Antenna Model No. - KDP2N:

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9704.0	44.1	4.6	48.7	68.2	-19.5	Peak	Horizontal
	11608.0	43.1	5.8	48.9	74.0	-25.1	Peak	Horizontal
	13928.5	41.8	9.0	50.8	68.2	-17.4	Peak	Horizontal
	17821.5	39.6	16.0	55.6	74.0	-18.4	Peak	Horizontal
*	17821.5	26.1	16.0	42.1	54.0	-11.9	Average	Horizontal
	9891.0	44.1	4.3	48.4	68.2	-19.8	Peak	Vertical
	11506.0	43.2	5.7	48.9	74.0	-25.1	Peak	Vertical
	13809.5	42.7	9.3	52.0	68.2	-16.2	Peak	Vertical
	17838.5	39.3	16.2	55.5	74.0	-18.5	Peak	Vertical
*	17838.5	26.0	16.2	42.2	54.0	-11.8	Average	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8437.5	44.4	2.9	47.3	74.0	-26.7	Peak	Horizontal
	10333.0	43.1	4.7	47.8	68.2	-20.4	Peak	Horizontal
	11463.5	43.1	5.2	48.3	74.0	-25.7	Peak	Horizontal
*	14217.5	41.7	9.8	51.5	68.2	-16.7	Peak	Horizontal
	8293.0	43.8	2.7	46.5	74.0	-27.5	Peak	Vertical
	9814.5	44.3	4.5	48.8	68.2	-19.4	Peak	Vertical
	11659.0	43.4	5.3	48.7	74.0	-25.3	Peak	Vertical
*	13937.0	41.9	9.0	50.9	68.2	-17.3	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8140.0	44.2	2.6	46.8	74.0	-27.2	Peak	Horizontal
	10154.5	44.0	4.1	48.1	68.2	-20.1	Peak	Horizontal
	12279.5	42.7	5.9	48.6	74.0	-25.4	Peak	Horizontal
*	14226.0	41.7	9.8	51.5	68.2	-16.7	Peak	Horizontal
	8199.5	44.2	2.6	46.8	74.0	-27.2	Peak	Vertical
	9729.5	44.0	4.4	48.4	68.2	-19.8	Peak	Vertical
	11404.0	43.4	5.2	48.6	74.0	-25.4	Peak	Vertical
*	13665.0	41.9	8.4	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8429.0	44.2	3.0	47.2	74.0	-26.8	Peak	Horizontal
	9831.5	44.0	4.3	48.3	68.2	-19.9	Peak	Horizontal
	11769.5	43.5	5.6	49.1	74.0	-24.9	Peak	Horizontal
*	13971.0	41.3	9.3	50.6	68.2	-17.6	Peak	Horizontal
	7451.5	44.2	1.9	46.1	74.0	-27.9	Peak	Vertical
	9729.5	44.7	4.4	49.1	68.2	-19.1	Peak	Vertical
	12279.5	43.6	5.9	49.5	74.0	-24.5	Peak	Vertical
*	13682.0	42.0	8.5	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8131.5	44.6	2.7	47.3	74.0	-26.7	Peak	Horizontal
	9899.5	44.9	4.2	49.1	68.2	-19.1	Peak	Horizontal
	11506.0	43.2	5.7	48.9	74.0	-25.1	Peak	Horizontal
*	14217.5	41.3	9.8	51.1	68.2	-17.1	Peak	Horizontal
	8429.0	43.7	3.0	46.7	74.0	-27.3	Peak	Vertical
	9644.5	44.9	3.8	48.7	68.2	-19.5	Peak	Vertical
	11463.5	43.3	5.2	48.5	74.0	-25.5	Peak	Vertical
*	14005.0	41.1	9.7	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8420.5	43.9	2.8	46.7	74.0	-27.3	Peak	Horizontal
	9806.0	44.0	4.6	48.6	68.2	-19.6	Peak	Horizontal
	11591.0	44.3	5.5	49.8	74.0	-24.2	Peak	Horizontal
*	14515.0	41.3	10.9	52.2	68.2	-16.0	Peak	Horizontal
	8471.5	44.8	2.9	47.7	74.0	-26.3	Peak	Vertical
	9797.5	44.0	4.7	48.7	68.2	-19.5	Peak	Vertical
	11480.5	42.9	5.4	48.3	74.0	-25.7	Peak	Vertical
*	14251.5	41.4	9.7	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8429.0	44.4	3.0	47.4	74.0	-26.6	Peak	Horizontal
	9806.0	43.9	4.6	48.5	68.2	-19.7	Peak	Horizontal
	10817.5	44.8	4.9	49.7	74.0	-24.3	Peak	Horizontal
*	13801.0	41.8	9.2	51.0	68.2	-17.2	Peak	Horizontal
	8293.0	43.9	2.7	46.6	74.0	-27.4	Peak	Vertical
	9789.0	43.4	4.8	48.2	68.2	-20.0	Peak	Vertical
	10792.0	44.1	5.1	49.2	74.0	-24.8	Peak	Vertical
*	13707.5	42.0	8.7	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8369.5	44.6	2.6	47.2	74.0	-26.8	Peak	Horizontal
	9738.0	43.7	4.5	48.2	68.2	-20.0	Peak	Horizontal
	11463.5	43.3	5.2	48.5	74.0	-25.5	Peak	Horizontal
*	13750.0	41.7	8.7	50.4	68.2	-17.8	Peak	Horizontal
	8369.5	43.8	2.6	46.4	74.0	-27.6	Peak	Vertical
	10163.0	44.5	4.2	48.7	68.2	-19.5	Peak	Vertical
	11480.5	42.9	5.4	48.3	74.0	-25.7	Peak	Vertical
*	14192.0	40.6	10.1	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7443.0	45.5	1.7	47.2	74.0	-26.8	Peak	Horizontal
	9814.5	43.5	4.5	48.0	68.2	-20.2	Peak	Horizontal
	12449.5	43.4	6.7	50.1	74.0	-23.9	Peak	Horizontal
*	13801.0	41.6	9.2	50.8	68.2	-17.4	Peak	Horizontal
	7698.0	45.2	1.3	46.5	74.0	-27.5	Peak	Vertical
	9925.0	44.3	4.4	48.7	68.2	-19.5	Peak	Vertical
	11735.5	43.0	5.6	48.6	74.0	-25.4	Peak	Vertical
*	13886.0	41.9	9.2	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8429.0	45.3	3.0	48.3	74.0	-25.7	Peak	Horizontal
	9806.0	44.3	4.6	48.9	68.2	-19.3	Peak	Horizontal
	11659.0	43.0	5.3	48.3	74.0	-25.7	Peak	Horizontal
*	14013.5	41.2	9.7	50.9	68.2	-17.3	Peak	Horizontal
	7689.5	44.9	1.3	46.2	74.0	-27.8	Peak	Vertical
	10010.0	43.7	4.5	48.2	68.2	-20.0	Peak	Vertical
	12585.5	43.0	7.3	50.3	74.0	-23.7	Peak	Vertical
*	14311.0	41.2	9.9	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7485.5	44.7	1.7	46.4	74.0	-27.6	Peak	Horizontal
	9857.0	44.4	4.2	48.6	68.2	-19.6	Peak	Horizontal
	11591.0	43.7	5.5	49.2	74.0	-24.8	Peak	Horizontal
*	14234.5	41.6	9.7	51.3	68.2	-16.9	Peak	Horizontal
	7383.5	44.2	1.3	45.5	74.0	-28.5	Peak	Vertical
	9729.5	44.4	4.4	48.8	68.2	-19.4	Peak	Vertical
	11829.0	42.4	5.6	48.0	74.0	-26.0	Peak	Vertical
*	14183.5	41.9	10.0	51.9	68.2	-16.3	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7409.0	44.4	1.5	45.9	74.0	-28.1	Peak	Horizontal
	9789.0	43.9	4.8	48.7	68.2	-19.5	Peak	Horizontal
	11812.0	42.4	5.9	48.3	74.0	-25.7	Peak	Horizontal
*	15076.0	41.9	10.9	52.8	68.2	-15.4	Peak	Horizontal
	7511.0	44.6	1.6	46.2	74.0	-27.8	Peak	Vertical
	10001.5	44.1	4.5	48.6	68.2	-19.6	Peak	Vertical
	12050.0	42.5	6.1	48.6	74.0	-25.4	Peak	Vertical
*	14056.0	41.8	9.1	50.9	68.2	-17.3	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8429.0	44.5	3.0	47.5	74.0	-26.5	Peak	Horizontal
	9763.5	44.4	4.3	48.7	68.2	-19.5	Peak	Horizontal
	11591.0	42.7	5.5	48.2	74.0	-25.8	Peak	Horizontal
*	13979.5	41.9	9.3	51.2	68.2	-17.0	Peak	Horizontal
	8429.0	44.0	3.0	47.0	74.0	-27.0	Peak	Vertical
	9729.5	44.7	4.4	49.1	68.2	-19.1	Peak	Vertical
	12577.0	42.8	7.2	50.0	74.0	-24.0	Peak	Vertical
*	14013.5	41.8	9.7	51.5	68.2	-16.7	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8352.5	44.7	2.5	47.2	74.0	-26.8	Peak	Horizontal
	9797.5	43.9	4.7	48.6	68.2	-19.6	Peak	Horizontal
	11965.0	42.5	5.9	48.4	74.0	-25.6	Peak	Horizontal
*	13860.5	42.0	8.9	50.9	68.2	-17.3	Peak	Horizontal
	8208.0	43.4	2.5	45.9	74.0	-28.1	Peak	Vertical
	9823.0	44.0	4.3	48.3	68.2	-19.9	Peak	Vertical
	11540.0	42.9	5.5	48.4	74.0	-25.6	Peak	Vertical
*	14319.5	41.2	9.9	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8480.0	45.1	2.9	48.0	74.0	-26.0	Peak	Horizontal
	9772.0	45.0	4.3	49.3	68.2	-18.9	Peak	Horizontal
	11659.0	44.3	5.3	49.6	74.0	-24.4	Peak	Horizontal
*	14328.0	41.2	9.9	51.1	68.2	-17.1	Peak	Horizontal
	8310.0	44.1	2.5	46.6	74.0	-27.4	Peak	Vertical
	9704.0	44.4	4.6	49.0	68.2	-19.2	Peak	Vertical
	11565.5	43.5	5.4	48.9	74.0	-25.1	Peak	Vertical
*	13826.5	41.9	9.1	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8131.5	43.4	2.7	46.1	74.0	-27.9	Peak	Horizontal
	9908.0	44.3	4.1	48.4	68.2	-19.8	Peak	Horizontal
	11387.0	43.5	5.0	48.5	74.0	-25.5	Peak	Horizontal
*	13801.0	41.2	9.2	50.4	68.2	-17.8	Peak	Horizontal
	8429.0	43.7	3.0	46.7	74.0	-27.3	Peak	Vertical
	9797.5	43.2	4.7	47.9	68.2	-20.3	Peak	Vertical
	11769.5	43.0	5.6	48.6	74.0	-25.4	Peak	Vertical
*	13818.0	41.6	9.3	50.9	68.2	-17.3	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8148.5	44.3	2.7	47.0	74.0	-27.0	Peak	Horizontal
	9993.0	43.9	4.4	48.3	68.2	-19.9	Peak	Horizontal
	11472.0	43.1	5.3	48.4	74.0	-25.6	Peak	Horizontal
*	13784.0	42.2	9.2	51.4	68.2	-16.8	Peak	Horizontal
	8403.5	44.9	2.5	47.4	74.0	-26.6	Peak	Vertical
	9840.0	45.5	4.3	49.8	68.2	-18.4	Peak	Vertical
	12415.5	42.9	6.6	49.5	74.0	-24.5	Peak	Vertical
*	14013.5	41.6	9.7	51.3	68.2	-16.9	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8395.0	44.2	2.5	46.7	74.0	-27.3	Peak	Horizontal
	9738.0	44.0	4.5	48.5	68.2	-19.7	Peak	Horizontal
	11497.5	43.1	5.6	48.7	74.0	-25.3	Peak	Horizontal
*	13826.5	41.4	9.1	50.5	68.2	-17.7	Peak	Horizontal
	8429.0	44.3	3.0	47.3	74.0	-26.7	Peak	Vertical
	9814.5	43.8	4.5	48.3	68.2	-19.9	Peak	Vertical
	11446.5	43.7	5.2	48.9	74.0	-25.1	Peak	Vertical
*	14030.5	41.9	9.3	51.2	68.2	-17.0	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8199.5	44.4	2.6	47.0	74.0	-27.0	Peak	Horizontal
	9993.0	44.8	4.4	49.2	68.2	-19.0	Peak	Horizontal
	11659.0	43.3	5.3	48.6	74.0	-25.4	Peak	Horizontal
*	13894.5	41.7	9.2	50.9	68.2	-17.3	Peak	Horizontal
	7621.5	45.1	1.4	46.5	74.0	-27.5	Peak	Vertical
	10010.0	44.0	4.5	48.5	68.2	-19.7	Peak	Vertical
	11480.5	42.8	5.4	48.2	74.0	-25.8	Peak	Vertical
*	13835.0	42.3	8.9	51.2	68.2	-17.0	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8386.5	44.4	2.6	47.0	74.0	-27.0	Peak	Horizontal
	9831.5	44.4	4.3	48.7	68.2	-19.5	Peak	Horizontal
	12492.0	43.2	7.0	50.2	74.0	-23.8	Peak	Horizontal
*	13707.5	42.0	8.7	50.7	68.2	-17.5	Peak	Horizontal
	8403.5	44.5	2.5	47.0	74.0	-27.0	Peak	Vertical
	9891.0	44.6	4.3	48.9	68.2	-19.3	Peak	Vertical
	11591.0	44.6	5.5	50.1	74.0	-23.9	Peak	Vertical
*	13903.0	41.4	9.2	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8216.5	43.6	2.5	46.1	74.0	-27.9	Peak	Horizontal
	9806.0	43.8	4.6	48.4	68.2	-19.8	Peak	Horizontal
	10911.0	43.2	5.1	48.3	74.0	-25.7	Peak	Horizontal
*	14328.0	41.3	9.9	51.2	68.2	-17.0	Peak	Horizontal
	8123.0	44.1	2.9	47.0	74.0	-27.0	Peak	Vertical
	9942.0	41.8	4.0	45.8	68.2	-22.4	Peak	Vertical
	12075.5	43.2	6.1	49.3	74.0	-24.7	Peak	Vertical
*	14005.0	41.9	9.7	51.6	68.2	-16.6	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8089.0	44.5	2.8	47.3	74.0	-26.7	Peak	Horizontal
	10120.5	44.5	3.9	48.4	68.2	-19.8	Peak	Horizontal
	11616.5	42.7	5.7	48.4	74.0	-25.6	Peak	Horizontal
*	13869.0	41.9	9.0	50.9	68.2	-17.3	Peak	Horizontal
	8250.5	44.0	2.6	46.6	74.0	-27.4	Peak	Vertical
	9729.5	43.5	4.4	47.9	68.2	-20.3	Peak	Vertical
	11608.0	43.0	5.8	48.8	74.0	-25.2	Peak	Vertical
*	13733.0	42.1	8.7	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8106.0	44.3	2.9	47.2	74.0	-26.8	Peak	Horizontal
	10129.0	44.4	4.0	48.4	68.2	-19.8	Peak	Horizontal
	11795.0	42.8	5.8	48.6	74.0	-25.4	Peak	Horizontal
*	14209.0	41.0	9.8	50.8	68.2	-17.4	Peak	Horizontal
	8386.5	44.5	2.6	47.1	74.0	-26.9	Peak	Vertical
	9984.5	44.2	4.3	48.5	68.2	-19.7	Peak	Vertical
	10792.0	43.3	5.1	48.4	74.0	-25.6	Peak	Vertical
*	13019.0	43.4	7.5	50.9	68.2	-17.3	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8097.5	44.2	2.8	47.0	74.0	-27.0	Peak	Horizontal
	10120.5	42.5	3.9	46.4	68.2	-21.8	Peak	Horizontal
	11395.5	43.5	5.1	48.6	74.0	-25.4	Peak	Horizontal
*	14209.0	41.0	9.8	50.8	68.2	-17.4	Peak	Horizontal
	8403.5	44.2	2.5	46.7	74.0	-27.3	Peak	Vertical
	9780.5	44.7	4.5	49.2	68.2	-19.0	Peak	Vertical
	10834.5	44.6	4.7	49.3	74.0	-24.7	Peak	Vertical
*	14260.0	41.3	9.8	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8097.5	43.6	2.8	46.4	74.0	-27.6	Peak	Horizontal
	9704.0	44.1	4.6	48.7	68.2	-19.5	Peak	Horizontal
	11676.0	43.3	5.4	48.7	74.0	-25.3	Peak	Horizontal
*	14200.5	42.0	10.0	52.0	68.2	-16.2	Peak	Horizontal
	8165.5	44.3	2.7	47.0	74.0	-27.0	Peak	Vertical
	10001.5	44.8	4.5	49.3	68.2	-18.9	Peak	Vertical
	11846.0	43.6	5.6	49.2	74.0	-24.8	Peak	Vertical
*	14217.5	42.0	9.8	51.8	68.2	-16.4	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8199.5	44.0	2.6	46.6	74.0	-27.4	Peak	Horizontal
	9789.0	43.6	4.8	48.4	68.2	-19.8	Peak	Horizontal
	11625.0	43.0	5.6	48.6	74.0	-25.4	Peak	Horizontal
*	13826.5	42.0	9.1	51.1	68.2	-17.1	Peak	Horizontal
	8106.0	45.0	2.9	47.9	74.0	-26.1	Peak	Vertical
	9993.0	44.5	4.4	48.9	68.2	-19.3	Peak	Vertical
	11761.0	43.3	5.6	48.9	74.0	-25.1	Peak	Vertical
*	14013.5	41.7	9.7	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8420.5	42.8	2.6	45.4	74.0	-28.6	Peak	Horizontal
	9806.0	41.3	4.9	46.2	68.2	-22.0	Peak	Horizontal
	11480.5	40.9	6.1	47.0	74.0	-27.0	Peak	Horizontal
*	14804.0	39.4	10.8	50.2	68.2	-18.0	Peak	Horizontal
	8182.5	41.1	2.6	43.7	74.0	-30.3	Peak	Vertical
	9746.5	41.9	4.6	46.5	68.2	-21.7	Peak	Vertical
	11183.0	39.8	5.4	45.2	74.0	-28.8	Peak	Vertical
*	13699.0	39.2	8.4	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8140.0	41.5	2.5	44.0	74.0	-30.0	Peak	Horizontal
	9738.0	41.7	4.7	46.4	68.2	-21.8	Peak	Horizontal
	11497.5	39.7	6.3	46.0	74.0	-28.0	Peak	Horizontal
*	14005.0	39.1	9.1	48.2	68.2	-20.0	Peak	Horizontal
	8174.0	41.3	2.6	43.9	74.0	-30.1	Peak	Vertical
	9848.5	41.2	4.5	45.7	68.2	-22.5	Peak	Vertical
	11608.0	39.9	6.4	46.3	74.0	-27.7	Peak	Vertical
*	13699.0	39.2	8.4	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8174.0	41.4	2.6	44.0	74.0	-30.0	Peak	Horizontal
	9848.5	41.2	4.5	45.7	68.2	-22.5	Peak	Horizontal
	11761.0	40.3	6.2	46.5	74.0	-27.5	Peak	Horizontal
*	14812.5	39.0	10.9	49.9	68.2	-18.3	Peak	Horizontal
	8437.5	41.1	2.6	43.7	74.0	-30.3	Peak	Vertical
	9789.0	40.9	5.0	45.9	68.2	-22.3	Peak	Vertical
	11064.0	40.3	5.5	45.8	74.0	-28.2	Peak	Vertical
*	13733.0	39.5	8.4	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8344.0	41.6	2.2	43.8	74.0	-30.2	Peak	Horizontal
	9627.5	42.1	4.0	46.1	68.2	-22.1	Peak	Horizontal
	12050.0	40.0	6.6	46.6	74.0	-27.4	Peak	Horizontal
*	13682.0	39.3	8.2	47.5	68.2	-20.7	Peak	Horizontal
	8471.5	42.3	2.6	44.9	74.0	-29.1	Peak	Vertical
	9916.5	41.3	4.5	45.8	68.2	-22.4	Peak	Vertical
	10817.5	41.8	5.3	47.1	74.0	-26.9	Peak	Vertical
*	13886.0	38.8	8.8	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8131.5	40.6	2.7	43.3	74.0	-30.7	Peak	Horizontal
	9704.0	40.7	4.8	45.5	68.2	-22.7	Peak	Horizontal
	12339.0	40.4	6.4	46.8	74.0	-27.2	Peak	Horizontal
*	13801.0	38.7	8.9	47.6	68.2	-20.6	Peak	Horizontal
	8429.0	41.2	2.8	44.0	74.0	-30.0	Peak	Vertical
	9704.0	41.3	4.8	46.1	68.2	-22.1	Peak	Vertical
	12067.0	39.8	6.6	46.4	74.0	-27.6	Peak	Vertical
*	13809.5	39.0	8.9	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8488.5	42.1	2.6	44.7	74.0	-29.3	Peak	Horizontal
	9806.0	42.0	4.9	46.9	68.2	-21.3	Peak	Horizontal
	11574.0	39.5	6.2	45.7	74.0	-28.3	Peak	Horizontal
*	15084.5	38.2	11.1	49.3	68.2	-18.9	Peak	Horizontal
	8420.5	42.5	2.6	45.1	74.0	-28.9	Peak	Vertical
	9831.5	42.8	4.6	47.4	68.2	-20.8	Peak	Vertical
	11752.5	40.4	6.2	46.6	74.0	-27.4	Peak	Vertical
*	13835.0	39.3	8.6	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8242.0	41.6	2.4	44.0	74.0	-30.0	Peak	Horizontal
	9729.5	41.3	4.6	45.9	68.2	-22.3	Peak	Horizontal
	11506.0	39.5	6.3	45.8	74.0	-28.2	Peak	Horizontal
*	14013.5	38.3	9.0	47.3	68.2	-20.9	Peak	Horizontal
	8420.5	41.8	2.6	44.4	74.0	-29.6	Peak	Vertical
	9772.0	41.0	4.5	45.5	68.2	-22.7	Peak	Vertical
	11489.0	40.3	6.2	46.5	74.0	-27.5	Peak	Vertical
*	14566.0	37.9	10.5	48.4	68.2	-19.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8259.0	41.4	2.7	44.1	74.0	-29.9	Peak	Horizontal
	9831.5	42.3	4.6	46.9	68.2	-21.3	Peak	Horizontal
	11574.0	39.4	6.2	45.6	74.0	-28.4	Peak	Horizontal
*	14821.0	38.0	11.0	49.0	68.2	-19.2	Peak	Horizontal
	8480.0	42.4	2.6	45.0	74.0	-29.0	Peak	Vertical
	9738.0	41.1	4.7	45.8	68.2	-22.4	Peak	Vertical
	11752.5	40.2	6.2	46.4	74.0	-27.6	Peak	Vertical
*	14013.5	39.9	9.0	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8463.0	42.2	2.6	44.8	74.0	-29.2	Peak	Horizontal
	9823.0	40.9	4.6	45.5	68.2	-22.7	Peak	Horizontal
	10911.0	39.9	5.6	45.5	74.0	-28.5	Peak	Horizontal
*	13631.0	38.8	8.3	47.1	68.2	-21.1	Peak	Horizontal
	8267.5	41.0	2.6	43.6	74.0	-30.4	Peak	Vertical
	9840.0	41.4	4.6	46.0	68.2	-22.2	Peak	Vertical
	11472.0	40.8	5.9	46.7	74.0	-27.3	Peak	Vertical
*	14209.0	39.0	9.1	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8267.5	40.8	2.6	43.4	74.0	-30.6	Peak	Horizontal
	9814.5	40.8	4.7	45.5	68.2	-22.7	Peak	Horizontal
	11395.5	40.3	5.7	46.0	74.0	-28.0	Peak	Horizontal
*	13682.0	38.8	8.2	47.0	68.2	-21.2	Peak	Horizontal
	8420.5	41.4	2.6	44.0	74.0	-30.0	Peak	Vertical
	9789.0	41.3	5.0	46.3	68.2	-21.9	Peak	Vertical
	11574.0	39.7	6.2	45.9	74.0	-28.1	Peak	Vertical
*	13843.5	39.5	8.6	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT80 – Channel 42
Remark	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8114.5	42.4	2.8	45.2	74.0	-28.8	Peak	Horizontal
	9789.0	41.3	5.0	46.3	68.2	-21.9	Peak	Horizontal
	12594.0	40.4	7.7	48.1	74.0	-25.9	Peak	Horizontal
*	13843.5	39.5	8.6	48.1	68.2	-20.1	Peak	Horizontal
	8301.5	41.5	2.5	44.0	74.0	-30.0	Peak	Vertical
	9857.0	41.8	4.5	46.3	68.2	-21.9	Peak	Vertical
	11489.0	39.6	6.2	45.8	74.0	-28.2	Peak	Vertical
*	13801.0	38.3	8.9	47.2	68.2	-21.0	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8267.5	41.7	2.6	44.3	74.0	-29.7	Peak	Horizontal
	9848.5	41.2	4.5	45.7	68.2	-22.5	Peak	Horizontal
	10919.5	40.7	5.5	46.2	74.0	-27.8	Peak	Horizontal
*	13801.0	38.2	8.9	47.1	68.2	-21.1	Peak	Horizontal
	8420.5	42.1	2.6	44.7	74.0	-29.3	Peak	Vertical
	9789.0	40.3	5.0	45.3	68.2	-22.9	Peak	Vertical
	11497.5	39.6	6.3	45.9	74.0	-28.1	Peak	Vertical
*	13869.0	38.8	8.6	47.4	68.2	-20.8	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8157.0	41.0	2.7	43.7	74.0	-30.3	Peak	Horizontal
	9993.0	39.9	4.7	44.6	68.2	-23.6	Peak	Horizontal
	12075.5	39.1	6.7	45.8	74.0	-28.2	Peak	Horizontal
*	13809.5	38.7	8.9	47.6	68.2	-20.6	Peak	Horizontal
	8395.0	41.8	2.3	44.1	74.0	-29.9	Peak	Vertical
	10290.5	41.2	5.1	46.3	68.2	-21.9	Peak	Vertical
	12407.0	39.4	7.1	46.5	74.0	-27.5	Peak	Vertical
*	13903.0	38.3	8.8	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8429.0	41.7	2.8	44.5	74.0	-29.5	Peak	Horizontal
	9789.0	41.2	5.0	46.2	68.2	-22.0	Peak	Horizontal
	11480.5	39.7	6.1	45.8	74.0	-28.2	Peak	Horizontal
*	13971.0	39.0	8.7	47.7	68.2	-20.5	Peak	Horizontal
	8386.5	41.3	2.4	43.7	74.0	-30.3	Peak	Vertical
	9797.5	40.8	4.9	45.7	68.2	-22.5	Peak	Vertical
	10894.0	40.8	5.6	46.4	74.0	-27.6	Peak	Vertical
*	14183.5	38.2	9.3	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8463.0	41.7	2.6	44.3	74.0	-29.7	Peak	Horizontal
	9721.0	39.8	4.5	44.3	68.2	-23.9	Peak	Horizontal
	11582.5	39.4	6.1	45.5	74.0	-28.5	Peak	Horizontal
*	14013.5	38.4	9.0	47.4	68.2	-20.8	Peak	Horizontal
	8114.5	42.1	2.8	44.9	74.0	-29.1	Peak	Vertical
	9891.0	41.0	4.5	45.5	68.2	-22.7	Peak	Vertical
	11761.0	40.8	6.2	47.0	74.0	-27.0	Peak	Vertical
*	13622.5	40.1	8.3	48.4	68.2	-19.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ac-VHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8199.5	40.3	2.5	42.8	74.0	-31.2	Peak	Horizontal
	10078.0	41.1	4.1	45.2	68.2	-23.0	Peak	Horizontal
	11047.0	40.5	5.6	46.1	74.0	-27.9	Peak	Horizontal
*	13580.0	38.3	8.7	47.0	68.2	-21.2	Peak	Horizontal
	8131.5	41.0	2.7	43.7	74.0	-30.3	Peak	Vertical
	9984.5	41.5	4.6	46.1	68.2	-22.1	Peak	Vertical
	11472.0	39.9	5.9	45.8	74.0	-28.2	Peak	Vertical
*	14549.0	38.5	10.3	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8488.5	42.0	2.6	44.6	74.0	-29.4	Peak	Horizontal
	9814.5	42.0	4.7	46.7	68.2	-21.5	Peak	Horizontal
	10894.0	40.2	5.6	45.8	74.0	-28.2	Peak	Horizontal
*	13911.5	39.6	8.6	48.2	68.2	-20.0	Peak	Horizontal
	8276.0	41.2	2.6	43.8	74.0	-30.2	Peak	Vertical
	10018.5	41.3	4.6	45.9	68.2	-22.3	Peak	Vertical
	11412.5	40.6	6.0	46.6	74.0	-27.4	Peak	Vertical
*	14013.5	38.3	9.0	47.3	68.2	-20.9	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8301.5	41.9	2.5	44.4	74.0	-29.6	Peak	Horizontal
	9823.0	41.5	4.6	46.1	68.2	-22.1	Peak	Horizontal
	11829.0	39.9	6.2	46.1	74.0	-27.9	Peak	Horizontal
*	13818.0	38.7	8.9	47.6	68.2	-20.6	Peak	Horizontal
	8420.5	41.5	2.6	44.1	74.0	-29.9	Peak	Vertical
	9814.5	40.7	4.7	45.4	68.2	-22.8	Peak	Vertical
	11667.5	39.8	6.0	45.8	74.0	-28.2	Peak	Vertical
*	13673.5	39.6	8.2	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8114.5	41.7	2.8	44.5	74.0	-29.5	Peak	Horizontal
	9738.0	41.1	4.7	45.8	68.2	-22.4	Peak	Horizontal
	11548.5	39.8	6.0	45.8	74.0	-28.2	Peak	Horizontal
*	13690.5	38.8	8.3	47.1	68.2	-21.1	Peak	Horizontal
	8386.5	42.2	2.4	44.6	74.0	-29.4	Peak	Vertical
	9831.5	40.6	4.6	45.2	68.2	-23.0	Peak	Vertical
	11489.0	40.0	6.2	46.2	74.0	-27.8	Peak	Vertical
*	14013.5	38.4	9.0	47.4	68.2	-20.8	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8267.5	41.2	2.6	43.8	74.0	-30.2	Peak	Horizontal
	9865.5	41.6	4.5	46.1	68.2	-22.1	Peak	Horizontal
	11489.0	40.4	6.2	46.6	74.0	-27.4	Peak	Horizontal
*	13903.0	38.6	8.8	47.4	68.2	-20.8	Peak	Horizontal
	8437.5	41.4	2.6	44.0	74.0	-30.0	Peak	Vertical
	9789.0	42.0	5.0	47.0	68.2	-21.2	Peak	Vertical
	11489.0	40.0	6.2	46.2	74.0	-27.8	Peak	Vertical
*	14804.0	37.9	10.8	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8106.0	41.4	2.8	44.2	74.0	-29.8	Peak	Horizontal
	9942.0	41.4	4.3	45.7	68.2	-22.5	Peak	Horizontal
	11752.5	39.6	6.2	45.8	74.0	-28.2	Peak	Horizontal
*	13835.0	39.4	8.6	48.0	68.2	-20.2	Peak	Horizontal
	8259.0	41.4	2.7	44.1	74.0	-29.9	Peak	Vertical
	10248.0	40.8	4.6	45.4	68.2	-22.8	Peak	Vertical
	11582.5	39.5	6.1	45.6	74.0	-28.4	Peak	Vertical
*	13801.0	38.2	8.9	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8412.0	42.3	2.3	44.6	74.0	-29.4	Peak	Horizontal
	9729.5	41.7	4.6	46.3	68.2	-21.9	Peak	Horizontal
	11489.0	39.9	6.2	46.1	74.0	-27.9	Peak	Horizontal
*	14226.0	39.9	9.1	49.0	68.2	-19.2	Peak	Horizontal
	8225.0	41.6	2.4	44.0	74.0	-30.0	Peak	Vertical
	9891.0	41.1	4.5	45.6	68.2	-22.6	Peak	Vertical
	11463.5	40.5	5.8	46.3	74.0	-27.7	Peak	Vertical
*	13605.5	39.3	8.3	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8463.0	41.6	2.6	44.2	74.0	-29.8	Peak	Horizontal
	9712.5	41.3	4.6	45.9	68.2	-22.3	Peak	Horizontal
	11795.0	39.5	6.4	45.9	74.0	-28.1	Peak	Horizontal
*	13614.0	38.6	8.4	47.0	68.2	-21.2	Peak	Horizontal
	8259.0	40.1	2.7	42.8	74.0	-31.2	Peak	Vertical
	9848.5	41.9	4.5	46.4	68.2	-21.8	Peak	Vertical
	11701.5	39.3	6.2	45.5	74.0	-28.5	Peak	Vertical
*	13716.0	39.6	8.5	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8446.0	41.6	2.5	44.1	74.0	-29.9	Peak	Horizontal
	9823.0	41.2	4.6	45.8	68.2	-22.4	Peak	Horizontal
	11421.0	40.3	6.1	46.4	74.0	-27.6	Peak	Horizontal
*	14013.5	39.4	9.0	48.4	68.2	-19.8	Peak	Horizontal
	8140.0	41.4	2.5	43.9	74.0	-30.1	Peak	Vertical
	9780.5	41.0	4.7	45.7	68.2	-22.5	Peak	Vertical
	11769.5	40.4	6.2	46.6	74.0	-27.4	Peak	Vertical
*	13809.5	38.5	8.9	47.4	68.2	-20.8	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8463.0	42.2	2.6	44.8	74.0	-29.2	Peak	Horizontal
	10010.0	40.8	4.8	45.6	68.2	-22.6	Peak	Horizontal
	12500.5	39.4	7.4	46.8	74.0	-27.2	Peak	Horizontal
*	13784.0	38.9	8.9	47.8	68.2	-20.4	Peak	Horizontal
	8148.5	41.6	2.6	44.2	74.0	-29.8	Peak	Vertical
	9559.5	41.3	4.3	45.6	68.2	-22.6	Peak	Vertical
	11489.0	39.7	6.2	45.9	74.0	-28.1	Peak	Vertical
*	13631.0	39.4	8.3	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8174.0	41.7	2.6	44.3	74.0	-29.7	Peak	Horizontal
	9806.0	41.3	4.9	46.2	68.2	-22.0	Peak	Horizontal
	11574.0	39.7	6.2	45.9	74.0	-28.1	Peak	Horizontal
*	14005.0	38.5	9.1	47.6	68.2	-20.6	Peak	Horizontal
	8429.0	42.0	2.8	44.8	74.0	-29.2	Peak	Vertical
	9814.5	41.3	4.7	46.0	68.2	-22.2	Peak	Vertical
	11846.0	39.8	6.2	46.0	74.0	-28.0	Peak	Vertical
*	13988.0	38.3	8.8	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8199.5	41.5	2.5	44.0	74.0	-30.0	Peak	Horizontal
	9874.0	40.9	4.6	45.5	68.2	-22.7	Peak	Horizontal
	11540.0	39.7	6.1	45.8	74.0	-28.2	Peak	Horizontal
*	13894.5	38.4	8.8	47.2	68.2	-21.0	Peak	Horizontal
	8412.0	42.0	2.3	44.3	74.0	-29.7	Peak	Vertical
	9755.0	41.3	4.5	45.8	68.2	-22.4	Peak	Vertical
	11599.5	40.0	6.3	46.3	74.0	-27.7	Peak	Vertical
*	13903.0	39.4	8.8	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8378.0	41.7	2.5	44.2	74.0	-29.8	Peak	Horizontal
	10205.5	41.5	4.4	45.9	68.2	-22.3	Peak	Horizontal
	12526.0	39.5	7.2	46.7	74.0	-27.3	Peak	Horizontal
*	13605.5	37.9	8.3	46.2	68.2	-22.0	Peak	Horizontal
	8310.0	41.8	2.4	44.2	74.0	-29.8	Peak	Vertical
	9831.5	41.9	4.6	46.5	68.2	-21.7	Peak	Vertical
	11931.0	39.9	6.4	46.3	74.0	-27.7	Peak	Vertical
*	13784.0	38.2	8.9	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8157.0	41.2	2.7	43.9	74.0	-30.1	Peak	Horizontal
	10222.5	41.5	4.4	45.9	68.2	-22.3	Peak	Horizontal
	11523.0	40.5	6.1	46.6	74.0	-27.4	Peak	Horizontal
*	13784.0	39.1	8.9	48.0	68.2	-20.2	Peak	Horizontal
	8191.0	41.1	2.6	43.7	74.0	-30.3	Peak	Vertical
	9984.5	41.1	4.6	45.7	68.2	-22.5	Peak	Vertical
	11582.5	39.8	6.1	45.9	74.0	-28.1	Peak	Vertical
*	14030.5	38.8	8.6	47.4	68.2	-20.8	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8420.5	42.3	2.6	44.9	74.0	-29.1	Peak	Horizontal
	9797.5	41.3	4.9	46.2	68.2	-22.0	Peak	Horizontal
	11608.0	39.7	6.4	46.1	74.0	-27.9	Peak	Horizontal
*	13639.5	39.4	8.0	47.4	68.2	-20.8	Peak	Horizontal
	8378.0	41.6	2.5	44.1	74.0	-29.9	Peak	Vertical
	9797.5	41.9	4.9	46.8	68.2	-21.4	Peak	Vertical
	11514.5	40.3	6.2	46.5	74.0	-27.5	Peak	Vertical
*	14022.0	38.7	8.9	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8259.0	41.5	2.7	44.2	74.0	-29.8	Peak	Horizontal
	9797.5	40.6	4.9	45.5	68.2	-22.7	Peak	Horizontal
	10919.5	40.9	5.5	46.4	74.0	-27.6	Peak	Horizontal
*	14005.0	38.5	9.1	47.6	68.2	-20.6	Peak	Horizontal
	8140.0	41.8	2.5	44.3	74.0	-29.7	Peak	Vertical
	9882.5	41.8	4.5	46.3	68.2	-21.9	Peak	Vertical
	12398.5	39.9	7.0	46.9	74.0	-27.1	Peak	Vertical
*	14005.0	38.8	9.1	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8157.0	41.3	2.7	44.0	74.0	-30.0	Peak	Horizontal
	9865.5	40.9	4.5	45.4	68.2	-22.8	Peak	Horizontal
	11191.5	40.3	5.4	45.7	74.0	-28.3	Peak	Horizontal
*	14897.5	38.8	10.8	49.6	68.2	-18.6	Peak	Horizontal
	8395.0	41.8	2.3	44.1	74.0	-29.9	Peak	Vertical
	9797.5	41.0	4.9	45.9	68.2	-22.3	Peak	Vertical
	11650.5	39.8	5.9	45.7	74.0	-28.3	Peak	Vertical
*	14812.5	38.6	10.9	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8344.0	40.9	2.2	43.1	74.0	-30.9	Peak	Horizontal
	10010.0	41.0	4.8	45.8	68.2	-22.4	Peak	Horizontal
	12568.5	40.6	7.6	48.2	74.0	-25.8	Peak	Horizontal
*	14149.5	39.4	8.7	48.1	68.2	-20.1	Peak	Horizontal
	8216.5	41.1	2.4	43.5	74.0	-30.5	Peak	Vertical
	9797.5	40.5	4.9	45.4	68.2	-22.8	Peak	Vertical
	11208.5	40.6	5.4	46.0	74.0	-28.0	Peak	Vertical
*	14234.5	39.3	9.0	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8420.5	42.5	2.6	45.1	74.0	-28.9	Peak	Horizontal
	9755.0	41.9	4.5	46.4	68.2	-21.8	Peak	Horizontal
	11761.0	40.0	6.2	46.2	74.0	-27.8	Peak	Horizontal
*	13673.5	39.7	8.2	47.9	68.2	-20.3	Peak	Horizontal
	8089.0	40.8	2.8	43.6	74.0	-30.4	Peak	Vertical
	9797.5	40.7	4.9	45.6	68.2	-22.6	Peak	Vertical
	12058.5	39.4	6.6	46.0	74.0	-28.0	Peak	Vertical
*	13860.5	39.2	8.6	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8301.5	41.8	2.5	44.3	74.0	-29.7	Peak	Horizontal
	9746.5	41.3	4.6	45.9	68.2	-22.3	Peak	Horizontal
	12330.5	40.4	6.5	46.9	74.0	-27.1	Peak	Horizontal
*	13733.0	38.9	8.4	47.3	68.2	-20.9	Peak	Horizontal
	8293.0	41.5	2.5	44.0	74.0	-30.0	Peak	Vertical
	9899.5	42.0	4.5	46.5	68.2	-21.7	Peak	Vertical
	11480.5	40.3	6.1	46.4	74.0	-27.6	Peak	Vertical
*	13750.0	39.2	8.4	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8191.0	41.3	2.6	43.9	74.0	-30.1	Peak	Horizontal
	9712.5	43.3	4.6	47.9	68.2	-20.3	Peak	Horizontal
	11412.5	40.2	6.0	46.2	74.0	-27.8	Peak	Horizontal
*	14013.5	39.0	9.0	48.0	68.2	-20.2	Peak	Horizontal
	8233.5	41.5	2.4	43.9	74.0	-30.1	Peak	Vertical
	9780.5	41.2	4.7	45.9	68.2	-22.3	Peak	Vertical
	11803.5	39.6	6.4	46.0	74.0	-28.0	Peak	Vertical
*	13614.0	39.0	8.4	47.4	68.2	-20.8	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8429.0	41.9	2.8	44.7	74.0	-29.3	Peak	Horizontal
	9738.0	41.6	4.7	46.3	68.2	-21.9	Peak	Horizontal
	11200.0	40.8	5.4	46.2	74.0	-27.8	Peak	Horizontal
*	13826.5	38.7	8.7	47.4	68.2	-20.8	Peak	Horizontal
	8114.5	41.6	2.8	44.4	74.0	-29.6	Peak	Vertical
	9780.5	40.6	4.7	45.3	68.2	-22.9	Peak	Vertical
	11939.5	39.5	6.4	45.9	74.0	-28.1	Peak	Vertical
*	14226.0	39.3	9.1	48.4	68.2	-19.8	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8310.0	41.5	2.4	43.9	74.0	-30.1	Peak	Horizontal
	9789.0	40.7	5.0	45.7	68.2	-22.5	Peak	Horizontal
	11939.5	39.3	6.4	45.7	74.0	-28.3	Peak	Horizontal
*	13631.0	39.4	8.3	47.7	68.2	-20.5	Peak	Horizontal
	8276.0	40.3	2.6	42.9	74.0	-31.1	Peak	Vertical
	9738.0	41.2	4.7	45.9	68.2	-22.3	Peak	Vertical
	11574.0	40.0	6.2	46.2	74.0	-27.8	Peak	Vertical
*	14013.5	39.3	9.0	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8114.5	41.7	2.8	44.5	74.0	-29.5	Peak	Horizontal
	9738.0	41.2	4.7	45.9	68.2	-22.3	Peak	Horizontal
	11667.5	40.1	6.0	46.1	74.0	-27.9	Peak	Horizontal
*	14268.5	38.8	9.1	47.9	68.2	-20.3	Peak	Horizontal
	8259.0	41.6	2.7	44.3	74.0	-29.7	Peak	Vertical
	9967.5	41.6	4.4	46.0	68.2	-22.2	Peak	Vertical
	11659.0	39.5	5.9	45.4	74.0	-28.6	Peak	Vertical
*	14897.5	37.9	10.8	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8344.0	42.0	2.2	44.2	74.0	-29.8	Peak	Horizontal
	9738.0	41.2	4.7	45.9	68.2	-22.3	Peak	Horizontal
	11582.5	41.5	6.1	47.6	74.0	-26.4	Peak	Horizontal
*	13767.0	38.6	8.5	47.1	68.2	-21.1	Peak	Horizontal
	8386.5	41.3	2.4	43.7	74.0	-30.3	Peak	Vertical
	9823.0	40.9	4.6	45.5	68.2	-22.7	Peak	Vertical
	11506.0	39.9	6.3	46.2	74.0	-27.8	Peak	Vertical
*	13631.0	38.4	8.3	46.7	68.2	-21.5	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-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8454.5	42.1	2.5	44.6	74.0	-29.4	Peak	Horizontal
	9865.5	41.9	4.5	46.4	68.2	-21.8	Peak	Horizontal
	11710.0	39.8	6.3	46.1	74.0	-27.9	Peak	Horizontal
*	13979.5	39.0	8.7	47.7	68.2	-20.5	Peak	Horizontal
	8106.0	41.0	2.8	43.8	74.0	-30.2	Peak	Vertical
	9738.0	41.1	4.7	45.8	68.2	-22.4	Peak	Vertical
	12220.0	40.1	6.3	46.4	74.0	-27.6	Peak	Vertical
*	14506.5	37.6	10.4	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8140.0	42.4	2.5	44.9	74.0	-29.1	Peak	Horizontal
	9823.0	41.9	4.6	46.5	68.2	-21.7	Peak	Horizontal
	11778.0	39.3	6.2	45.5	74.0	-28.5	Peak	Horizontal
*	13707.5	39.1	8.4	47.5	68.2	-20.7	Peak	Horizontal
	8140.0	41.5	2.5	44.0	74.0	-30.0	Peak	Vertical
	9925.0	41.8	4.7	46.5	68.2	-21.7	Peak	Vertical
	11523.0	39.8	6.1	45.9	74.0	-28.1	Peak	Vertical
*	13818.0	39.6	8.9	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8420.5	41.9	2.6	44.5	74.0	-29.5	Peak	Horizontal
	9712.5	43.0	4.6	47.6	68.2	-20.6	Peak	Horizontal
	11582.5	40.0	6.1	46.1	74.0	-27.9	Peak	Horizontal
*	13631.0	39.8	8.3	48.1	68.2	-20.1	Peak	Horizontal
	8463.0	41.6	2.6	44.2	74.0	-29.8	Peak	Vertical
	9899.5	41.1	4.5	45.6	68.2	-22.6	Peak	Vertical
	11582.5	40.0	6.1	46.1	74.0	-27.9	Peak	Vertical
*	13775.5	38.3	8.7	47.0	68.2	-21.2	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8412.0	41.7	2.3	44.0	74.0	-30.0	Peak	Horizontal
	9840.0	41.3	4.6	45.9	68.2	-22.3	Peak	Horizontal
	11548.5	40.3	6.0	46.3	74.0	-27.7	Peak	Horizontal
*	13605.5	38.8	8.3	47.1	68.2	-21.1	Peak	Horizontal
	8199.5	40.5	2.5	43.0	74.0	-31.0	Peak	Vertical
	9976.0	41.9	4.5	46.4	68.2	-21.8	Peak	Vertical
	11710.0	40.5	6.3	46.8	74.0	-27.2	Peak	Vertical
*	13605.5	39.2	8.3	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2023-10-22	Test Mode	802.11ax-HE80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8429.0	41.4	2.8	44.2	74.0	-29.8	Peak	Horizontal
	9704.0	41.5	4.8	46.3	68.2	-21.9	Peak	Horizontal
	11497.5	39.9	6.3	46.2	74.0	-27.8	Peak	Horizontal
*	13801.0	39.3	8.9	48.2	68.2	-20.0	Peak	Horizontal
	8463.0	41.4	2.6	44.0	74.0	-30.0	Peak	Vertical
	9797.5	41.1	4.9	46.0	68.2	-22.2	Peak	Vertical
	11489.0	39.8	6.2	46.0	74.0	-28.0	Peak	Vertical
*	13792.5	38.1	8.9	47.0	68.2	-21.2	Peak	Vertical

