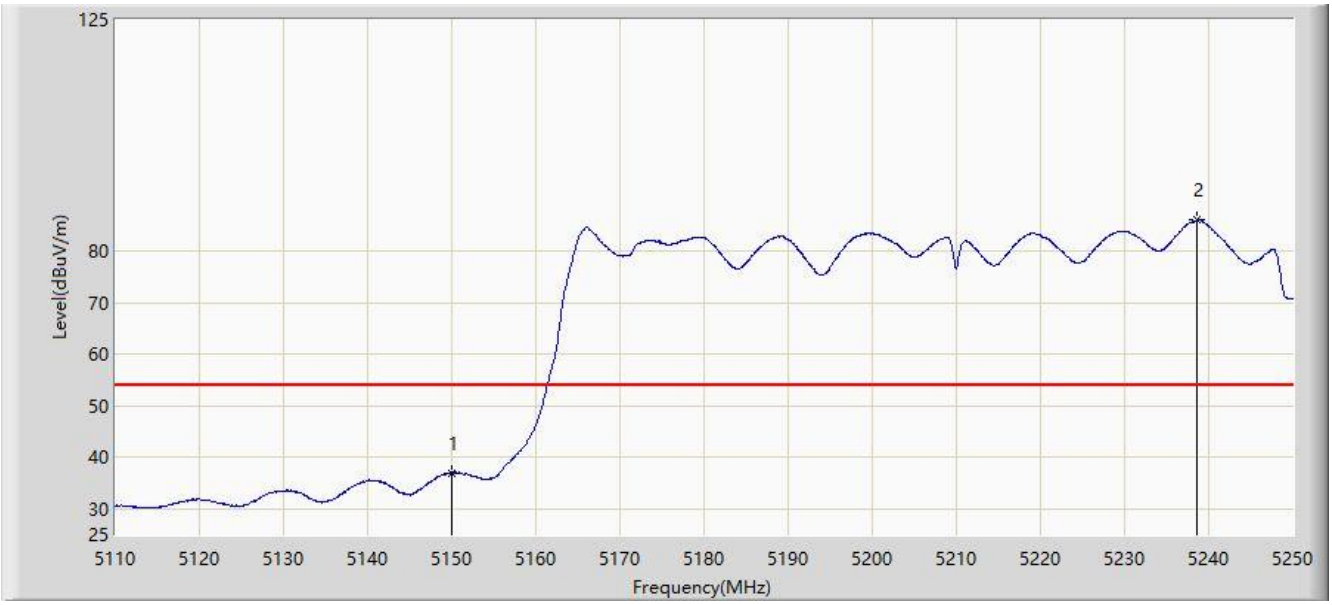
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.410	47.958	48.372	-26.042	74.000	-0.414	PK
2		5150.000	47.176	47.478	-26.824	74.000	-0.302	PK
3		5238.940	96.190	45.539	N/A	N/A	50.651	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



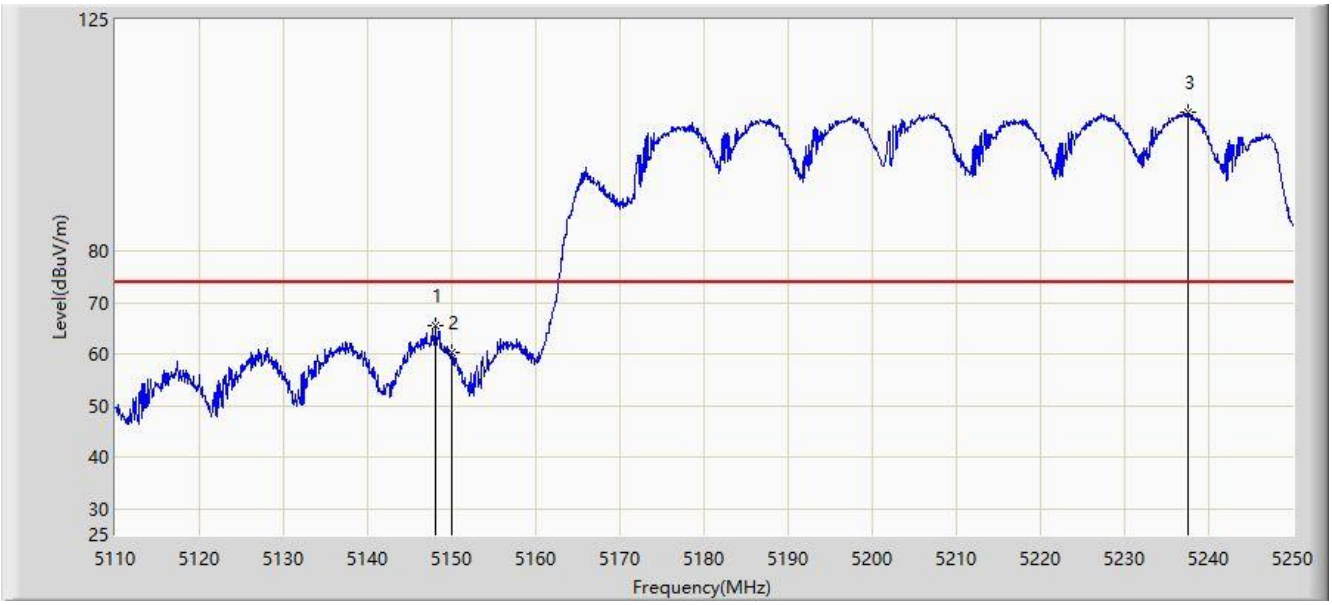
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	37.004	37.306	-16.996	54.000	-0.302	AV
2		5238.590	86.028	35.772	N/A	N/A	50.257	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



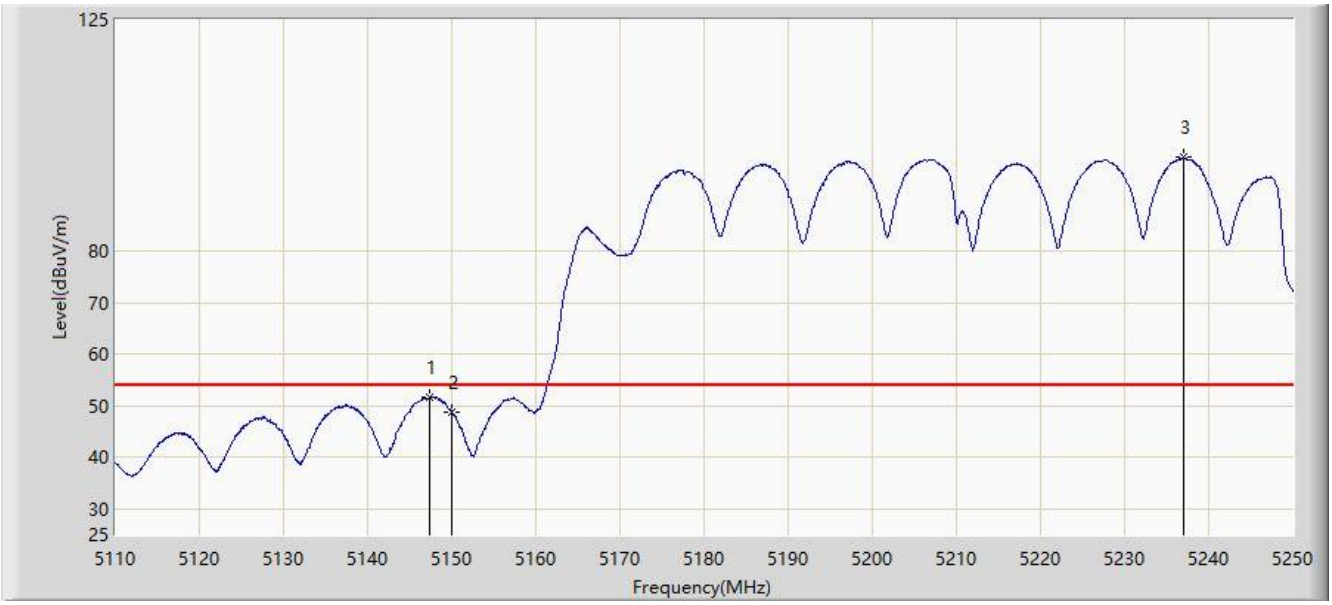
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.010	65.668	66.338	-8.332	74.000	-0.670	PK
2		5150.000	60.253	60.555	-13.747	74.000	-0.302	PK
3		5237.610	107.063	58.315	N/A	N/A	48.748	PK

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

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

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

Site: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



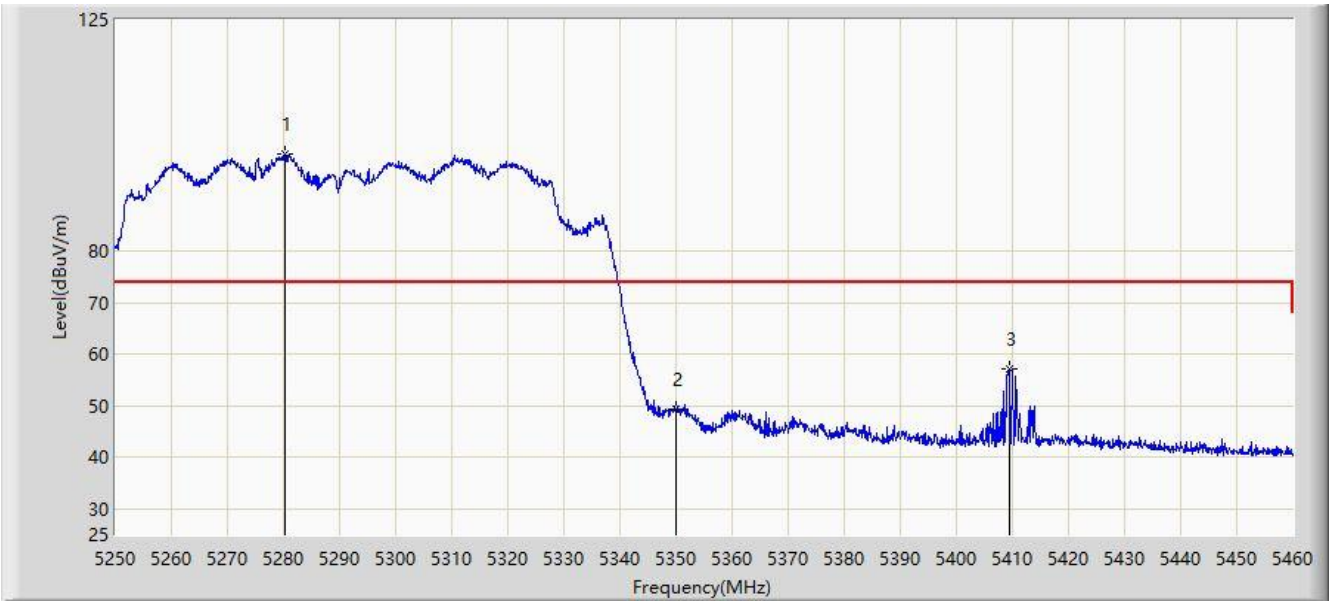
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.310	51.767	52.520	-2.233	54.000	-0.753	AV
2		5150.000	48.891	49.193	-5.109	54.000	-0.302	AV
3		5237.050	98.224	50.494	N/A	N/A	47.731	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