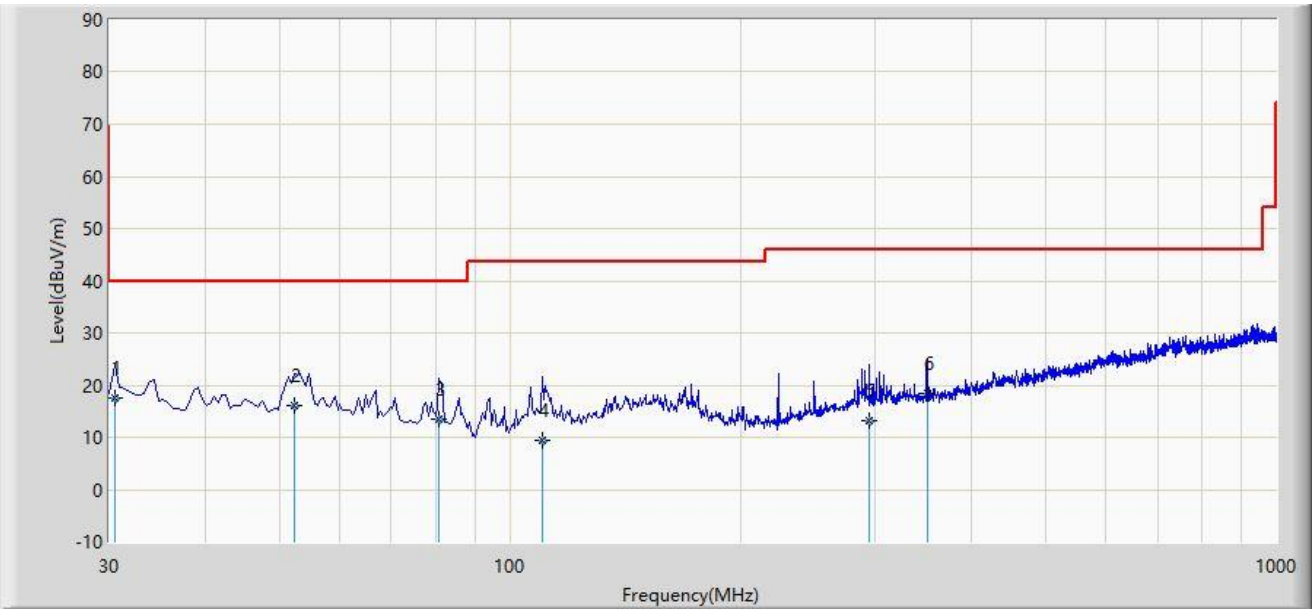
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Result of Radiated Emission below 1GHz:

Site: SIP-AC1	Test Date: 2023/10/24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: VULB 9168_00998_25-2000MHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Note: 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	*	30.485	17.630	0.900	-22.370	40.000	16.730	QP
2		52.310	16.184	-1.700	-23.816	40.000	17.884	QP
3		80.925	13.528	0.300	-26.472	40.000	13.227	QP
4		110.510	9.403	-5.500	-34.097	43.500	14.903	QP
5		294.325	13.194	-5.100	-32.806	46.000	18.294	QP
6		350.100	18.500	-0.900	-27.500	46.000	19.400	QP

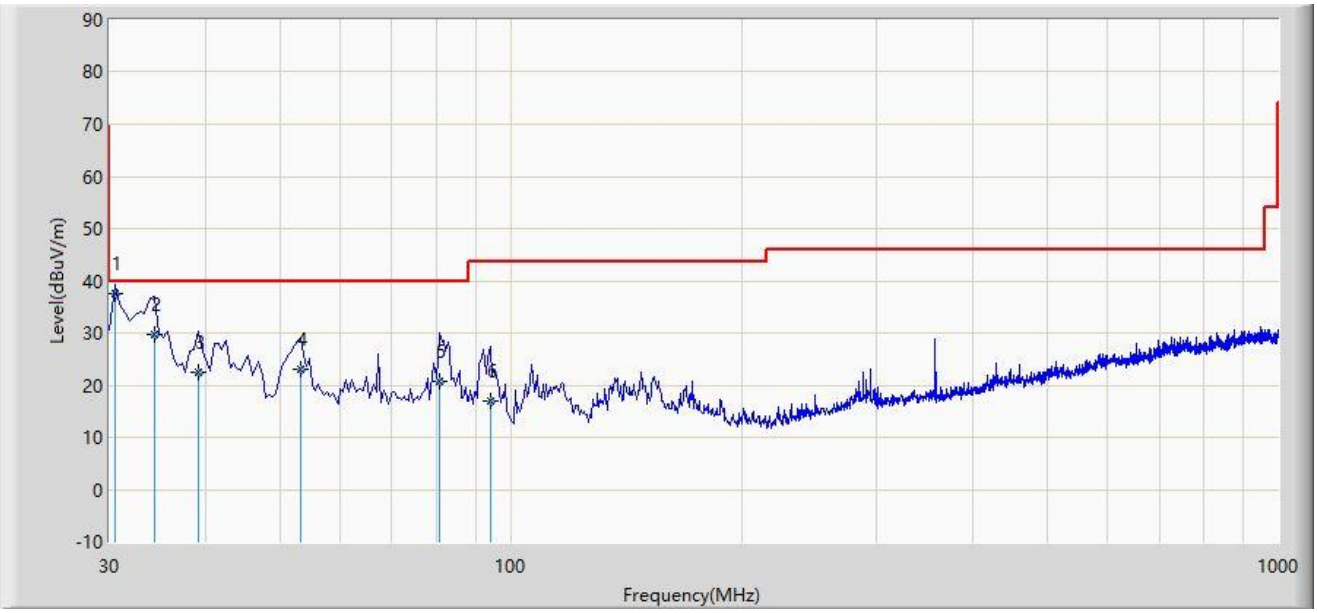
Note 1: " * ", means this data is the worst emission level.

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

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

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

Site: SIP-AC1	Test Date: 2023/10/24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: VULB 9168_00998_25-2000MHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Note: 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	*	30.485	37.630	20.900	-2.370	40.000	16.730	QP
2		34.365	29.734	12.900	-10.266	40.000	16.834	QP
3		39.215	22.509	5.200	-17.491	40.000	17.308	QP
4		53.280	22.903	5.000	-17.097	40.000	17.903	QP
5		80.925	20.628	7.400	-19.372	40.000	13.227	QP
6		94.020	16.861	4.400	-26.639	43.500	12.461	QP

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

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

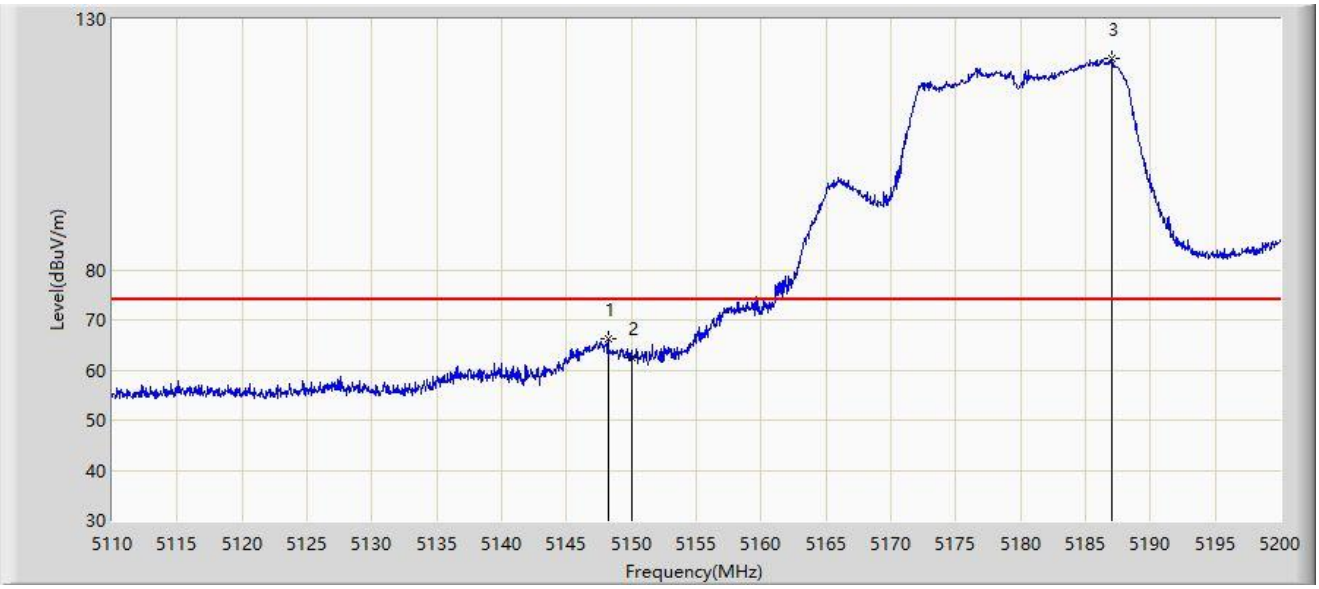
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

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

A.8 Radiated Restricted Band Edge Test Result

Antenna Model No. - KDP2N-D2458L13BWB:

Site: SIP-AC2	Test Date: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.205	66.134	64.547	-7.866	74.000	1.586	PK
2		5150.000	62.413	60.484	-11.587	74.000	1.929	PK
3		5187.040	122.200	80.522	N/A	N/A	41.678	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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5180MHz	

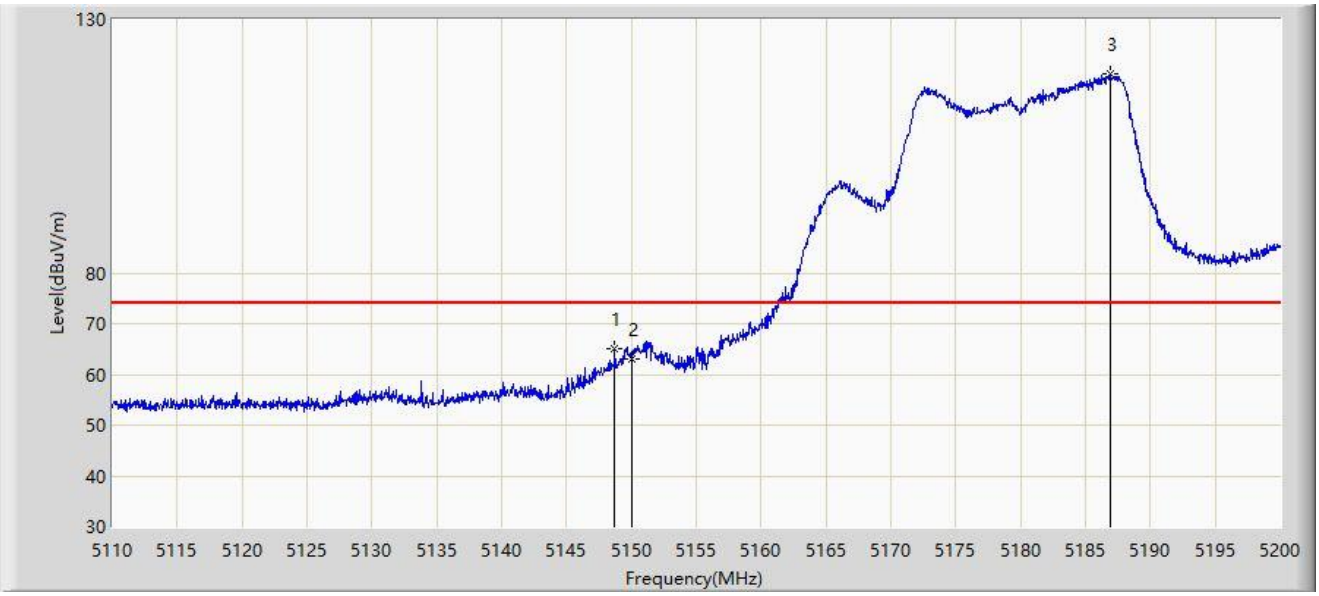
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.125	52.566	51.116	-1.434	54.000	1.450	AV
2		5150.000	50.895	48.966	-3.105	54.000	1.929	AV
3		5186.185	112.768	71.805	N/A	N/A	40.962	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5180MHz	



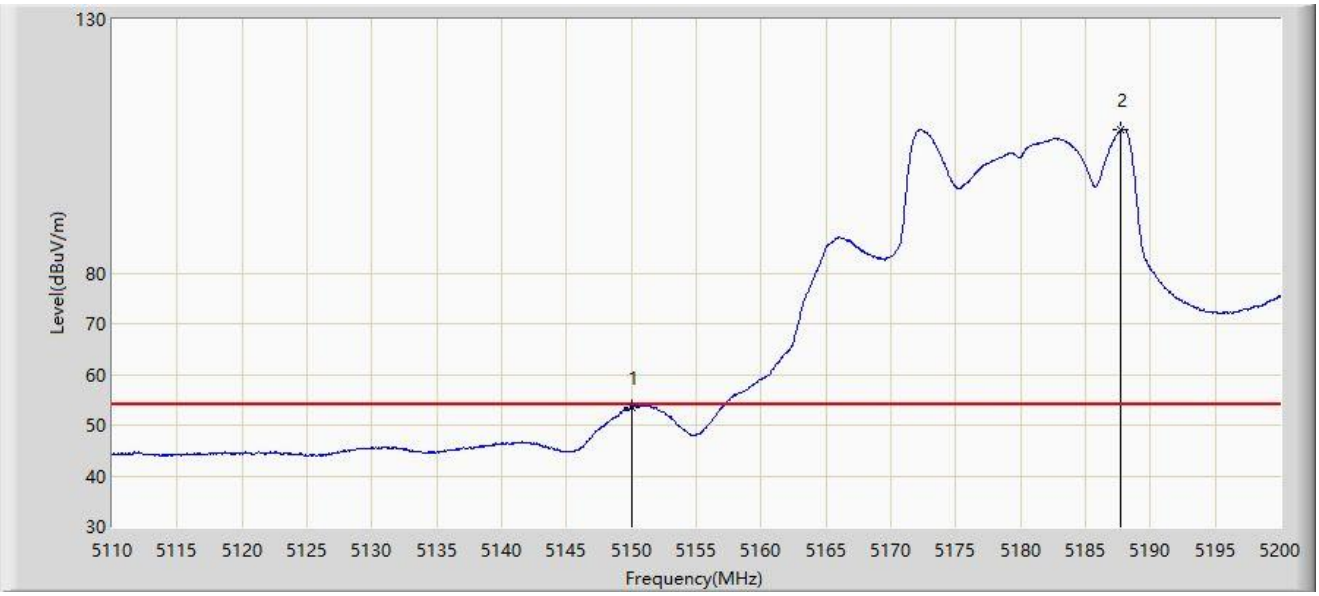
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.700	65.041	63.368	-8.959	74.000	1.672	PK
2		5150.000	63.171	61.242	-10.829	74.000	1.929	PK
3		5186.905	119.372	77.831	N/A	N/A	41.542	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5180MHz	



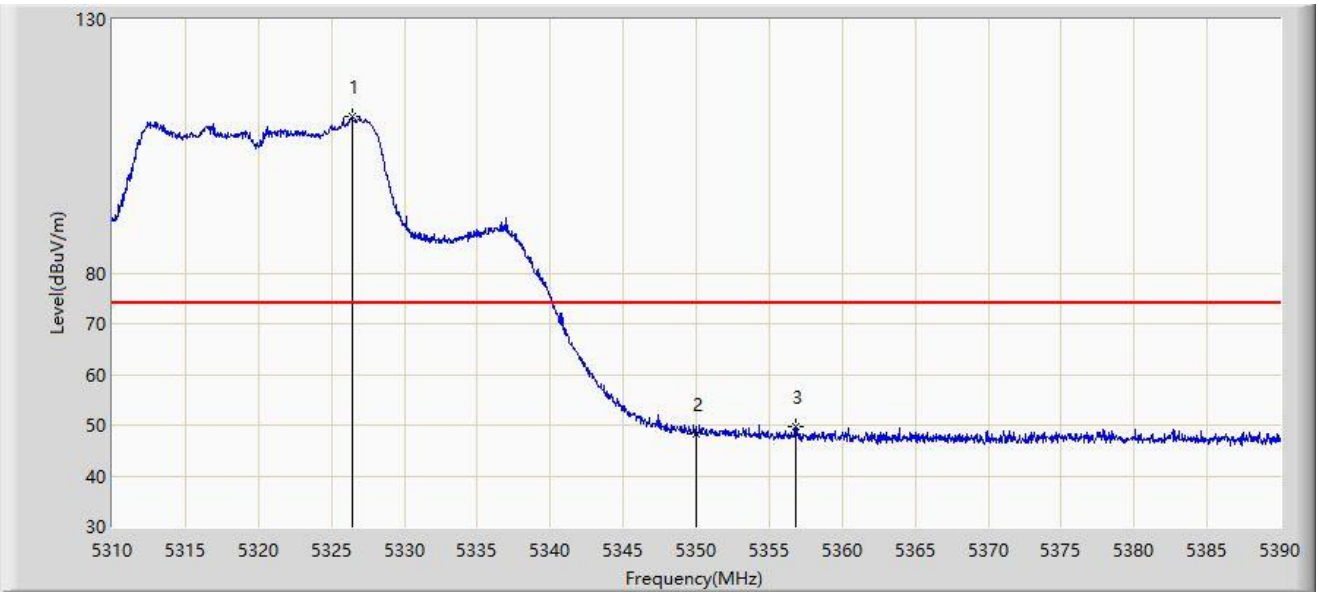
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	53.622	51.693	-0.378	54.000	1.929	AV
2		5187.760	108.129	65.624	N/A	N/A	42.504	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5320MHz	



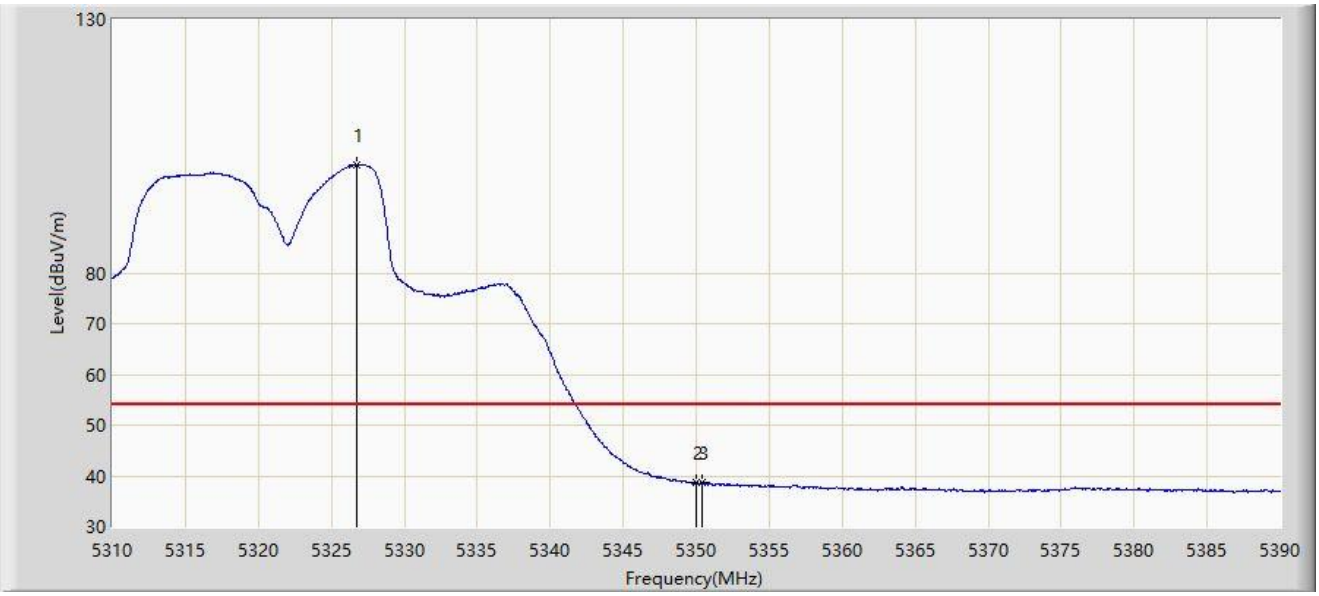
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.440	110.809	65.494	N/A	N/A	45.314	PK
2		5350.000	48.348	44.244	-25.652	74.000	4.104	PK
3	*	5356.840	49.684	47.388	-24.316	74.000	2.296	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5320MHz	



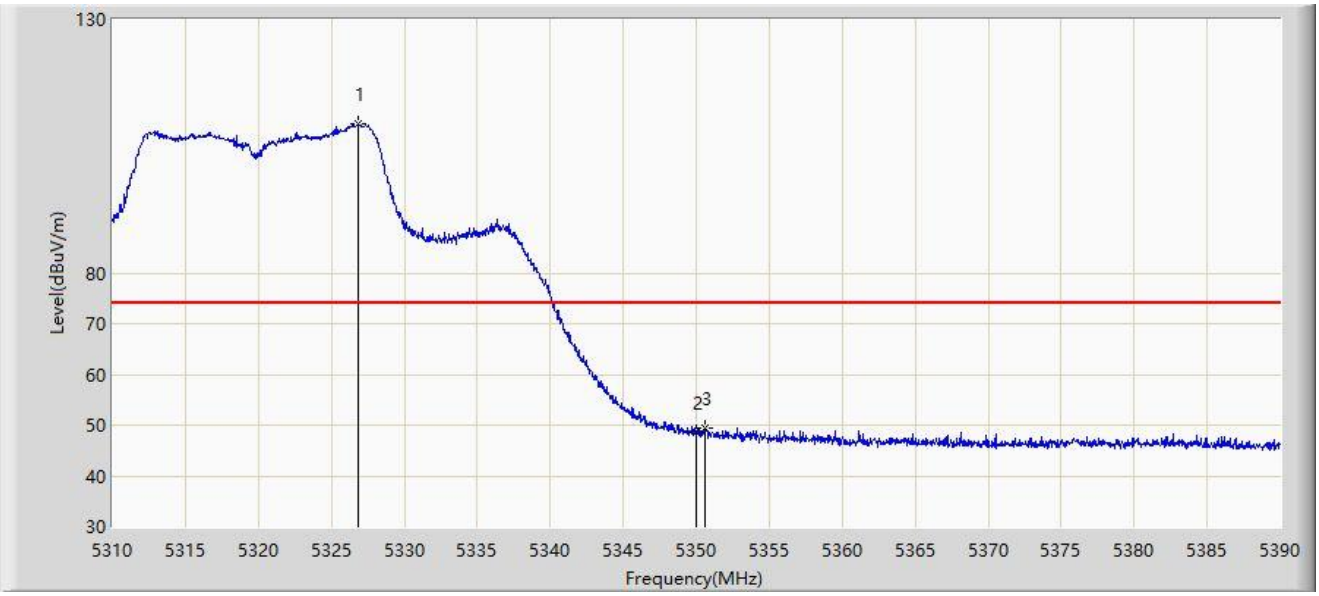
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.720	101.333	55.841	N/A	N/A	45.492	AV
2		5350.000	38.610	34.506	-15.390	54.000	4.104	AV
3	*	5350.440	38.714	34.841	-15.286	54.000	3.874	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5320MHz	



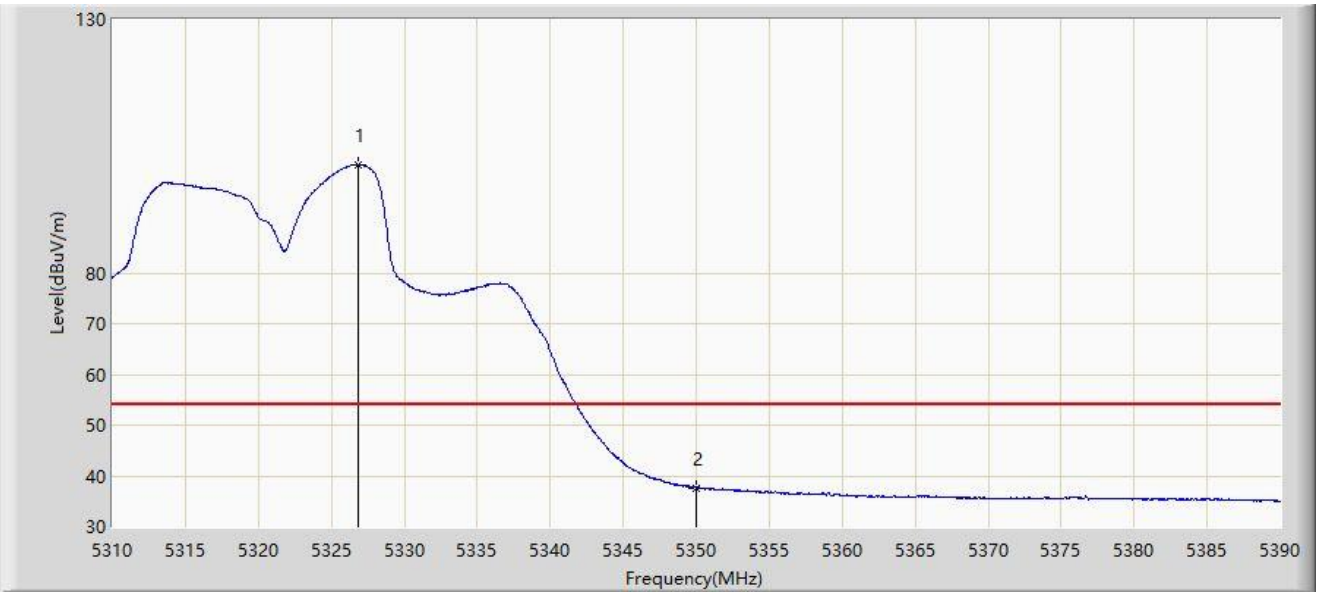
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.880	109.326	63.733	N/A	N/A	45.592	PK
2		5350.000	48.584	44.480	-25.416	74.000	4.104	PK
3	*	5350.560	49.474	45.653	-24.526	74.000	3.821	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5320MHz	



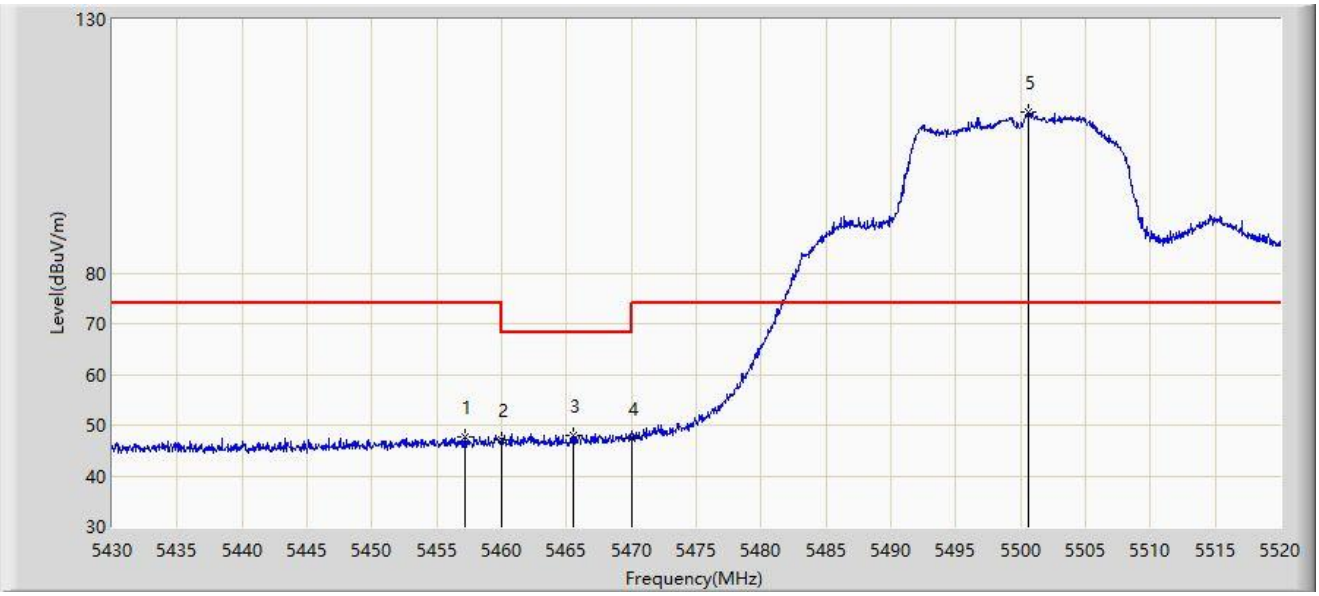
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.800	101.299	55.757	N/A	N/A	45.542	AV
2	*	5350.000	37.674	33.570	-16.326	54.000	4.104	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5500MHz P=9	



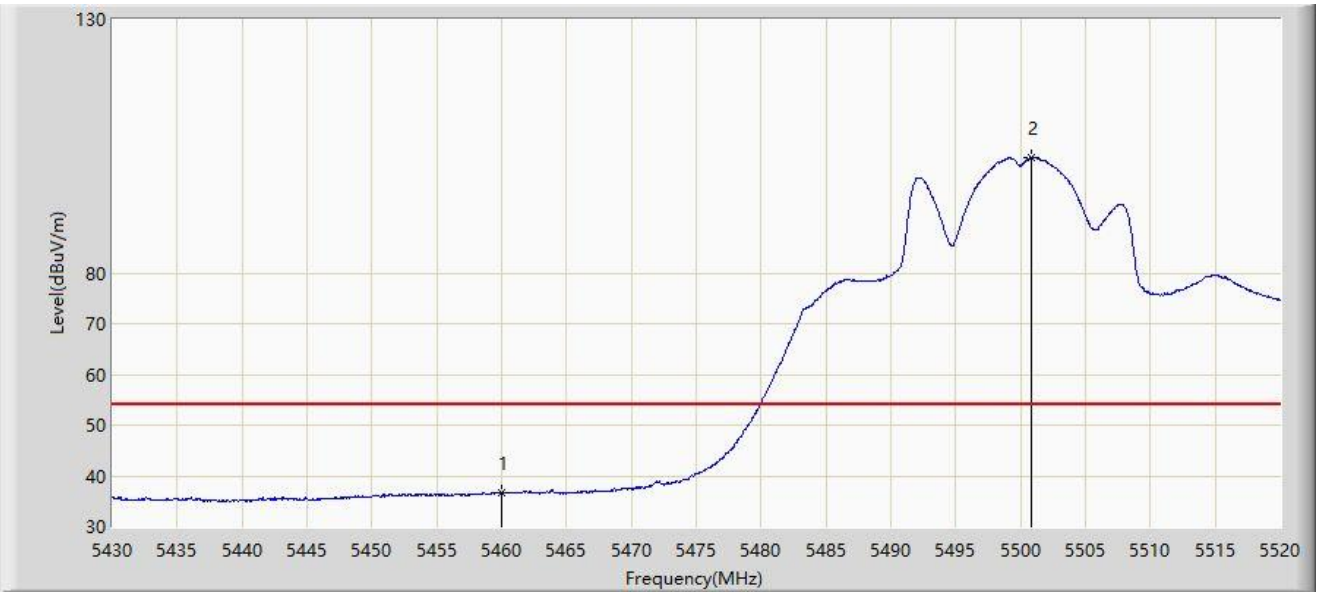
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5457.225	47.742	46.334	-26.258	74.000	1.408	PK
2		5460.000	46.989	45.348	-21.211	68.200	1.641	PK
3	*	5465.505	47.919	45.586	-20.281	68.200	2.333	PK
4		5470.000	47.369	44.032	-20.831	68.200	3.337	PK
5		5500.650	111.707	68.143	N/A	N/A	43.565	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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5500MHz P=9	



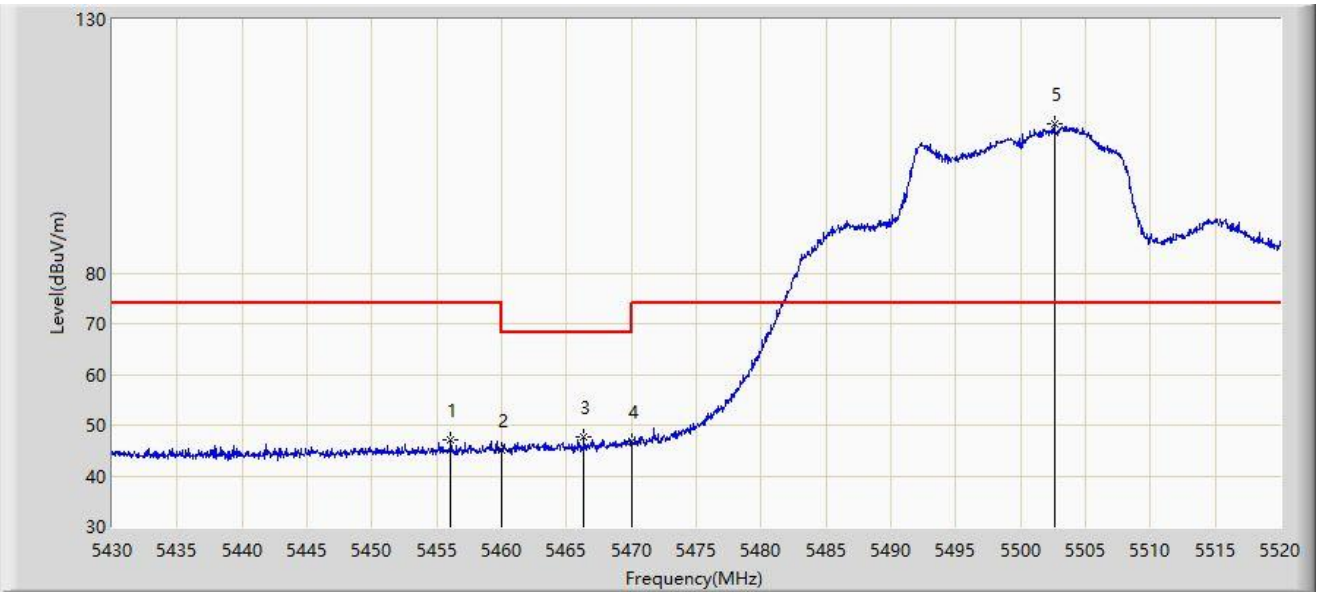
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	36.556	34.915	-17.444	54.000	1.641	AV
2		5500.875	102.880	59.129	N/A	N/A	43.751	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5500MHz P=9	



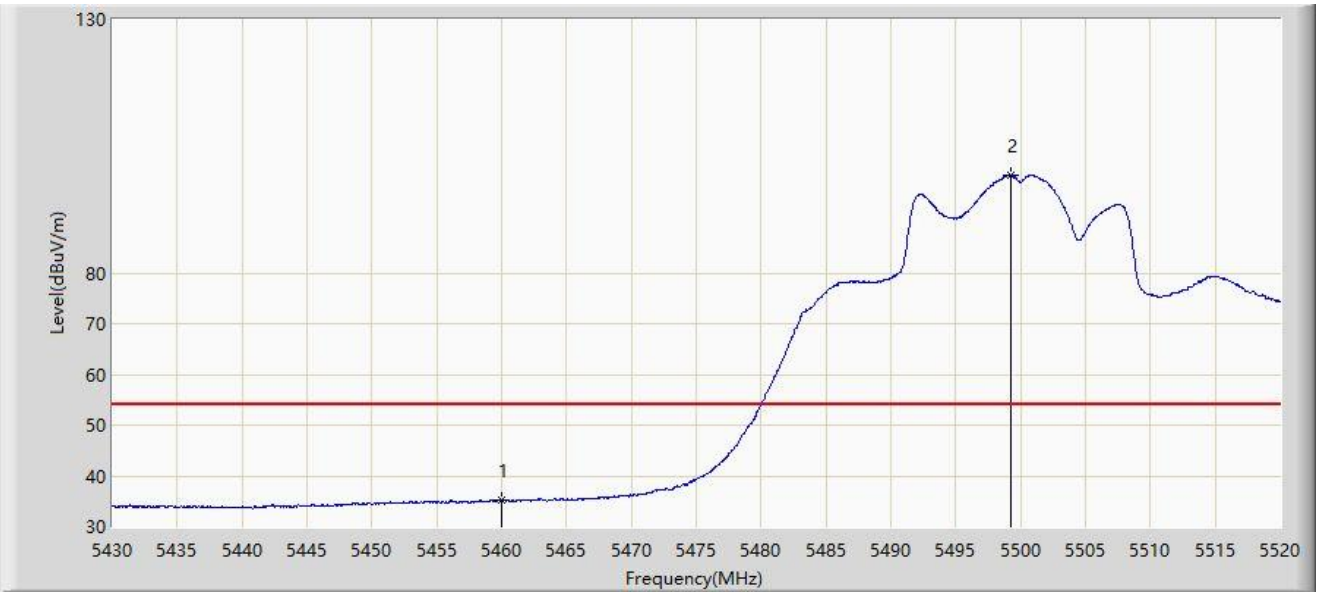
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5456.100	46.990	45.650	-27.010	74.000	1.340	PK
2		5460.000	45.038	43.397	-23.162	68.200	1.641	PK
3	*	5466.360	47.824	45.306	-20.376	68.200	2.518	PK
4		5470.000	46.678	43.341	-21.522	68.200	3.337	PK
5		5502.585	109.327	63.394	N/A	N/A	45.933	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5500MHz P=9	



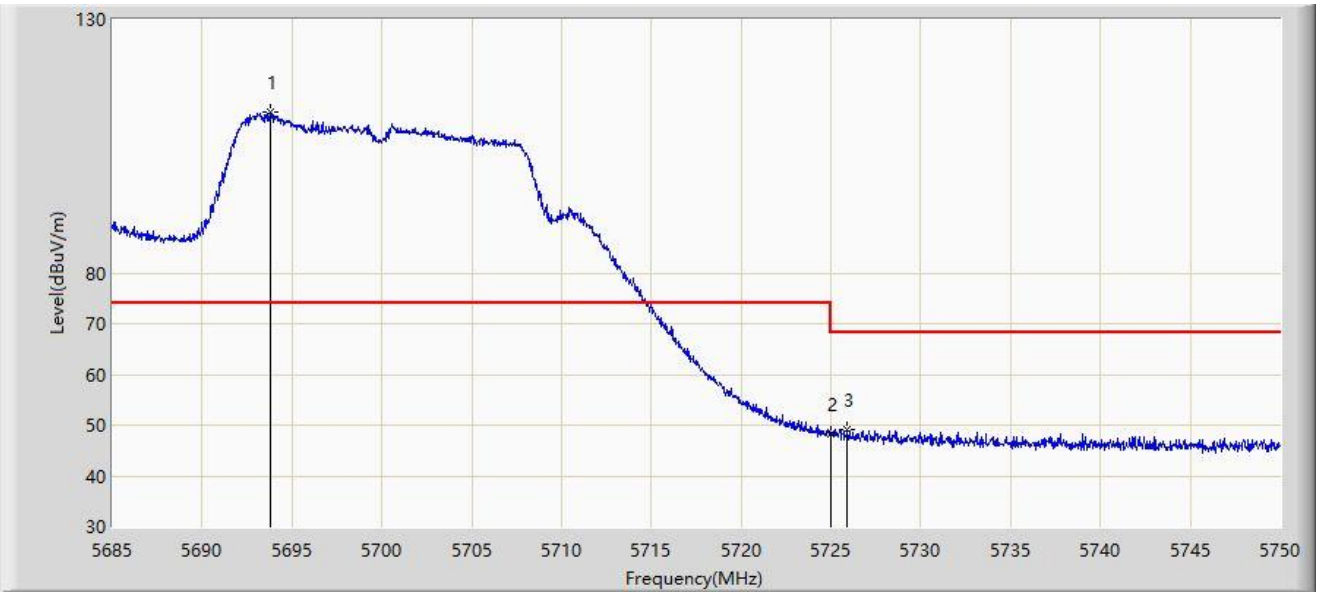
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	35.272	33.631	-18.728	54.000	1.641	AV
2		5499.255	99.374	56.494	N/A	N/A	42.879	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5700MHz P=9	



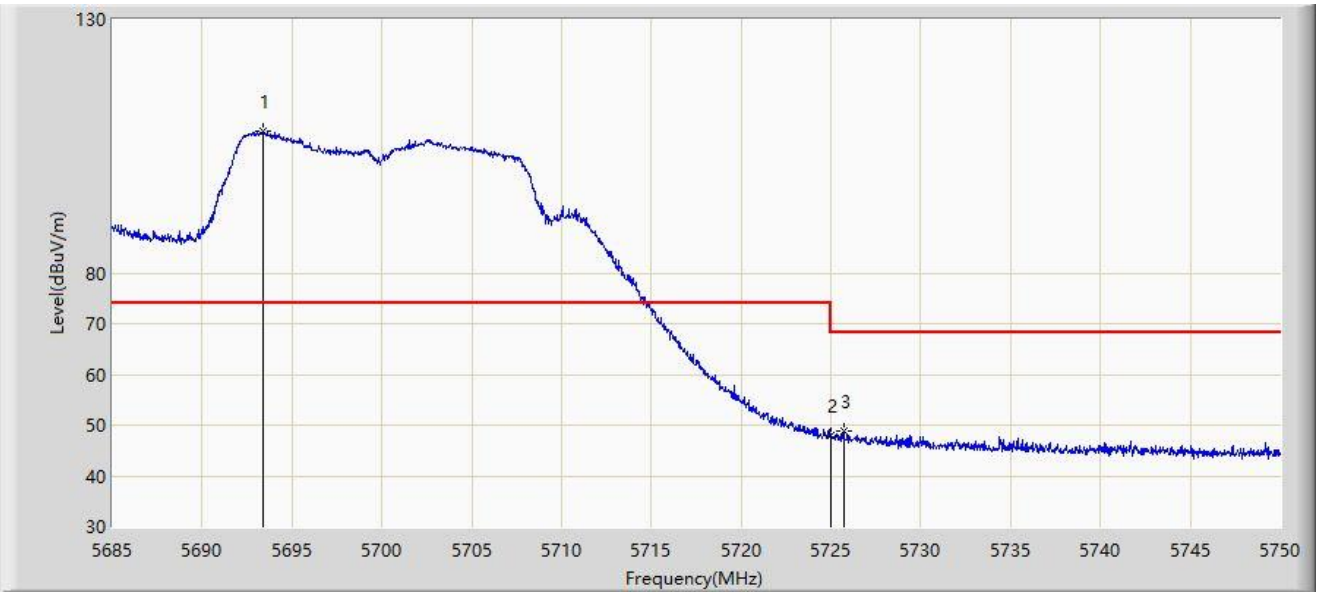
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5693.775	111.685	63.611	N/A	N/A	48.073	PK
2		5725.000	48.222	43.151	-19.978	68.200	5.070	PK
3	*	5725.917	49.159	44.599	-19.041	68.200	4.560	PK

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5700MHz P=9	



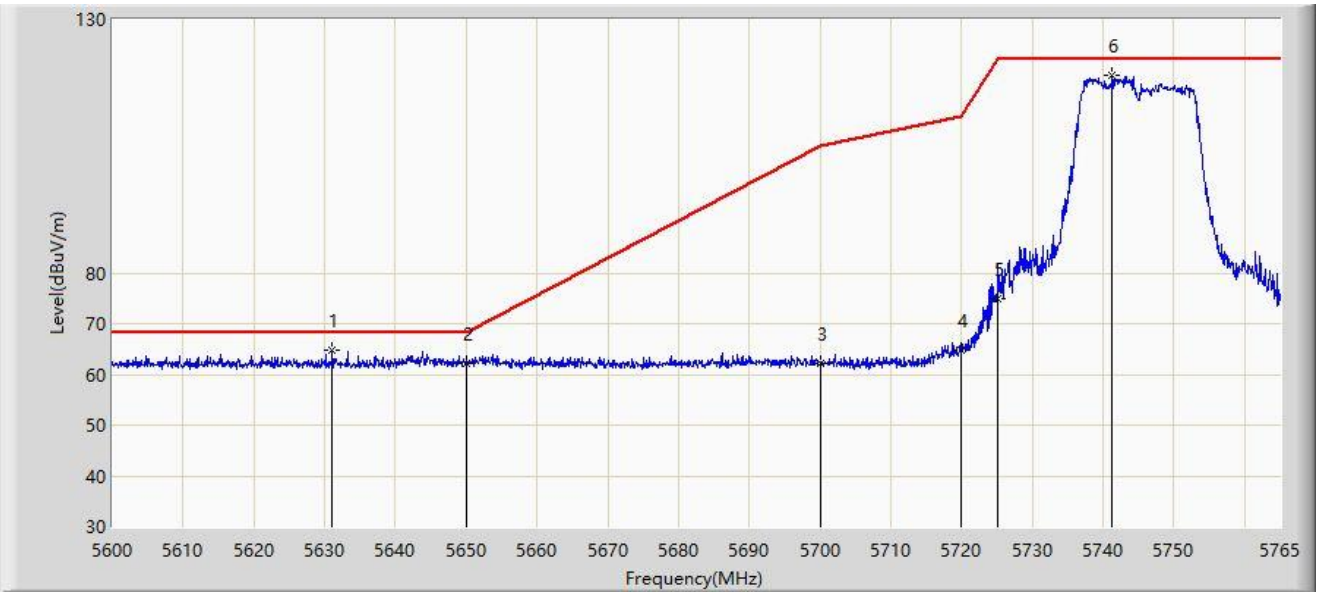
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5693.385	107.998	60.178	N/A	N/A	47.820	PK
2		5725.000	47.945	42.874	-20.255	68.200	5.070	PK
3	*	5725.690	48.792	44.105	-19.408	68.200	4.687	PK

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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5745MHz	



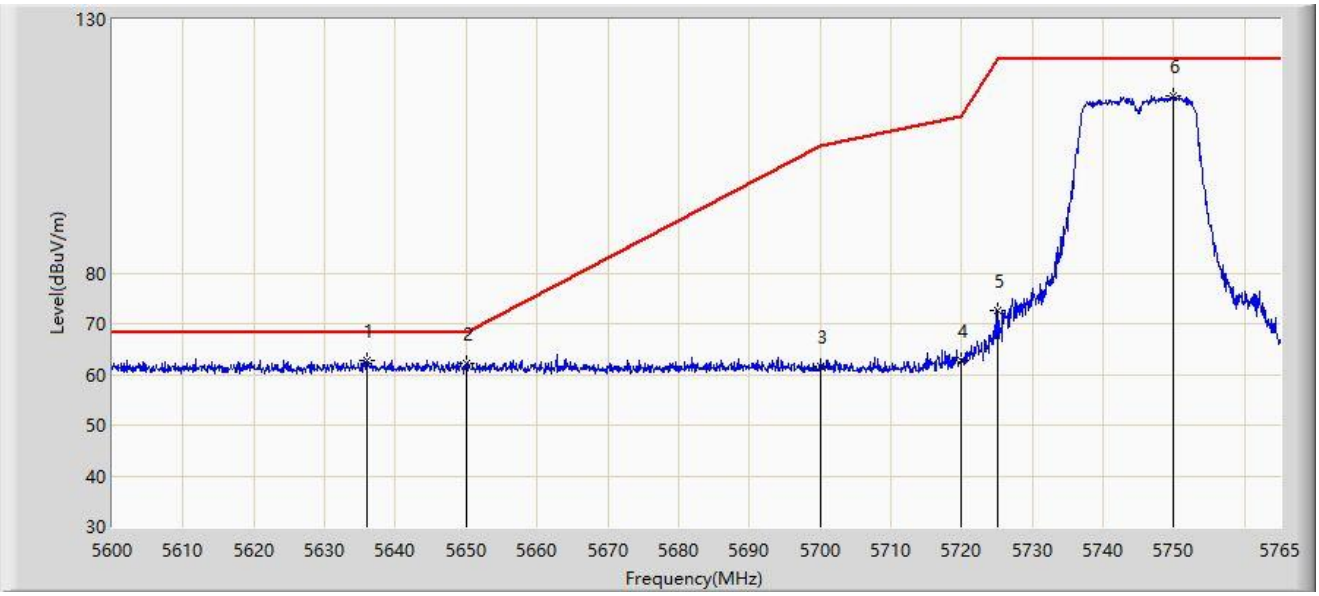
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5631.103	64.889	72.186	-3.311	68.200	-7.297	PK
2		5650.000	62.043	69.363	-6.157	68.200	-7.319	PK
3		5700.000	62.233	69.407	-42.967	105.200	-7.174	PK
4		5720.000	64.784	72.256	-46.016	110.800	-7.472	PK
5		5725.000	75.064	82.525	-47.136	122.200	-7.461	PK
6		5741.322	118.880	126.408	N/A	N/A	-7.529	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5745MHz	



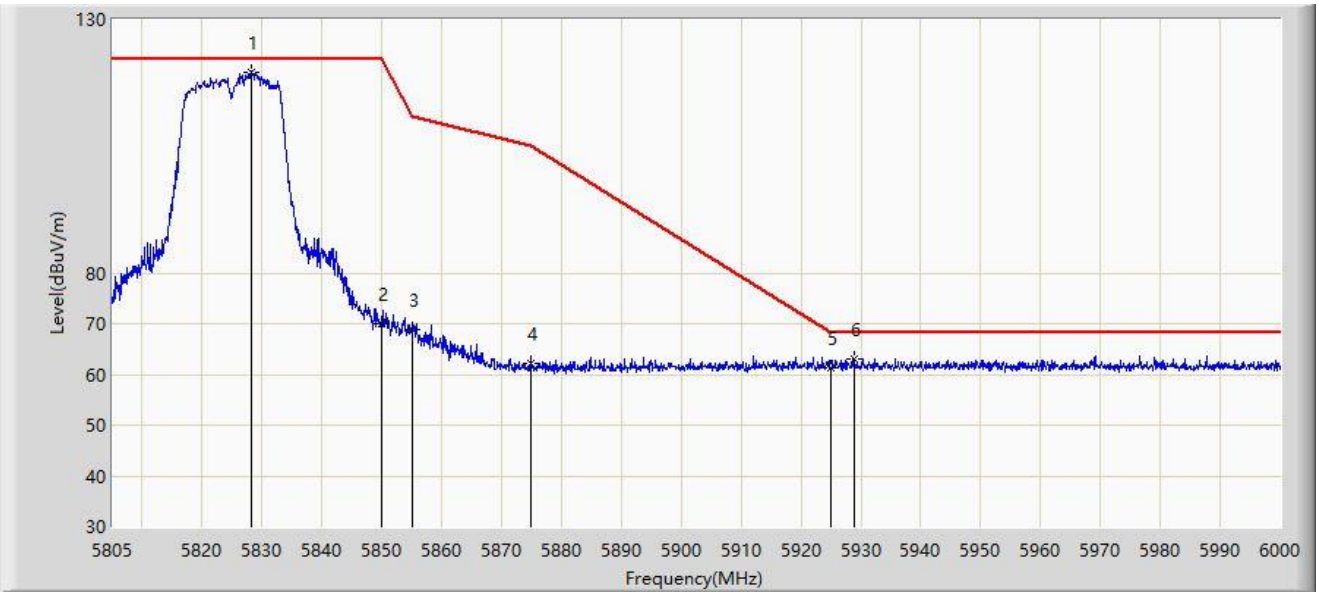
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5635.888	62.835	70.147	-5.365	68.200	-7.312	PK
2		5650.000	62.054	69.374	-6.146	68.200	-7.319	PK
3		5700.000	61.673	68.847	-43.527	105.200	-7.174	PK
4		5720.000	62.828	70.300	-47.972	110.800	-7.472	PK
5		5725.000	72.612	80.073	-49.588	122.200	-7.461	PK
6		5749.902	114.862	122.335	N/A	N/A	-7.472	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5825MHz	



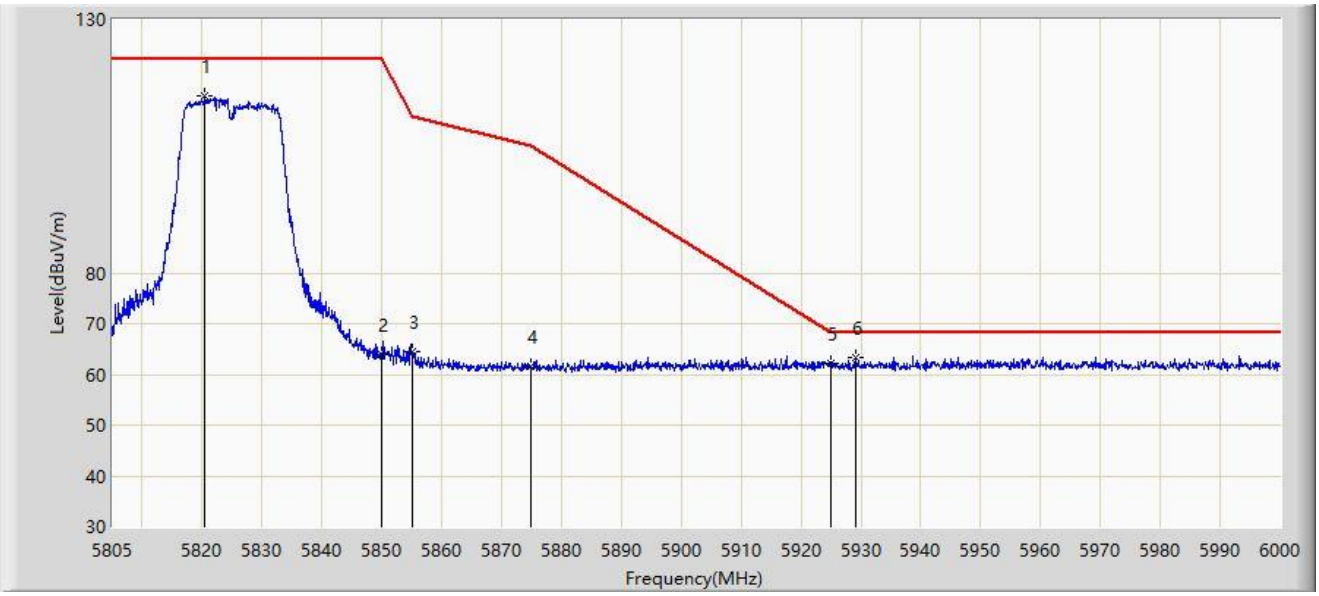
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5828.303	119.652	126.920	N/A	N/A	-7.268	PK
2		5850.000	69.956	77.193	-52.244	122.200	-7.237	PK
3		5855.000	68.700	75.918	-42.100	110.800	-7.217	PK
4		5875.000	62.133	69.485	-43.067	105.200	-7.352	PK
5		5925.000	61.289	68.415	-6.911	68.200	-7.126	PK
6	*	5928.825	63.144	70.251	-5.056	68.200	-7.107	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at 5825MHz	



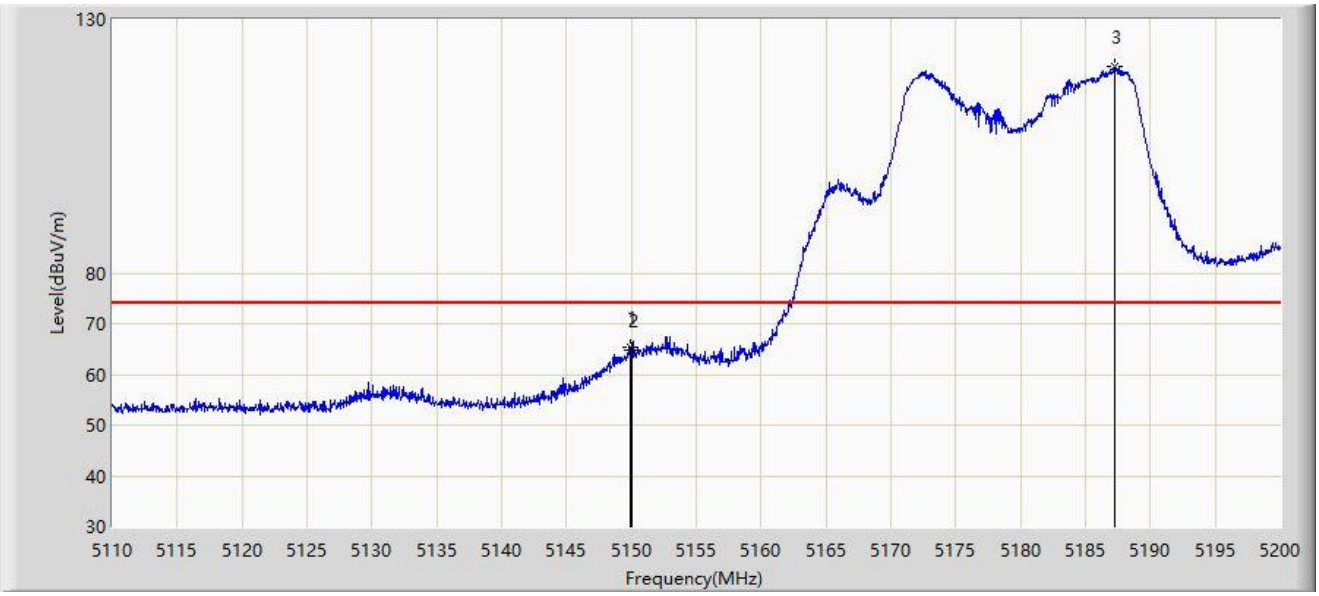
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5820.405	114.993	122.296	N/A	N/A	-7.303	PK
2		5850.000	64.038	71.275	-58.162	122.200	-7.237	PK
3		5855.000	64.420	71.638	-46.380	110.800	-7.217	PK
4		5875.000	61.469	68.821	-43.731	105.200	-7.352	PK
5		5925.000	62.284	69.410	-5.916	68.200	-7.126	PK
6	*	5929.020	63.358	70.464	-4.842	68.200	-7.106	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



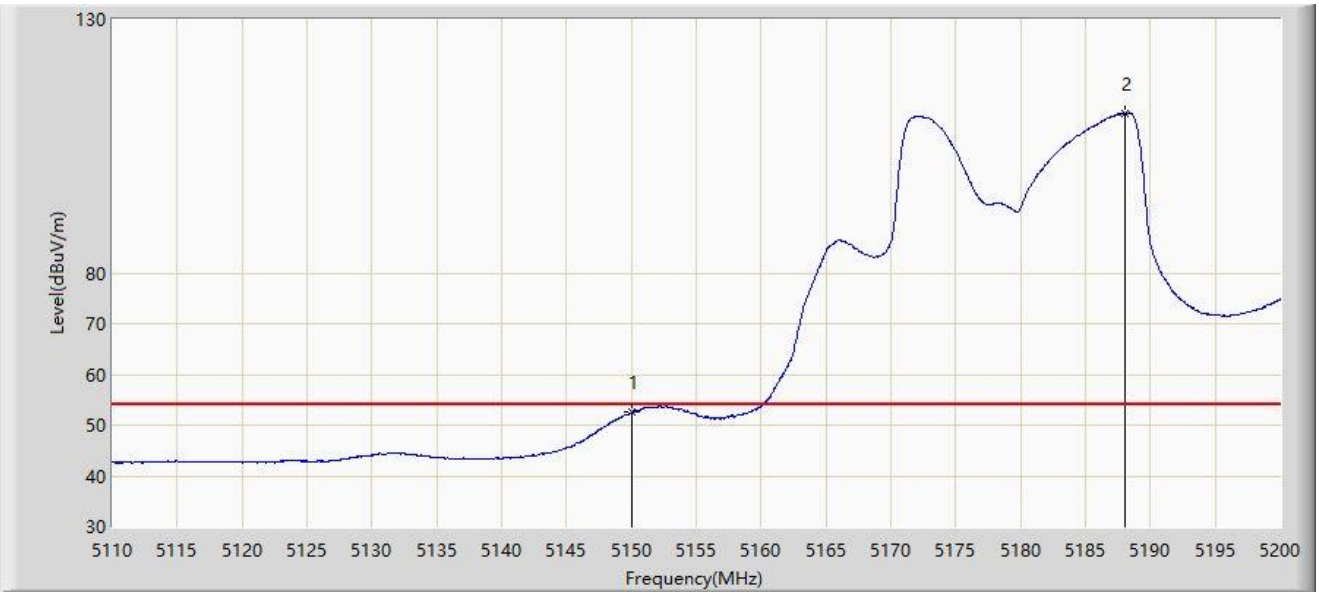
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.960	65.225	63.302	-8.775	74.000	1.923	PK
2		5150.000	64.897	62.968	-9.103	74.000	1.929	PK
3		5187.265	120.583	78.677	N/A	N/A	41.906	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



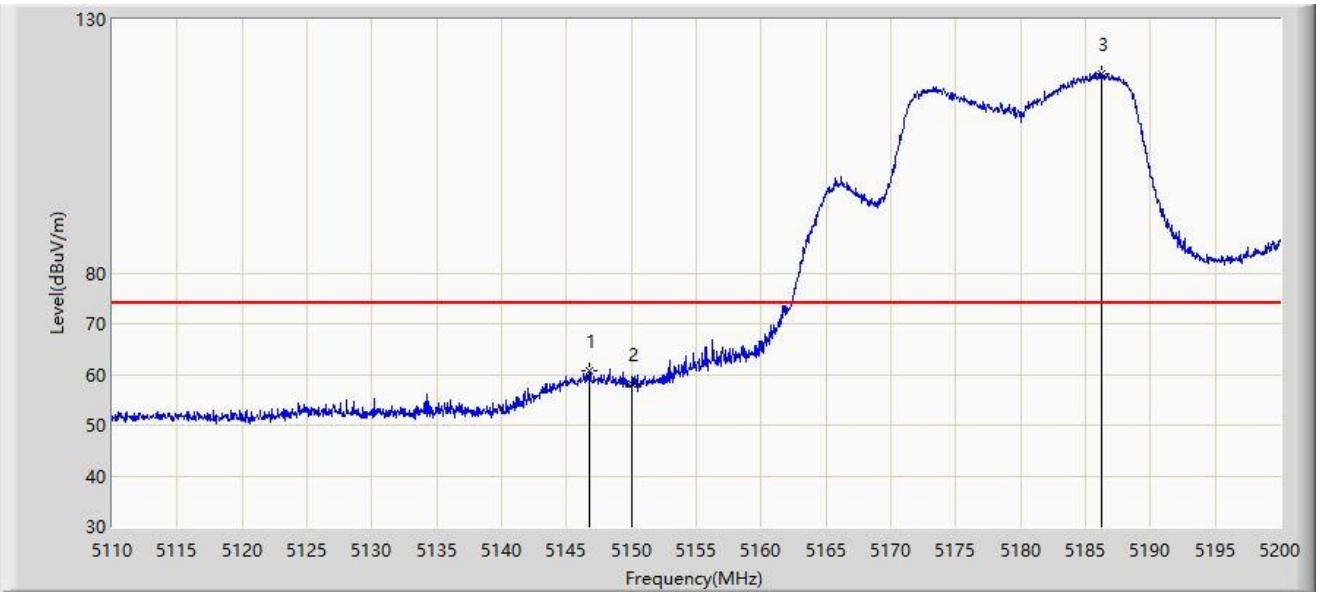
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	52.477	50.548	-1.523	54.000	1.929	AV
2		5188.030	111.583	68.642	N/A	N/A	42.942	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



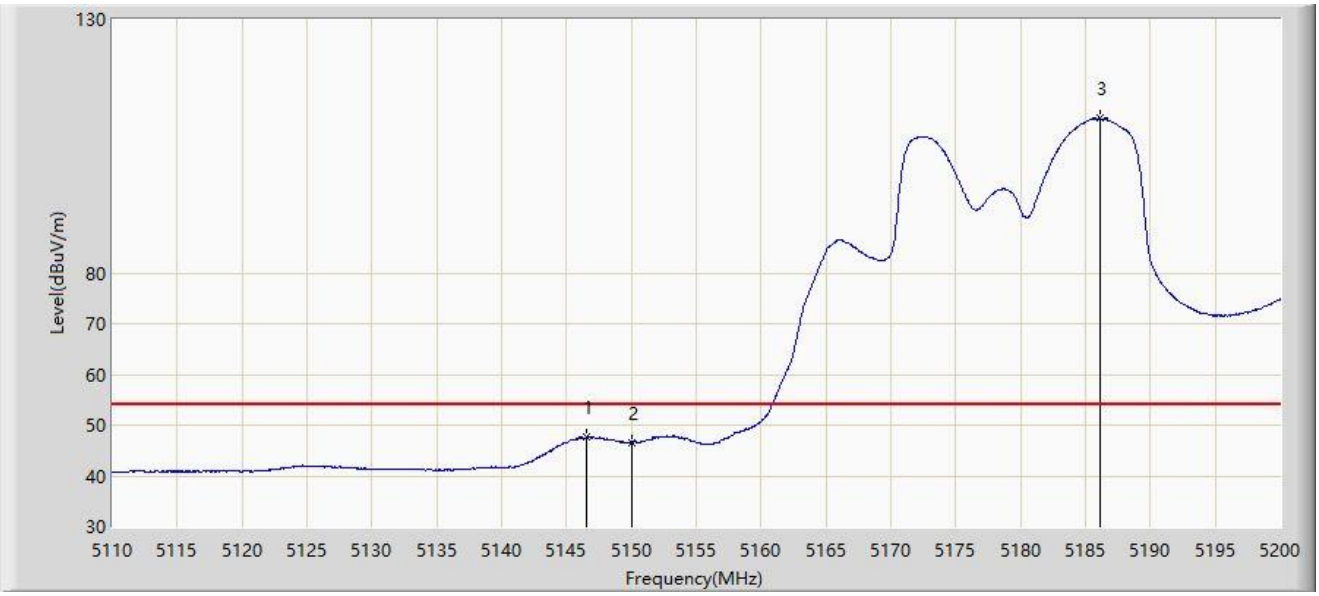
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5146.810	60.600	59.218	-13.400	74.000	1.382	PK
2		5150.000	57.981	56.052	-16.019	74.000	1.929	PK
3		5186.230	119.297	78.302	N/A	N/A	40.995	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



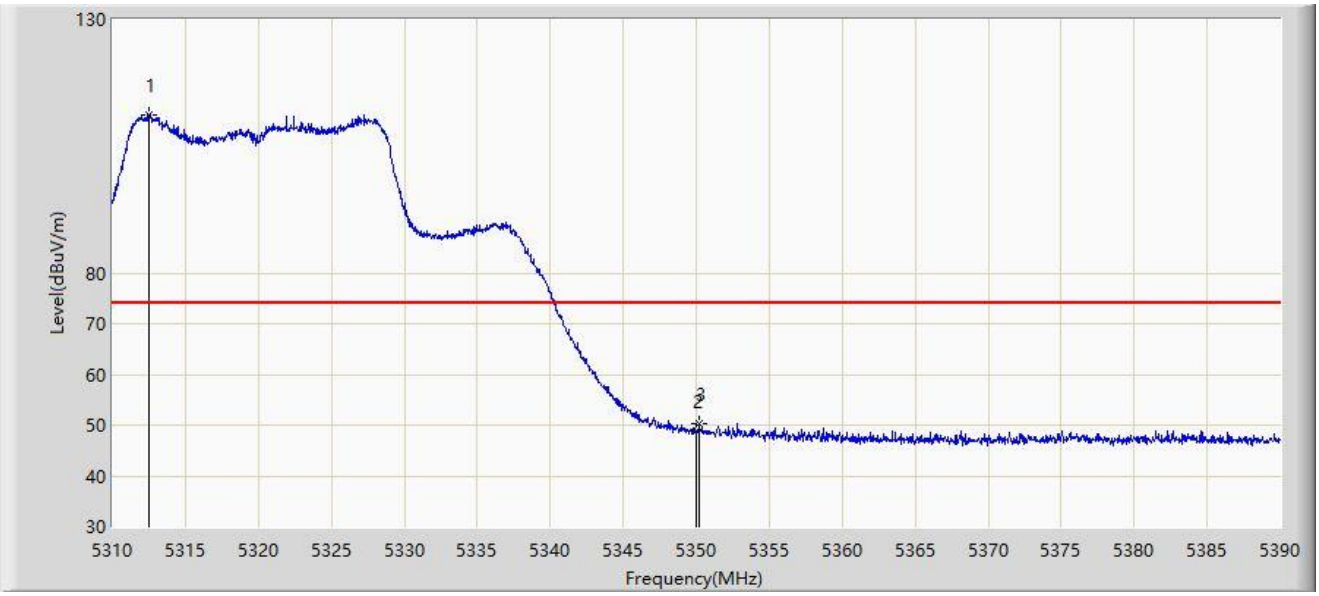
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5146.585	47.547	46.215	-6.453	54.000	1.333	AV
2		5150.000	46.496	44.567	-7.504	54.000	1.929	AV
3		5186.095	110.450	69.552	N/A	N/A	40.898	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



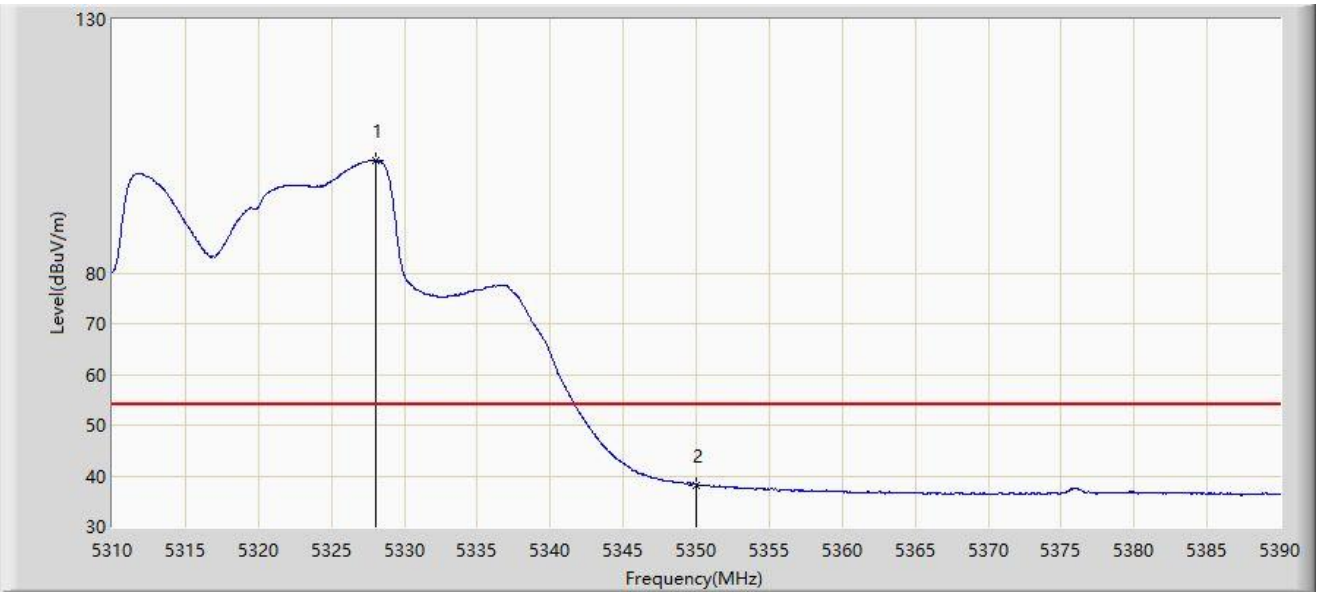
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5312.520	111.268	59.917	N/A	N/A	51.352	PK
2		5350.000	48.702	44.598	-25.298	74.000	4.104	PK
3	*	5350.200	50.188	46.189	-23.812	74.000	3.999	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



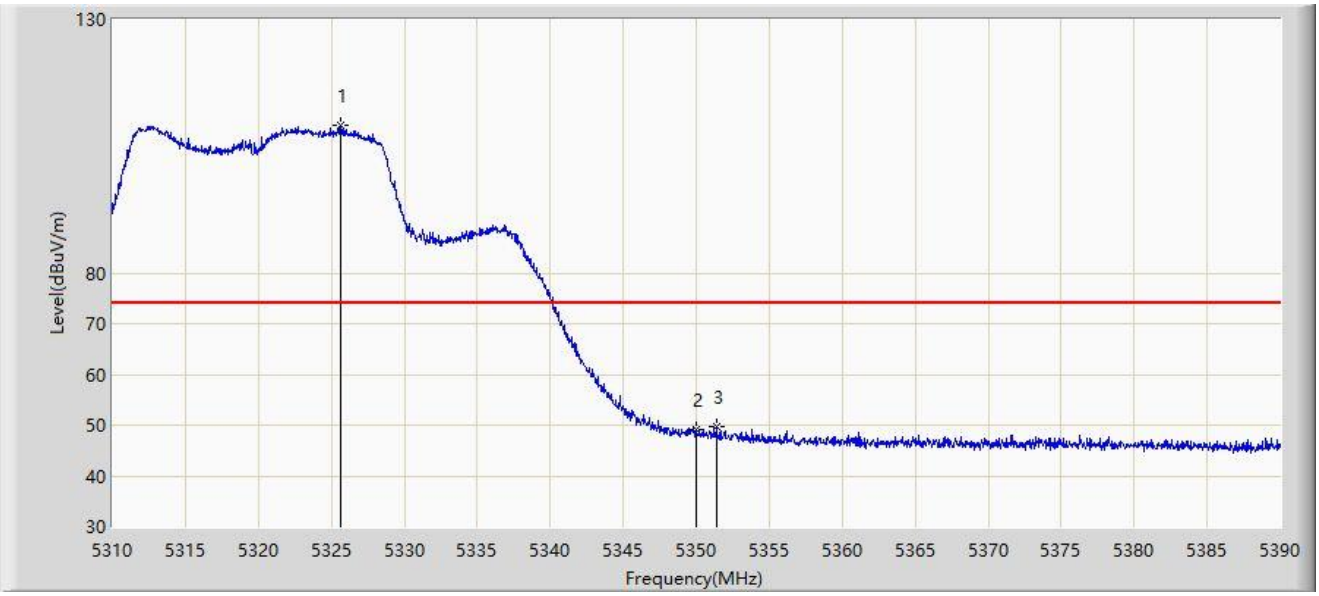
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5328.080	102.223	55.433	N/A	N/A	46.789	AV
2	*	5350.000	38.191	34.087	-15.809	54.000	4.104	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



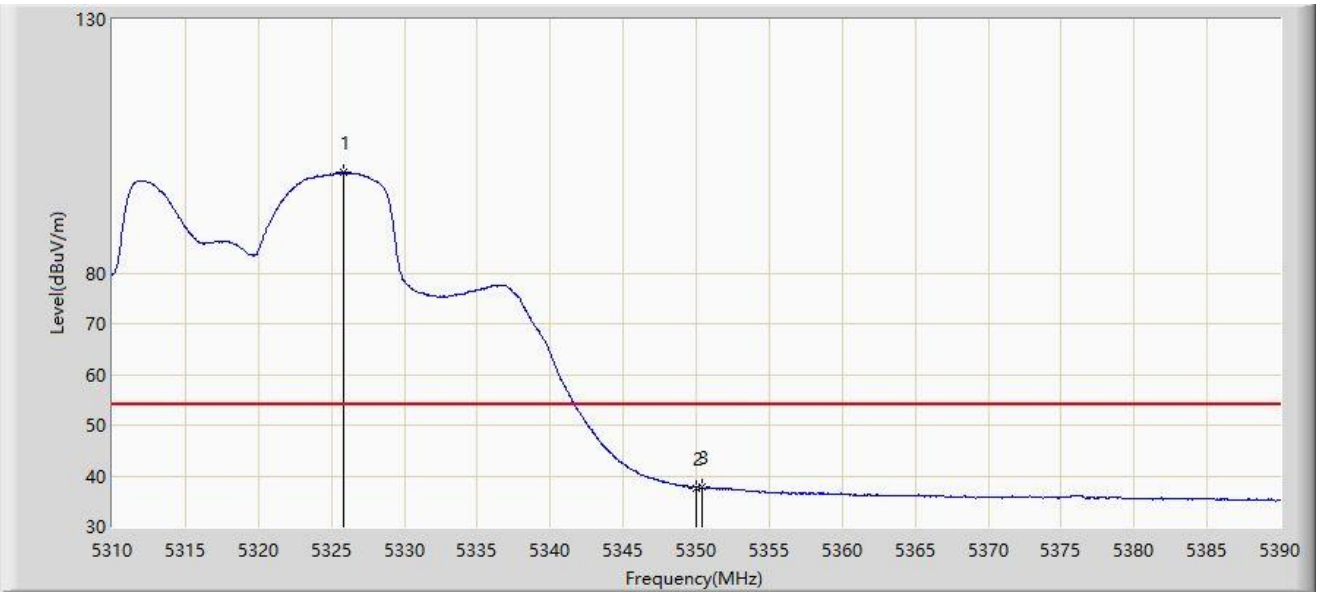
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5325.680	109.115	63.874	N/A	N/A	45.241	PK
2		5350.000	49.216	45.112	-24.784	74.000	4.104	PK
3	*	5351.360	49.848	46.307	-24.152	74.000	3.541	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



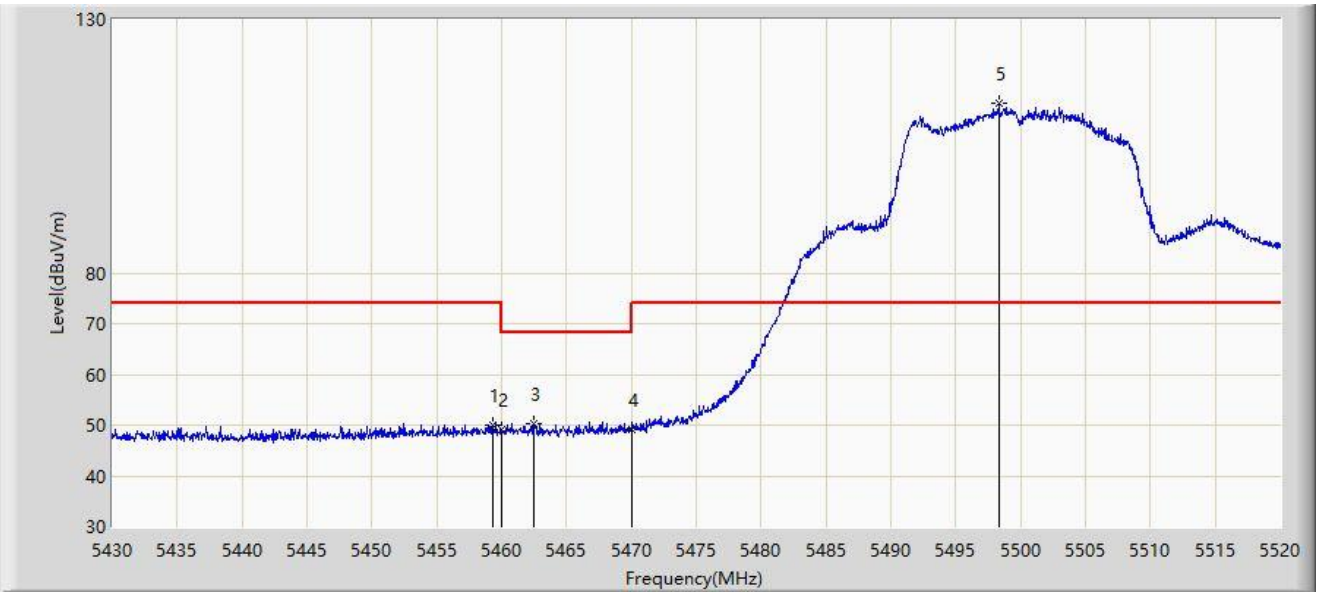
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5325.880	99.768	54.557	N/A	N/A	45.210	AV
2		5350.000	37.655	33.551	-16.345	54.000	4.104	AV
3	*	5350.400	37.716	33.822	-16.284	54.000	3.894	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



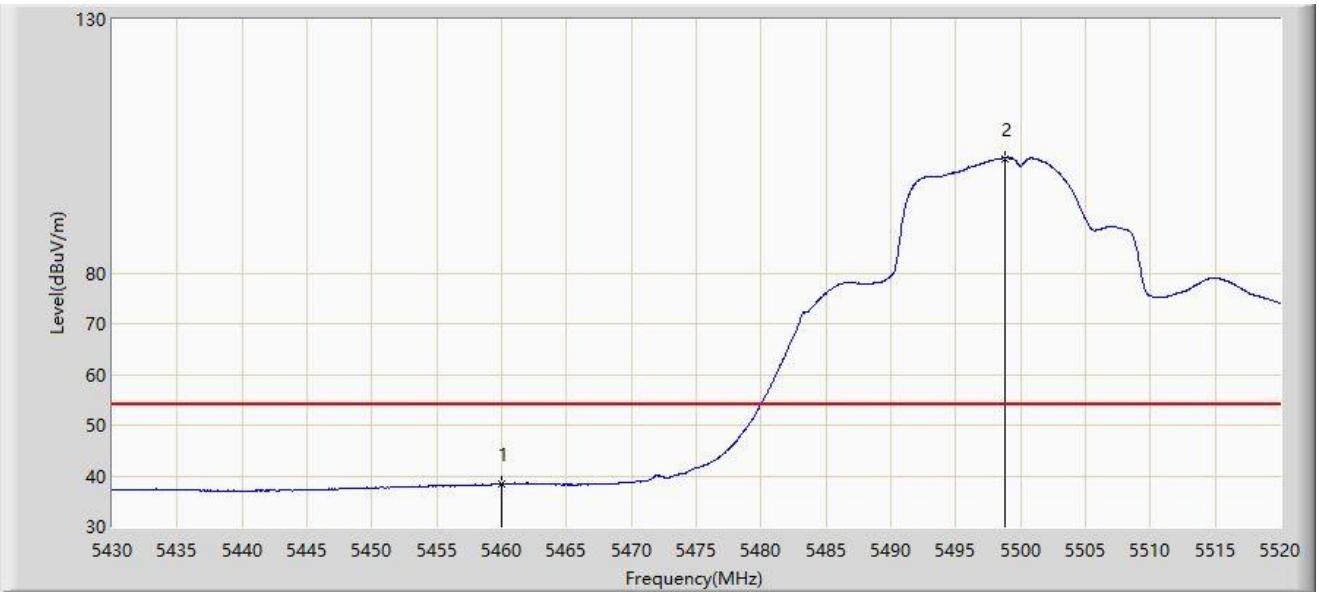
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5459.295	50.093	48.520	-23.907	74.000	1.572	PK
2		5460.000	49.012	47.371	-19.188	68.200	1.641	PK
3	*	5462.490	50.253	48.366	-17.947	68.200	1.887	PK
4		5470.000	49.113	45.776	-19.087	68.200	3.337	PK
5		5498.310	113.388	70.577	N/A	N/A	42.811	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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