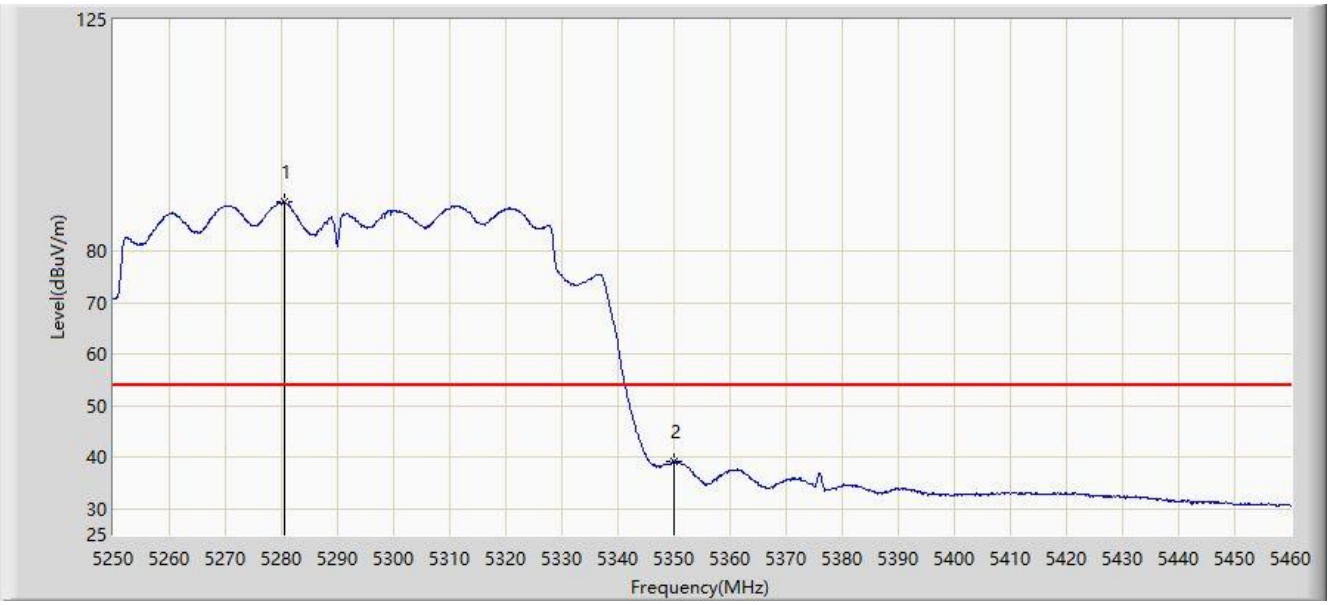
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5280.240	98.817	50.385	N/A	N/A	48.433	PK
2		5350.000	49.352	48.030	-24.648	74.000	1.322	PK
3	*	5409.495	57.190	59.785	-16.810	74.000	-2.595	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



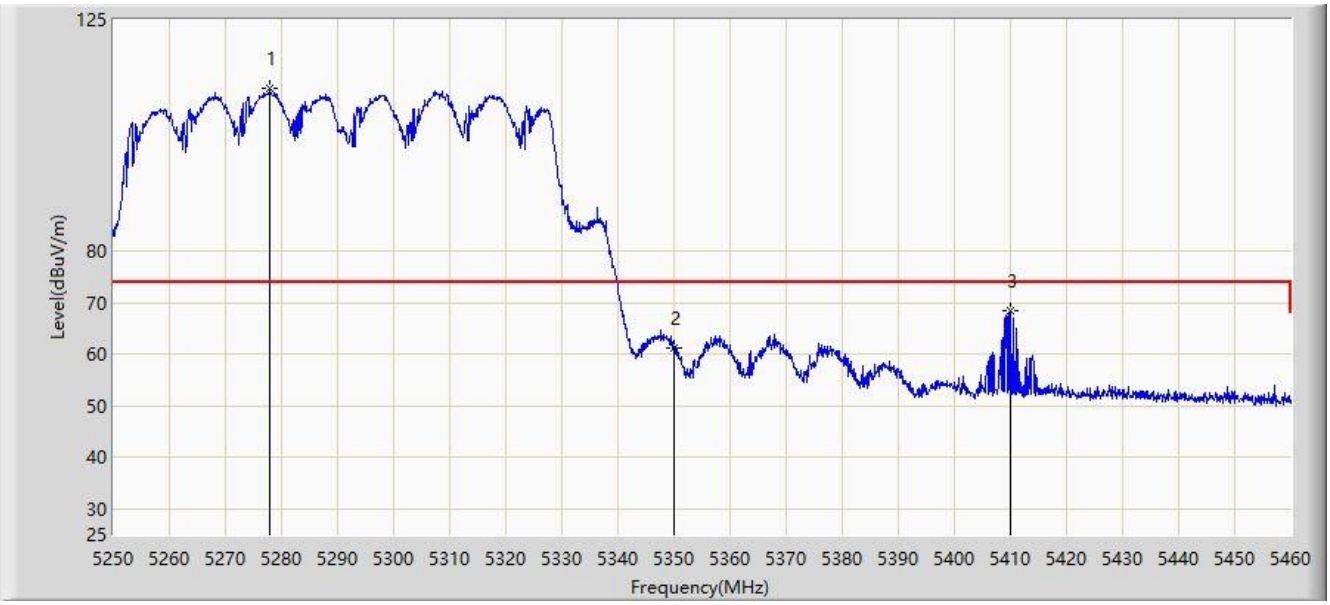
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5280.555	89.548	40.775	N/A	N/A	48.772	AV
2	*	5350.000	39.127	37.805	-14.873	54.000	1.322	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



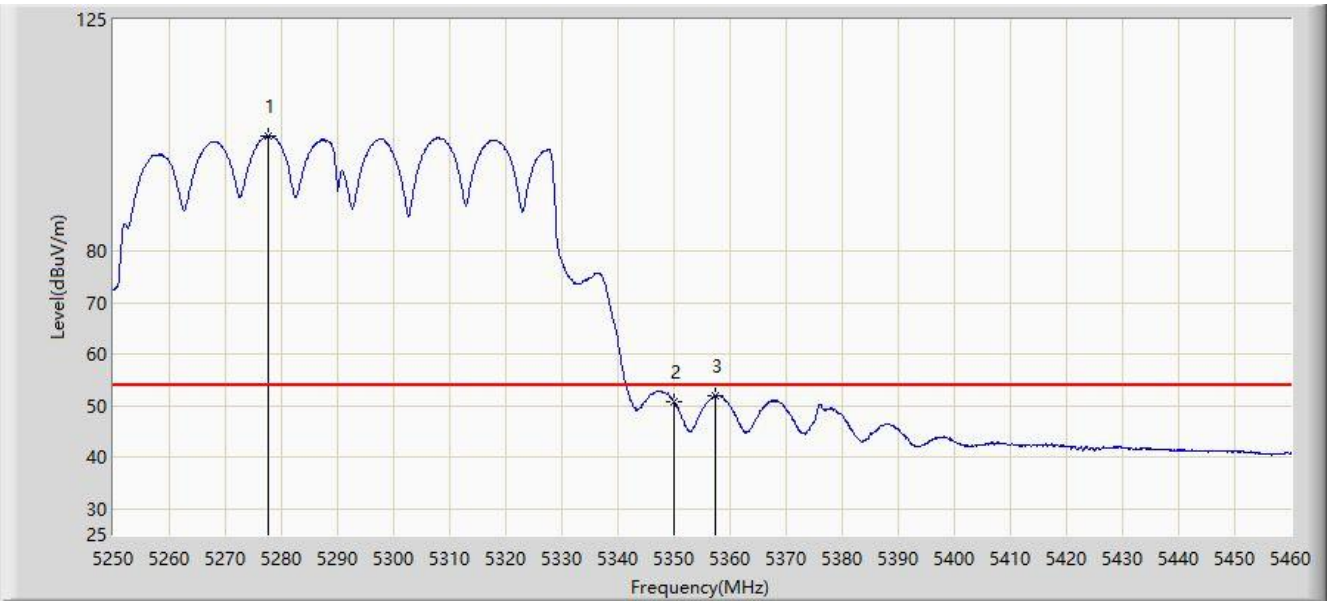
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5277.930	111.715	66.359	N/A	N/A	45.357	PK
2		5350.000	61.324	60.002	-12.676	74.000	1.322	PK
3	*	5409.915	68.598	71.186	-5.402	74.000	-2.588	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



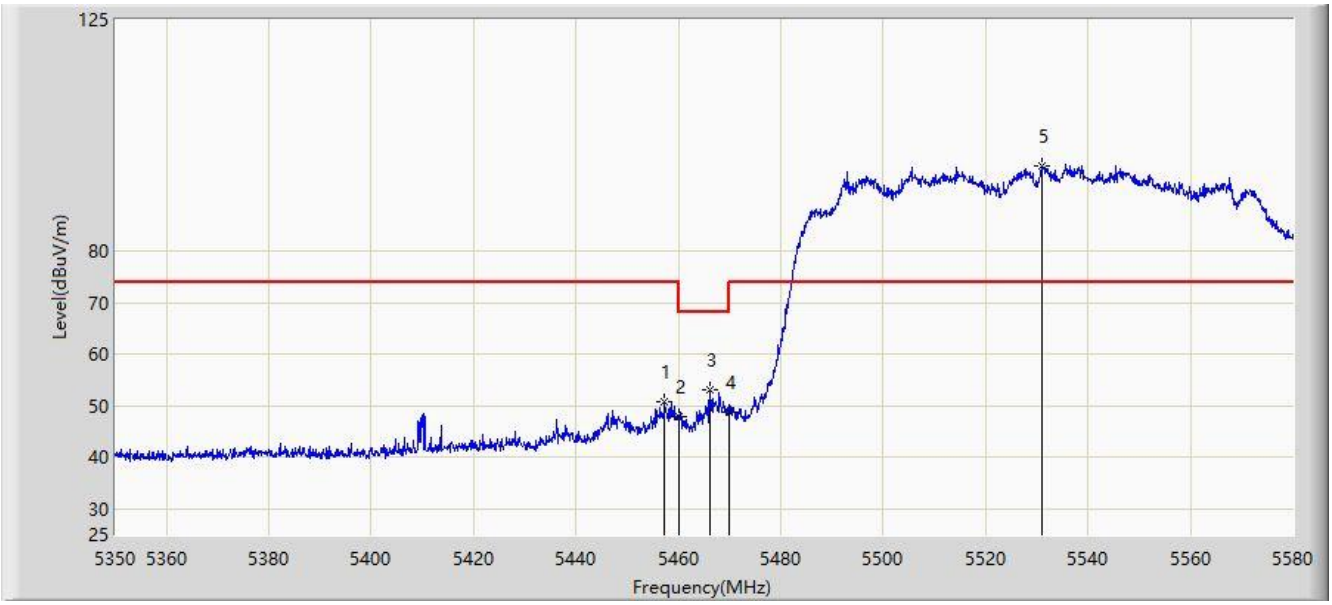
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5277.615	102.339	57.362	N/A	N/A	44.977	AV
2		5350.000	50.790	49.468	-3.210	54.000	1.322	AV
3	*	5357.310	51.985	52.527	-2.015	54.000	-0.542	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	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		5457.295	50.908	52.034	-23.092	74.000	-1.126	PK
2		5460.000	47.938	48.829	-26.062	74.000	-0.891	PK
3	*	5466.035	53.154	53.239	-15.046	68.200	-0.085	PK
4		5470.000	48.766	47.944	-19.434	68.200	0.823	PK
5		5531.010	96.501	45.994	N/A	N/A	50.508	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	

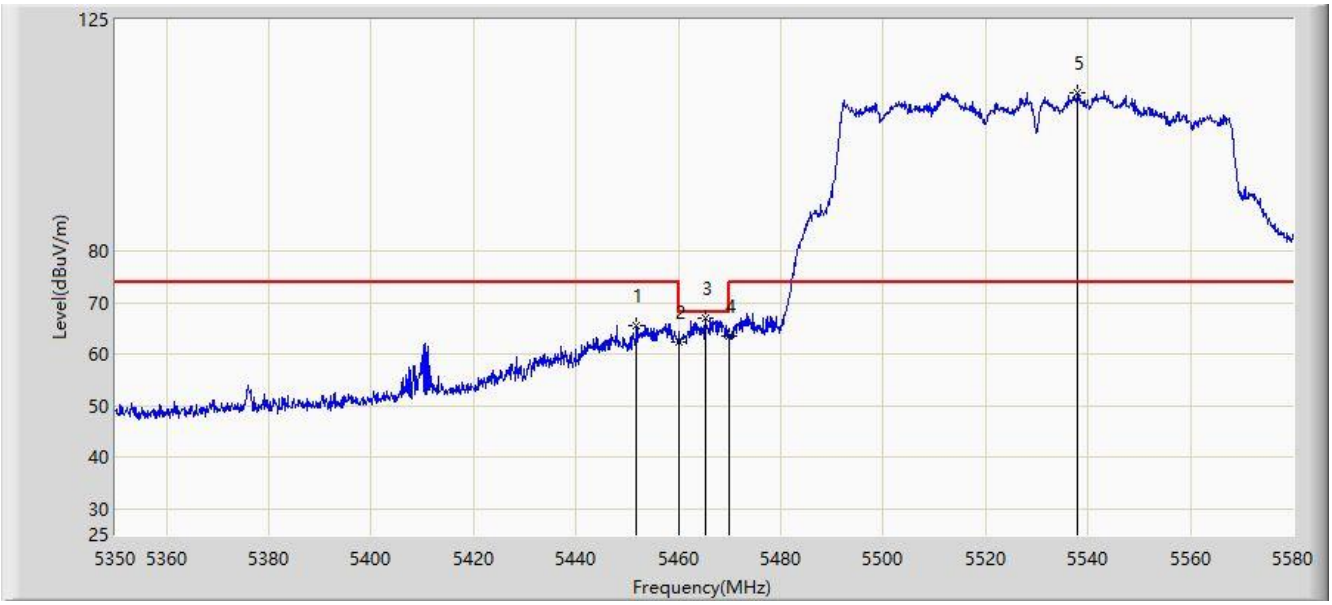
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5457.525	38.560	39.680	-15.440	54.000	-1.120	AV
2		5460.000	37.167	38.058	-16.833	54.000	-0.891	AV
3		5536.530	88.220	44.510	N/A	N/A	43.709	AV

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



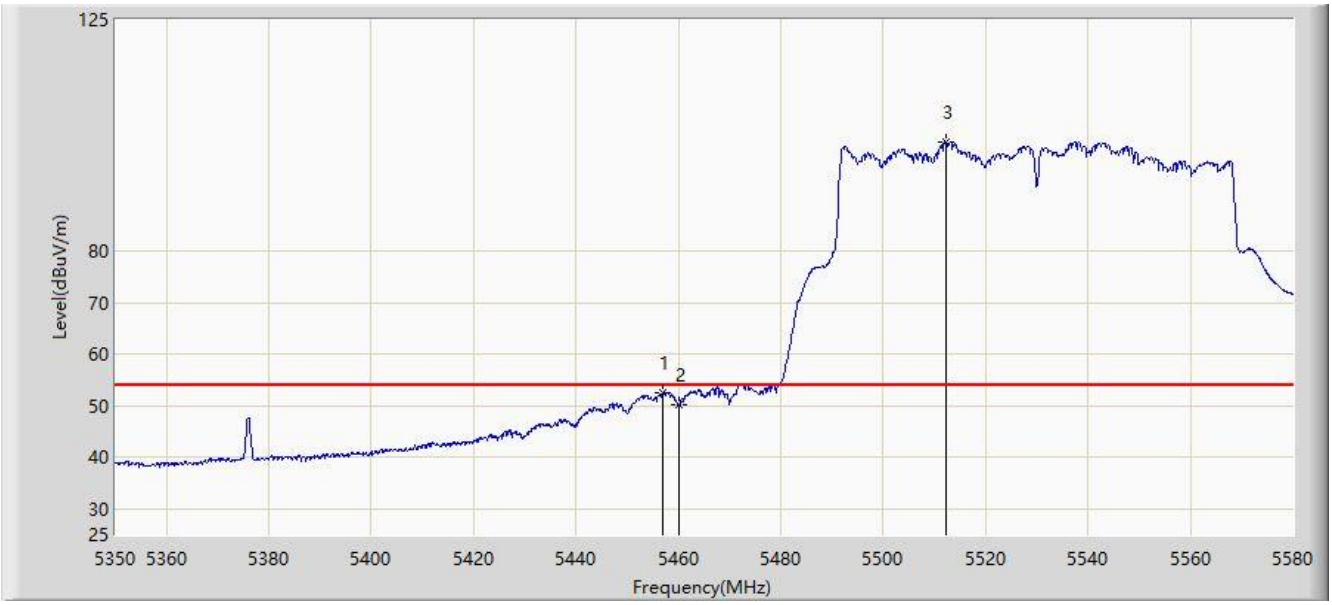
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5451.775	65.701	67.037	-8.299	74.000	-1.336	PK
2		5460.000	62.324	63.215	-11.676	74.000	-0.891	PK
3	*	5465.230	66.951	67.139	-1.249	68.200	-0.188	PK
4		5470.000	63.444	62.622	-4.756	68.200	0.823	PK
5		5538.025	110.739	68.389	N/A	N/A	42.350	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



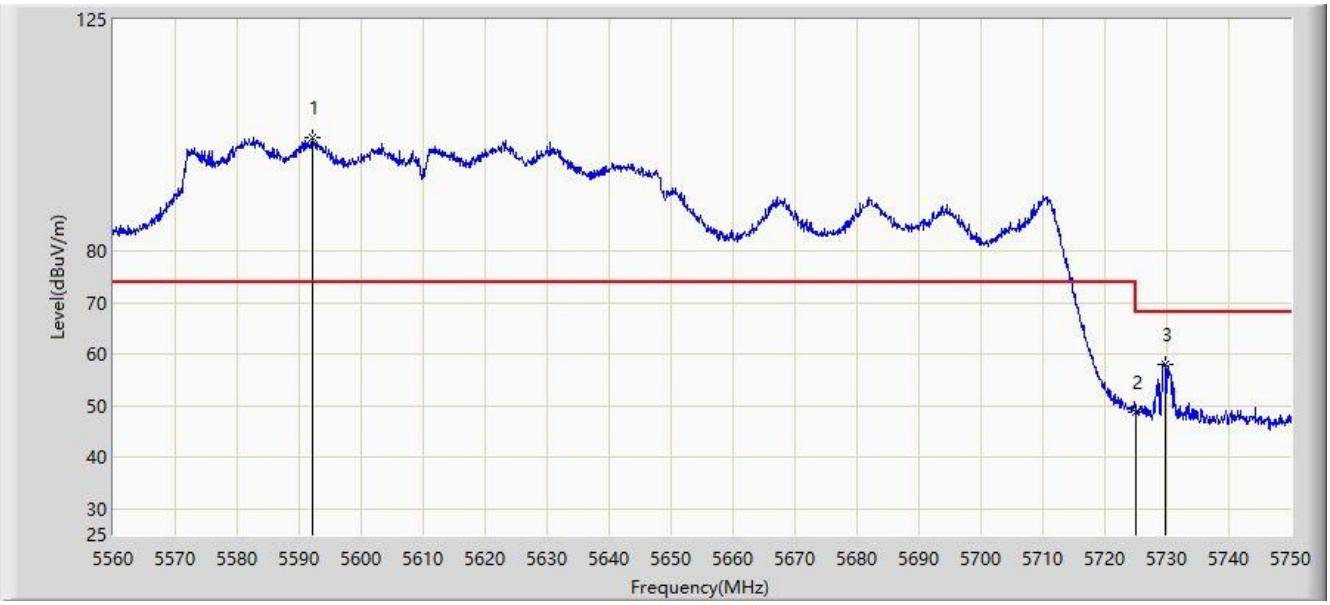
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5457.065	52.572	53.705	-1.428	54.000	-1.134	AV
2		5460.000	50.223	51.114	-3.777	54.000	-0.891	AV
3		5512.265	101.202	58.279	N/A	N/A	42.924	AV

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: SIP-AC2	Test Date: 2022-07-20
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



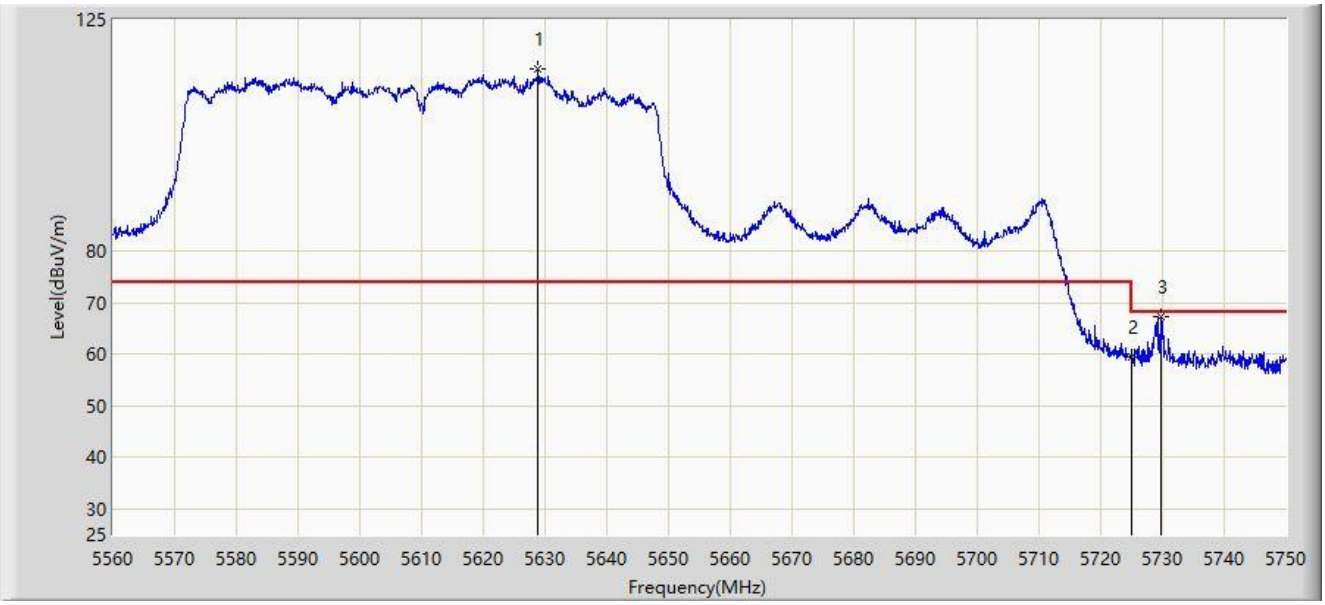
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5592.205	101.990	52.130	N/A	N/A	49.859	PK
2		5725.000	48.720	46.155	-19.480	68.200	2.565	PK
3	*	5729.765	58.100	57.320	-10.100	68.200	0.780	PK

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: SIP-AC2	Test Date: 2022-07-20
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