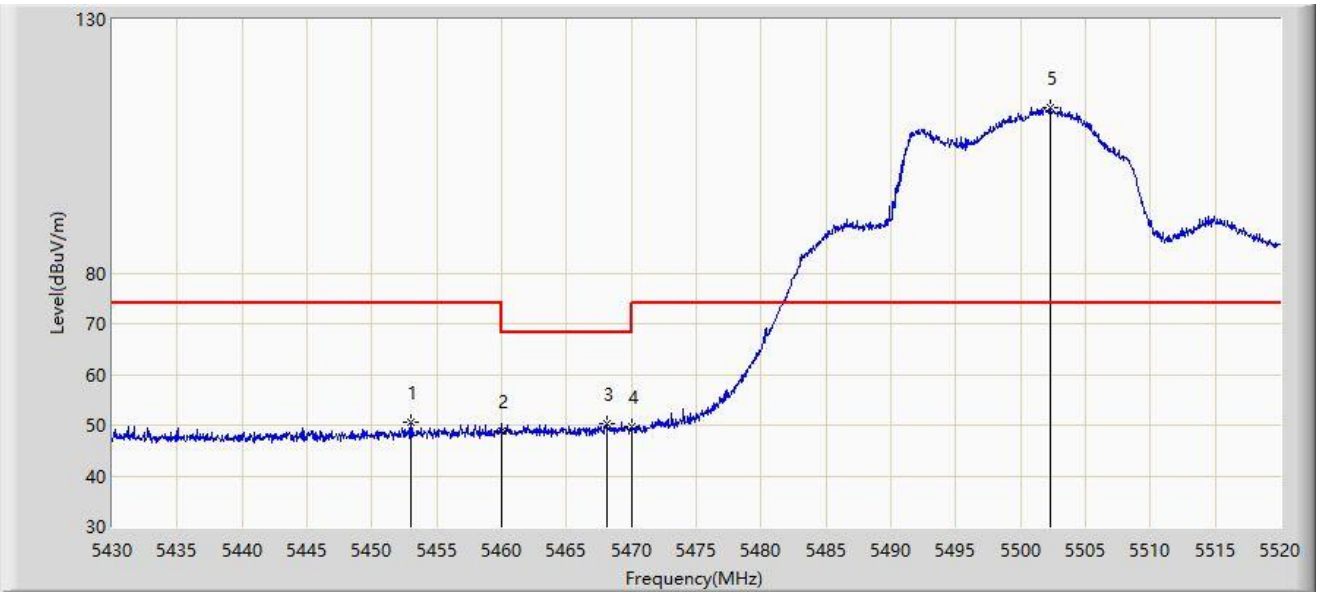
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	38.338	36.697	-15.662	54.000	1.641	AV
2		5498.805	102.608	59.821	N/A	N/A	42.787	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



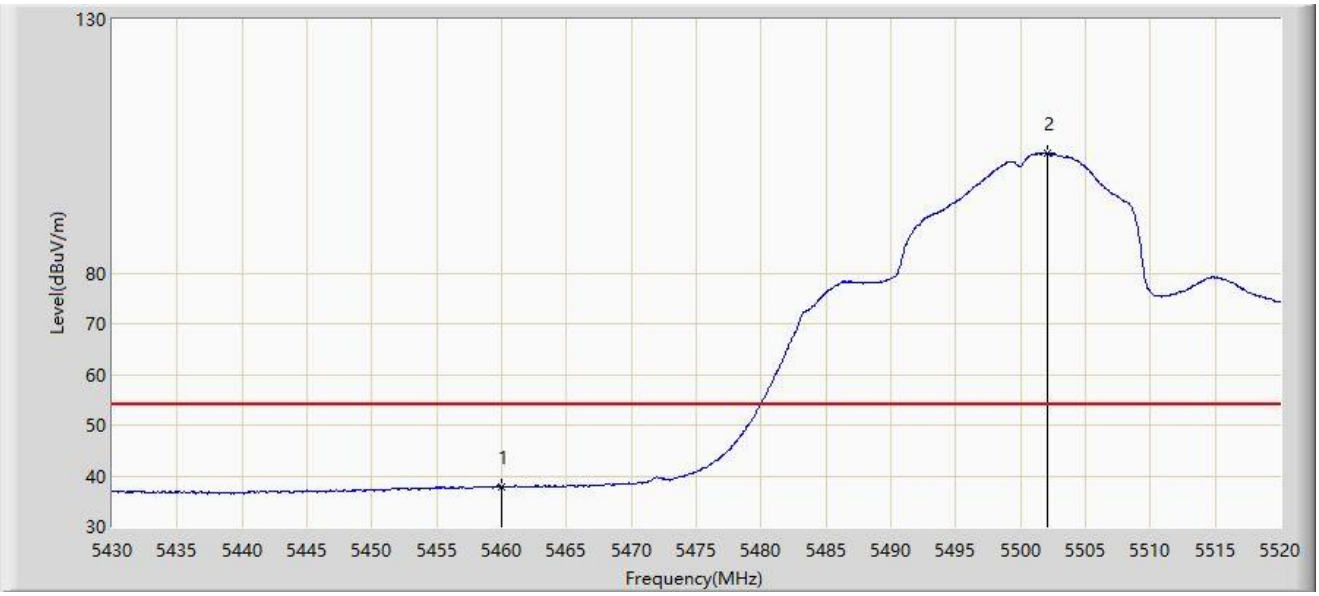
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5453.040	50.542	49.303	-23.458	74.000	1.238	PK
2		5460.000	48.749	47.108	-19.451	68.200	1.641	PK
3	*	5468.070	50.432	47.553	-17.768	68.200	2.879	PK
4		5470.000	49.593	46.256	-18.607	68.200	3.337	PK
5		5502.270	112.551	67.072	N/A	N/A	45.479	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



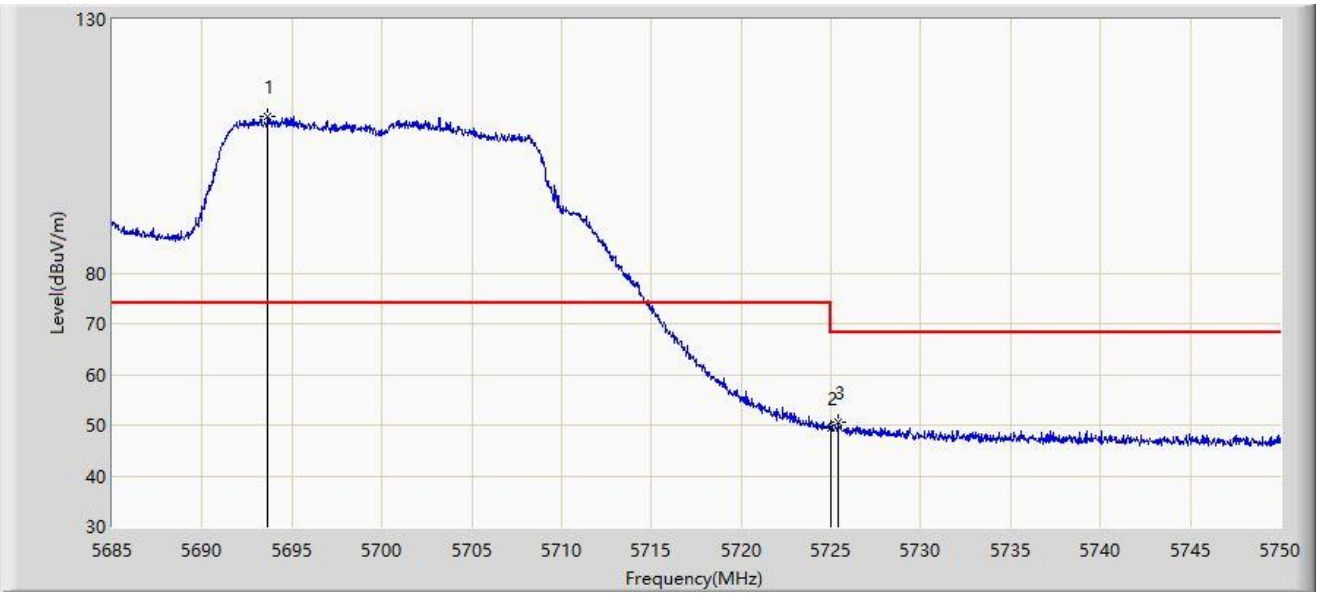
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	37.844	36.203	-16.156	54.000	1.641	AV
2		5502.045	103.495	58.307	N/A	N/A	45.188	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz5	



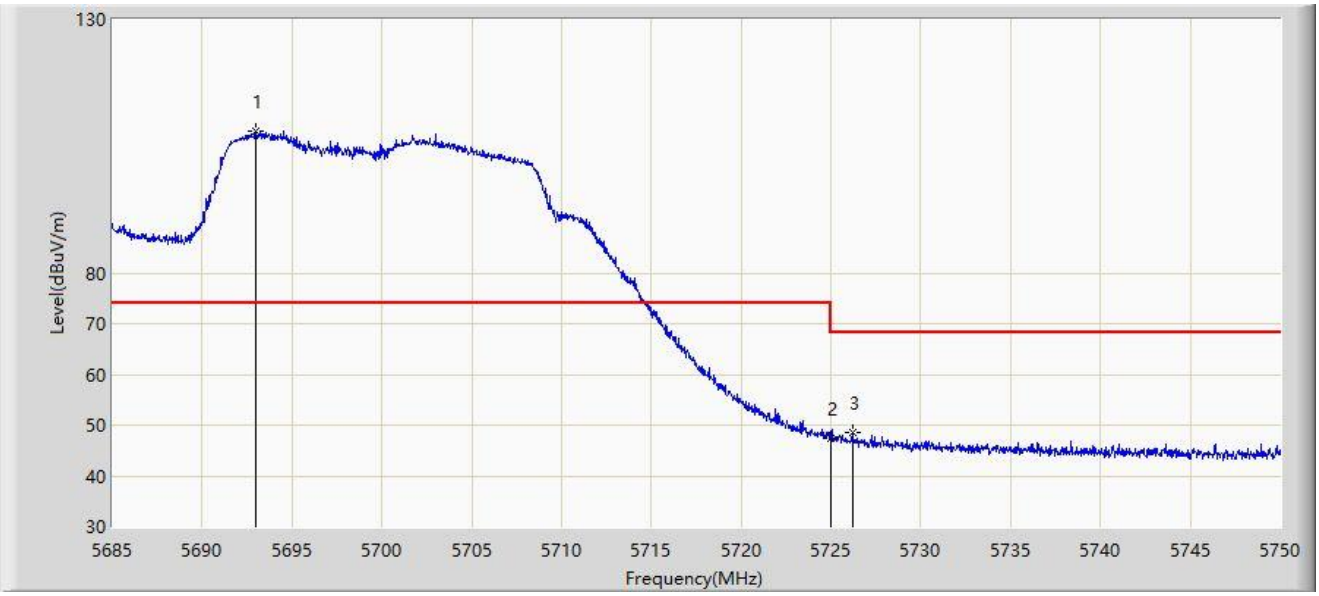
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5693.645	110.827	62.814	N/A	N/A	48.013	PK
2		5725.000	49.443	44.372	-18.757	68.200	5.070	PK
3	*	5725.430	50.618	45.792	-17.582	68.200	4.827	PK

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5700MHz5	



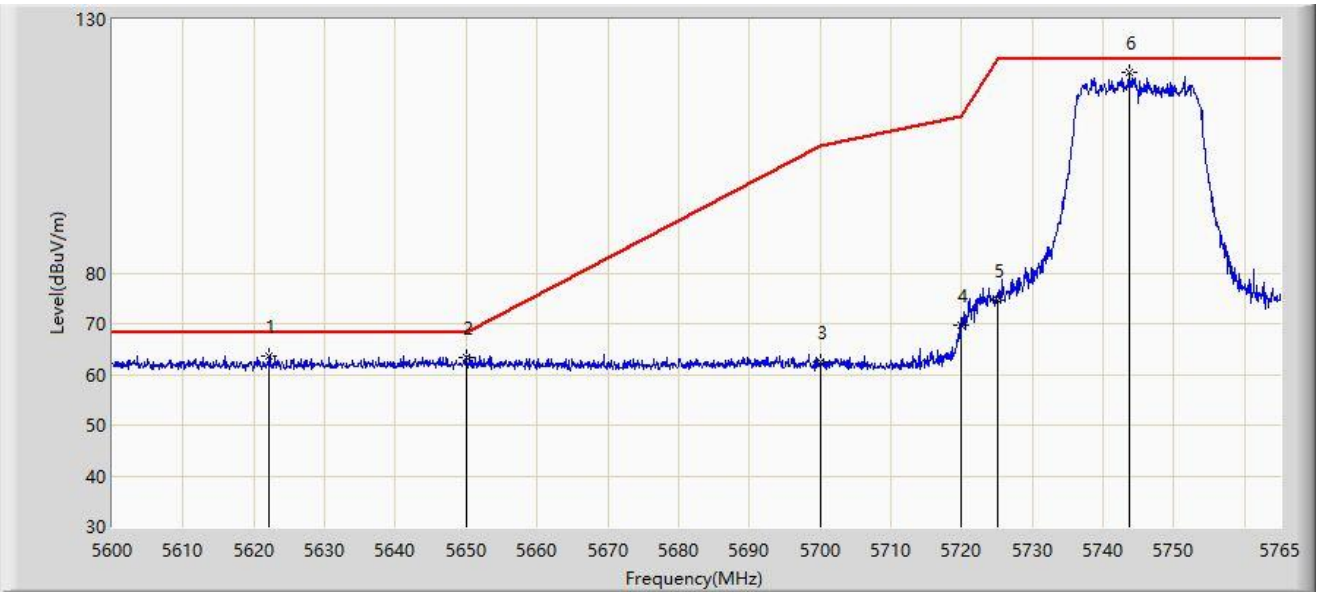
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5692.995	108.067	60.656	N/A	N/A	47.411	PK
2		5725.000	47.511	42.440	-20.689	68.200	5.070	PK
3	*	5726.178	48.452	44.011	-19.748	68.200	4.441	PK

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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



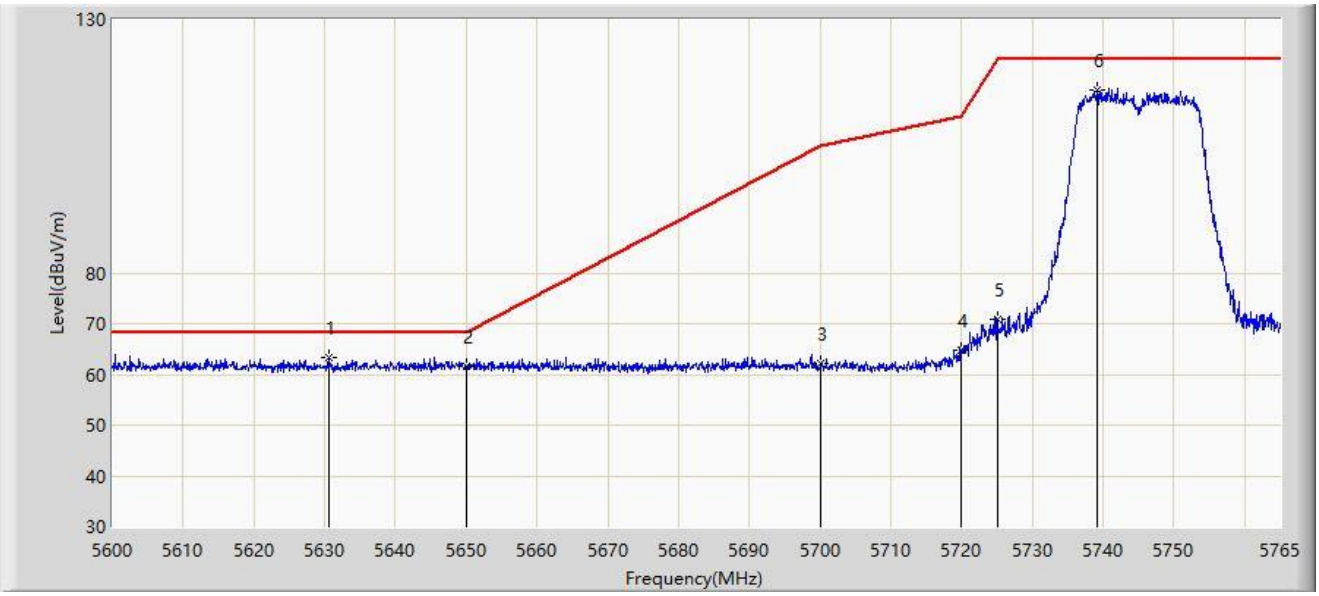
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5622.110	63.626	70.894	-4.574	68.200	-7.268	PK
2		5650.000	63.394	70.714	-4.806	68.200	-7.319	PK
3		5700.000	62.508	69.682	-42.692	105.200	-7.174	PK
4		5720.000	69.586	77.058	-41.214	110.800	-7.472	PK
5		5725.000	74.732	82.193	-47.468	122.200	-7.461	PK
6		5743.632	119.441	126.971	N/A	N/A	-7.530	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5745MHz	



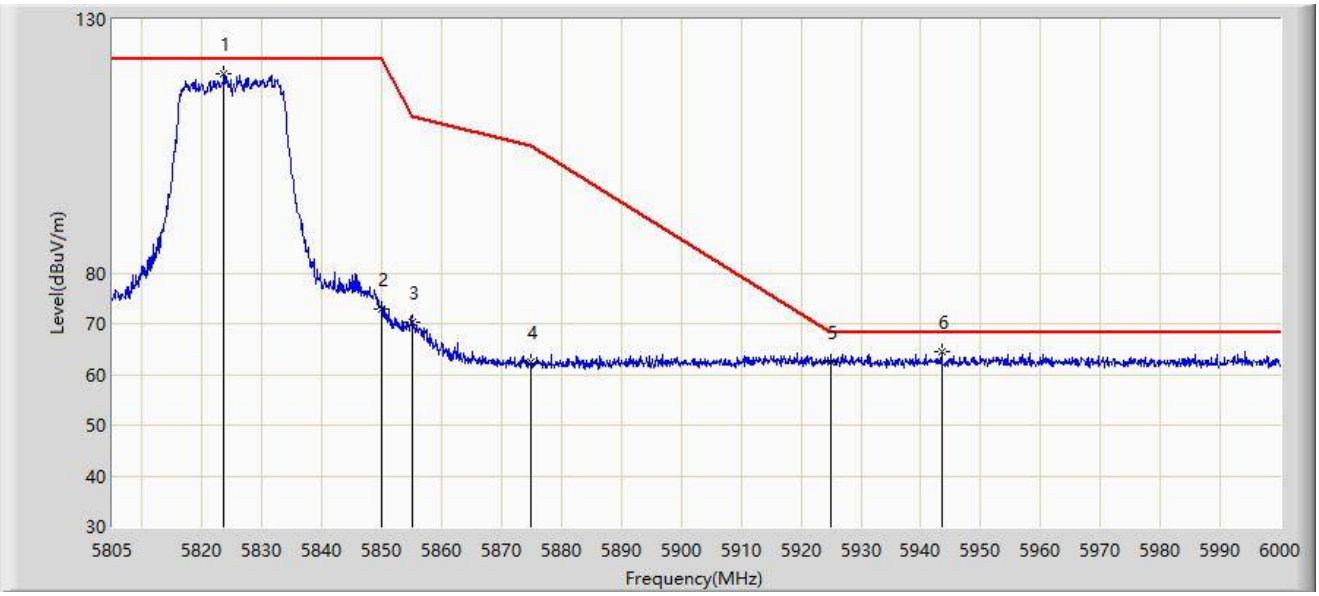
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5630.525	63.463	70.758	-4.737	68.200	-7.296	PK
2		5650.000	61.531	68.851	-6.669	68.200	-7.319	PK
3		5700.000	62.036	69.210	-43.164	105.200	-7.174	PK
4		5720.000	64.682	72.154	-46.118	110.800	-7.472	PK
5		5725.000	70.816	78.277	-51.384	122.200	-7.461	PK
6		5739.178	116.191	123.710	N/A	N/A	-7.519	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



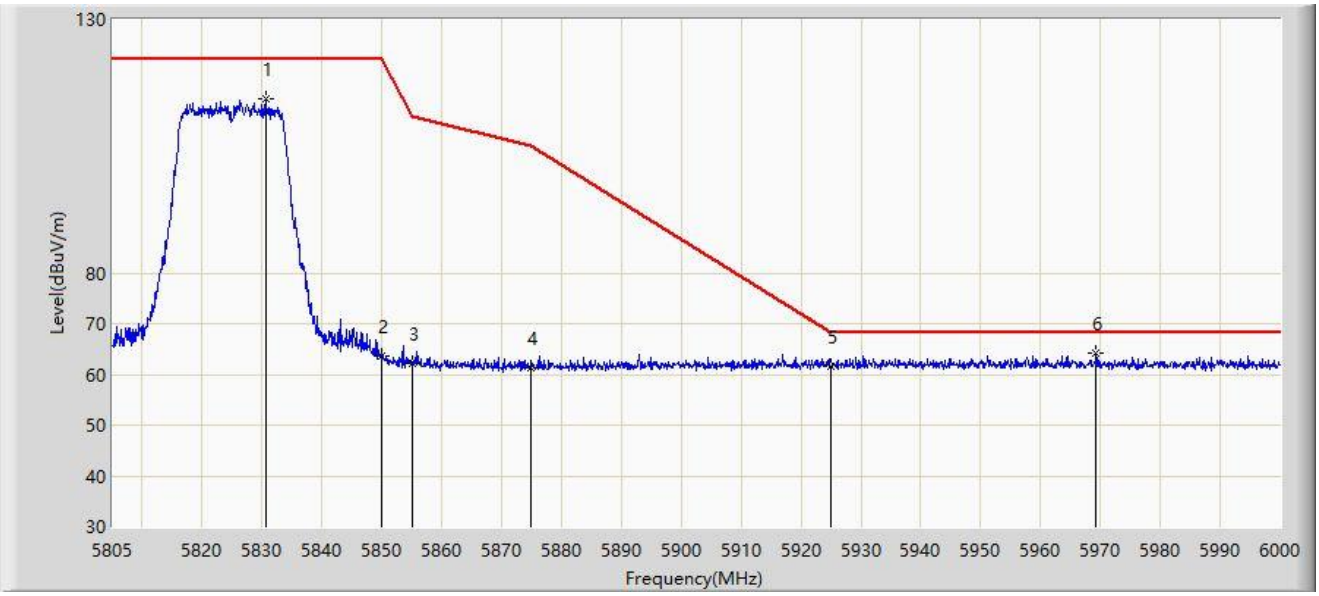
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5823.623	119.292	126.580	N/A	N/A	-7.288	PK
2		5850.000	72.874	80.111	-49.326	122.200	-7.237	PK
3		5855.000	70.150	77.368	-40.650	110.800	-7.217	PK
4		5875.000	62.461	69.813	-42.739	105.200	-7.352	PK
5		5925.000	62.395	69.521	-5.805	68.200	-7.126	PK
6	*	5943.547	64.389	71.386	-3.811	68.200	-6.997	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT20 at 5825MHz	



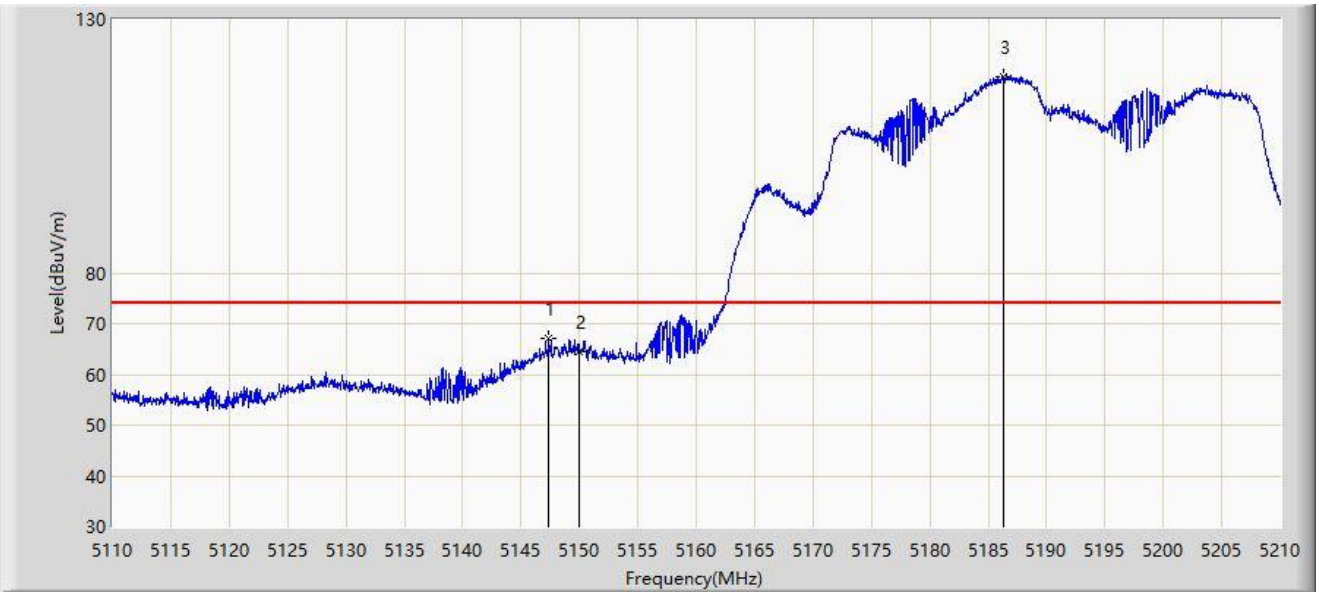
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5830.545	114.209	121.475	N/A	N/A	-7.266	PK
2		5850.000	63.707	70.944	-58.493	122.200	-7.237	PK
3		5855.000	62.065	69.283	-48.735	110.800	-7.217	PK
4		5875.000	61.245	68.597	-43.955	105.200	-7.352	PK
5		5925.000	61.587	68.713	-6.613	68.200	-7.126	PK
6	*	5969.190	64.188	71.165	-4.012	68.200	-6.978	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-AC2	Test Date: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



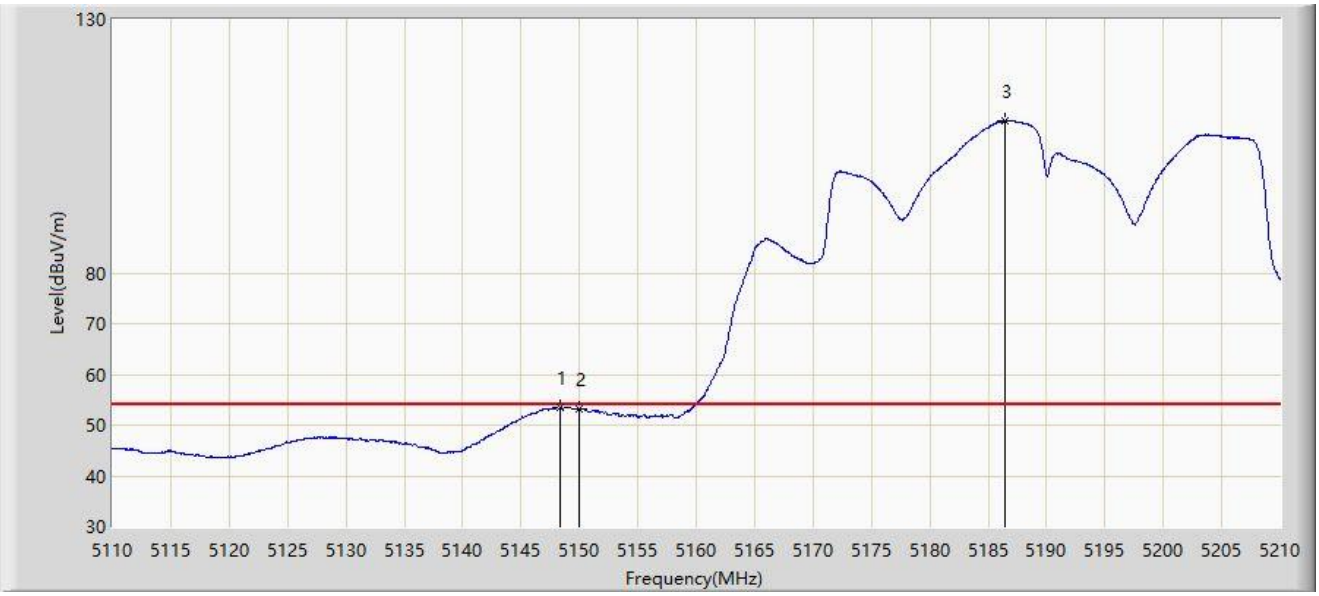
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.400	67.224	65.742	-6.776	74.000	1.482	PK
2		5150.000	64.601	62.672	-9.399	74.000	1.929	PK
3		5186.300	118.675	77.629	N/A	N/A	41.046	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



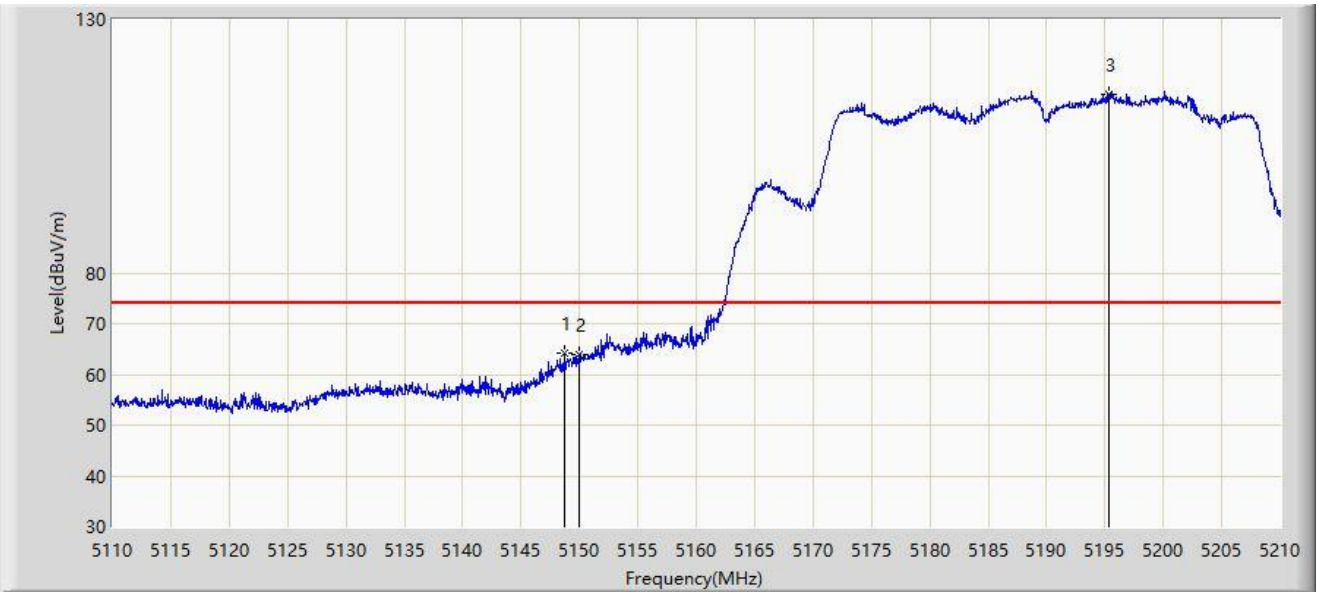
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.400	53.488	51.867	-0.512	54.000	1.620	AV
2		5150.000	53.313	51.384	-0.687	54.000	1.929	AV
3		5186.450	110.012	68.858	N/A	N/A	41.155	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



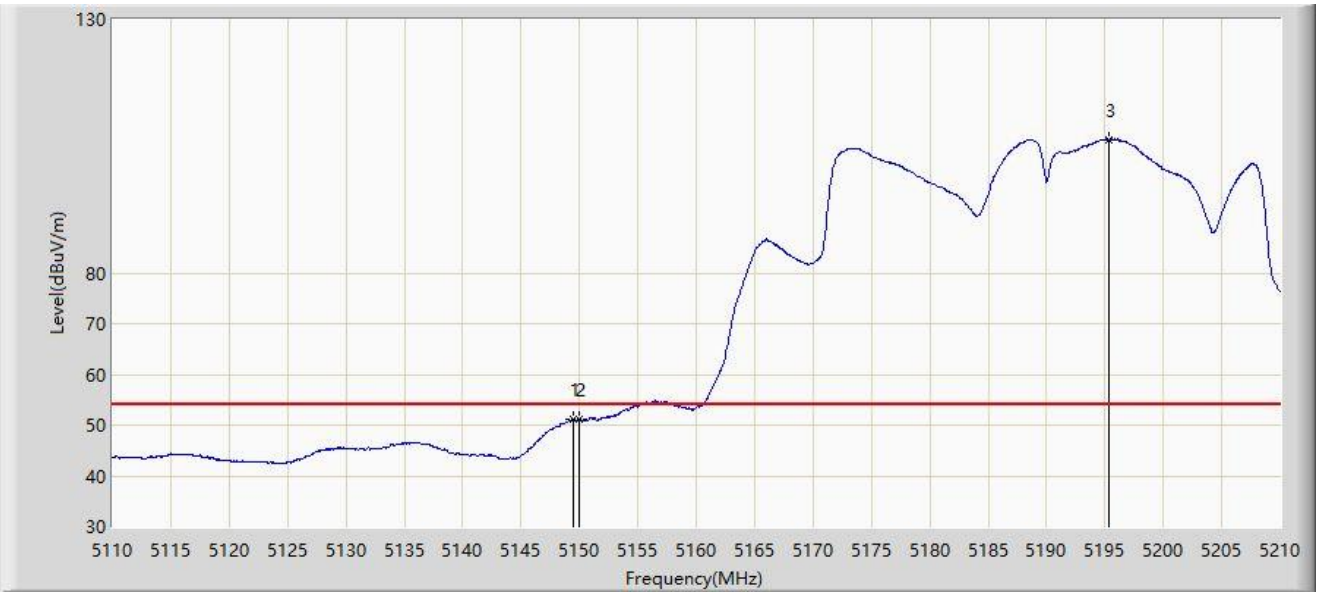
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.750	64.279	62.598	-9.721	74.000	1.681	PK
2		5150.000	63.813	61.884	-10.187	74.000	1.929	PK
3		5195.400	115.358	75.966	N/A	N/A	39.392	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5190MHz	



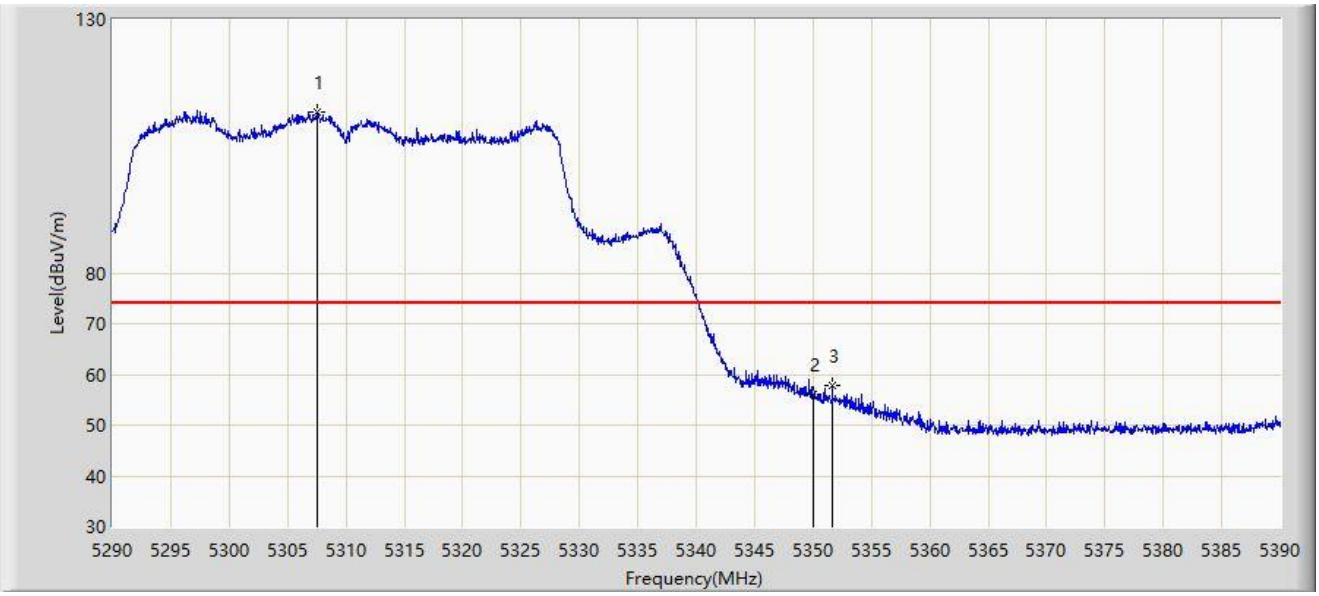
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.500	51.101	49.267	-2.899	54.000	1.834	AV
2		5150.000	51.015	49.086	-2.985	54.000	1.929	AV
3		5195.350	106.299	66.898	N/A	N/A	39.402	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



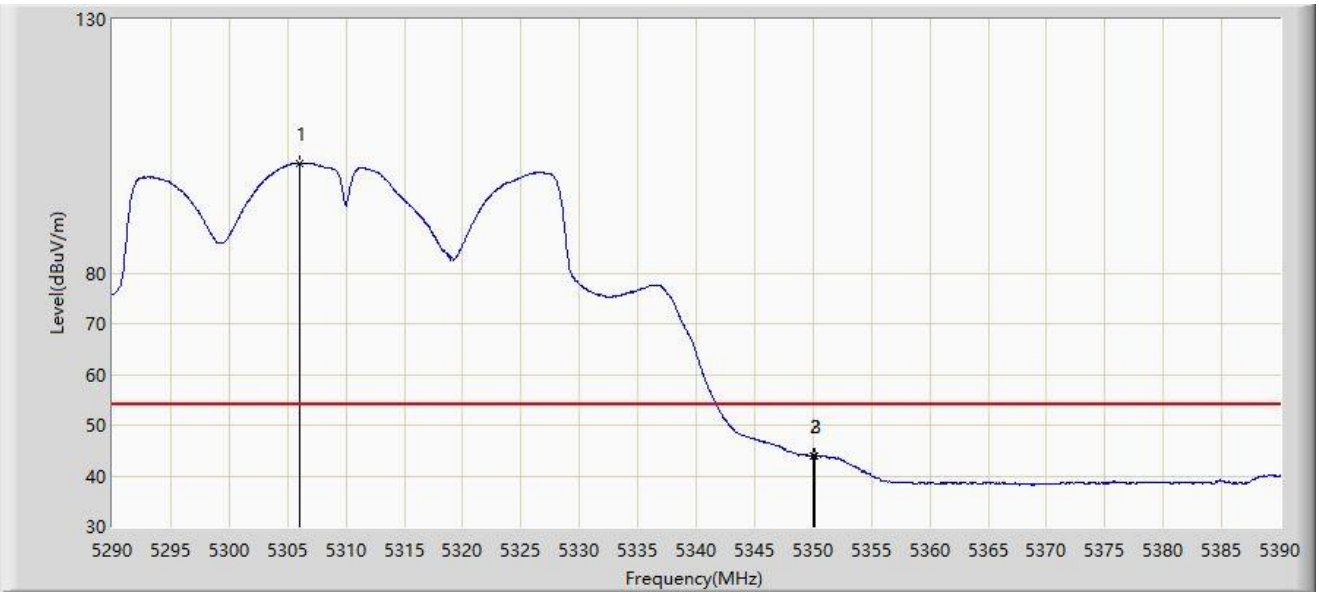
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5307.500	111.843	68.052	N/A	N/A	43.791	PK
2		5350.000	56.024	51.920	-17.976	74.000	4.104	PK
3	*	5351.650	57.826	54.359	-16.174	74.000	3.468	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



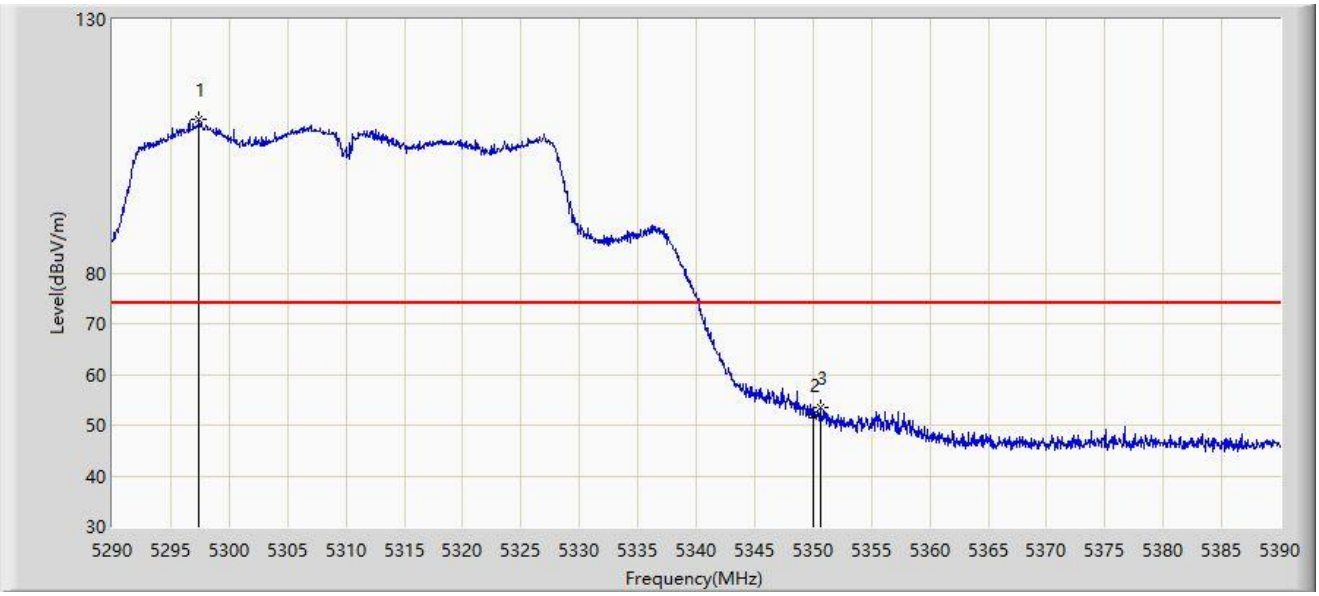
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5306.100	101.621	58.634	N/A	N/A	42.987	AV
2		5350.000	43.871	39.767	-10.129	54.000	4.104	AV
3	*	5350.200	43.995	39.996	-10.005	54.000	3.999	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