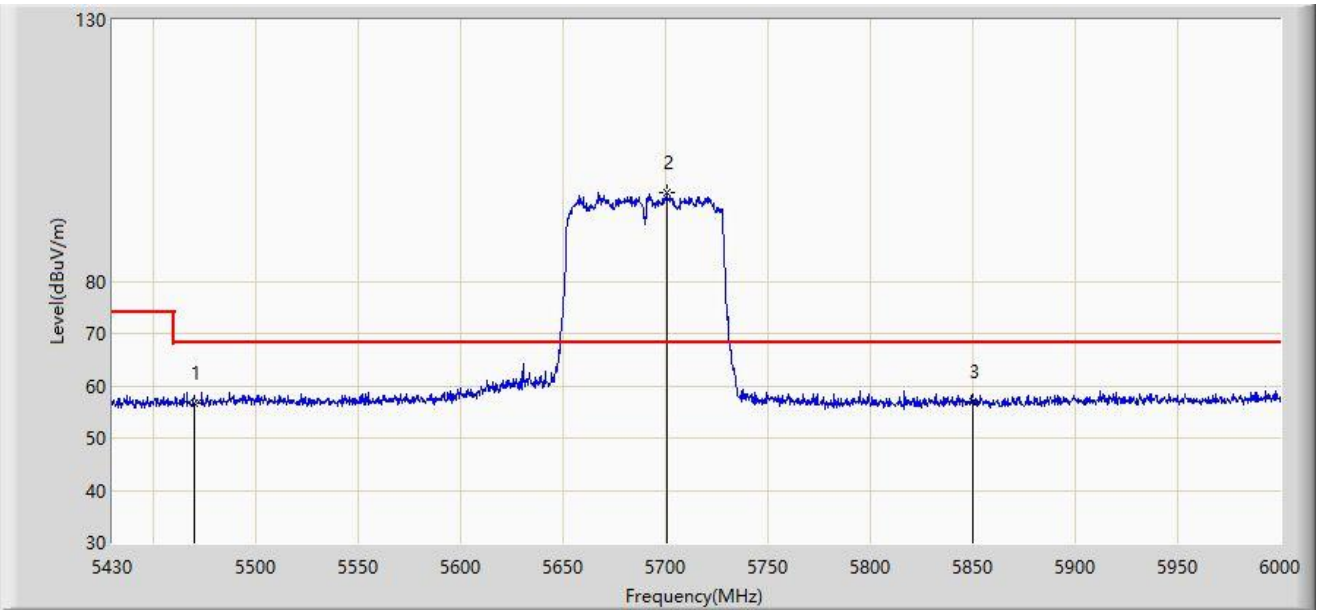
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5628.875	115.433	70.709	N/A	N/A	44.724	PK
2		5725.000	59.487	56.922	-8.713	68.200	2.565	PK
3	*	5729.670	67.450	66.653	-0.750	68.200	0.797	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5690MHz	



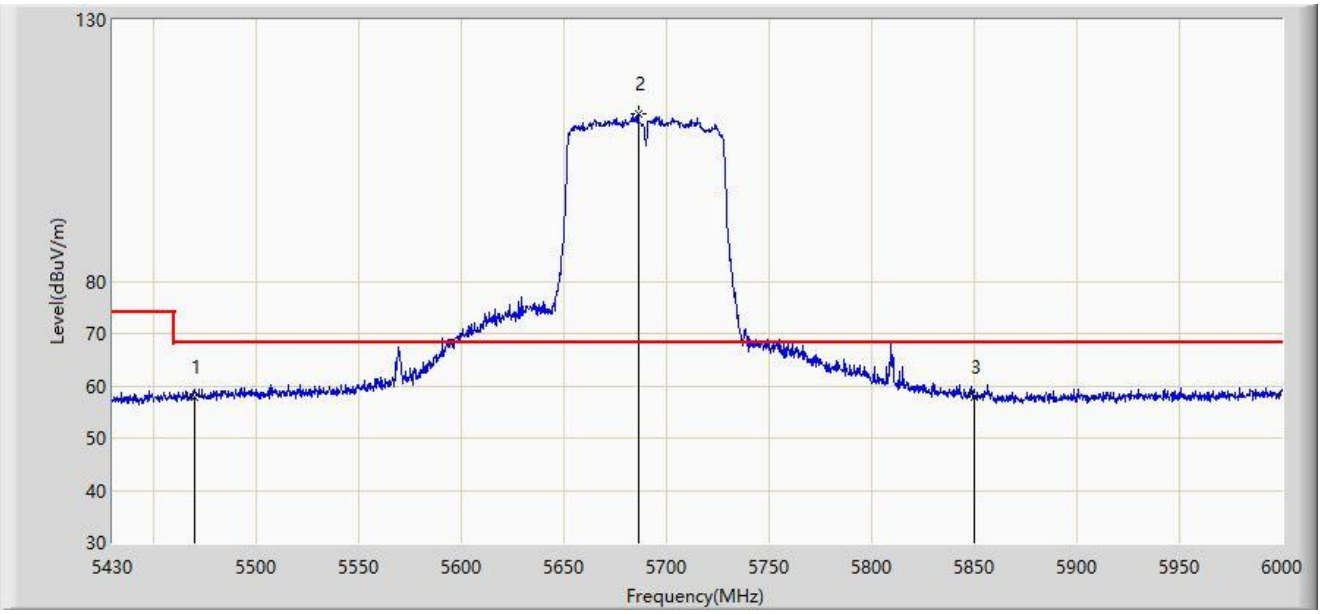
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5470.000	56.589	50.136	-11.611	68.200	6.453	PK
2		5700.750	97.049	90.574	N/A	N/A	6.475	PK
3	*	5850.000	57.030	49.951	-11.170	68.200	7.080	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5690MHz	



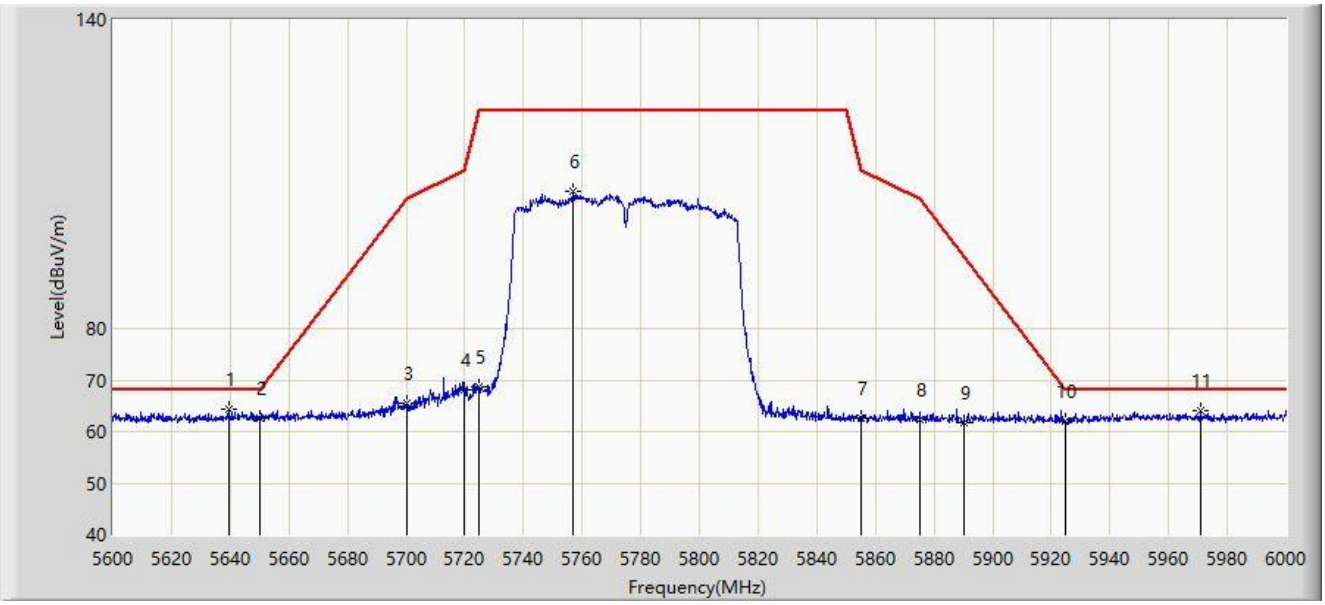
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5470.000	57.798	51.345	-10.402	68.200	6.453	PK
2		5686.215	112.034	105.522	N/A	N/A	6.511	PK
3	*	5850.000	57.860	50.781	-10.340	68.200	7.080	PK

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: SIP-AC2	Test Date: 2022-07-20
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: HF907_102862_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



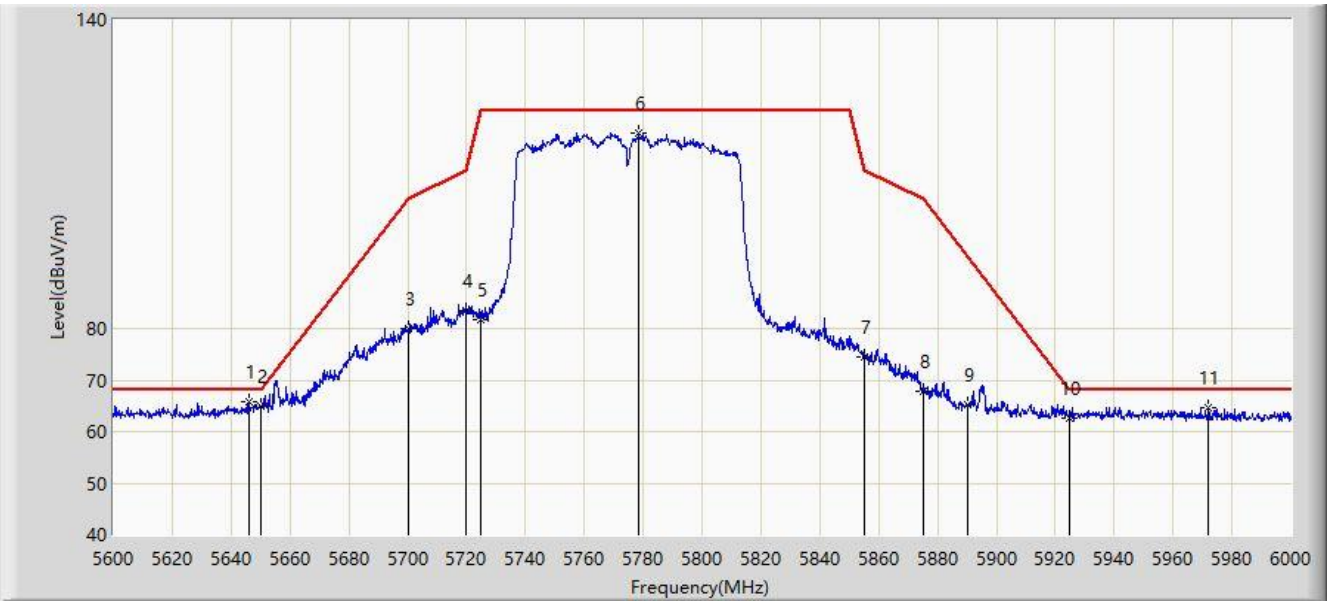
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5639.400	64.266	65.612	-3.934	68.200	-1.346	PK
2		5650.000	62.496	63.753	-5.704	68.200	-1.257	PK
3		5700.000	65.453	66.736	-39.747	105.200	-1.283	PK
4		5720.000	68.124	69.351	-42.676	110.800	-1.228	PK
5		5725.000	68.579	69.783	-53.621	122.200	-1.204	PK
6		5757.000	106.553	107.659	N/A	N/A	-1.106	PK
7		5855.000	62.539	63.629	-48.261	110.800	-1.090	PK
8		5875.000	62.313	63.287	-42.887	105.200	-0.974	PK
9		5890.000	61.884	62.833	-32.216	94.100	-0.950	PK
10		5925.000	62.023	63.053	-6.177	68.200	-1.029	PK
11		5971.000	63.979	64.750	-4.221	68.200	-0.770	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: SIP-AC2	Test Date: 2022-07-20
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: HF907_102862_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



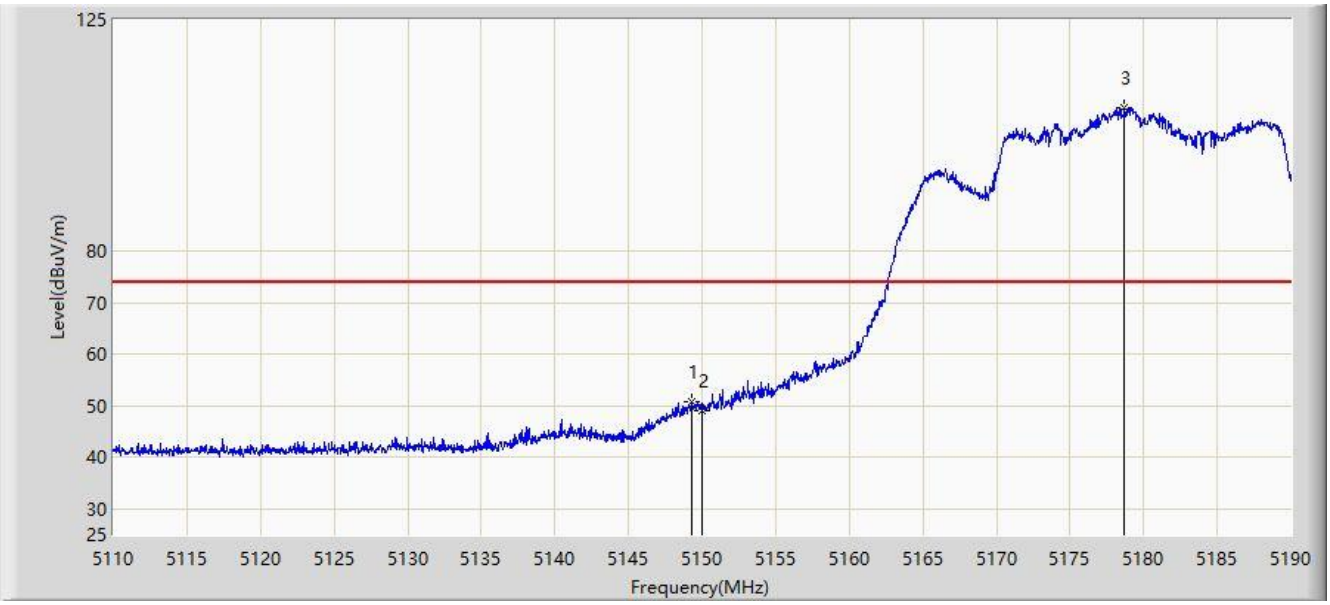
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5646.200	65.801	67.093	-2.399	68.200	-1.292	PK
2		5650.000	65.037	66.294	-3.163	68.200	-1.257	PK
3		5700.000	80.023	81.306	-25.177	105.200	-1.283	PK
4		5720.000	83.537	84.764	-27.263	110.800	-1.228	PK
5		5725.000	81.779	82.983	-40.421	122.200	-1.204	PK
6		5778.600	118.033	118.971	N/A	N/A	-0.938	PK
7		5855.000	74.535	75.625	-36.265	110.800	-1.090	PK
8		5875.000	67.895	68.869	-37.305	105.200	-0.974	PK
9		5890.000	65.143	66.092	-28.957	94.100	-0.950	PK
10		5925.000	62.666	63.696	-5.534	68.200	-1.029	PK
11		5972.000	64.779	65.563	-3.421	68.200	-0.784	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax³	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.280	50.916	51.357	-23.084	74.000	-0.441	PK
2		5150.000	49.012	49.314	-24.988	74.000	-0.302	PK
3		5178.680	107.819	63.454	N/A	N/A	44.365	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	38.645	38.947	-15.355	54.000	-0.302	AV
2		5179.000	96.127	51.752	N/A	N/A	44.375	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	

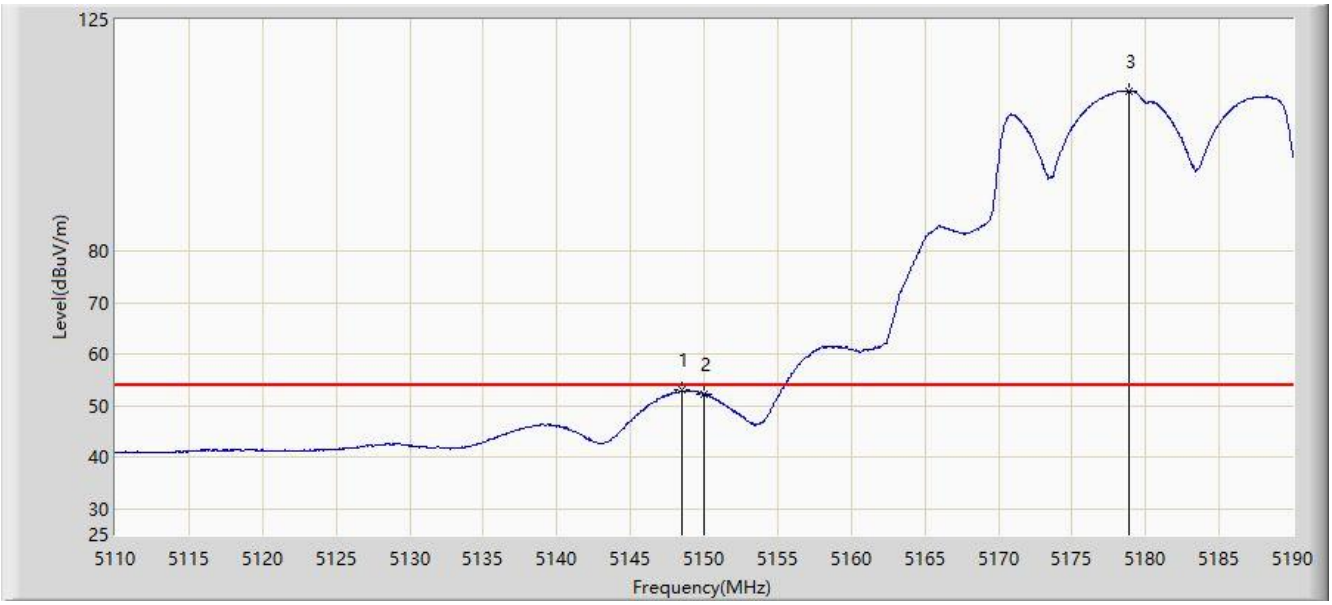
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.880	66.533	67.056	-7.467	74.000	-0.522	PK
2		5150.000	63.665	63.967	-10.335	74.000	-0.302	PK
3		5178.640	123.470	79.107	N/A	N/A	44.363	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



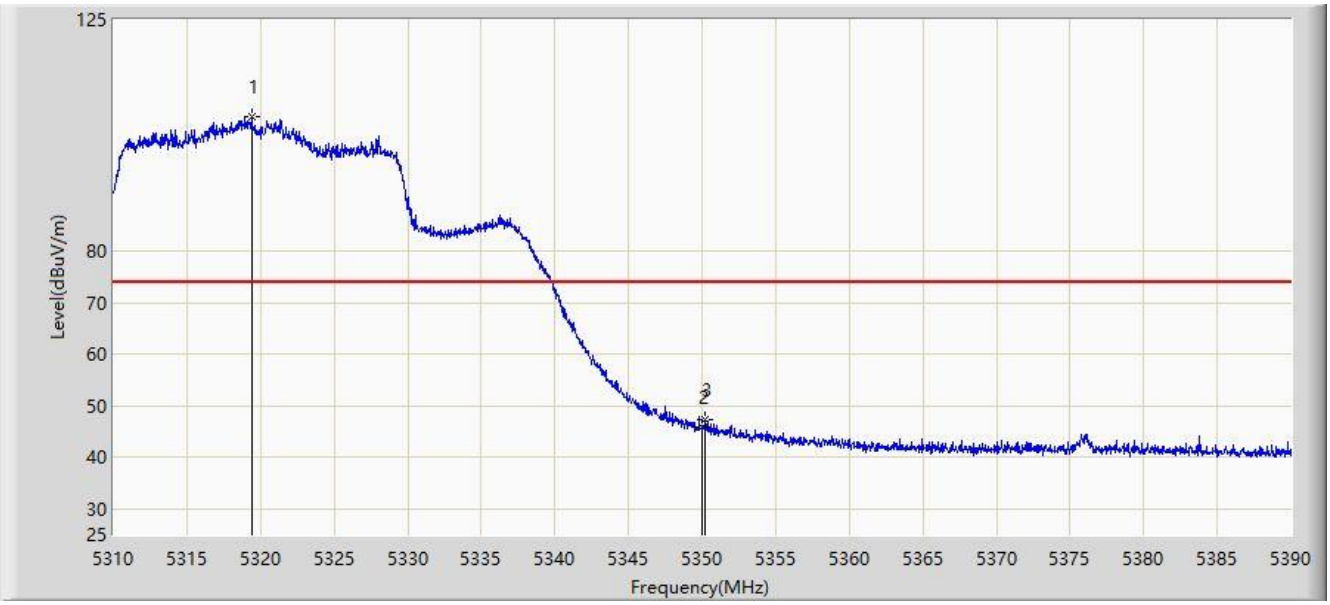
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.520	52.985	53.569	-1.015	54.000	-0.584	AV
2		5150.000	52.340	52.642	-1.660	54.000	-0.302	AV
3		5178.880	111.105	66.734	N/A	N/A	44.372	AV