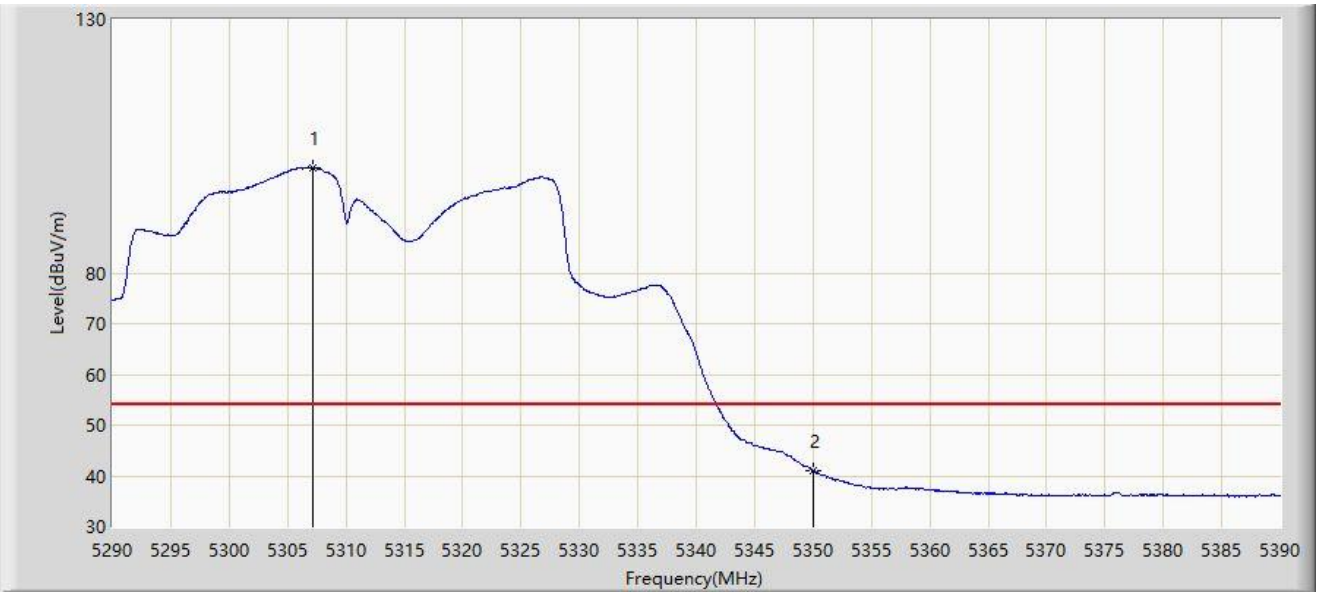
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5297.450	110.249	61.246	N/A	N/A	49.004	PK
2		5350.000	51.978	47.874	-22.022	74.000	4.104	PK
3	*	5350.600	53.560	49.753	-20.440	74.000	3.807	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



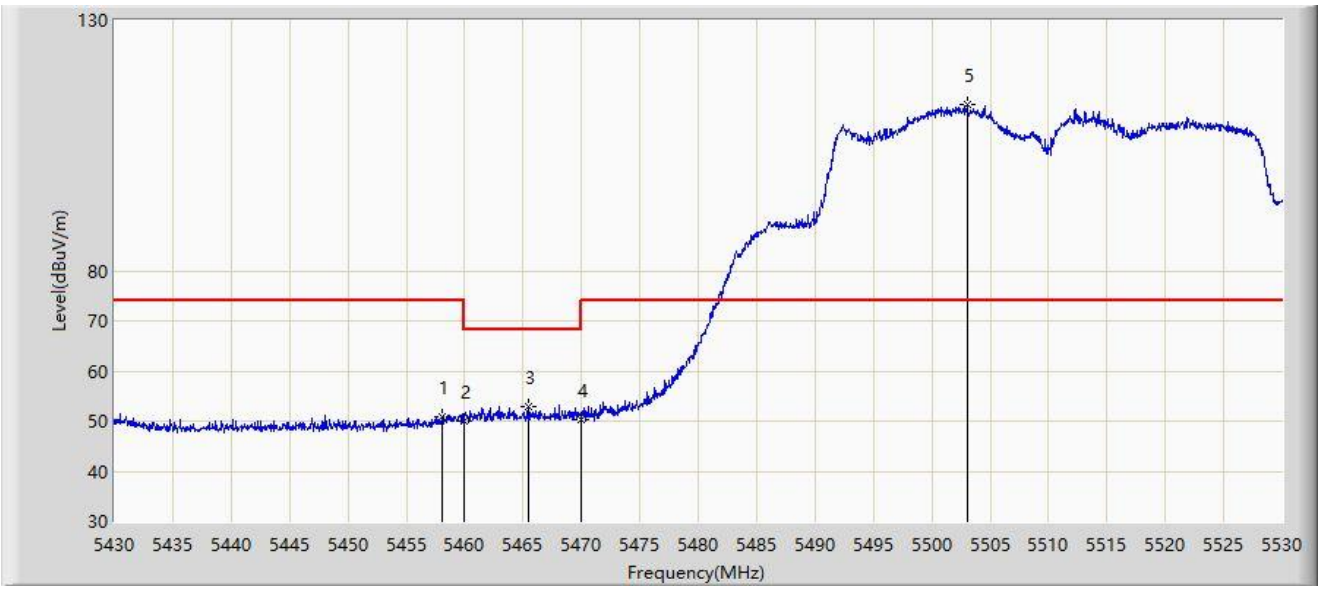
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5307.200	100.834	57.253	N/A	N/A	43.581	AV
2	*	5350.000	41.043	36.939	-12.957	54.000	4.104	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



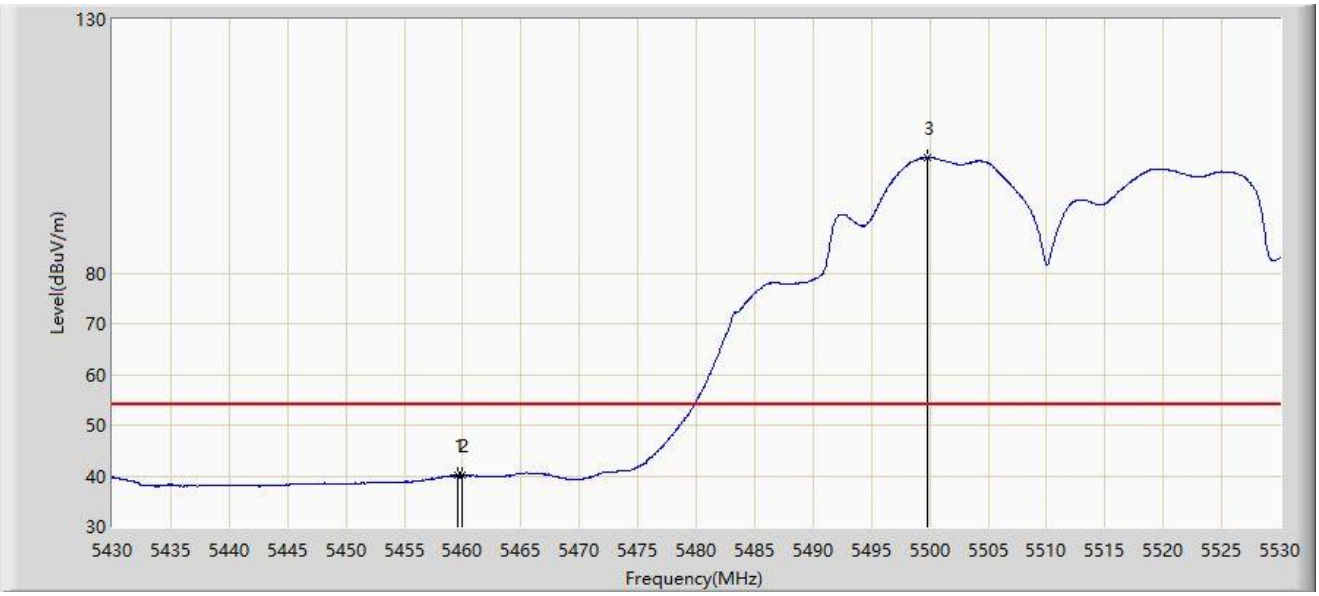
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5458.100	50.976	49.467	-23.024	74.000	1.509	PK
2		5460.000	50.055	48.414	-18.145	68.200	1.641	PK
3	*	5465.450	52.877	50.543	-15.323	68.200	2.333	PK
4		5470.000	50.265	46.928	-17.935	68.200	3.337	PK
5		5503.000	113.098	66.434	N/A	N/A	46.665	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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



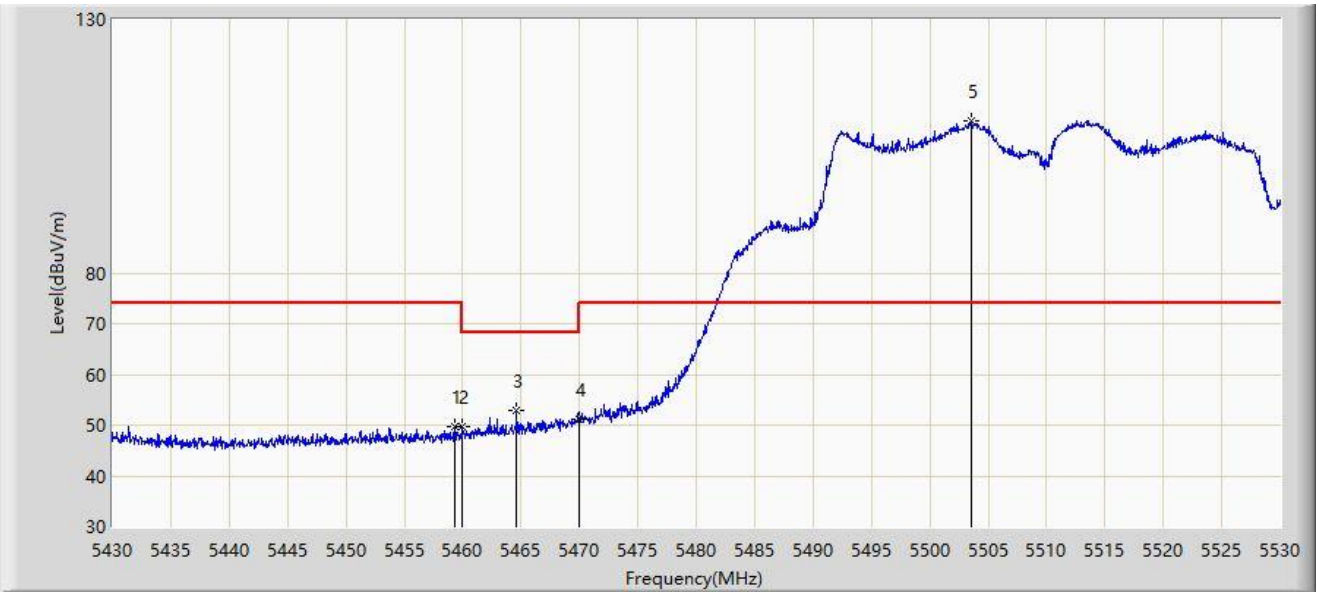
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.550	40.186	38.585	-13.814	54.000	1.602	AV
2		5460.000	40.108	38.467	-13.892	54.000	1.641	AV
3		5499.800	102.710	59.607	N/A	N/A	43.103	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



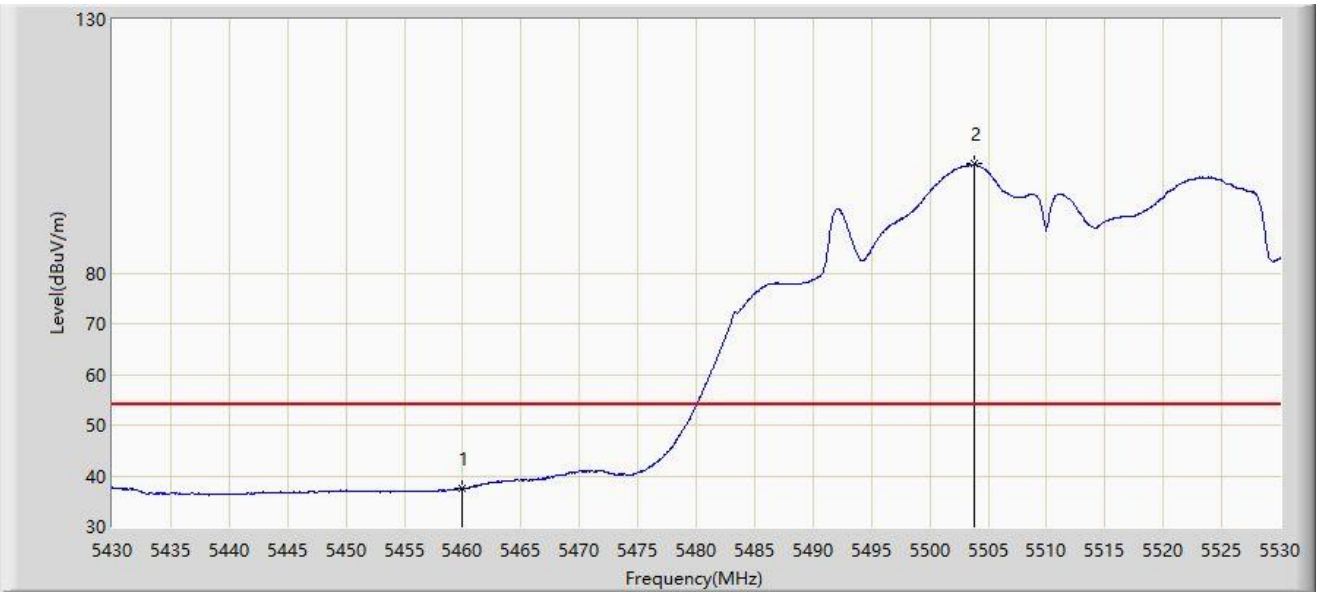
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5459.300	49.701	48.128	-24.299	74.000	1.573	PK
2		5460.000	49.567	47.926	-18.633	68.200	1.641	PK
3	*	5464.600	52.872	50.694	-15.328	68.200	2.179	PK
4		5470.000	51.224	47.887	-16.976	68.200	3.337	PK
5		5503.500	109.857	62.139	N/A	N/A	47.718	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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



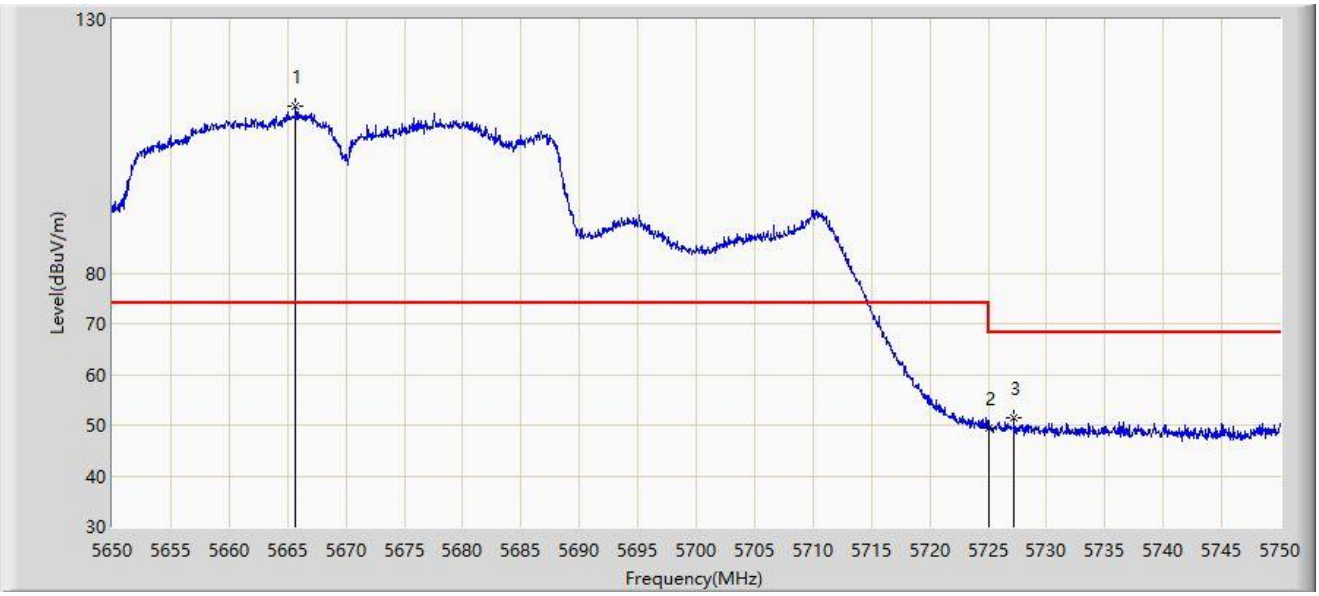
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5460.000	37.478	35.837	-16.522	54.000	1.641	AV
2		5503.800	101.454	53.139	N/A	N/A	48.315	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



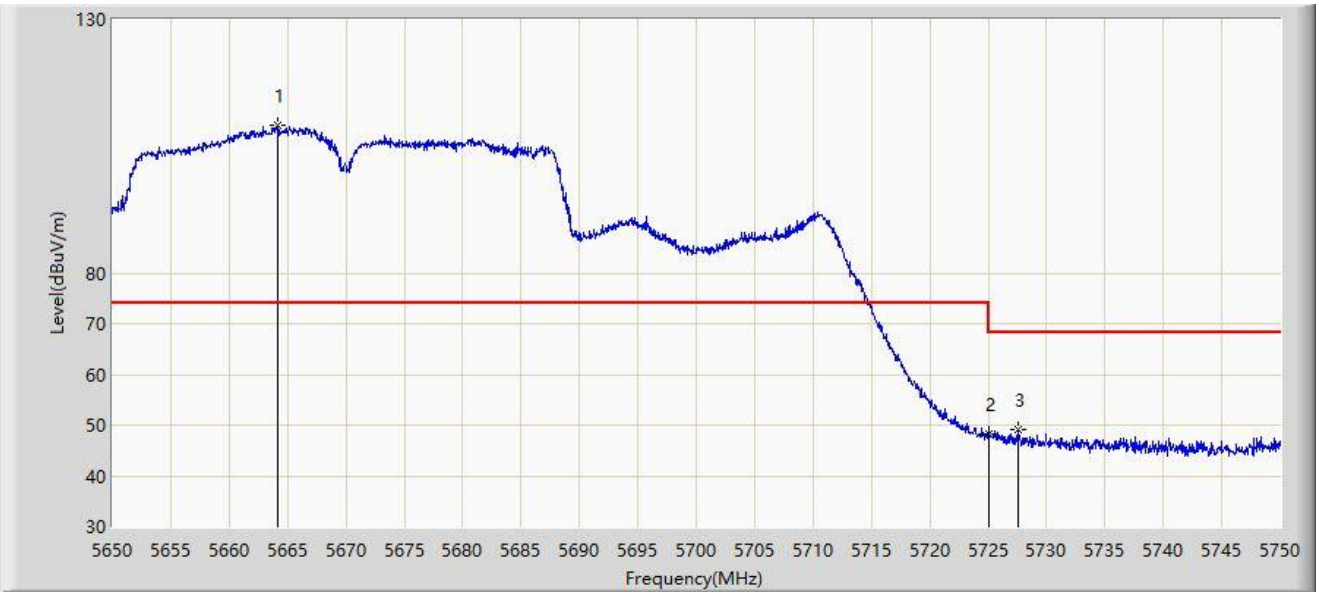
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5665.700	113.020	64.863	N/A	N/A	48.157	PK
2		5725.000	49.549	44.478	-18.651	68.200	5.070	PK
3	*	5727.250	51.359	47.358	-16.841	68.200	4.001	PK

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



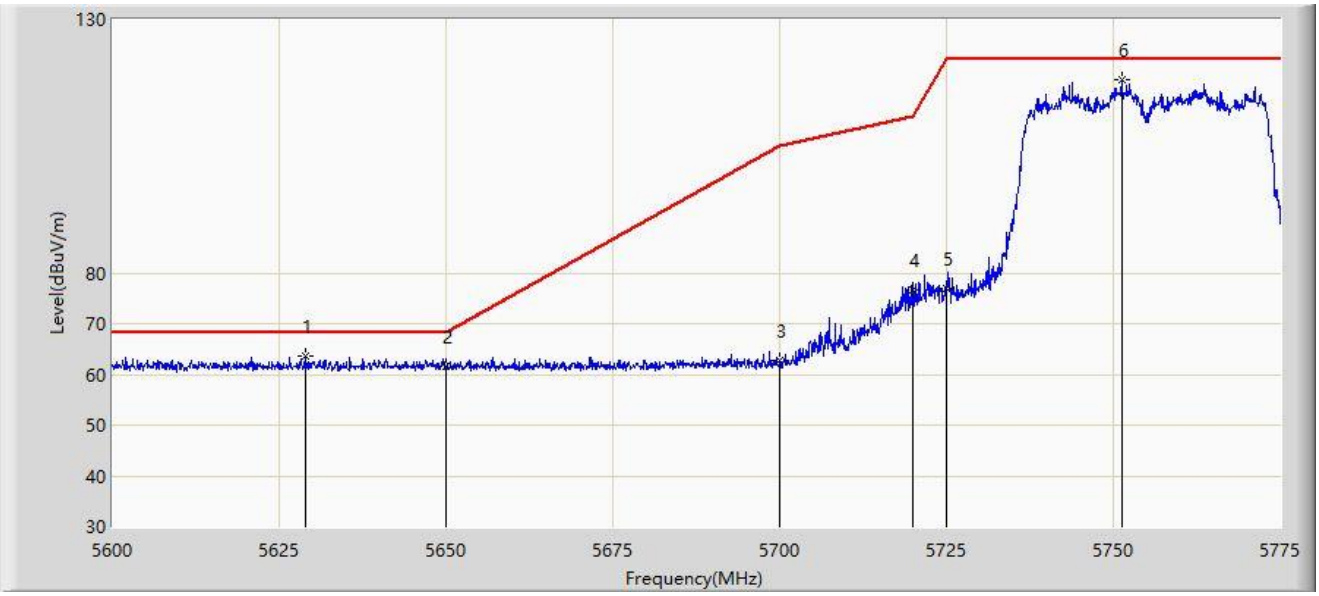
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5664.100	108.995	63.472	N/A	N/A	45.524	PK
2		5725.000	48.138	43.067	-20.062	68.200	5.070	PK
3	*	5727.550	49.217	45.281	-18.983	68.200	3.935	PK

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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



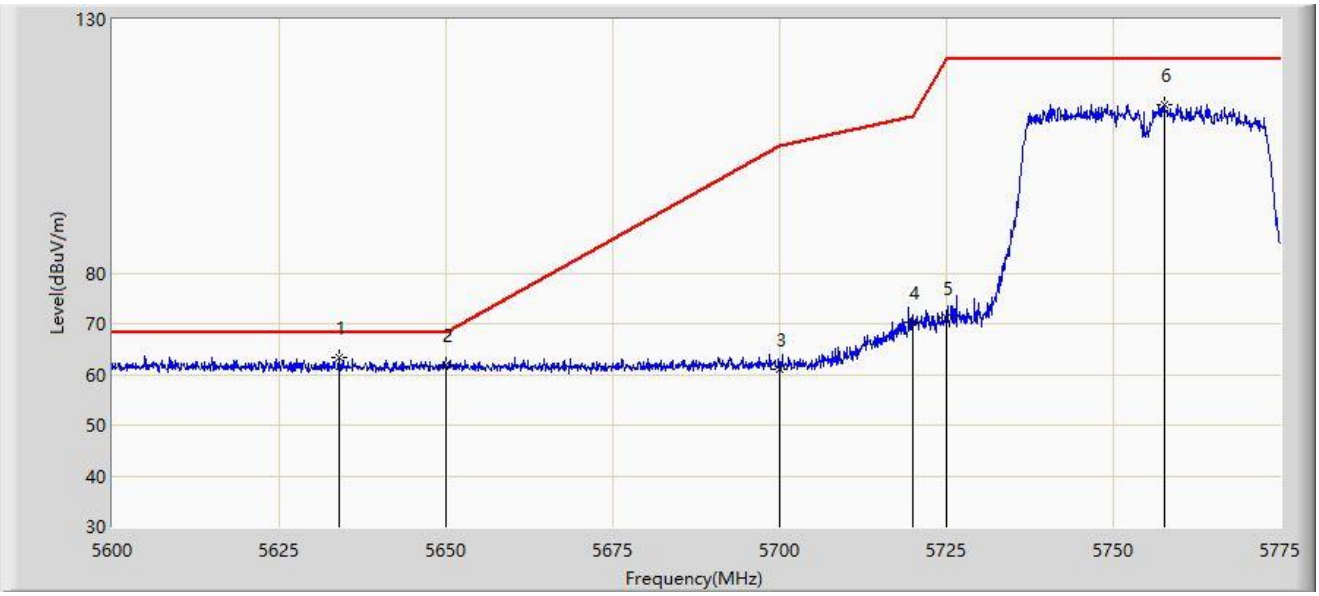
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5628.875	63.767	71.057	-4.433	68.200	-7.290	PK
2		5650.000	61.483	68.803	-6.717	68.200	-7.319	PK
3		5700.000	62.666	69.840	-42.534	105.200	-7.174	PK
4		5720.000	76.745	84.217	-34.055	110.800	-7.472	PK
5		5725.000	77.043	84.504	-45.157	122.200	-7.461	PK
6		5751.288	118.061	125.521	N/A	N/A	-7.461	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



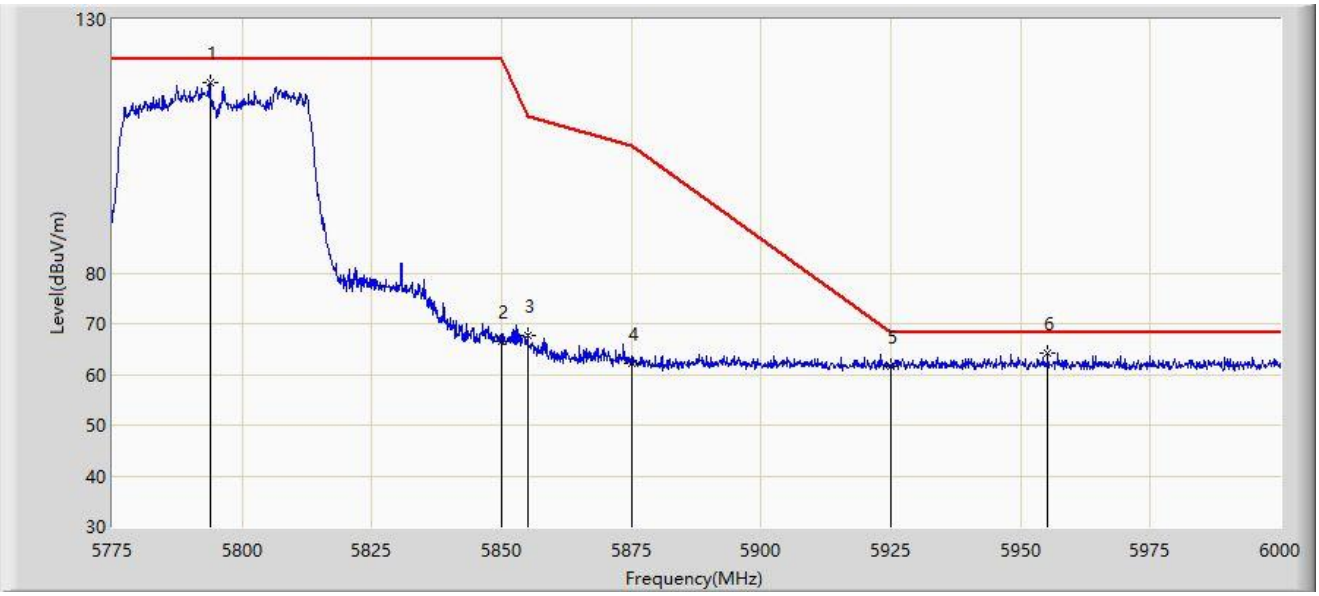
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5633.950	63.475	70.781	-4.725	68.200	-7.306	PK
2		5650.000	61.842	69.162	-6.358	68.200	-7.319	PK
3		5700.000	61.145	68.319	-44.055	105.200	-7.174	PK
4		5720.000	70.169	77.641	-40.631	110.800	-7.472	PK
5		5725.000	71.173	78.634	-51.027	122.200	-7.461	PK
6		5757.675	113.111	120.512	N/A	N/A	-7.402	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



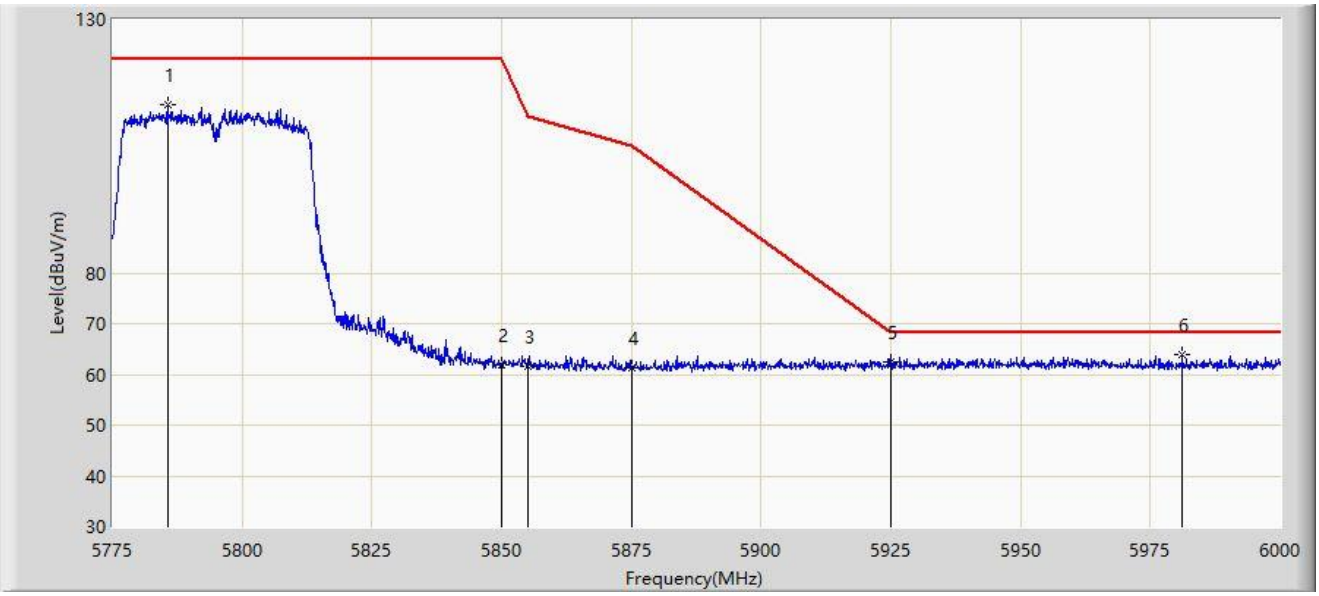
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5793.788	117.516	124.949	N/A	N/A	-7.433	PK
2		5850.000	66.587	73.824	-55.613	122.200	-7.237	PK
3		5855.000	67.762	74.980	-43.038	110.800	-7.217	PK
4		5875.000	62.202	69.554	-42.998	105.200	-7.352	PK
5		5925.000	61.541	68.667	-6.659	68.200	-7.126	PK
6	*	5955.225	64.214	71.184	-3.986	68.200	-6.971	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



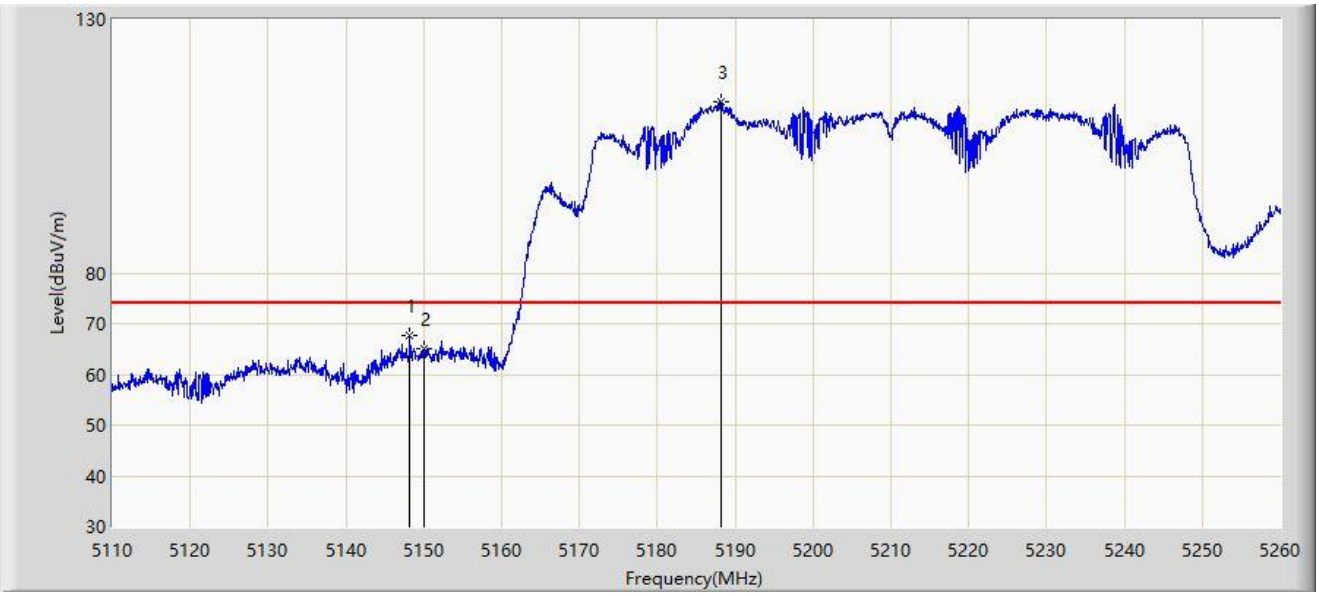
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5785.575	113.173	120.581	N/A	N/A	-7.407	PK
2		5850.000	61.998	69.235	-60.202	122.200	-7.237	PK
3		5855.000	61.566	68.784	-49.234	110.800	-7.217	PK
4		5875.000	61.161	68.513	-44.039	105.200	-7.352	PK
5		5925.000	62.606	69.732	-5.594	68.200	-7.126	PK
6	*	5981.100	63.850	70.845	-4.350	68.200	-6.995	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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



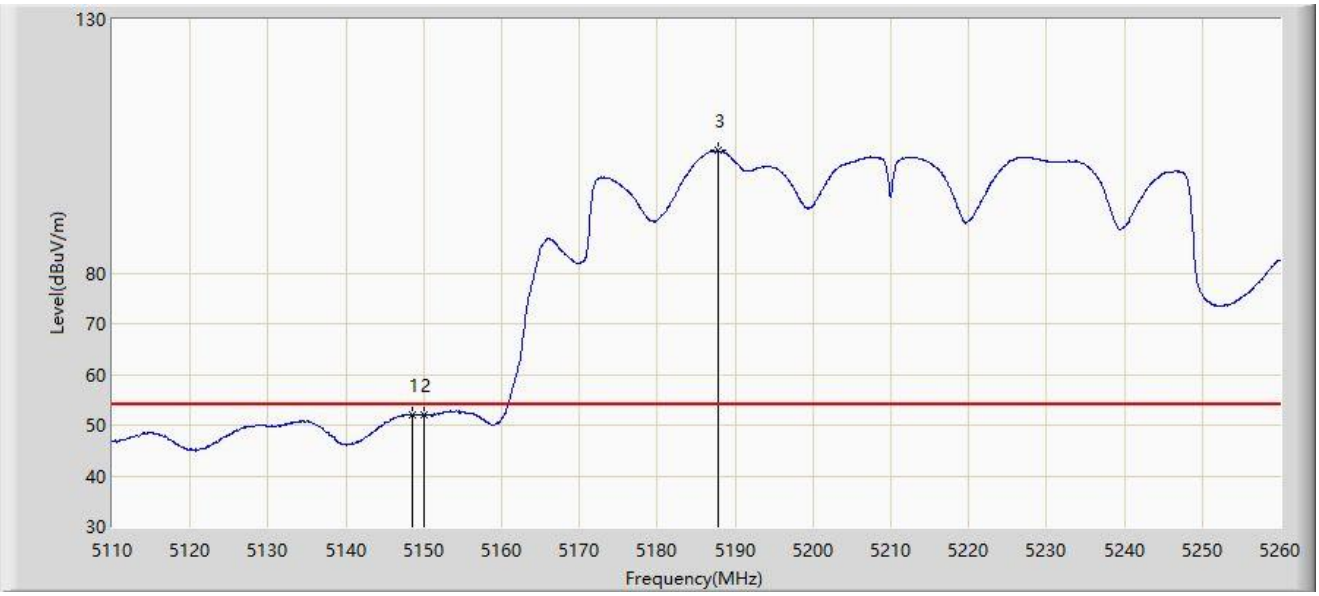
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.175	67.776	66.195	-6.224	74.000	1.581	PK
2		5150.000	65.002	63.073	-8.998	74.000	1.929	PK
3		5188.225	113.898	70.641	N/A	N/A	43.258	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



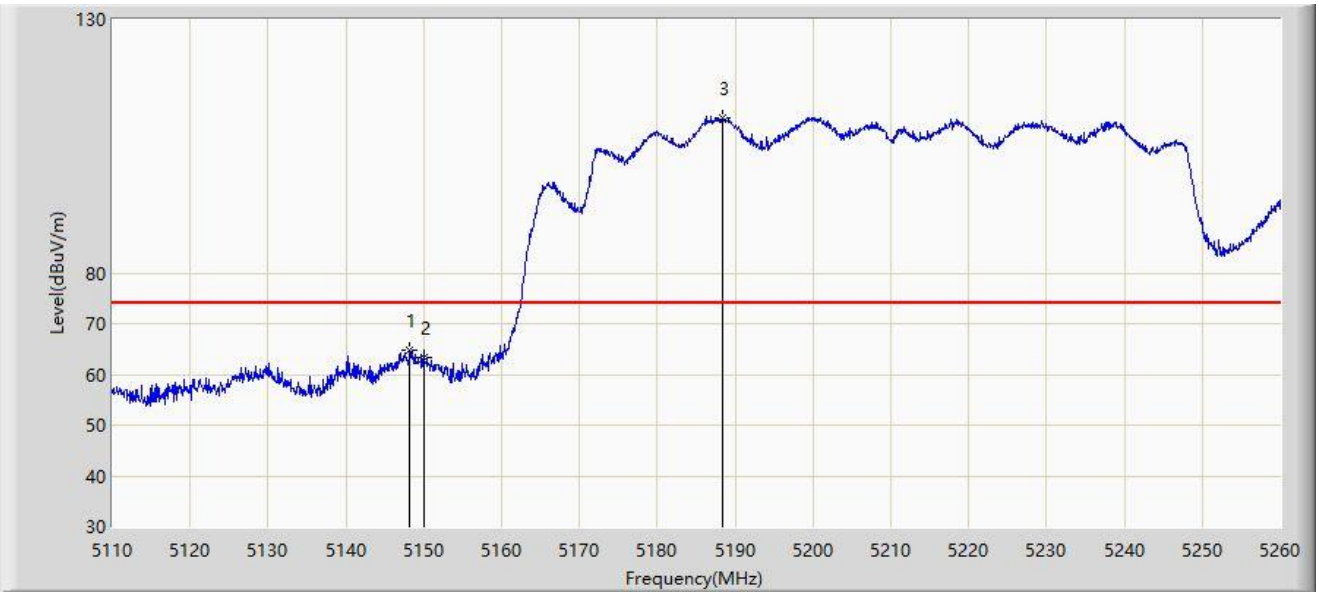
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.550	52.151	50.504	-1.849	54.000	1.646	AV
2		5150.000	52.018	50.089	-1.982	54.000	1.929	AV
3		5187.850	104.068	61.418	N/A	N/A	42.650	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



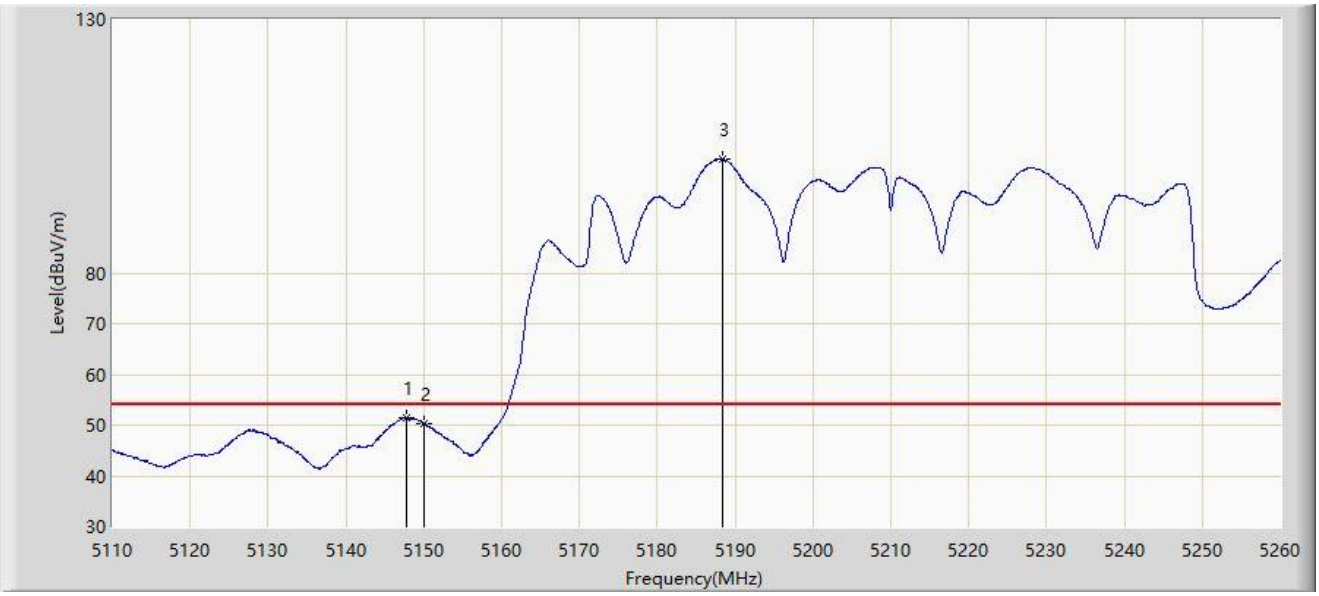
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.175	64.885	63.304	-9.115	74.000	1.581	PK
2		5150.000	63.416	61.487	-10.584	74.000	1.929	PK
3		5188.300	110.681	67.303	N/A	N/A	43.378	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