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



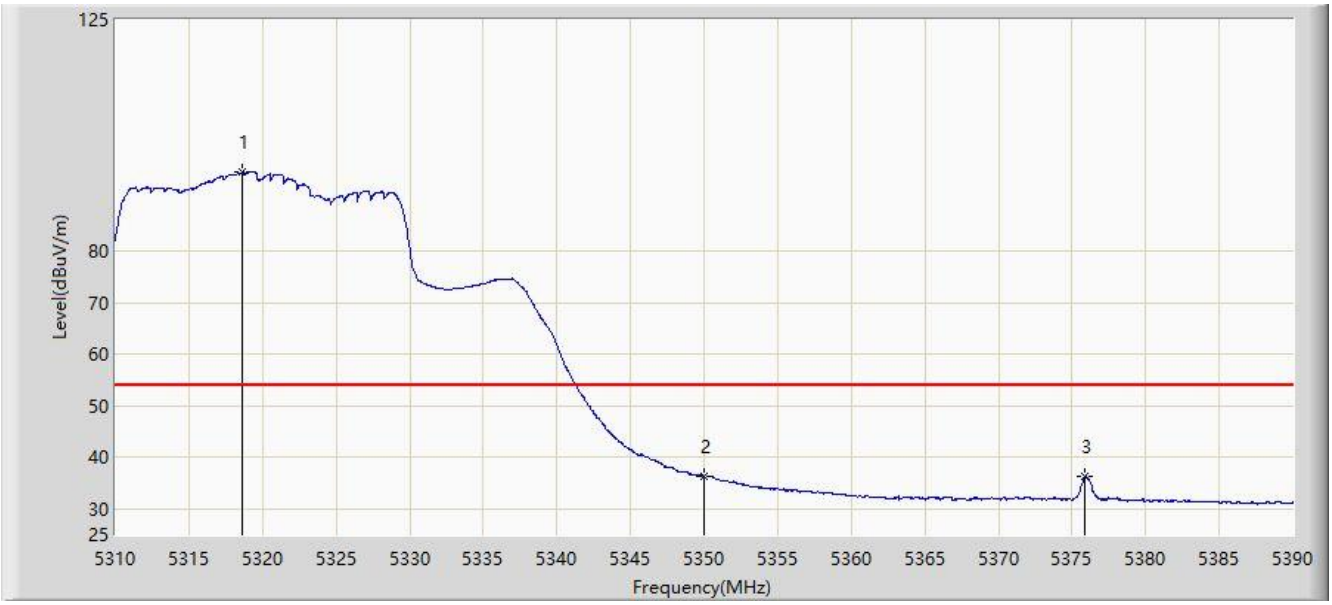
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5319.400	106.125	62.139	N/A	N/A	43.986	PK
2		5350.000	45.860	44.538	-28.140	74.000	1.322	PK
3	*	5350.200	47.217	46.000	-26.783	74.000	1.217	PK

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



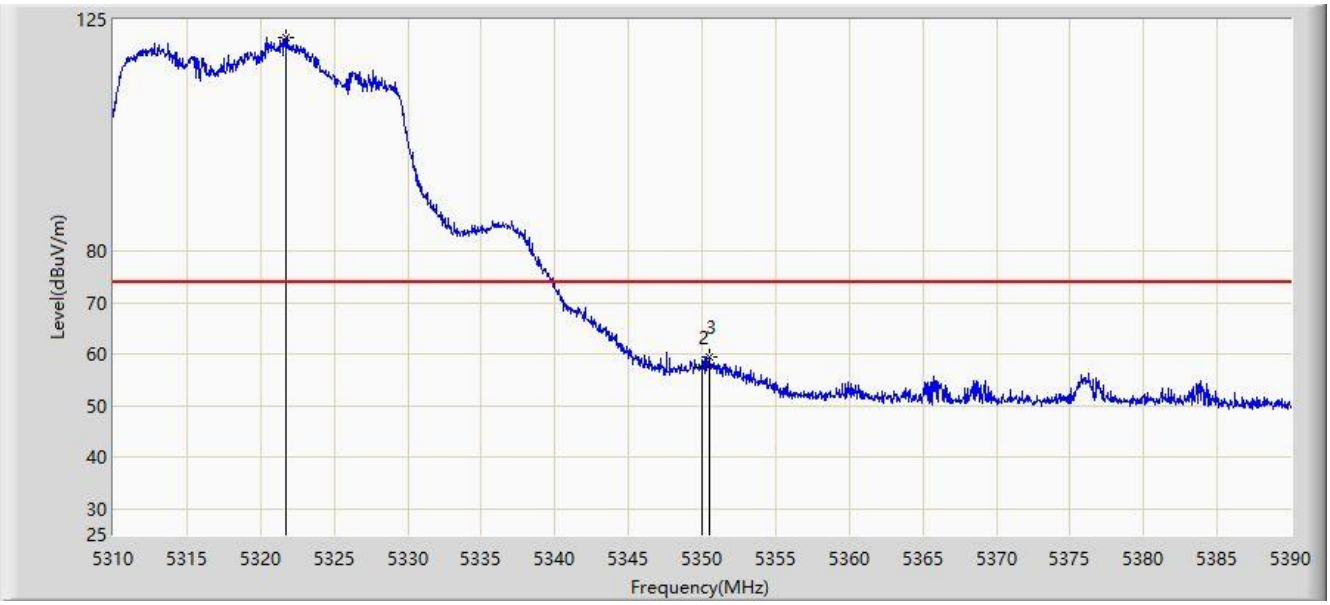
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5318.640	95.354	51.046	N/A	N/A	44.309	AV
2		5350.000	36.187	34.865	-17.813	54.000	1.322	AV
3	*	5375.880	36.203	38.504	-17.797	54.000	-2.301	AV

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: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5321.720	121.522	77.514	N/A	N/A	44.008	PK
2		5350.000	57.532	56.210	-16.468	74.000	1.322	PK
3	*	5350.480	59.371	58.301	-14.629	74.000	1.070	PK

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

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

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

Site: SIP-AC2	Test Date: 2022-07-22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	

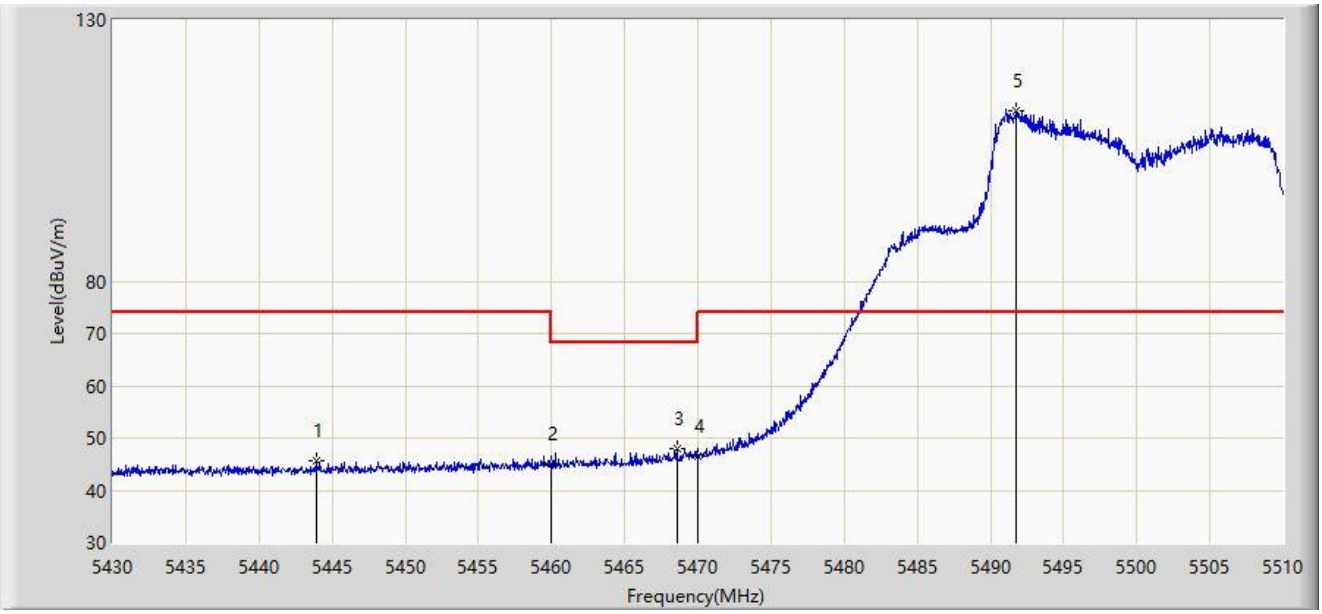
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5321.800	109.329	65.304	N/A	N/A	44.025	AV
2		5350.000	46.442	45.120	-7.558	54.000	1.322	AV
3	*	5375.840	48.155	50.453	-5.845	54.000	-2.298	AV

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



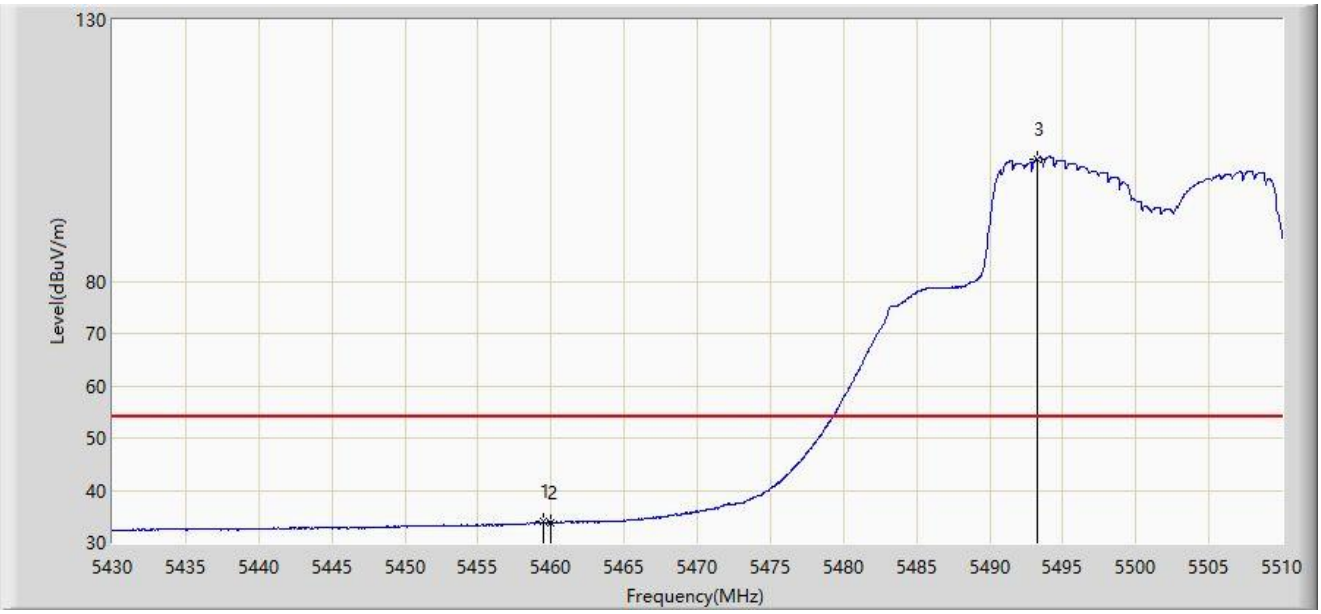
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5443.920	45.786	50.375	-28.214	74.000	-4.589	PK
2		5460.000	44.980	48.655	-23.220	68.200	-3.675	PK
3	*	5468.560	47.952	50.358	-20.248	68.200	-2.406	PK
4		5470.000	46.554	48.486	-21.646	68.200	-1.932	PK
5		5491.720	112.666	67.796	N/A	N/A	44.870	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