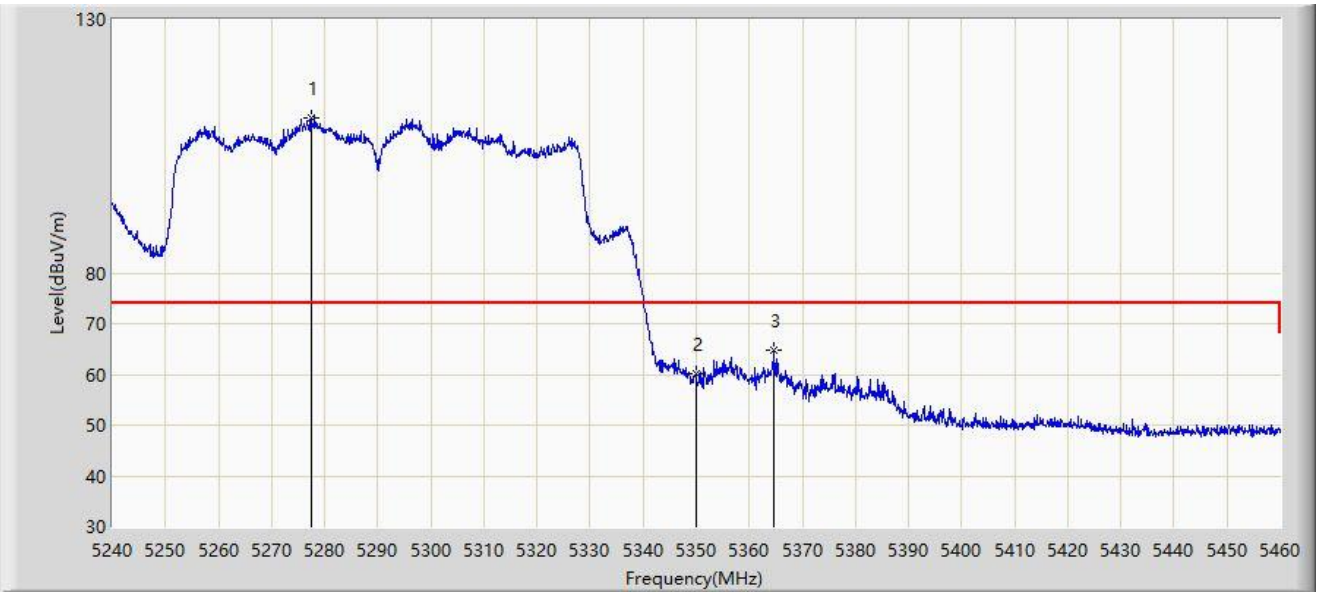
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.725	51.364	49.845	-2.636	54.000	1.519	AV
2		5150.000	50.277	48.348	-3.723	54.000	1.929	AV
3		5188.300	102.587	59.209	N/A	N/A	43.378	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



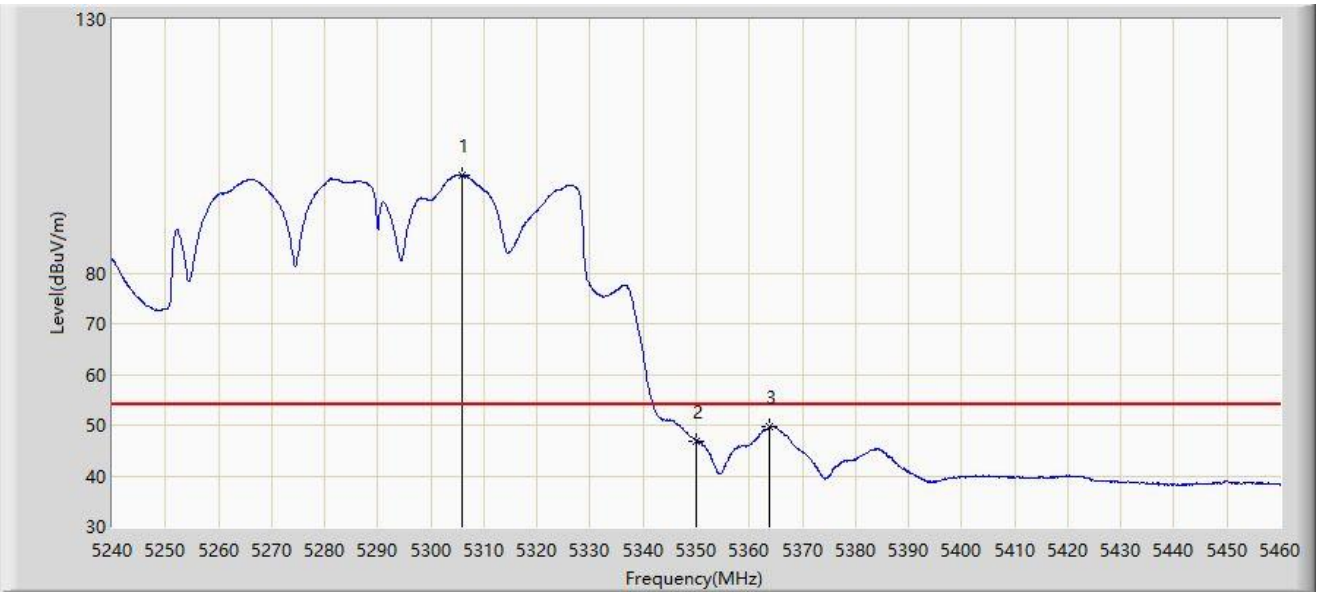
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5277.400	110.702	63.286	N/A	N/A	47.416	PK
2		5350.000	60.009	55.905	-13.991	74.000	4.104	PK
3	*	5364.740	64.823	63.610	-9.177	74.000	1.213	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



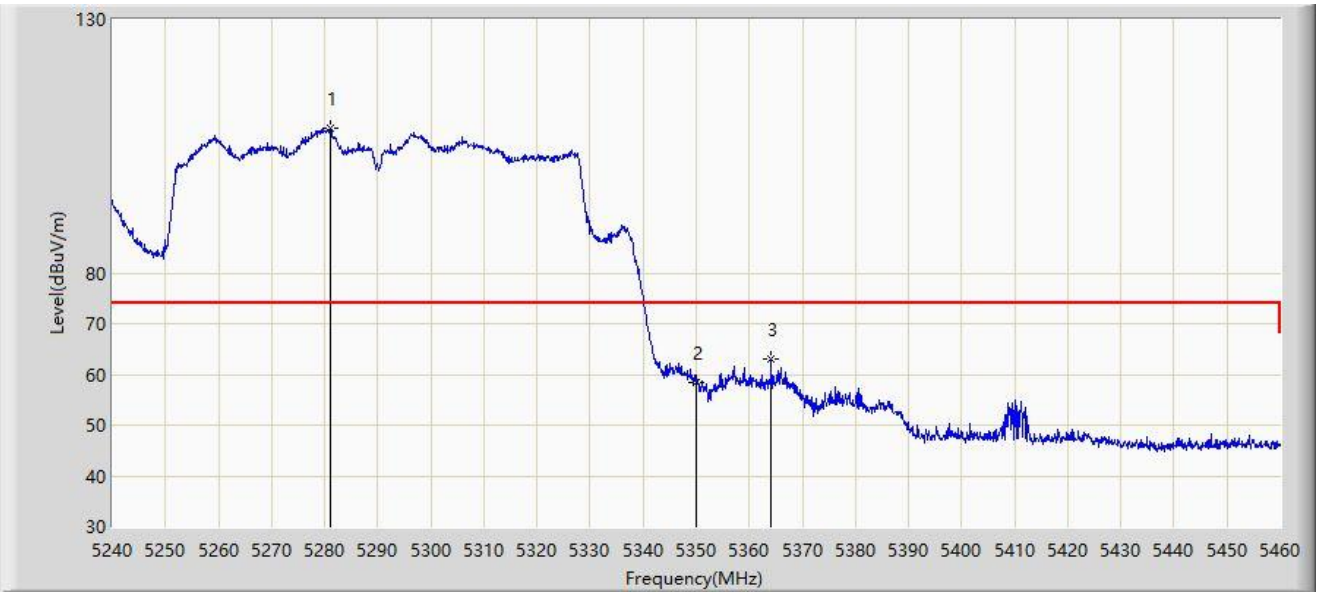
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5305.890	99.325	56.378	N/A	N/A	42.947	AV
2		5350.000	46.886	42.782	-7.114	54.000	4.104	AV
3	*	5363.860	49.724	48.408	-4.276	54.000	1.315	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



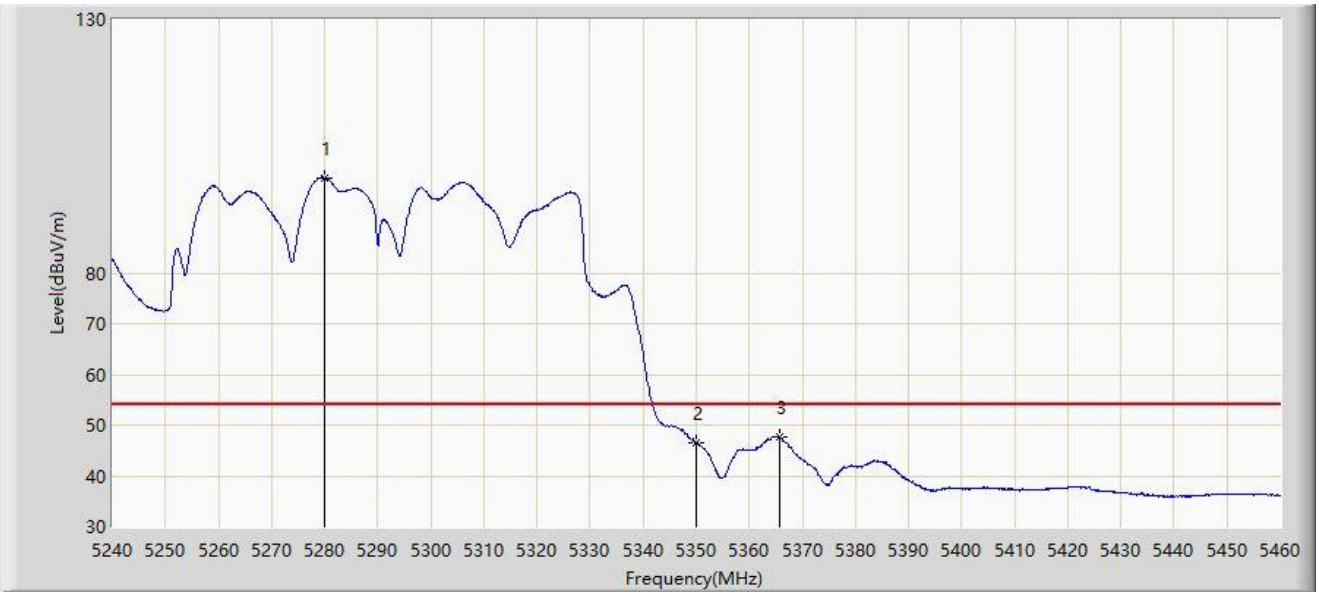
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5281.140	108.424	56.372	N/A	N/A	52.052	PK
2		5350.000	58.392	54.288	-15.608	74.000	4.104	PK
3	*	5364.190	63.012	61.740	-10.988	74.000	1.272	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



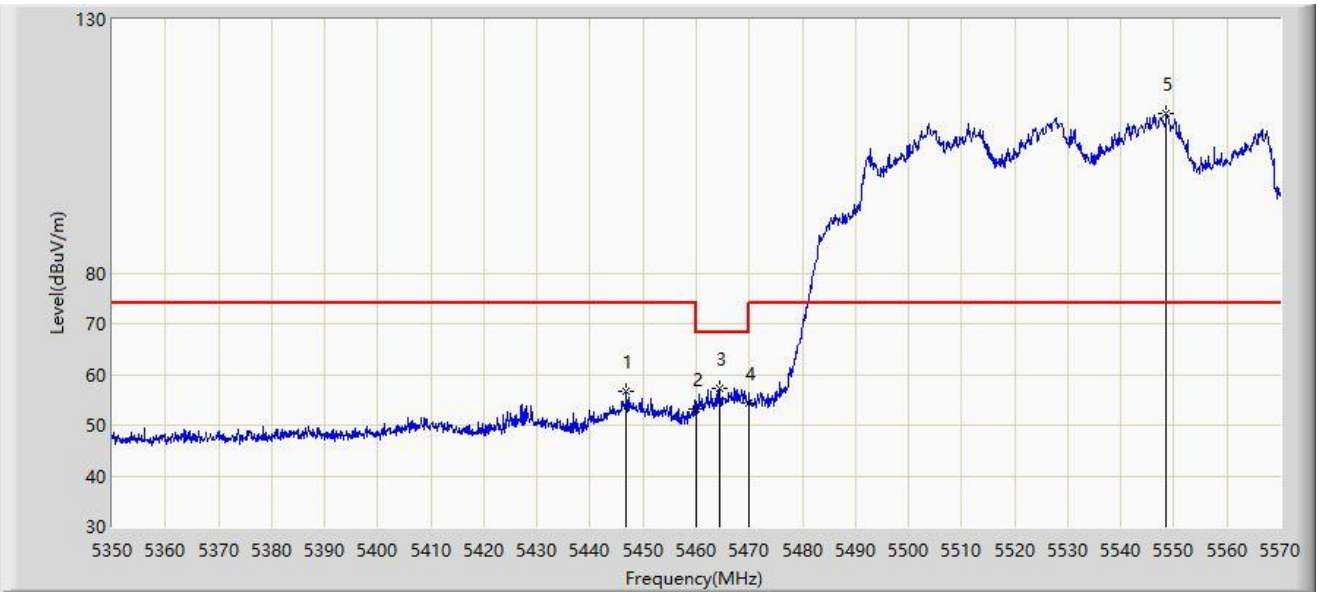
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5279.930	98.838	48.133	N/A	N/A	50.705	AV
2		5350.000	46.442	42.338	-7.558	54.000	4.104	AV
3	*	5365.840	47.621	46.563	-6.379	54.000	1.058	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
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		5446.800	56.532	60.687	-17.468	74.000	-4.156	PK
2		5460.000	53.090	56.433	-15.110	68.200	-3.343	PK
3	*	5464.400	57.375	60.321	-10.825	68.200	-2.946	PK
4		5470.000	54.275	55.885	-13.925	68.200	-1.610	PK
5		5548.550	111.312	68.288	N/A	N/A	43.025	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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	

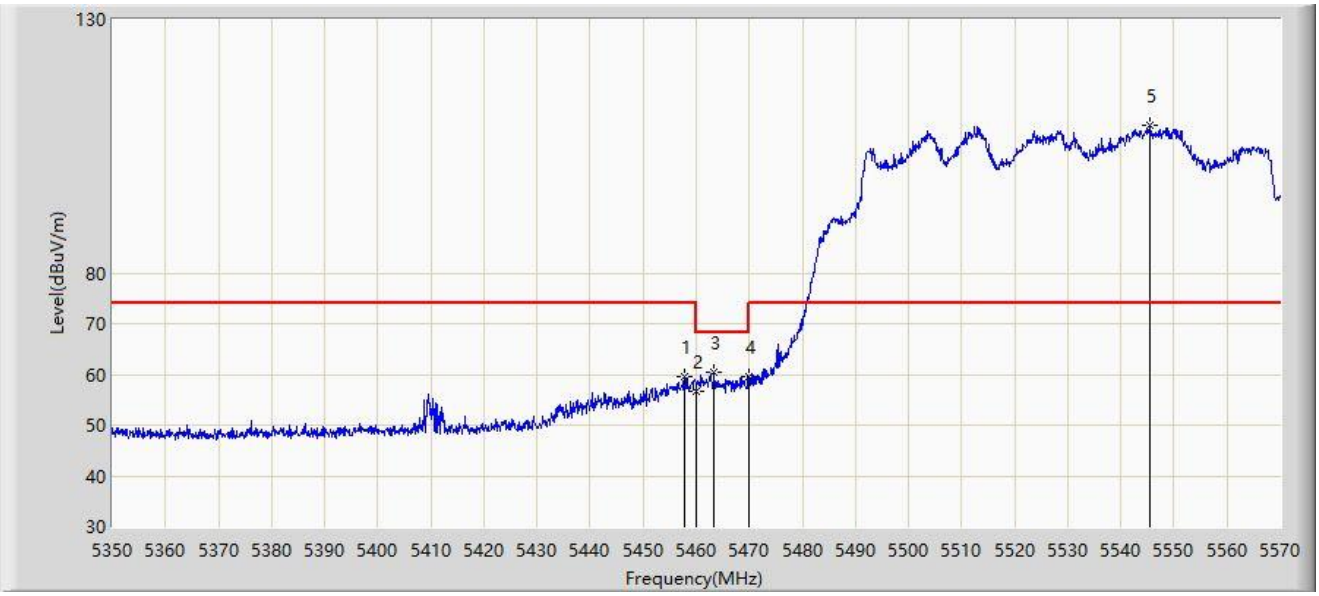
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.670	45.112	48.501	-8.888	54.000	-3.388	AV
2		5460.000	45.003	48.346	-8.997	54.000	-3.343	AV
3		5540.080	99.637	60.672	N/A	N/A	38.965	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



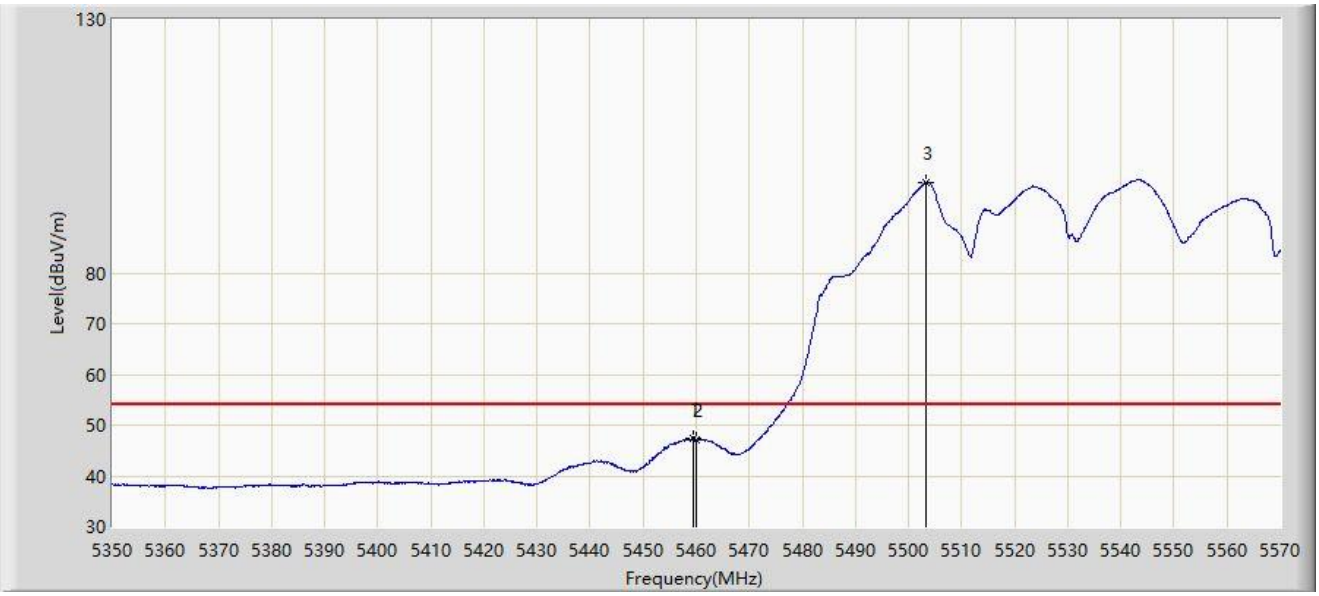
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5457.690	59.429	62.990	-14.571	74.000	-3.560	PK
2		5460.000	56.781	60.124	-11.419	68.200	-3.343	PK
3	*	5463.410	60.507	63.598	-7.693	68.200	-3.091	PK
4		5470.000	59.443	61.053	-8.757	68.200	-1.610	PK
5		5545.470	109.105	69.075	N/A	N/A	40.030	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-AC3	Test Date: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



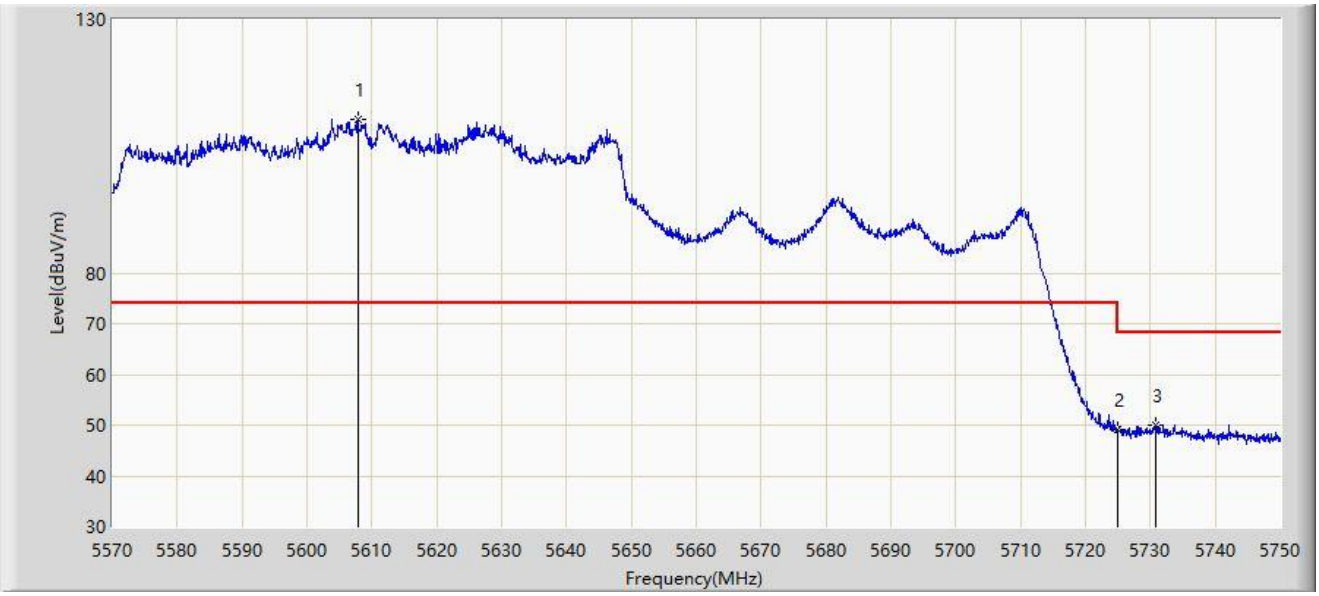
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.340	47.296	50.723	-6.704	54.000	-3.427	AV
2		5460.000	47.136	50.479	-6.864	54.000	-3.343	AV
3		5503.230	97.937	55.351	N/A	N/A	42.586	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



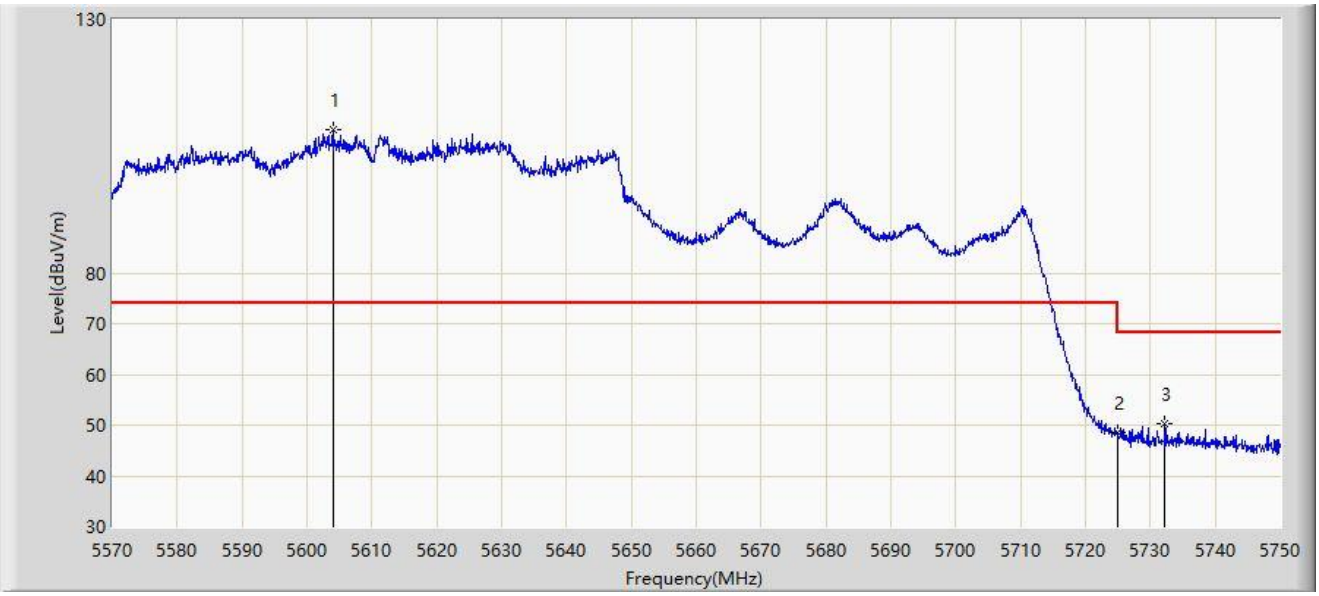
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5607.800	110.286	67.844	N/A	N/A	42.442	PK
2		5725.000	48.991	50.826	-19.209	68.200	-1.836	PK
3	*	5730.740	49.976	53.753	-18.224	68.200	-3.777	PK

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



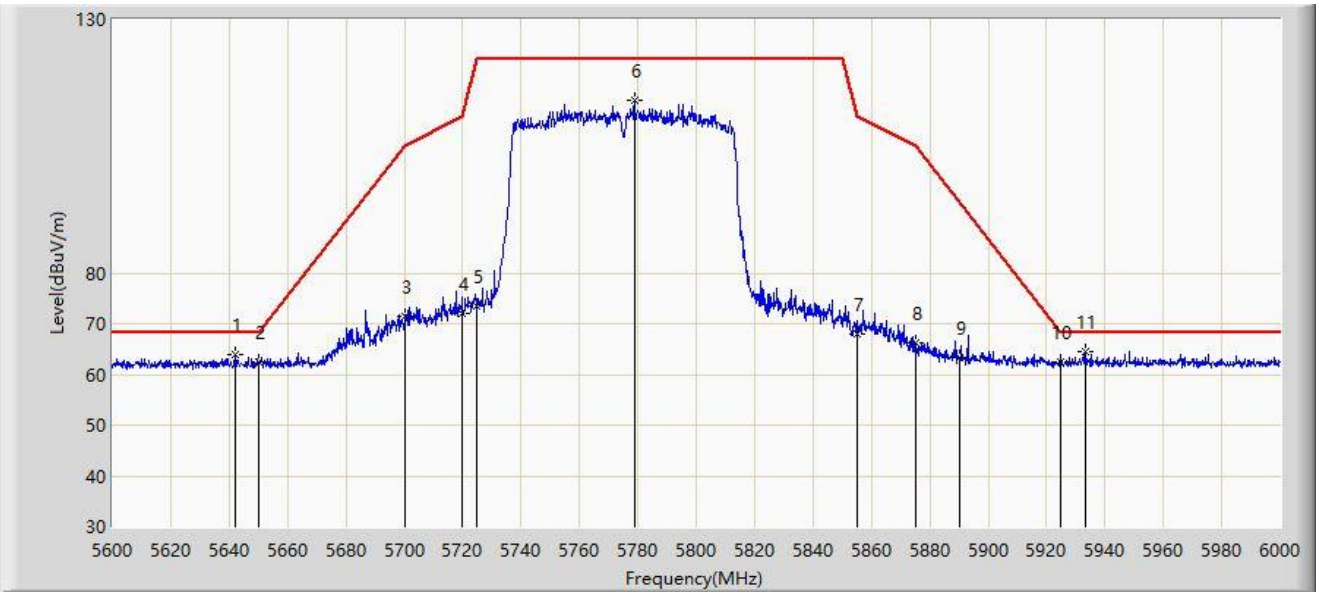
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5604.020	108.375	69.954	N/A	N/A	38.420	PK
2		5725.000	48.624	50.459	-19.576	68.200	-1.836	PK
3	*	5732.270	50.366	54.330	-17.834	68.200	-3.964	PK

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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



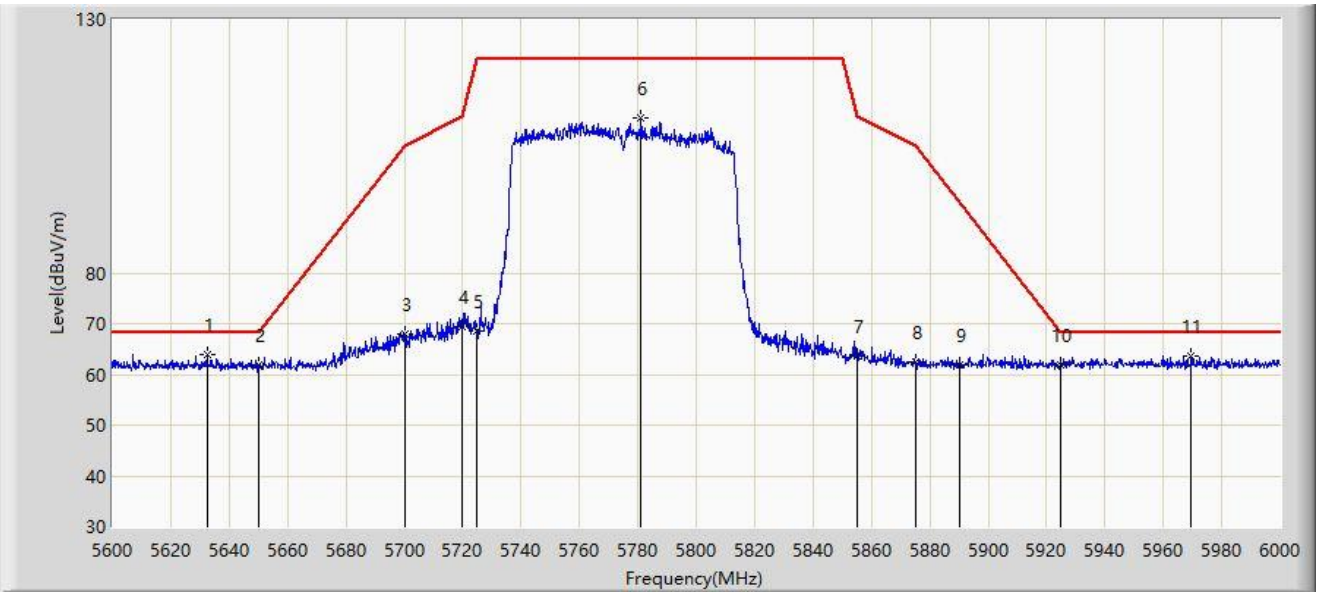
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5642.000	63.887	71.214	-4.313	68.200	-7.327	PK
2		5650.000	62.578	69.898	-5.622	68.200	-7.319	PK
3		5700.000	71.324	78.498	-33.876	105.200	-7.174	PK
4		5720.000	72.030	79.502	-38.770	110.800	-7.472	PK
5		5725.000	73.545	81.006	-48.655	122.200	-7.461	PK
6		5778.800	113.943	121.330	N/A	N/A	-7.387	PK
7		5855.000	68.099	75.317	-42.701	110.800	-7.217	PK
8		5875.000	66.220	73.572	-38.980	105.200	-7.352	PK
9		5890.000	63.258	70.473	-30.842	94.100	-7.214	PK
10		5925.000	62.413	69.539	-5.787	68.200	-7.126	PK
11	*	5933.400	64.488	71.563	-3.712	68.200	-7.075	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



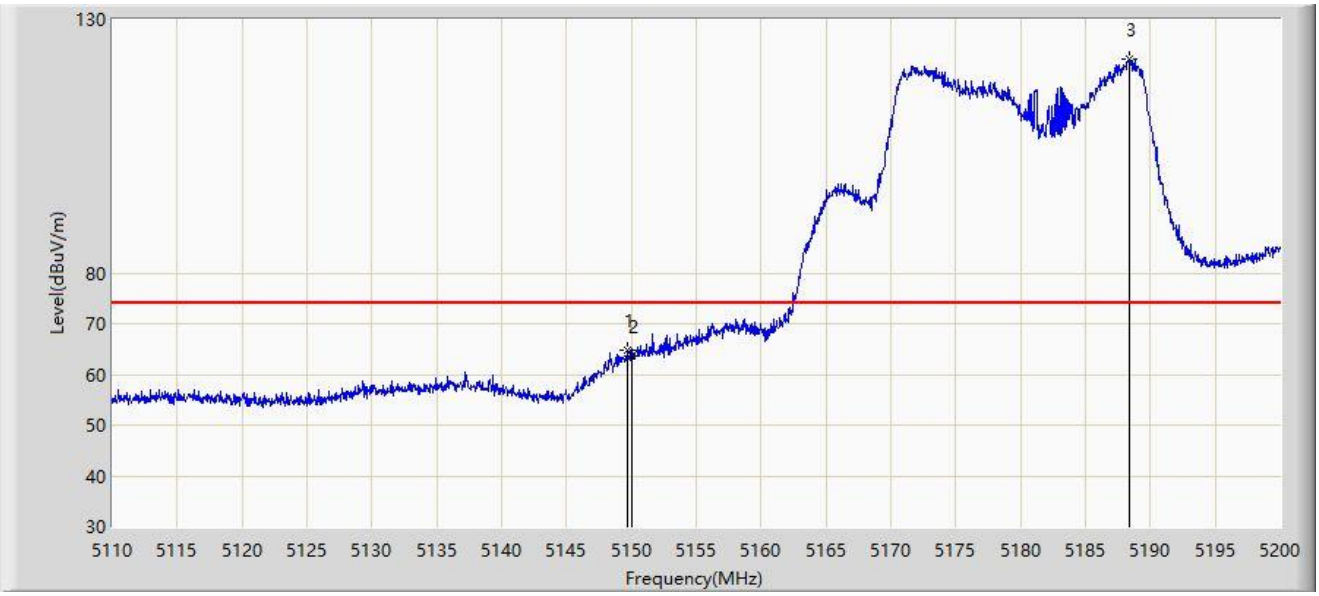
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5632.400	63.833	71.134	-4.367	68.200	-7.301	PK
2		5650.000	61.822	69.142	-6.378	68.200	-7.319	PK
3		5700.000	67.875	75.049	-37.325	105.200	-7.174	PK
4		5720.000	69.520	76.992	-41.280	110.800	-7.472	PK
5		5725.000	68.569	76.030	-53.631	122.200	-7.461	PK
6		5781.200	110.548	117.942	N/A	N/A	-7.394	PK
7		5855.000	63.659	70.877	-47.141	110.800	-7.217	PK
8		5875.000	62.361	69.713	-42.839	105.200	-7.352	PK
9		5890.000	61.772	68.987	-32.328	94.100	-7.214	PK
10		5925.000	61.975	69.101	-6.225	68.200	-7.126	PK
11		5969.600	63.479	70.457	-4.721	68.200	-6.977	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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



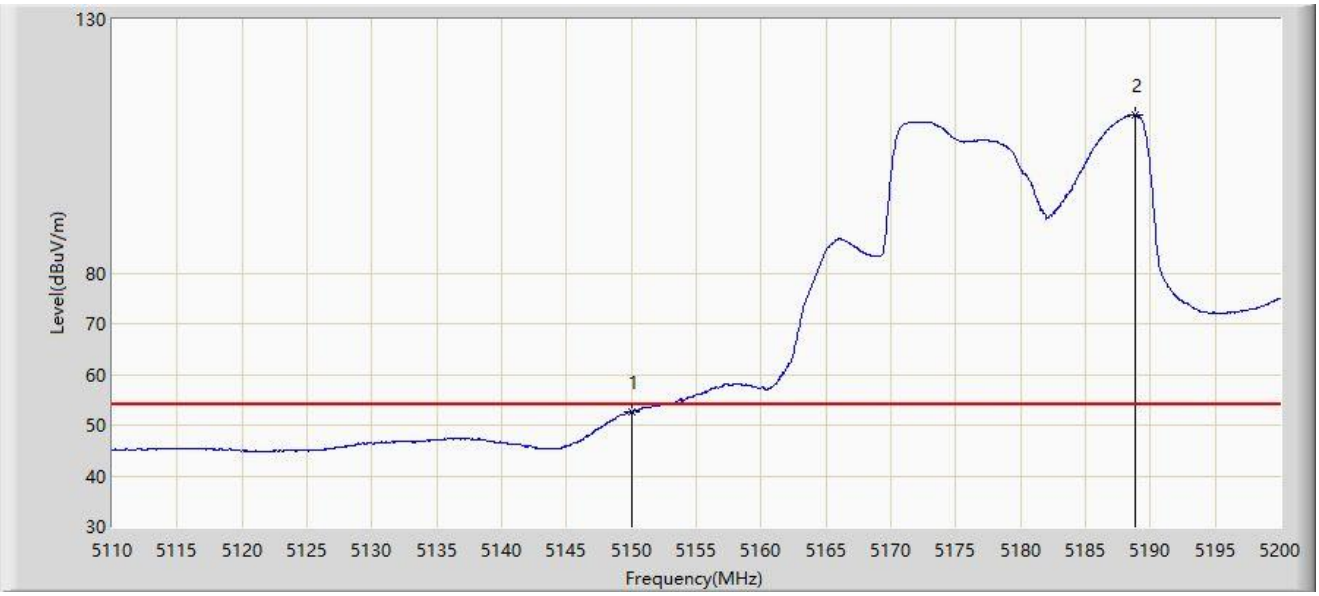
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.735	64.659	62.776	-9.341	74.000	1.884	PK
2		5150.000	63.649	61.720	-10.351	74.000	1.929	PK
3		5188.345	122.103	78.652	N/A	N/A	43.451	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



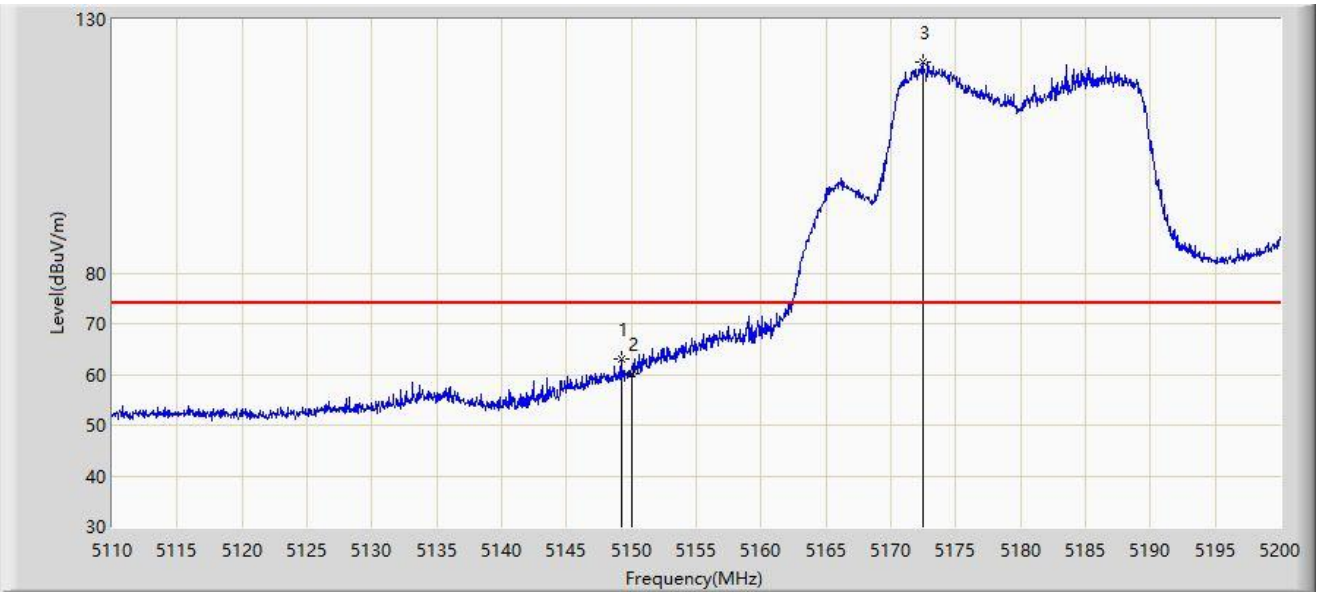
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	52.705	50.776	-1.295	54.000	1.929	AV
2		5188.885	111.248	67.060	N/A	N/A	44.188	AV

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

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

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

Site: SIP-AC2	Test Date: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



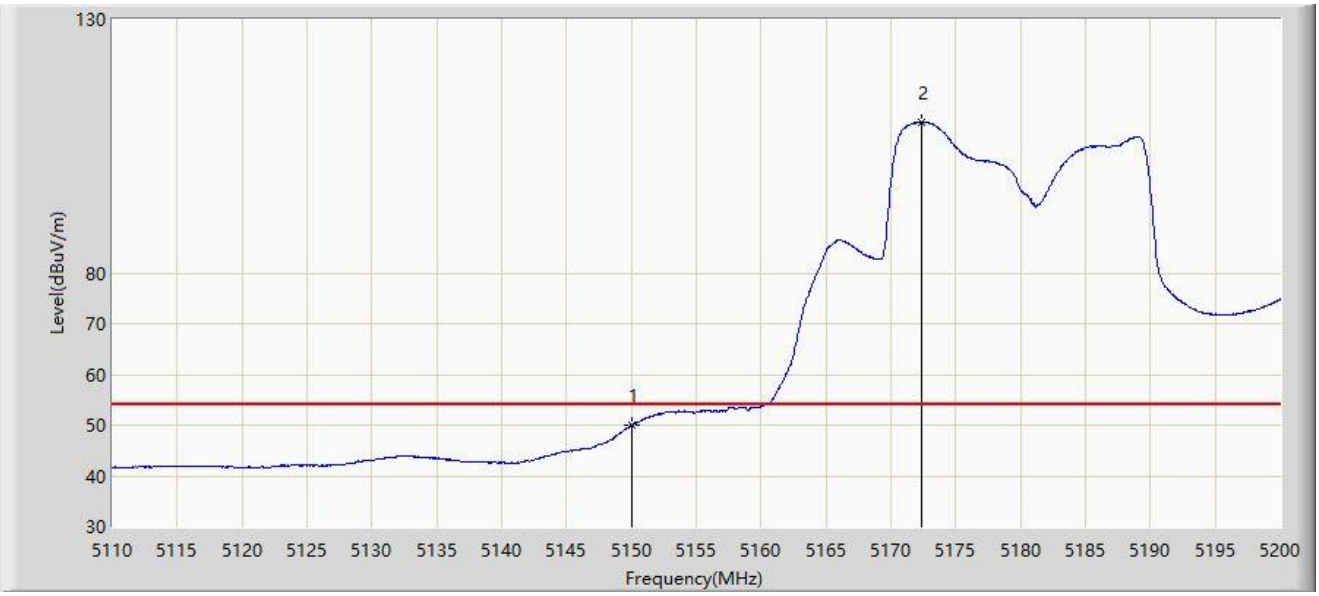
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.195	62.963	61.193	-11.037	74.000	1.770	PK
2		5150.000	60.054	58.125	-13.946	74.000	1.929	PK
3		5172.460	121.668	70.788	N/A	N/A	50.880	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



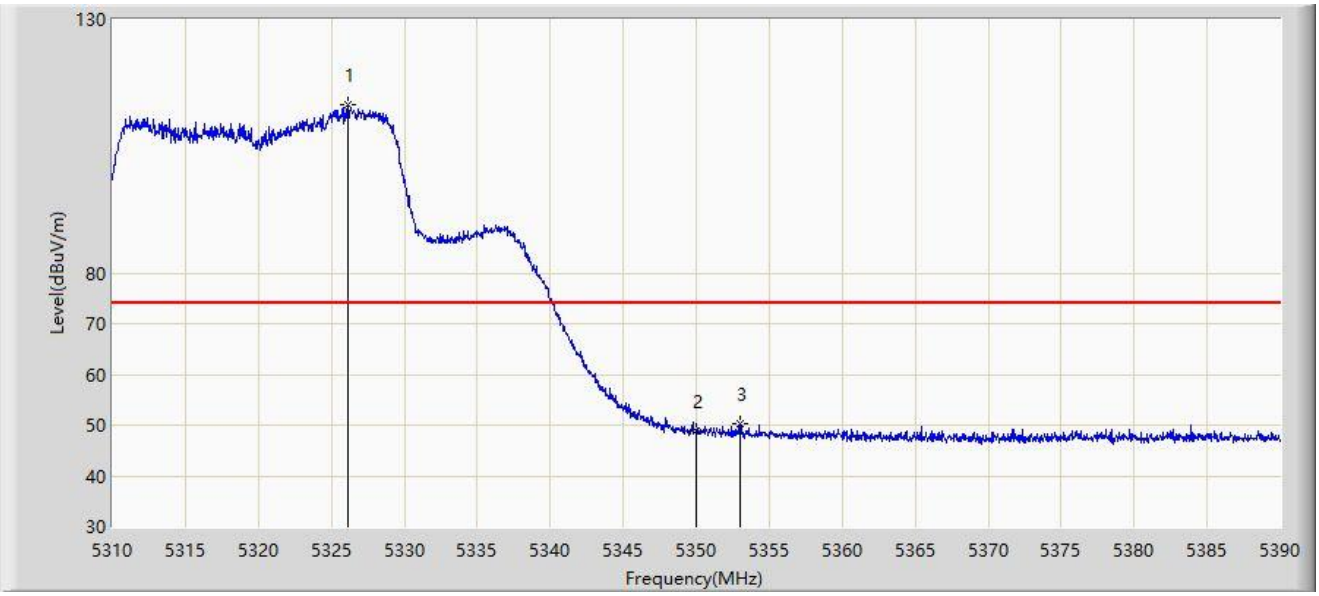
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	49.985	48.056	-4.015	54.000	1.929	AV
2		5172.370	109.731	58.950	N/A	N/A	50.781	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



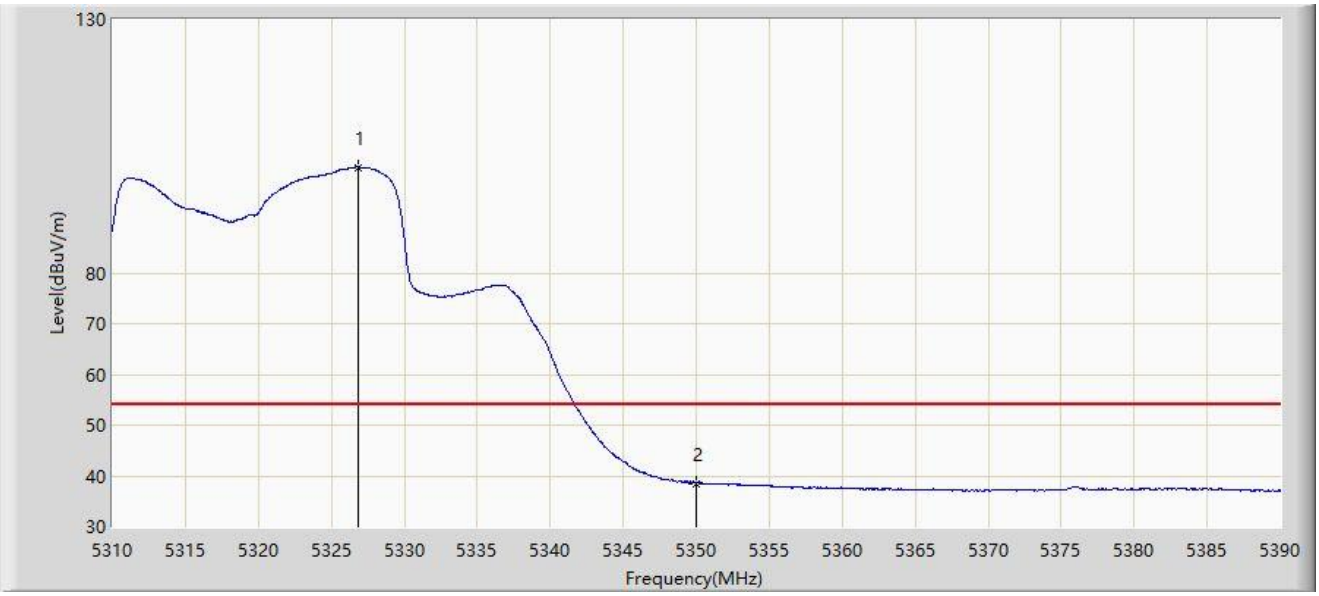
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.160	113.164	67.995	N/A	N/A	45.169	PK
2		5350.000	48.782	44.678	-25.218	74.000	4.104	PK
3	*	5352.960	50.303	47.190	-23.697	74.000	3.113	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



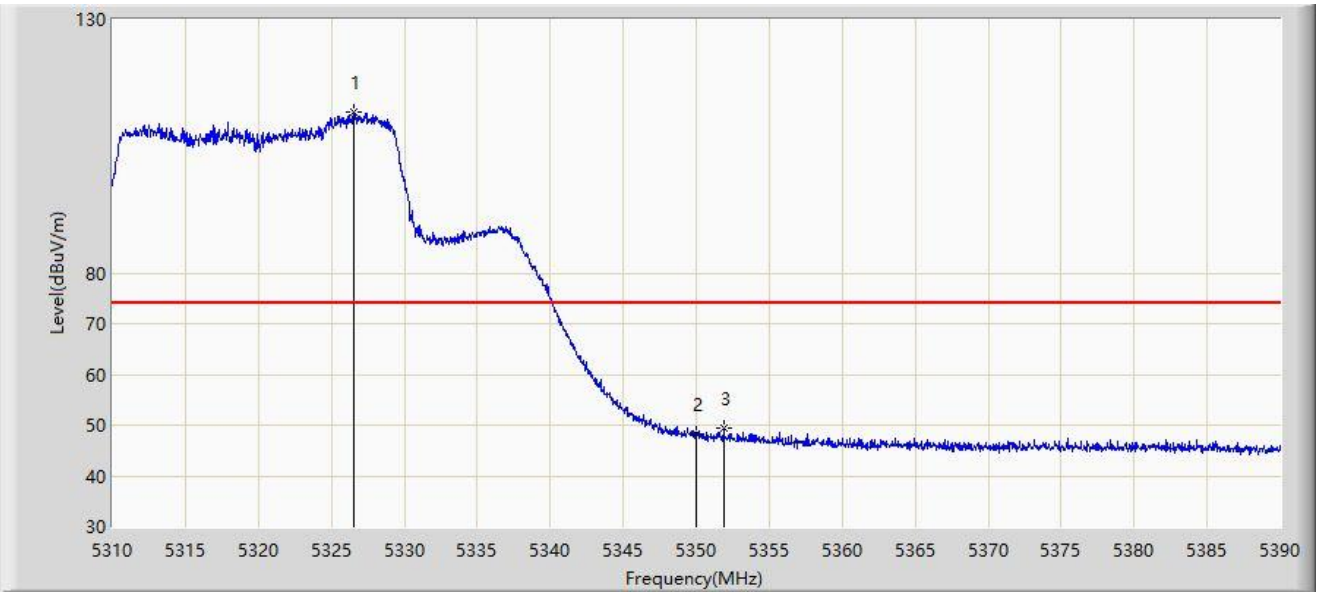
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.880	100.834	55.241	N/A	N/A	45.592	AV
2	*	5350.000	38.529	34.425	-15.471	54.000	4.104	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



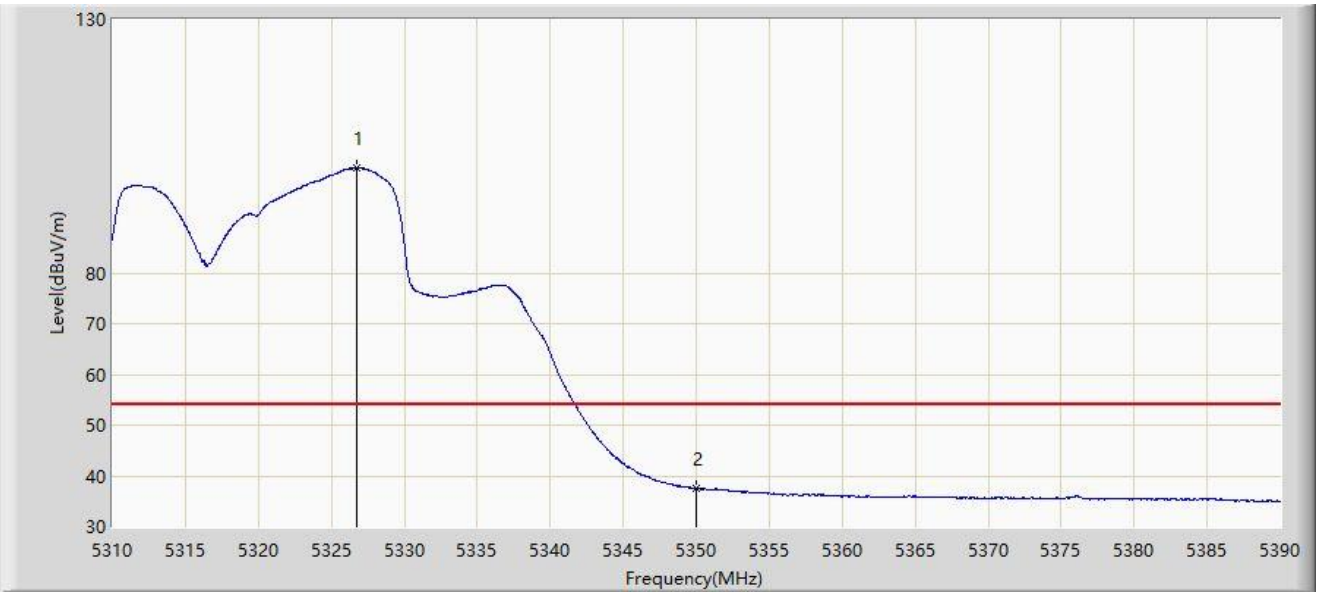
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5326.520	111.734	66.369	N/A	N/A	45.366	PK
2		5350.000	48.362	44.258	-25.638	74.000	4.104	PK
3	*	5351.880	49.534	46.122	-24.466	74.000	3.412	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



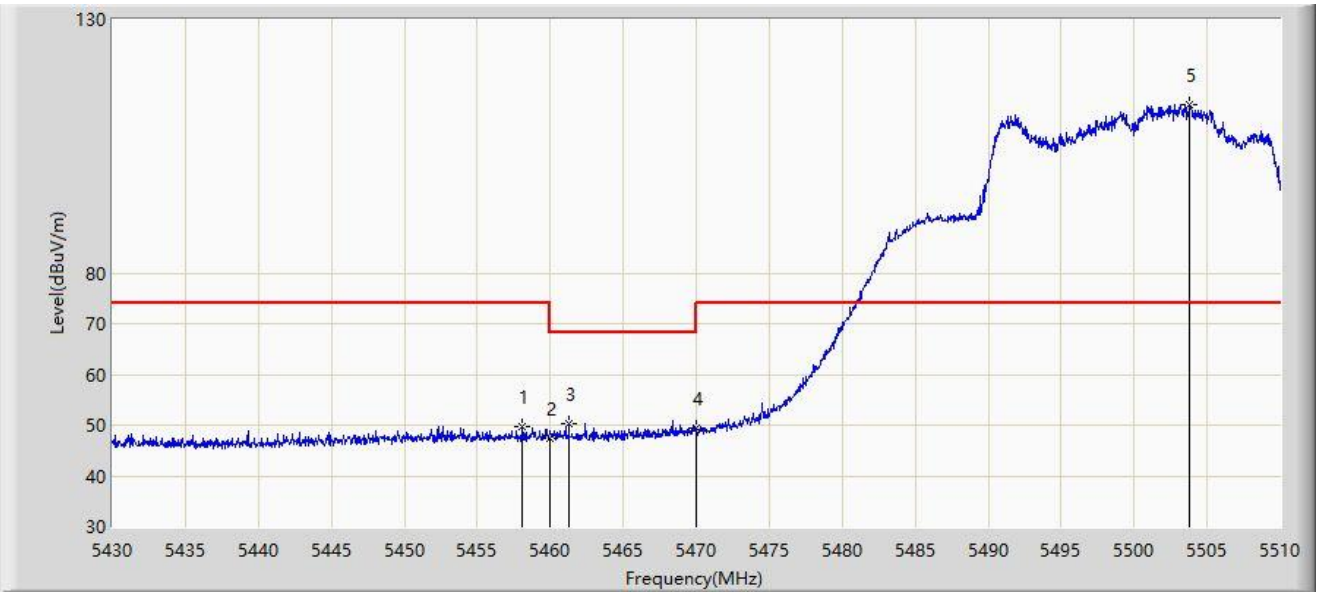
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.760	100.674	55.157	N/A	N/A	45.517	AV
2	*	5350.000	37.486	33.382	-16.514	54.000	4.104	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



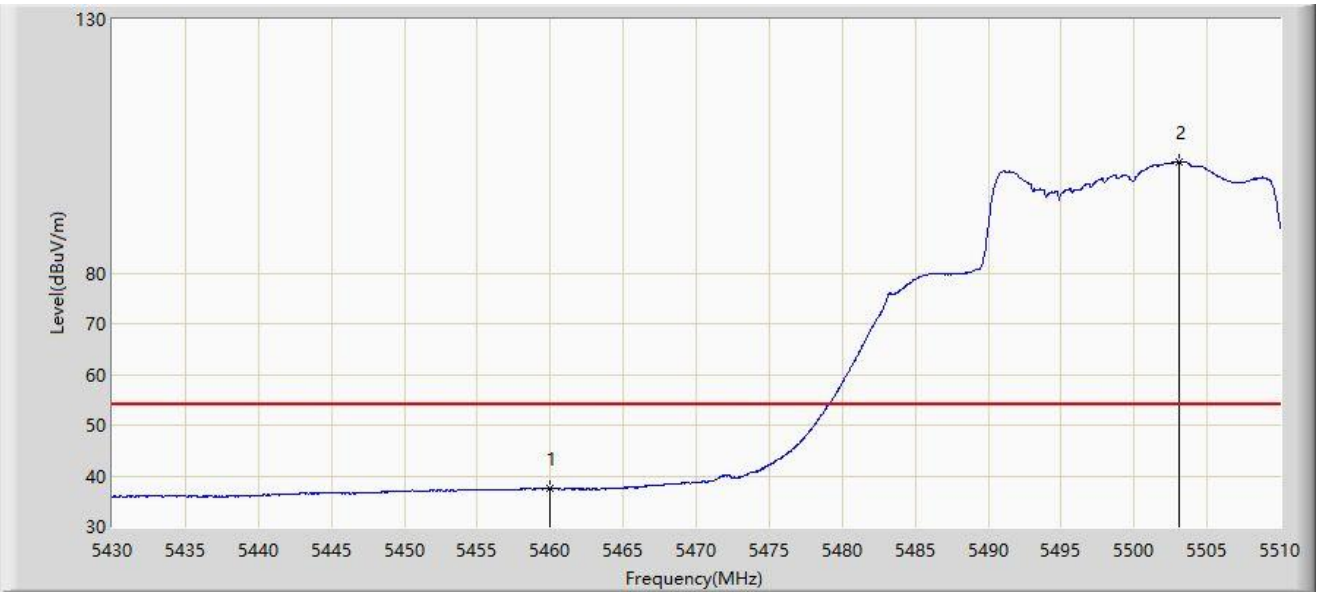
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5458.080	49.739	53.229	-24.261	74.000	-3.491	PK
2		5460.000	47.415	50.758	-20.785	68.200	-3.343	PK
3	*	5461.280	50.409	53.694	-17.791	68.200	-3.285	PK
4		5470.000	49.546	51.156	-18.654	68.200	-1.610	PK
5		5503.800	113.261	69.835	N/A	N/A	43.426	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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



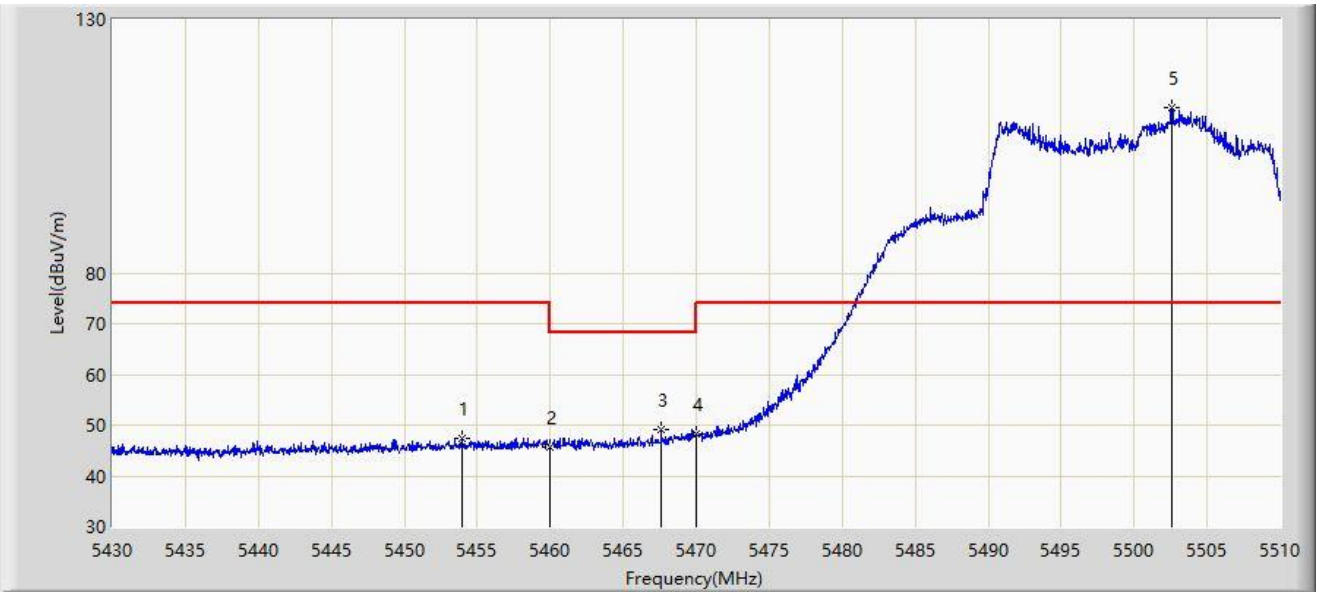
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5460.000	37.530	40.873	-16.470	54.000	-3.343	AV
2		5503.120	102.011	59.646	N/A	N/A	42.364	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



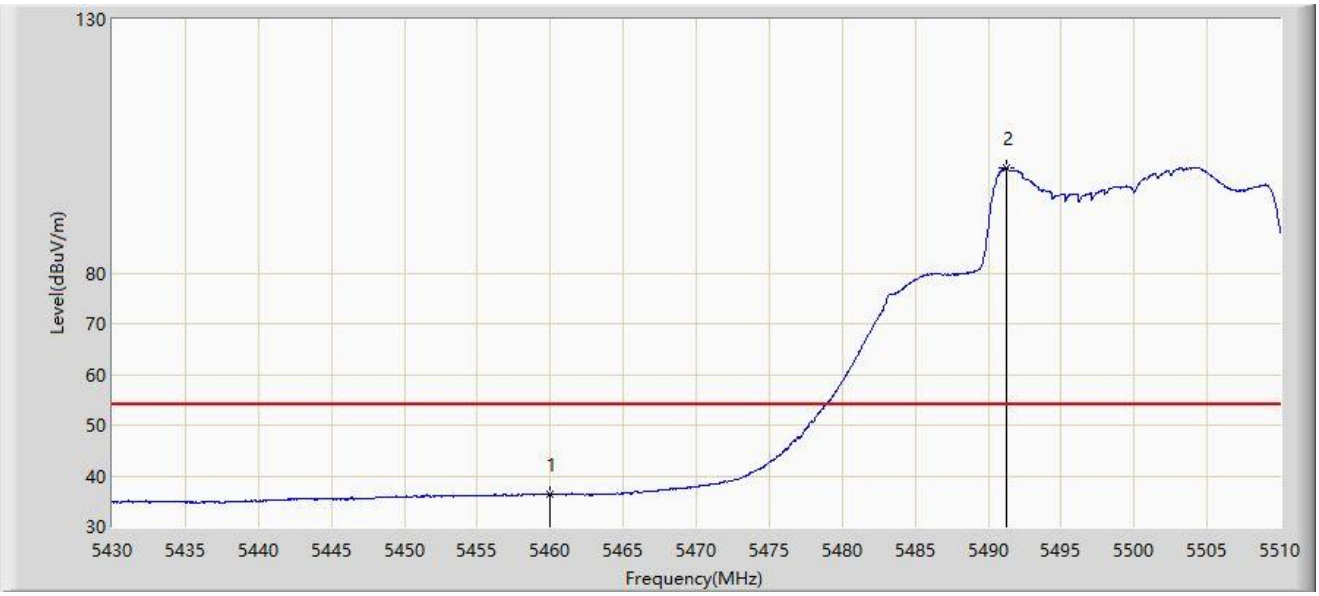
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5453.920	47.305	51.055	-26.695	74.000	-3.750	PK
2		5460.000	45.509	48.852	-22.691	68.200	-3.343	PK
3	*	5467.600	49.071	51.449	-19.129	68.200	-2.378	PK
4		5470.000	48.374	49.984	-19.826	68.200	-1.610	PK
5		5502.600	112.607	71.352	N/A	N/A	41.256	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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



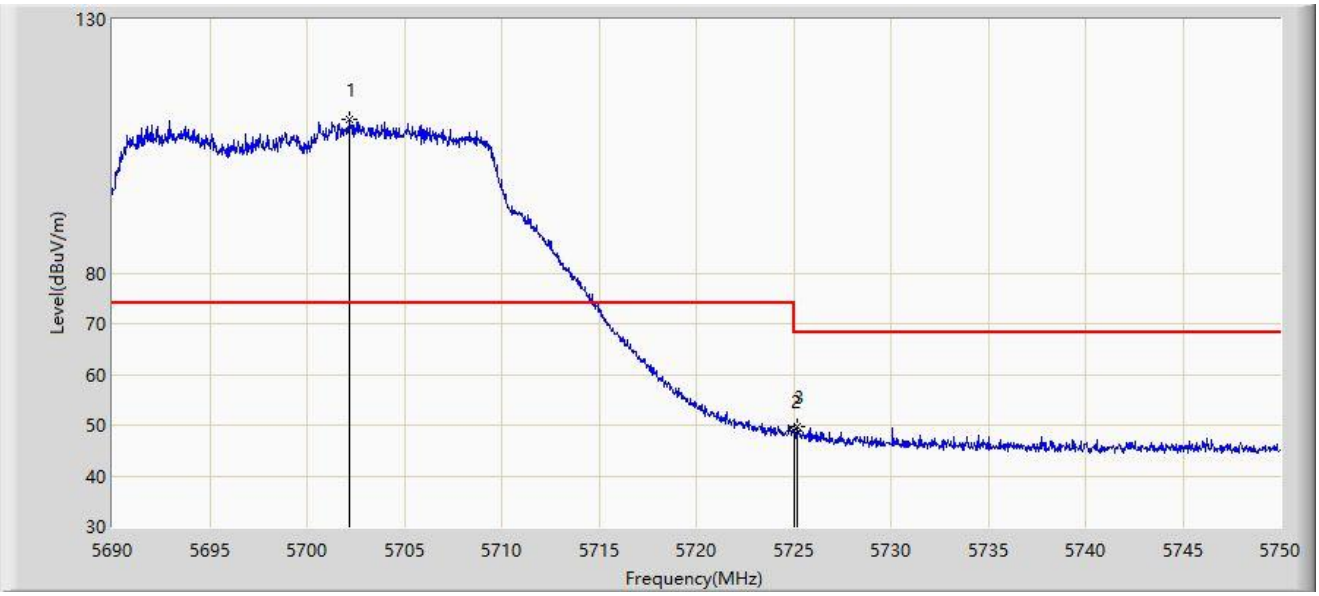
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	36.405	39.748	-17.595	54.000	-3.343	AV
2		5491.280	100.701	55.735	N/A	N/A	44.967	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



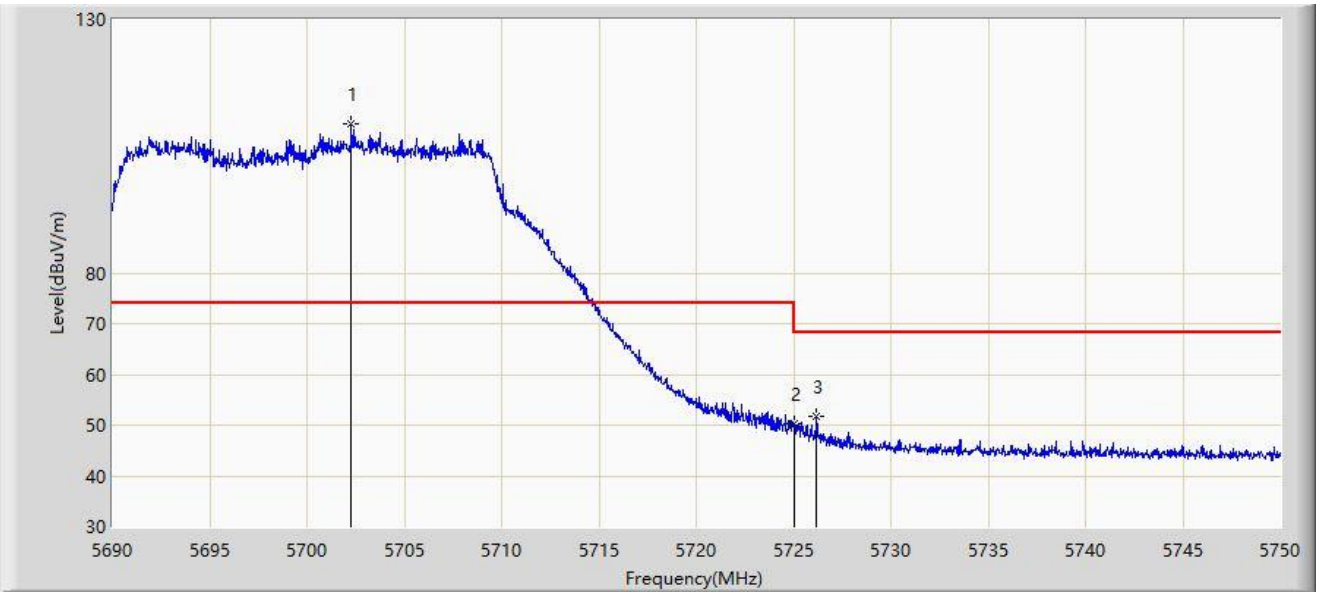
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5702.180	110.313	73.203	N/A	N/A	37.110	PK
2		5725.000	48.762	50.597	-19.438	68.200	-1.836	PK
3	*	5725.160	49.614	51.541	-18.586	68.200	-1.927	PK

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

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

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

Site: SIP-AC3	Test Date: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz5	



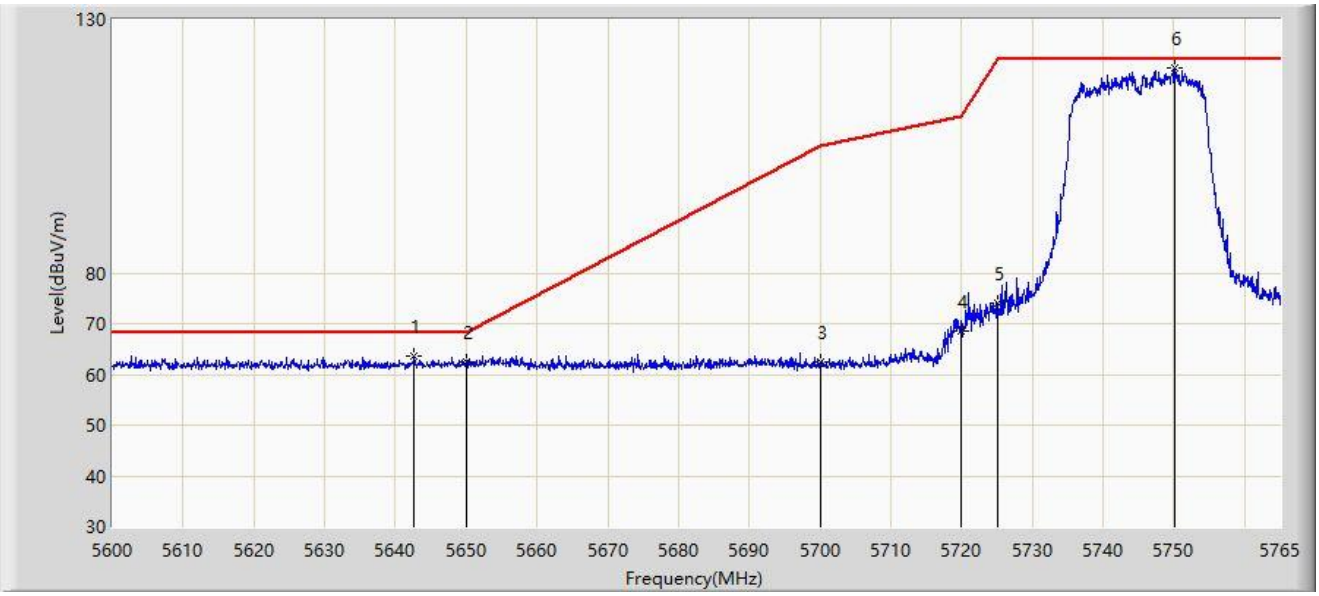
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5702.270	109.429	72.241	N/A	N/A	37.188	PK
2		5725.000	50.172	52.007	-18.028	68.200	-1.836	PK
3	*	5726.180	51.760	54.217	-16.440	68.200	-2.457	PK

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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



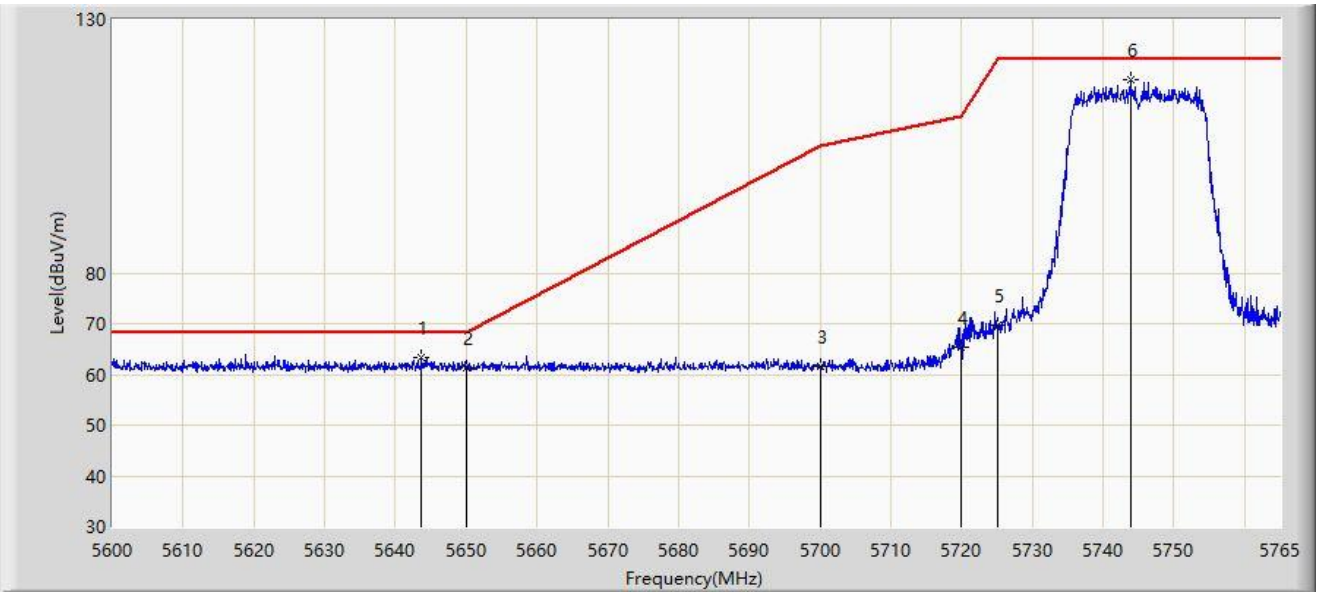
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5642.652	63.718	71.044	-4.482	68.200	-7.326	PK
2		5650.000	62.557	69.877	-5.643	68.200	-7.319	PK
3		5700.000	62.323	69.497	-42.877	105.200	-7.174	PK
4		5720.000	68.546	76.018	-42.254	110.800	-7.472	PK
5		5725.000	74.157	81.618	-48.043	122.200	-7.461	PK
6		5750.067	120.321	127.792	N/A	N/A	-7.471	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



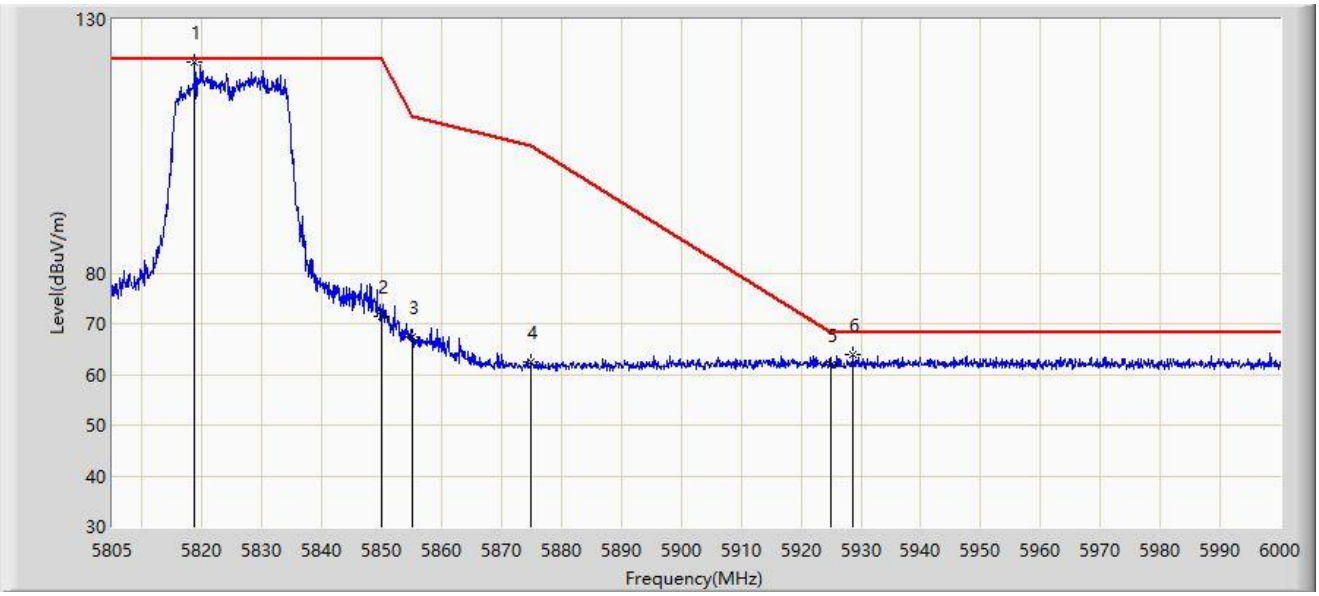
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5643.725	63.421	70.746	-4.779	68.200	-7.326	PK
2		5650.000	61.255	68.575	-6.945	68.200	-7.319	PK
3		5700.000	61.492	68.666	-43.708	105.200	-7.174	PK
4		5720.000	65.443	72.915	-45.357	110.800	-7.472	PK
5		5725.000	69.792	77.253	-52.408	122.200	-7.461	PK
6		5743.880	118.218	125.746	N/A	N/A	-7.528	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5825MHz	



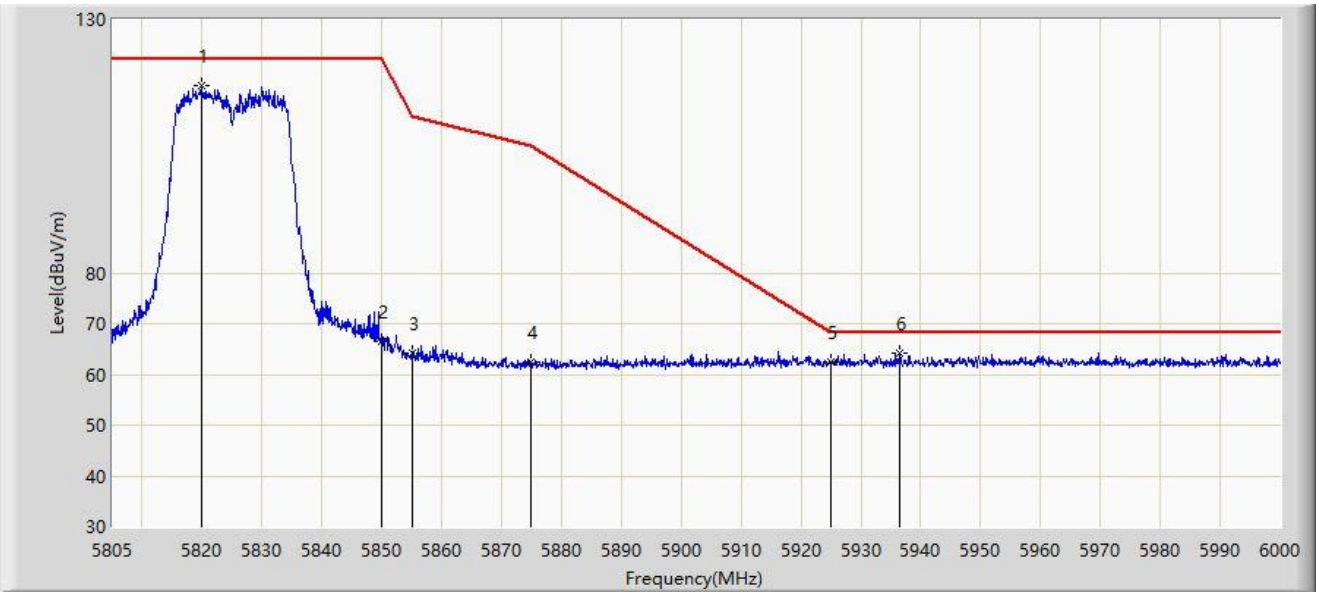
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5818.748	121.696	129.007	N/A	N/A	-7.311	PK
2		5850.000	71.510	78.747	-50.690	122.200	-7.237	PK
3		5855.000	67.464	74.682	-43.336	110.800	-7.217	PK
4		5875.000	62.463	69.815	-42.737	105.200	-7.352	PK
5		5925.000	61.742	68.868	-6.458	68.200	-7.126	PK
6	*	5928.728	63.829	70.936	-4.371	68.200	-7.108	PK

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

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

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

Site: SIP-AC3	Test Date: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE20 at 5825MHz	



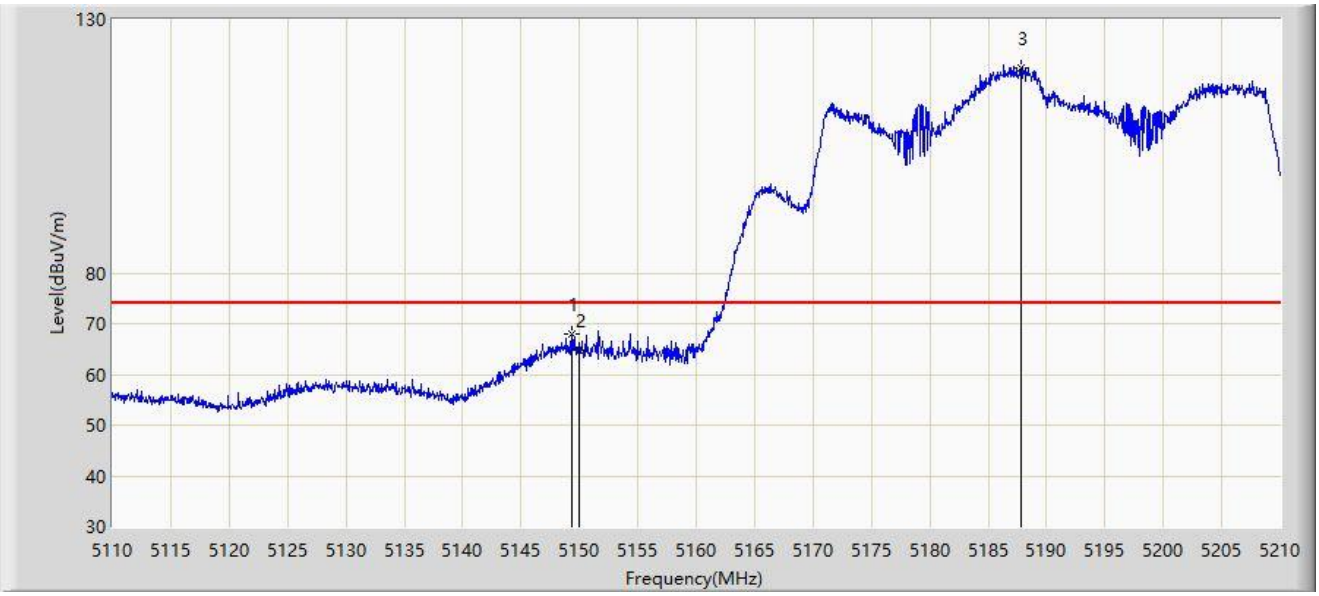
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5819.917	117.025	124.331	N/A	N/A	-7.306	PK
2		5850.000	66.457	73.694	-55.743	122.200	-7.237	PK
3		5855.000	64.249	71.467	-46.551	110.800	-7.217	PK
4		5875.000	62.581	69.933	-42.619	105.200	-7.352	PK
5		5925.000	62.319	69.445	-5.881	68.200	-7.126	PK
6	*	5936.527	64.222	71.273	-3.978	68.200	-7.051	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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



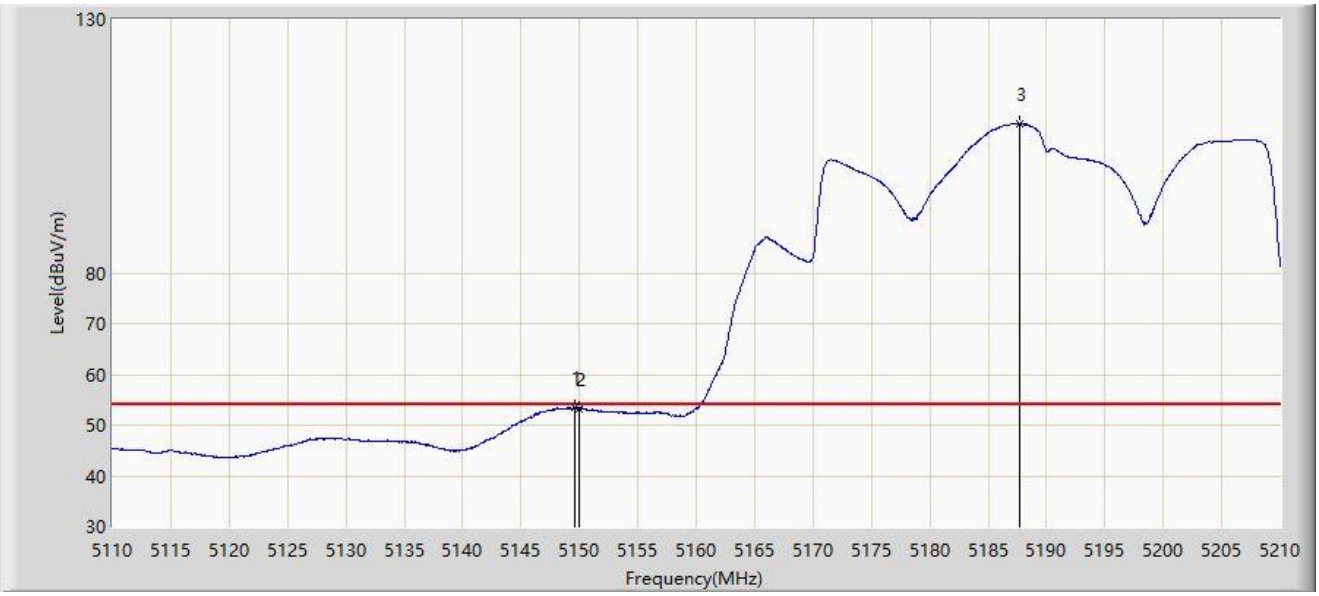
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.300	67.987	66.195	-6.013	74.000	1.792	PK
2		5150.000	64.777	62.848	-9.223	74.000	1.929	PK
3		5187.800	120.554	77.985	N/A	N/A	42.569	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