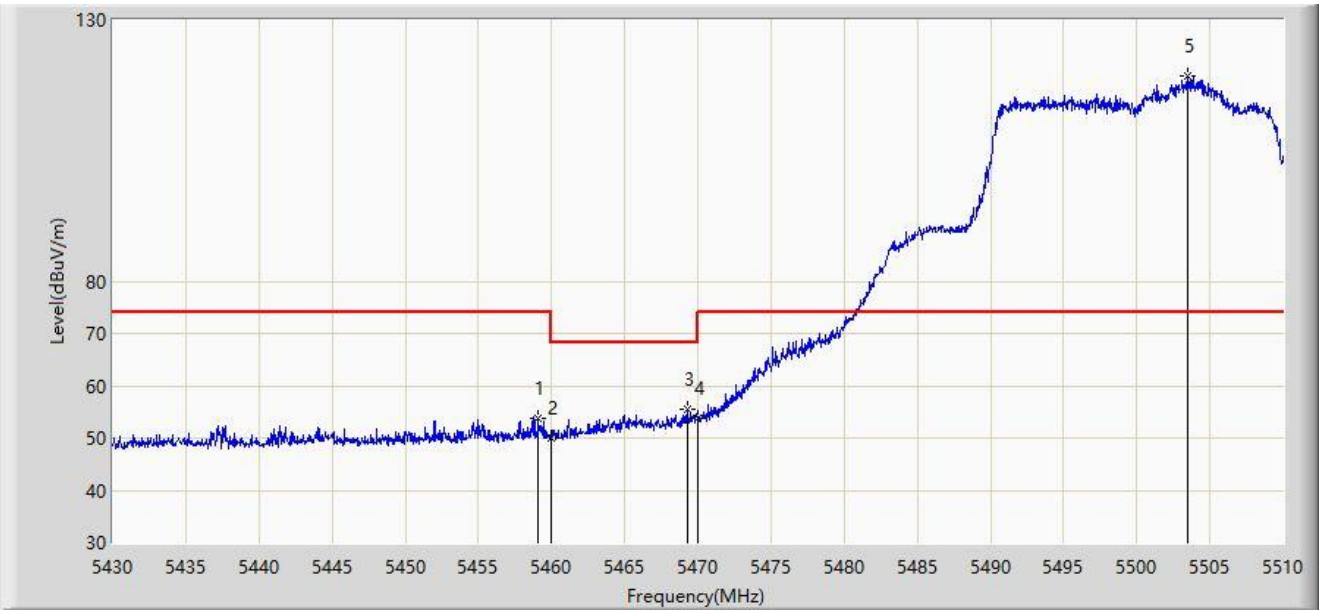
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5459.480	33.958	37.702	-20.042	54.000	-3.744	AV
2		5460.000	33.908	37.583	-20.092	54.000	-3.675	AV
3		5493.240	103.462	60.229	N/A	N/A	43.233	AV

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



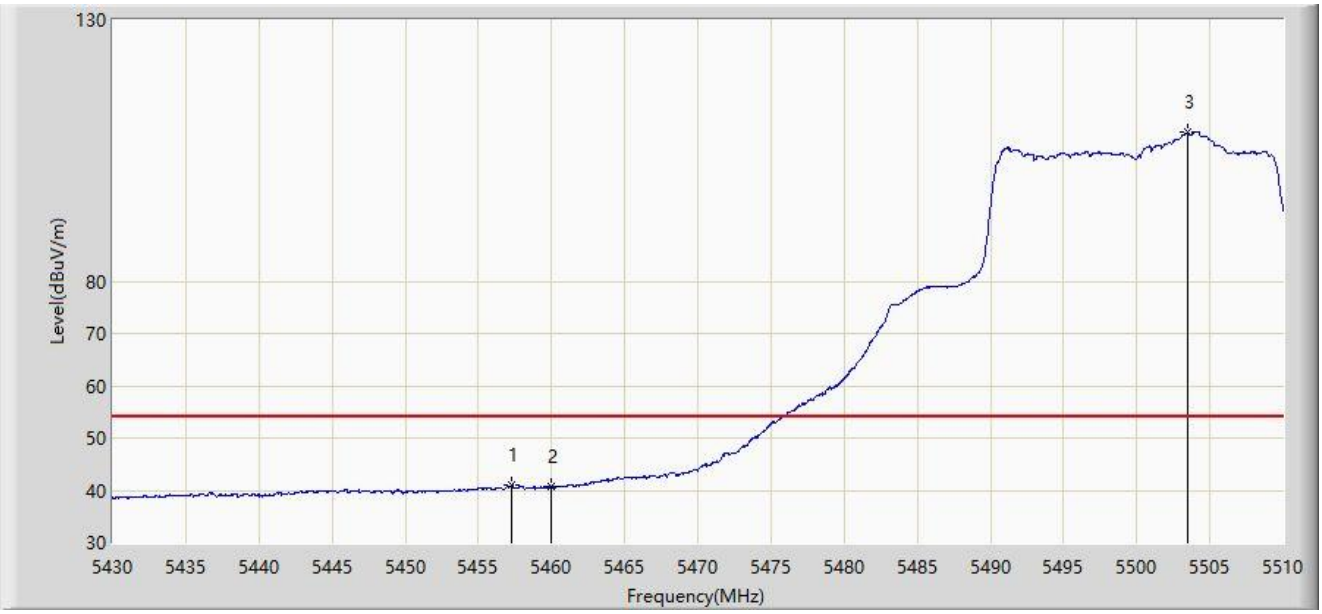
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5459.080	53.900	57.685	-20.100	74.000	-3.786	PK
2		5460.000	49.935	53.610	-18.265	68.200	-3.675	PK
3	*	5469.280	55.517	57.654	-12.683	68.200	-2.136	PK
4		5470.000	53.835	55.767	-14.365	68.200	-1.932	PK
5		5503.440	119.344	76.745	N/A	N/A	42.599	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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



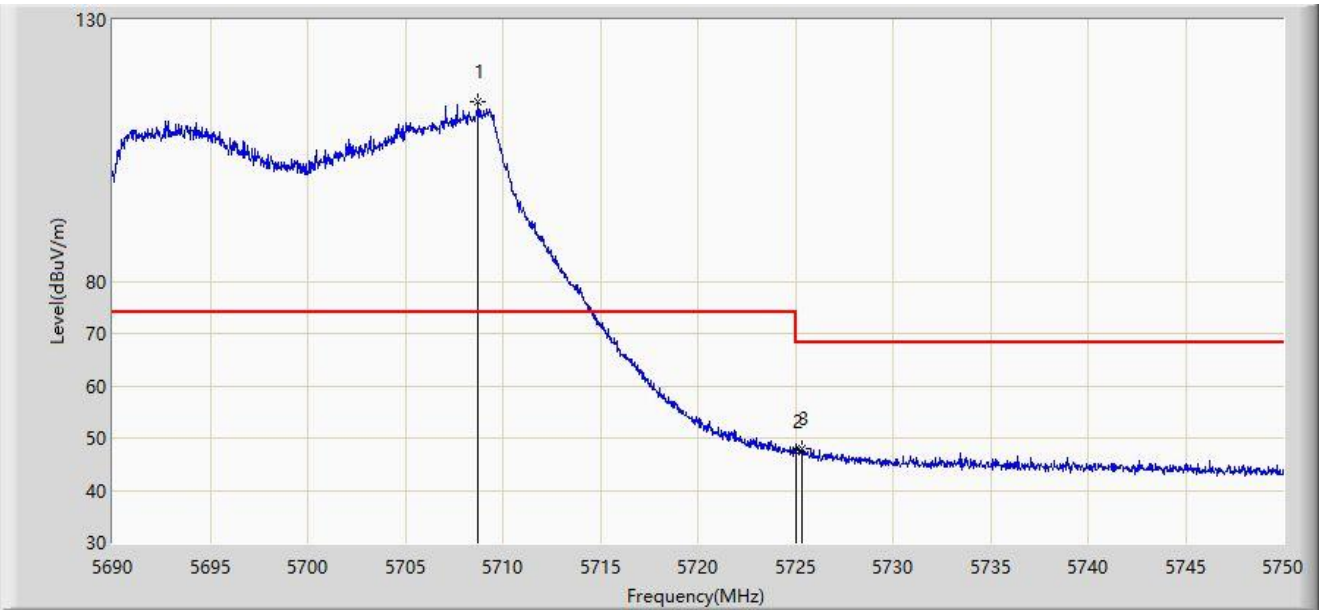
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5457.280	40.904	44.805	-13.096	54.000	-3.901	AV
2		5460.000	40.588	44.263	-13.412	54.000	-3.675	AV
3		5503.440	108.460	65.861	N/A	N/A	42.599	AV

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



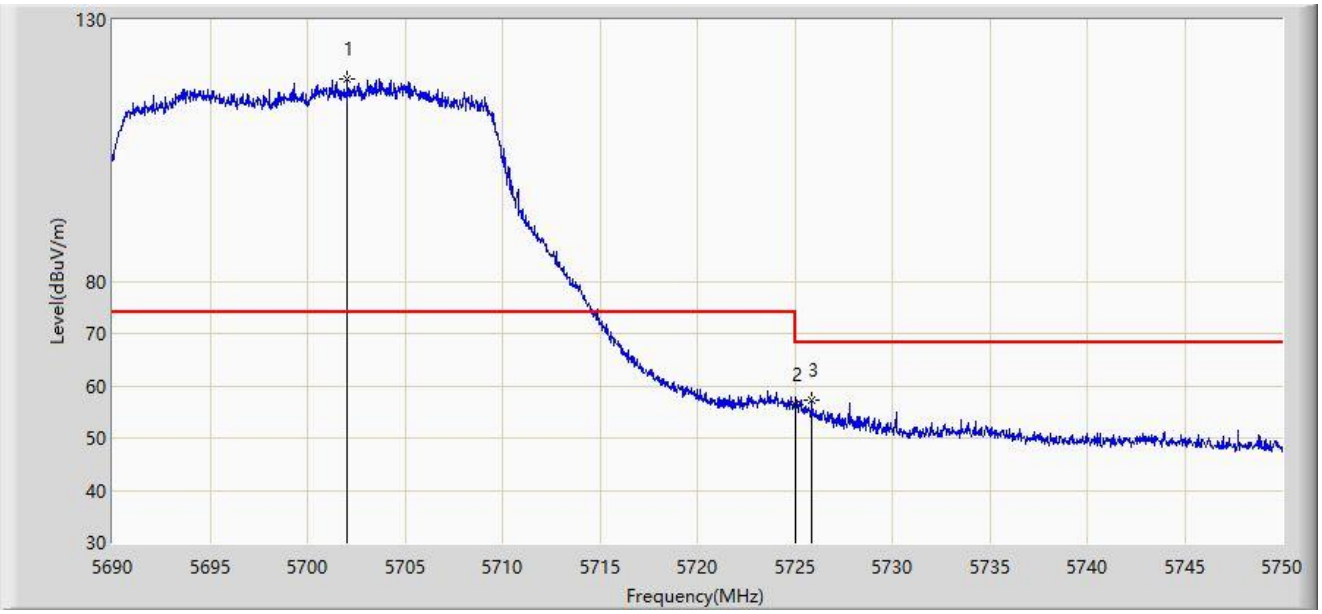
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5708.750	114.225	72.681	N/A	N/A	41.545	PK
2		5725.000	47.291	48.886	-20.909	68.200	-1.596	PK
3	*	5725.340	48.098	49.881	-20.102	68.200	-1.783	PK

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: SIP-AC3	Test Date: 2022-11-01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Arvin
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



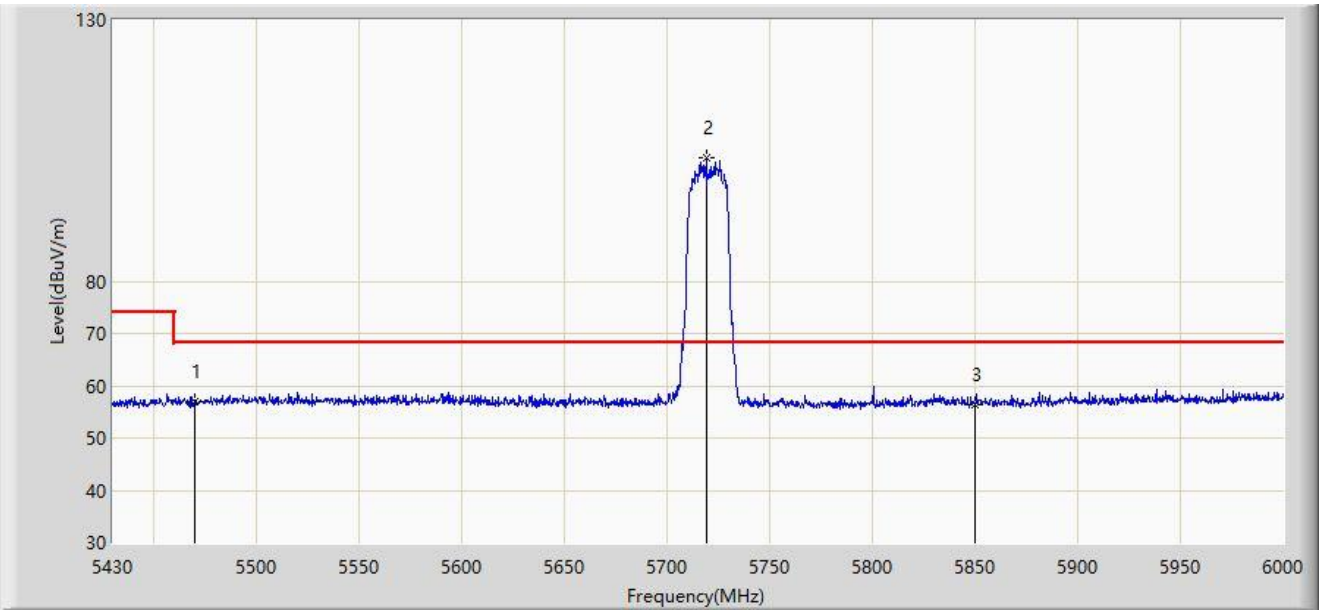
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5702.060	118.679	81.575	N/A	N/A	37.103	PK
2		5725.000	56.420	58.015	-11.780	68.200	-1.596	PK
3	*	5725.880	57.347	59.426	-10.853	68.200	-2.079	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Horizontal
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5720MHz	



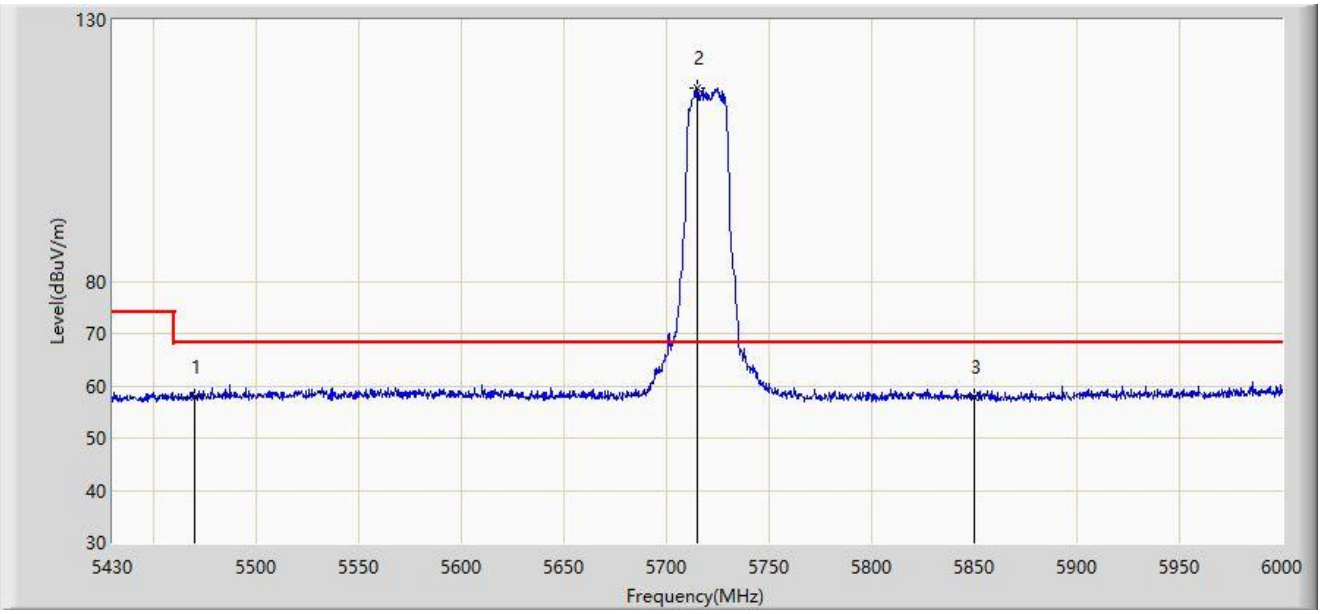
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5470.000	57.073	50.620	-11.127	68.200	6.453	PK
2		5718.990	103.605	97.128	N/A	N/A	6.477	PK
3		5850.000	56.408	49.329	-11.792	68.200	7.080	PK

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: WZ-AC1	Test Date: 2022-10-12
Limit: FCC_Part 15.407_RE(3m)	Engineer: Carl Jiang
Probe: Horn 3117_1-18GHz	Polarity: Vertical
EUT: hAP ax3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5720MHz	



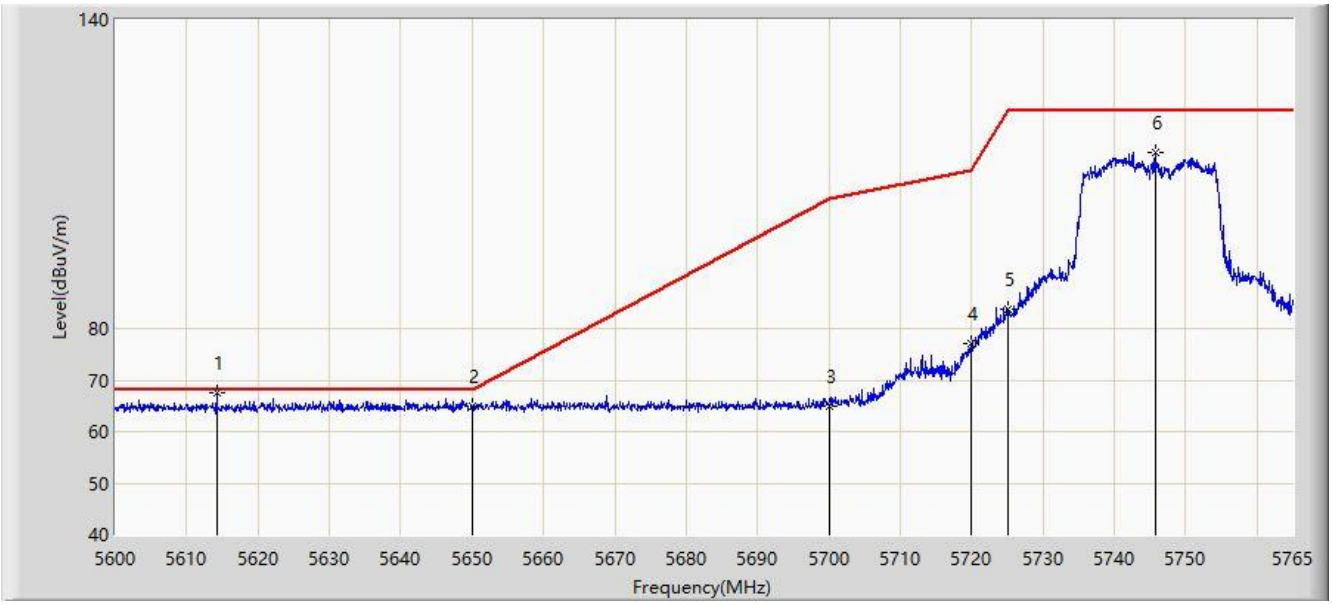
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5470.000	57.882	51.429	-10.318	68.200	6.453	PK
2		5715.285	116.843	110.375	N/A	N/A	6.468	PK
3		5850.000	57.876	50.797	-10.324	68.200	7.080	PK

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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



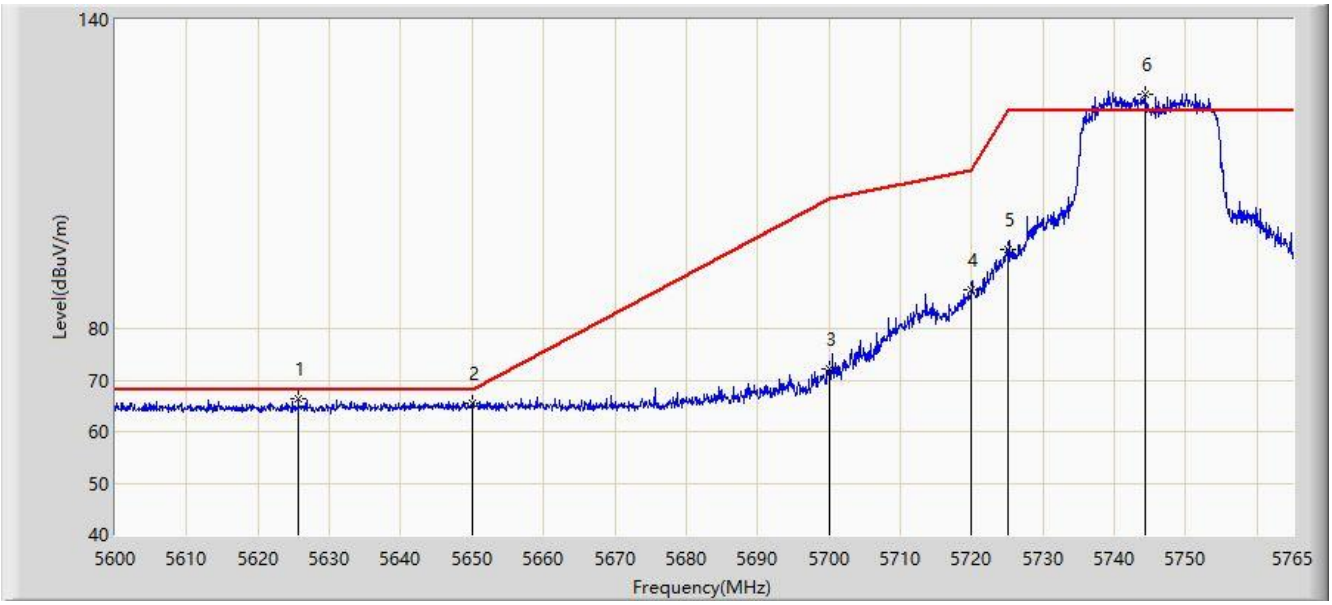
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5614.190	67.500	71.804	-0.700	68.200	-4.304	PK
2		5650.000	64.806	68.976	-3.394	68.200	-4.171	PK
3		5700.000	65.043	69.167	-40.157	105.200	-4.124	PK
4		5720.000	77.134	81.177	-33.666	110.800	-4.044	PK
5		5725.000	83.652	87.666	-38.548	122.200	-4.014	PK
6		5745.695	114.163	118.143	N/A	N/A	-3.980	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: SIP-AC2	Test Date: 2022-07-19
Limit: FCC_Part 15.407_RE(3m)	Engineer: Barry Wu
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: hAP ax^3	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5625.658	66.365	70.683	-1.835	68.200	-4.317	PK
2		5650.000	65.553	69.723	-2.647	68.200	-4.171	PK
3		5700.000	72.158	76.282	-33.042	105.200	-4.124	PK
4		5720.000	87.549	91.592	-23.251	110.800	-4.044	PK
5		5725.000	95.226	99.240	-26.974	122.200	-4.014	PK
6		5744.292	125.564	129.556	N/A	N/A	-3.993	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).