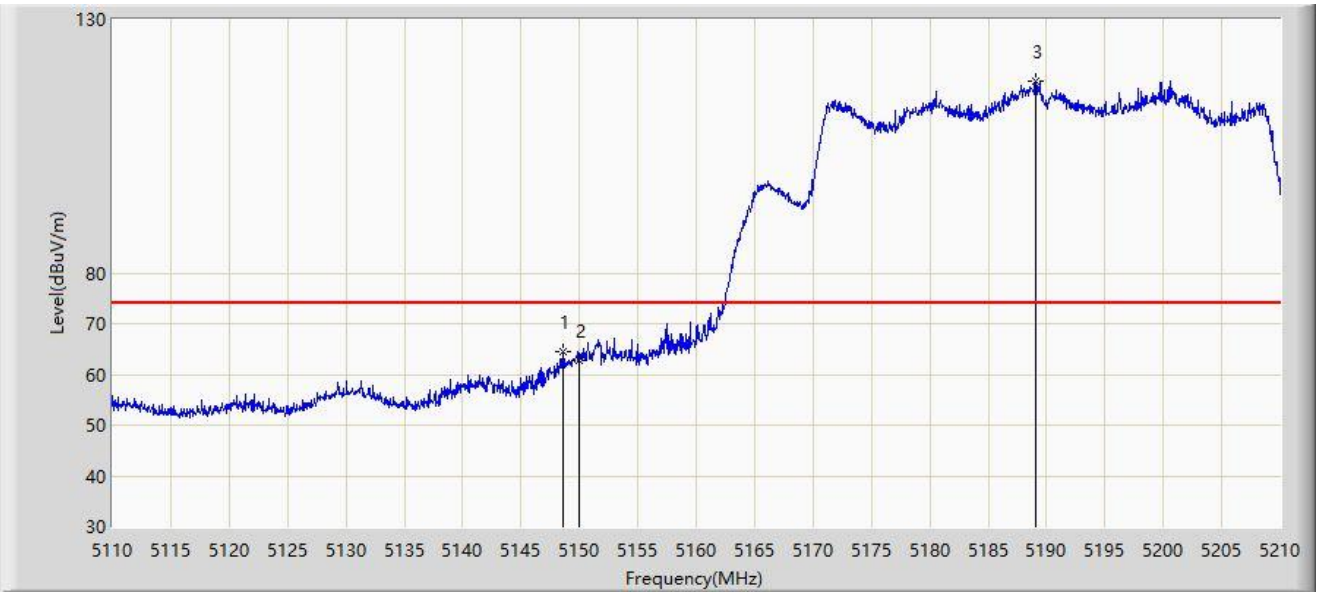
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.550	53.424	51.580	-0.576	54.000	1.845	AV
2		5150.000	53.255	51.326	-0.745	54.000	1.929	AV
3		5187.700	109.355	66.948	N/A	N/A	42.407	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



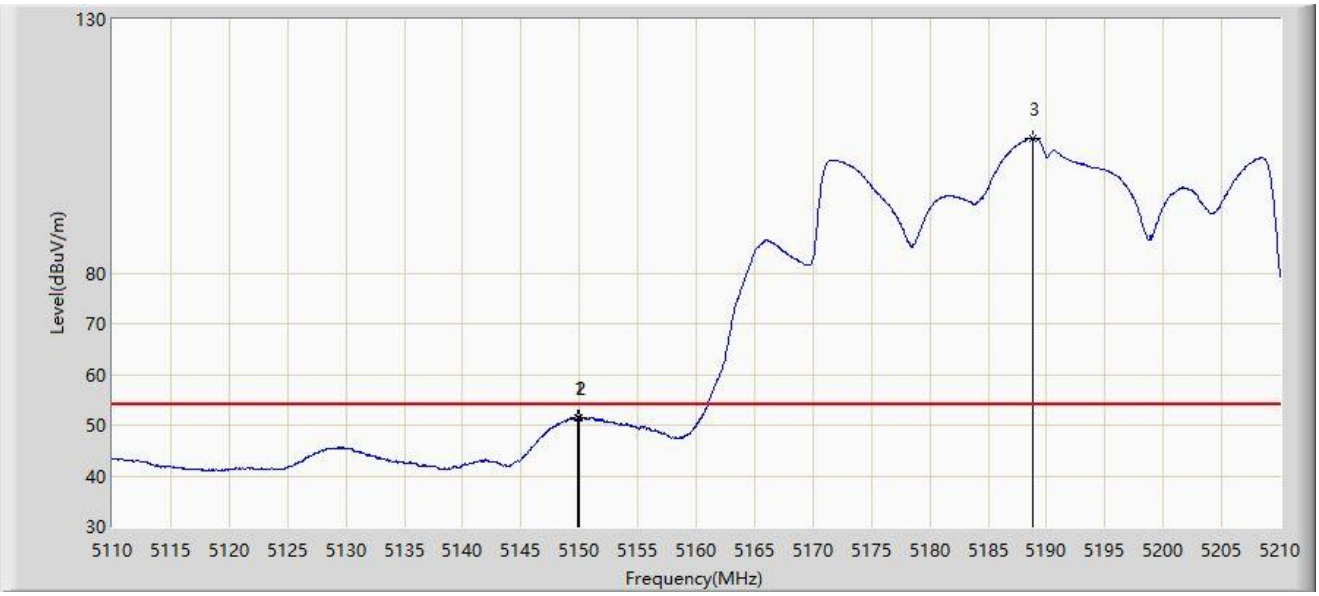
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.550	64.560	62.913	-9.440	74.000	1.646	PK
2		5150.000	62.642	60.713	-11.358	74.000	1.929	PK
3		5189.100	117.856	73.396	N/A	N/A	44.459	PK

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

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

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

Site: SIP-AC2	Test Date: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



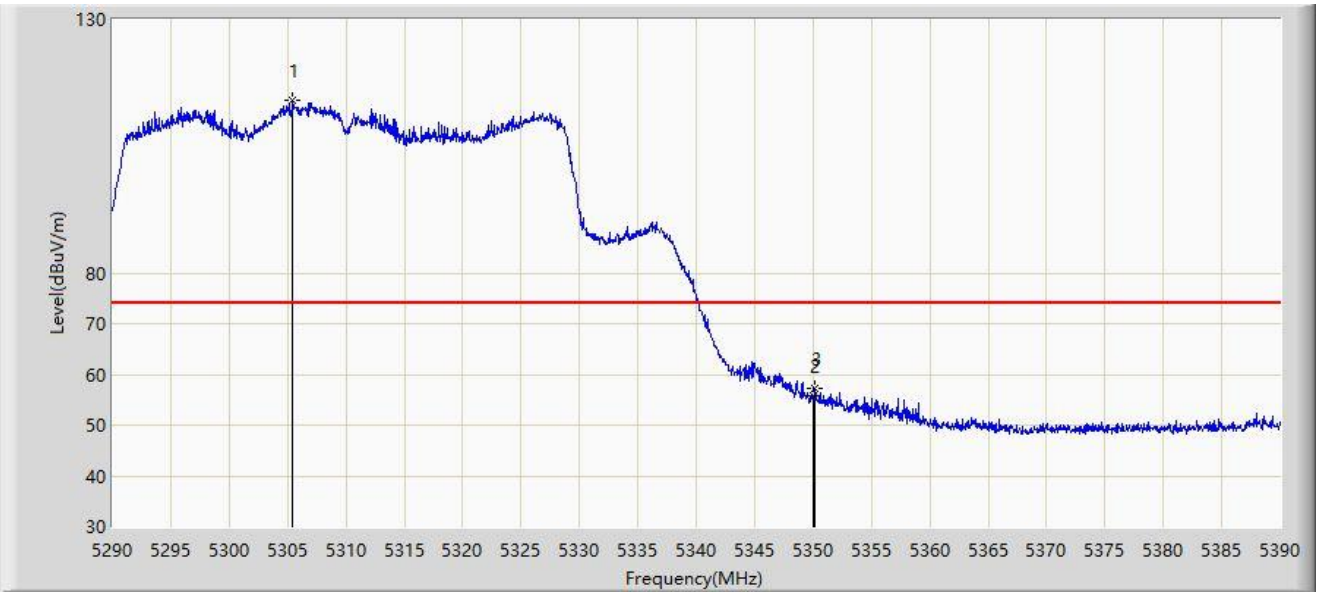
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.900	51.439	49.526	-2.561	54.000	1.914	AV
2		5150.000	51.366	49.437	-2.634	54.000	1.929	AV
3		5188.800	106.486	62.405	N/A	N/A	44.081	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



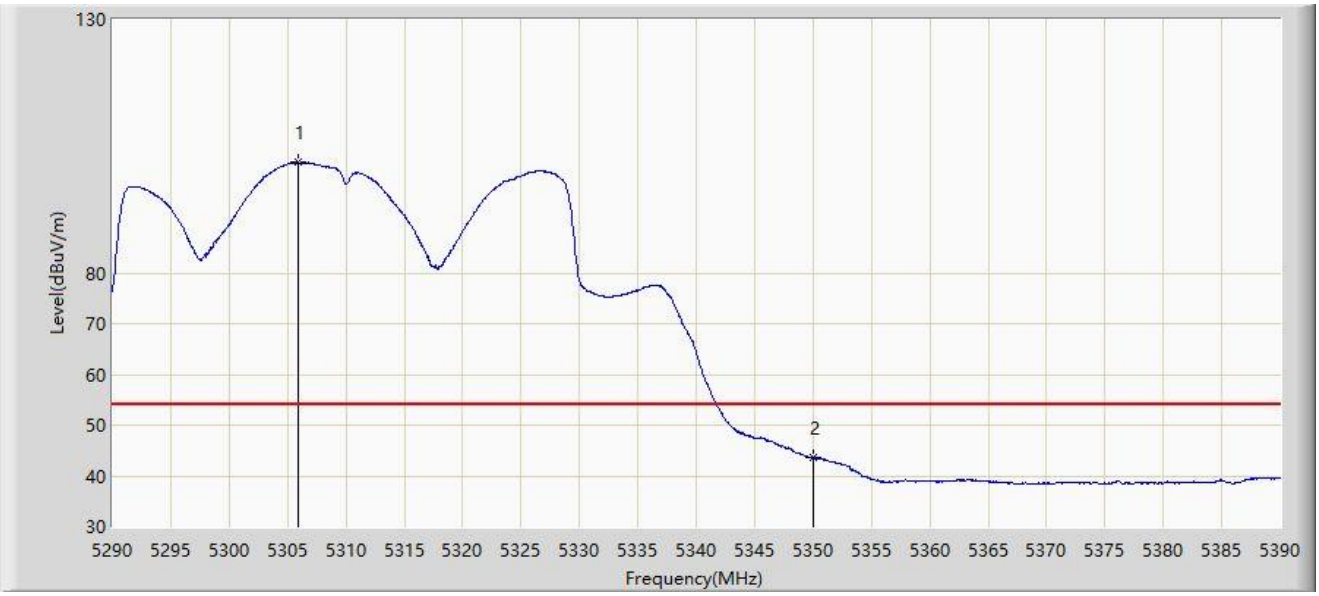
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5305.450	113.935	71.058	N/A	N/A	42.877	PK
2		5350.000	55.851	51.747	-18.149	74.000	4.104	PK
3	*	5350.200	57.168	53.169	-16.832	74.000	3.999	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



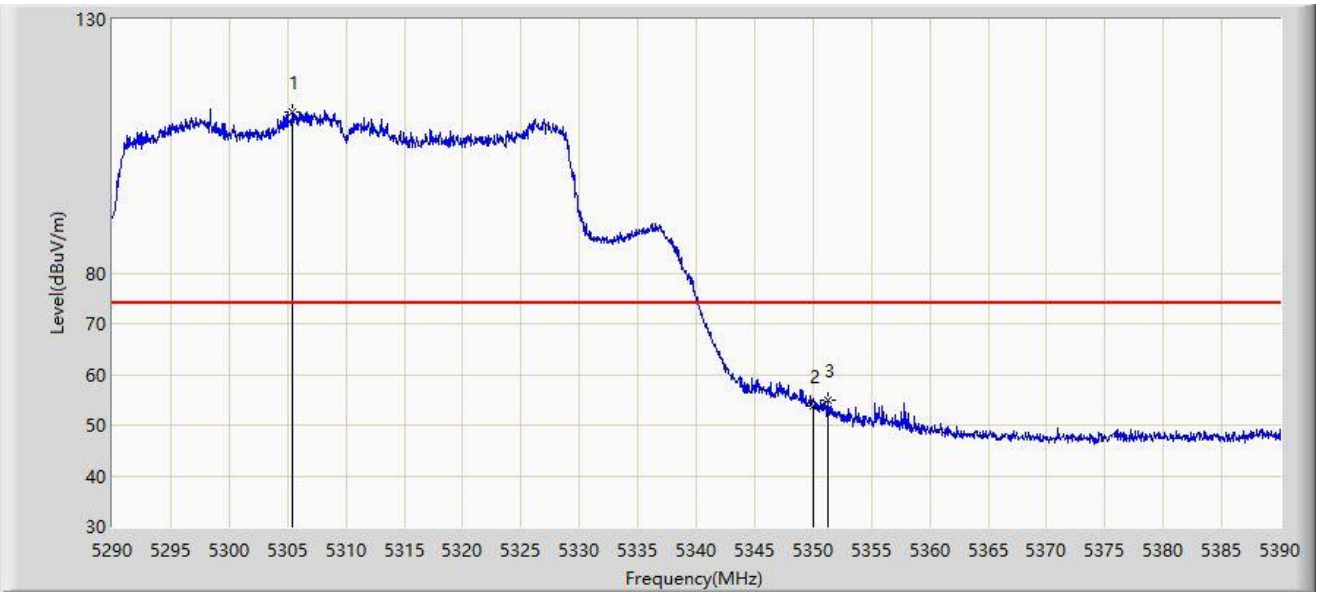
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5305.950	101.784	58.826	N/A	N/A	42.958	AV
2	*	5350.000	43.519	39.415	-10.481	54.000	4.104	AV

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



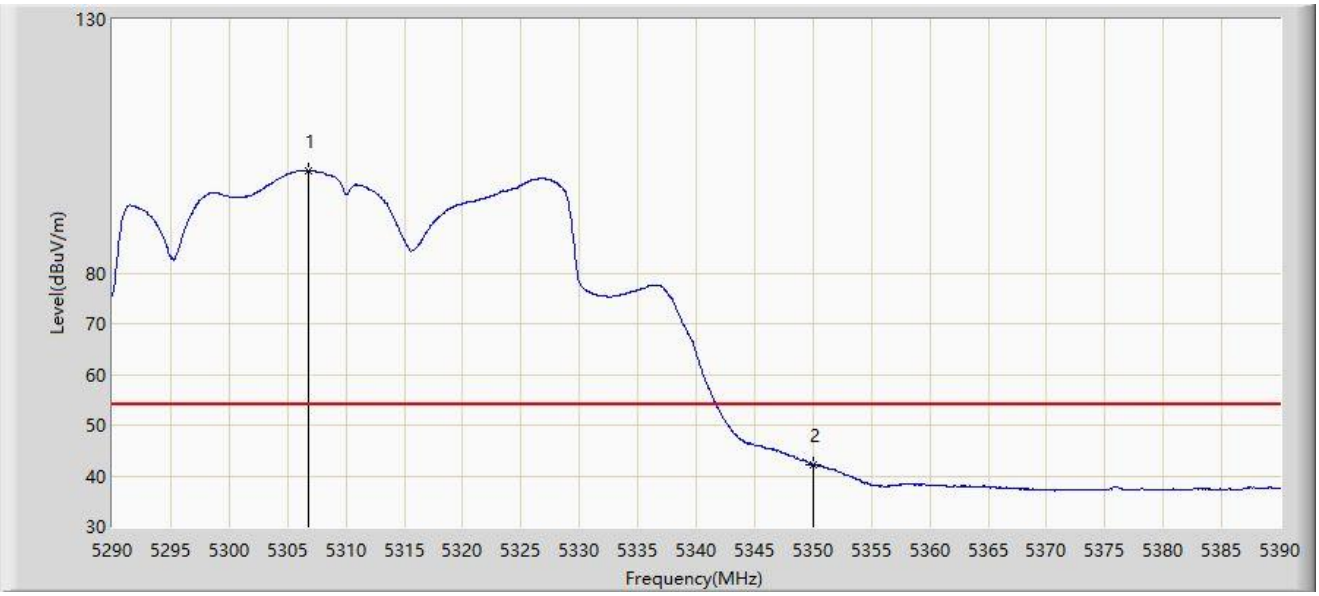
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5305.400	111.756	68.873	N/A	N/A	42.883	PK
2		5350.000	53.861	49.757	-20.139	74.000	4.104	PK
3	*	5351.300	55.064	51.502	-18.936	74.000	3.562	PK

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: 2023-10-20
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



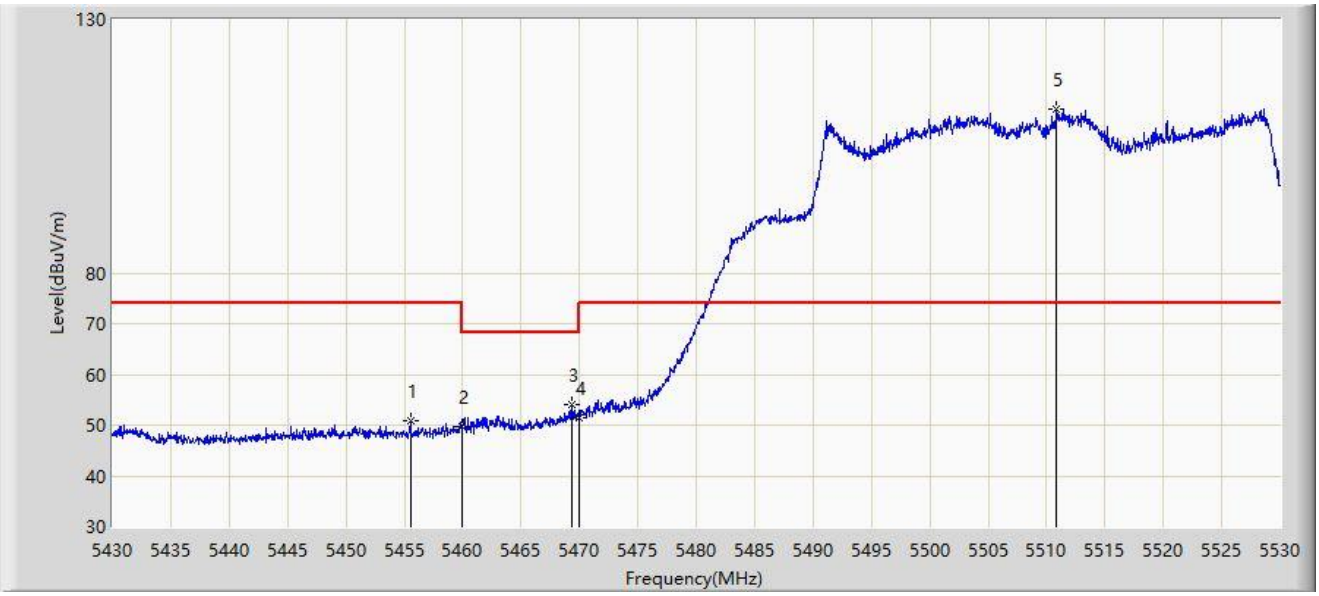
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5306.750	100.215	56.936	N/A	N/A	43.279	AV
2	*	5350.000	42.270	38.166	-11.730	54.000	4.104	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



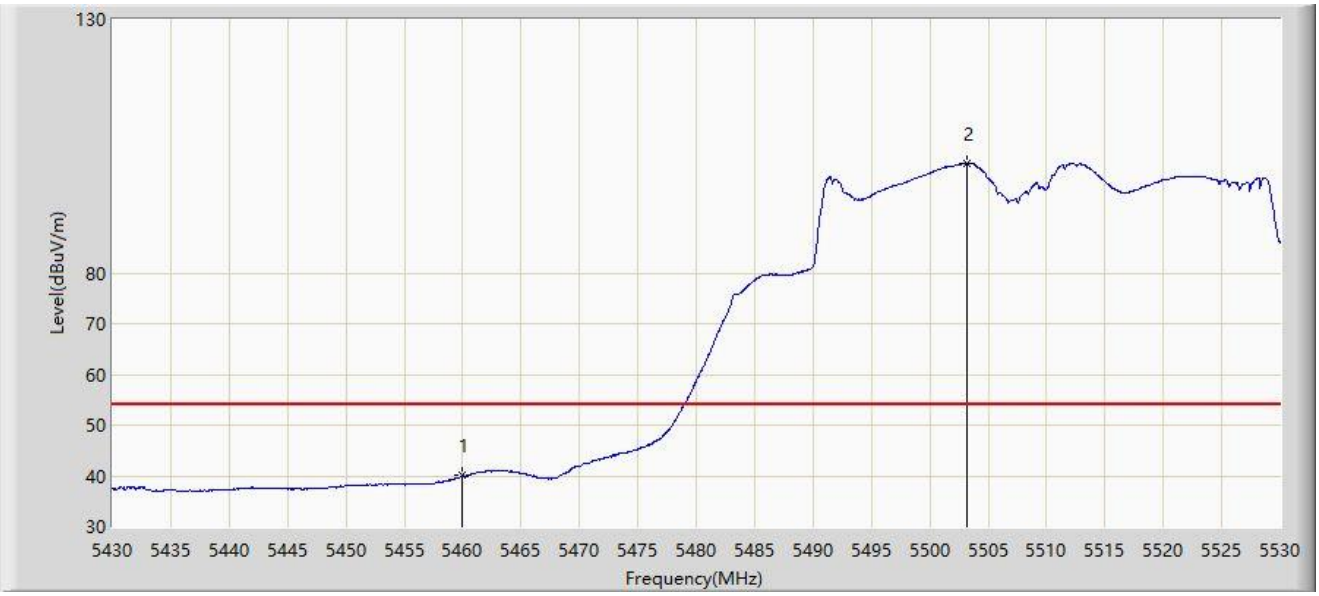
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5455.550	50.745	54.415	-23.255	74.000	-3.670	PK
2		5460.000	49.645	52.988	-18.555	68.200	-3.343	PK
3	*	5469.400	54.026	55.815	-14.174	68.200	-1.789	PK
4		5470.000	51.582	53.192	-16.618	68.200	-1.610	PK
5		5510.850	112.362	72.840	N/A	N/A	39.522	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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



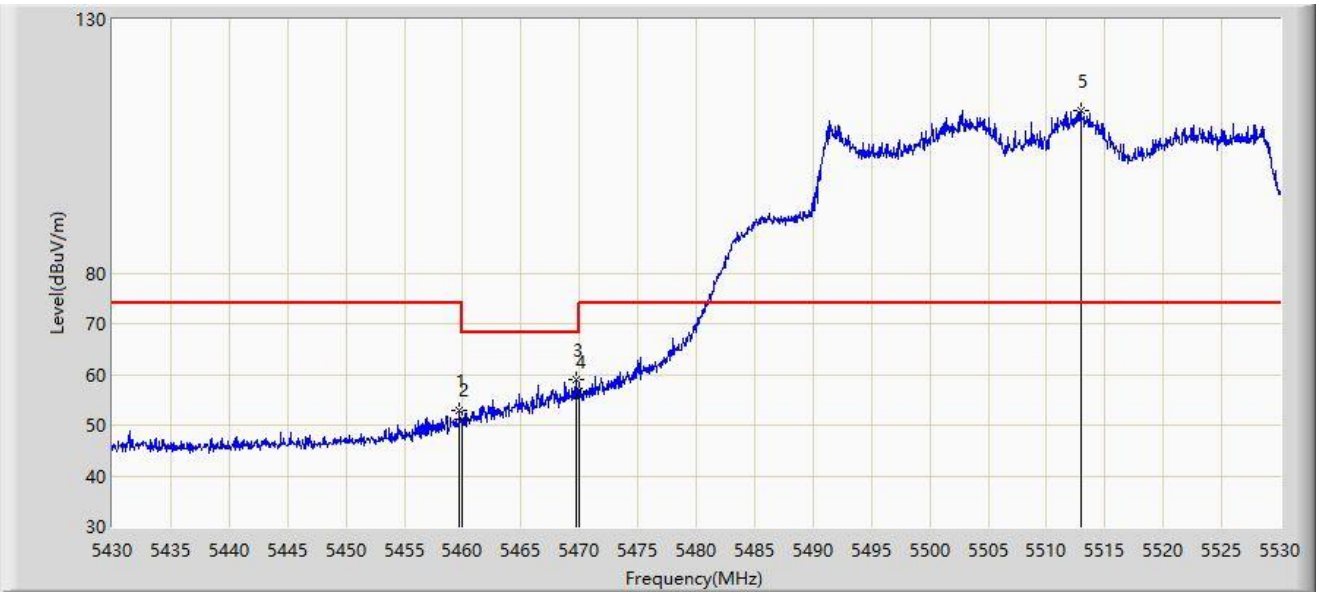
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5460.000	40.017	43.360	-13.983	54.000	-3.343	AV
2		5503.200	101.627	59.090	N/A	N/A	42.537	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



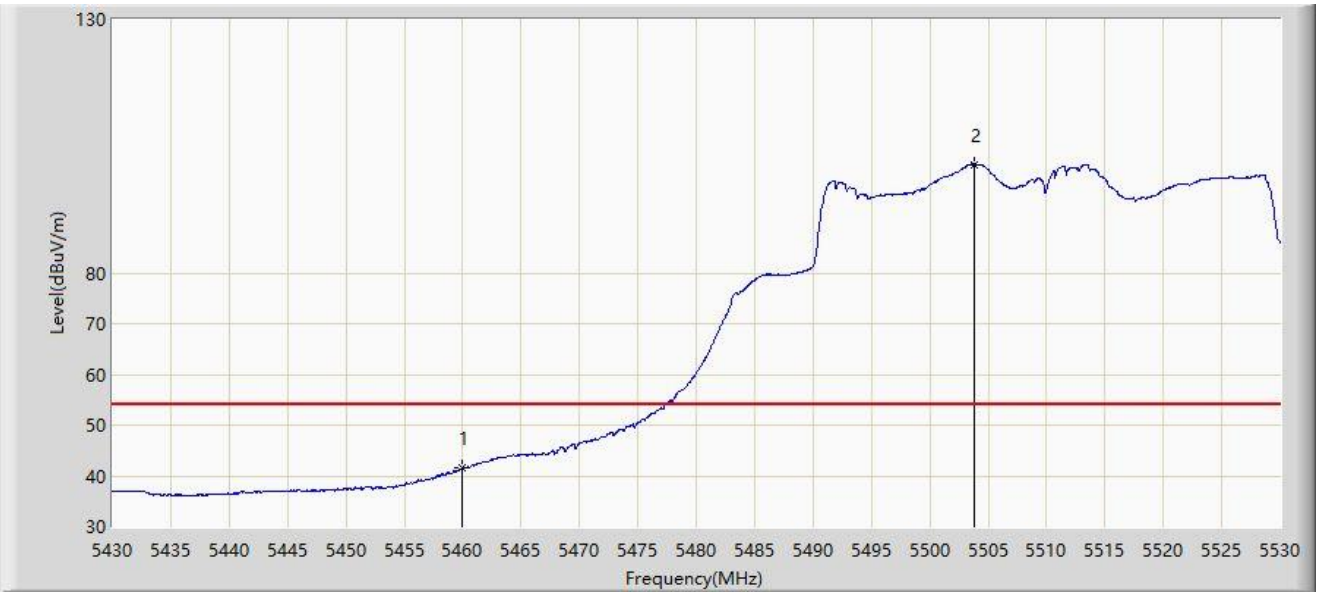
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5459.750	52.905	56.283	-21.095	74.000	-3.377	PK
2		5460.000	51.224	54.567	-16.976	68.200	-3.343	PK
3	*	5469.750	58.983	60.679	-9.217	68.200	-1.696	PK
4		5470.000	56.637	58.247	-11.563	68.200	-1.610	PK
5		5512.900	111.972	70.602	N/A	N/A	41.371	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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



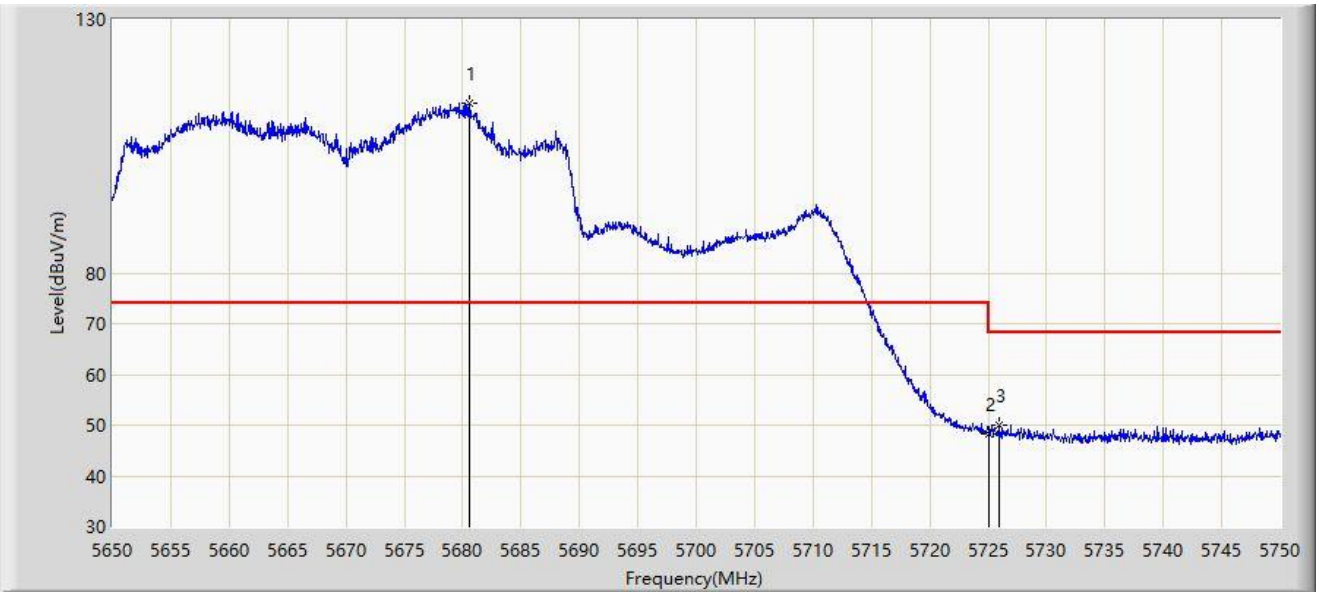
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5460.000	41.482	44.825	-12.518	54.000	-3.343	AV
2		5503.800	101.373	57.947	N/A	N/A	43.426	AV

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



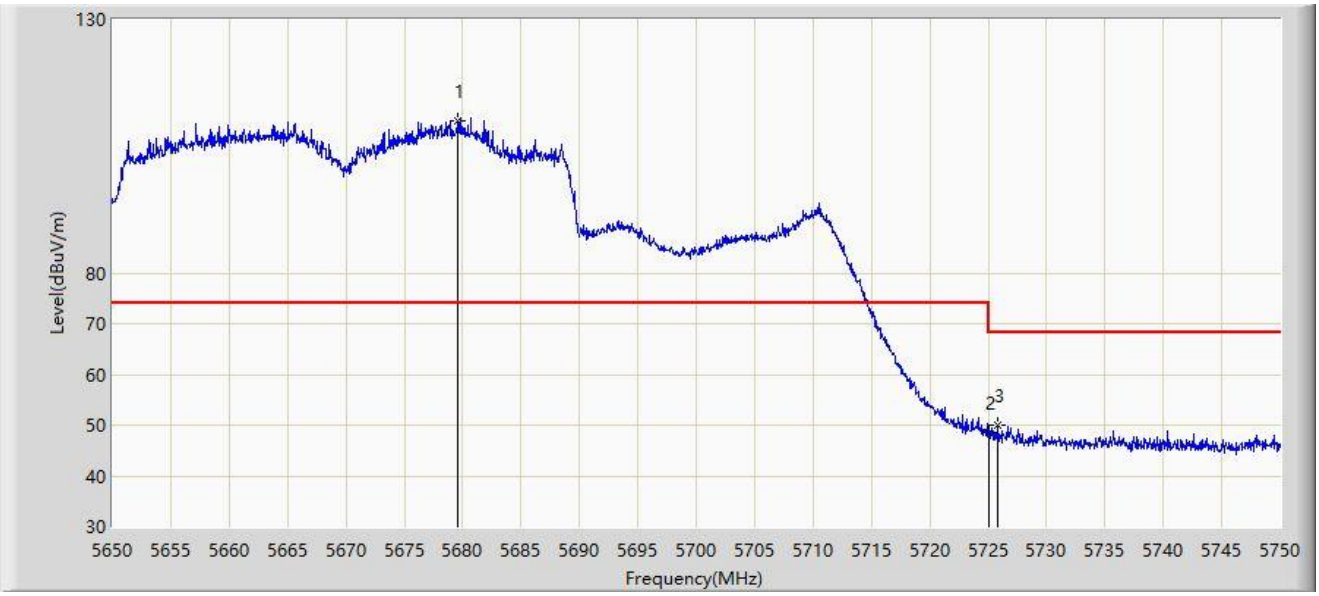
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5680.550	113.620	69.548	N/A	N/A	44.072	PK
2		5725.000	48.382	50.217	-19.818	68.200	-1.836	PK
3	*	5725.950	49.997	52.365	-18.203	68.200	-2.369	PK

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: 2023-10-21
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



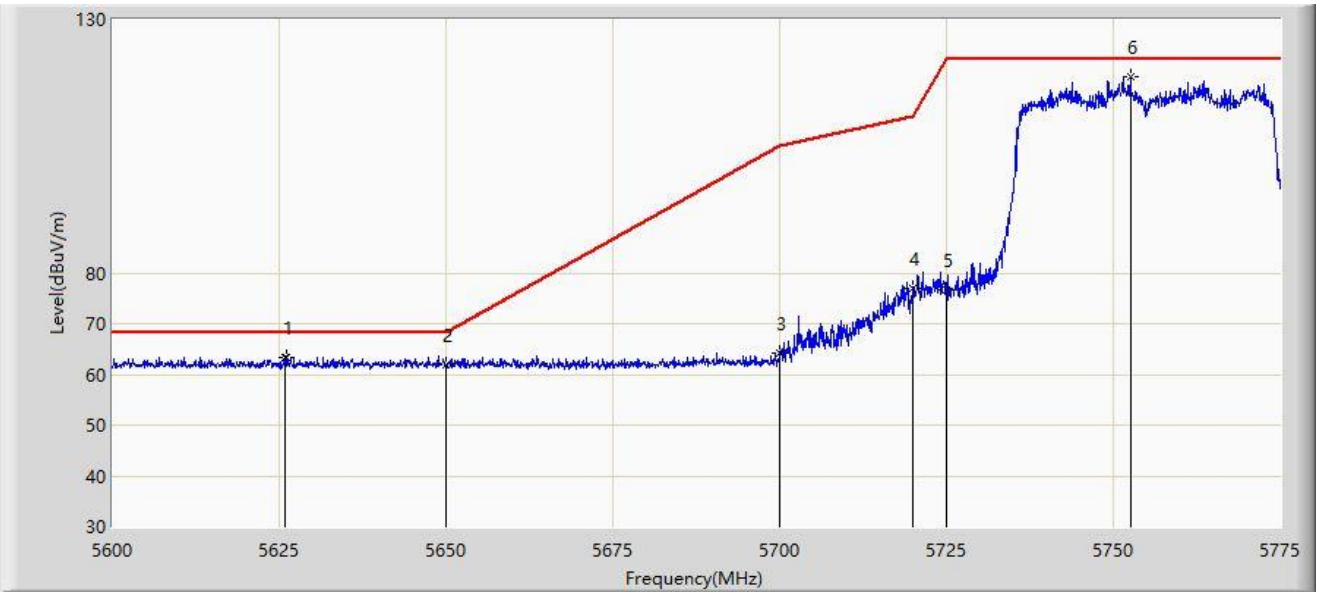
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5679.600	110.030	67.258	N/A	N/A	42.773	PK
2		5725.000	48.560	50.395	-19.640	68.200	-1.836	PK
3	*	5725.850	50.127	52.438	-18.073	68.200	-2.311	PK

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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



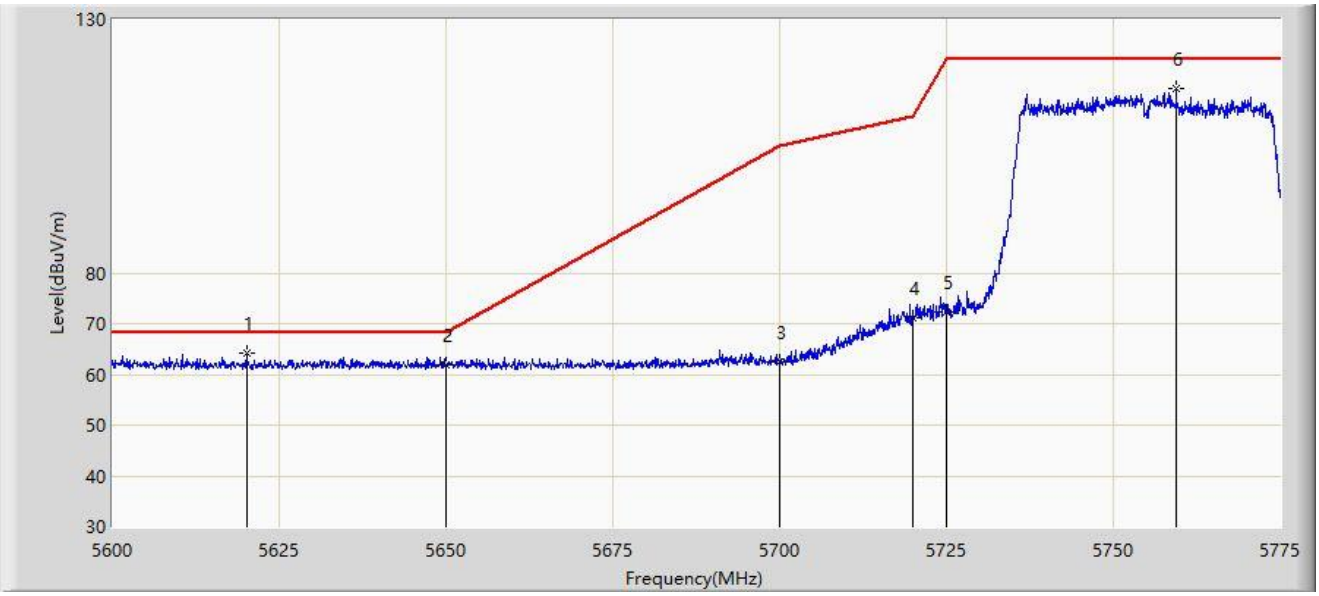
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5625.987	63.422	70.703	-4.778	68.200	-7.281	PK
2		5650.000	61.838	69.158	-6.362	68.200	-7.319	PK
3		5700.000	64.270	71.444	-40.930	105.200	-7.174	PK
4		5720.000	76.891	84.363	-33.909	110.800	-7.472	PK
5		5725.000	76.535	83.996	-45.665	122.200	-7.461	PK
6		5752.600	118.687	126.135	N/A	N/A	-7.448	PK

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

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

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

Site: SIP-AC3	Test Date: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



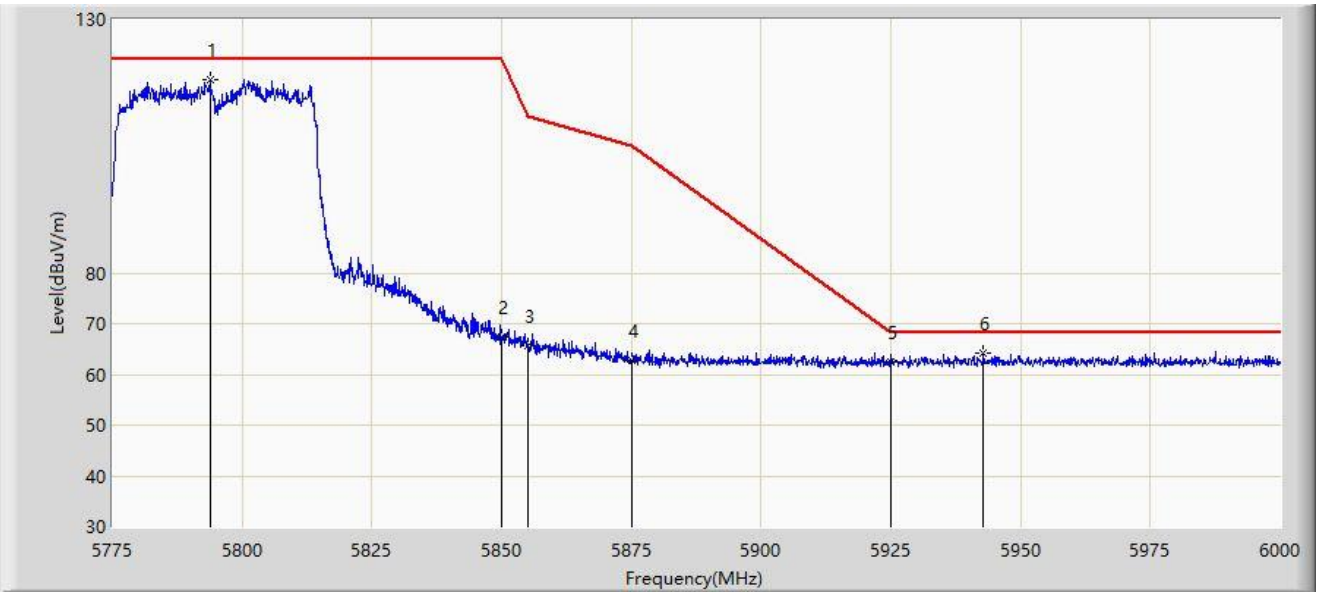
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5620.125	64.058	71.319	-4.142	68.200	-7.260	PK
2		5650.000	61.753	69.073	-6.447	68.200	-7.319	PK
3		5700.000	62.501	69.675	-42.699	105.200	-7.174	PK
4		5720.000	71.173	78.645	-39.627	110.800	-7.472	PK
5		5725.000	72.285	79.746	-49.915	122.200	-7.461	PK
6		5759.425	116.293	123.678	N/A	N/A	-7.385	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: 2023-10-21
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dragonfly Industrial Wireless Access Point	Power: By PoE
Test Mode: Transmit by 802.11ax-HE40 at 5795MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5793.788	118.225	125.658	N/A	N/A	-7.433	PK
2		5850.000	67.395	74.632	-54.805	122.200	-7.237	PK
3		5855.000	65.793	73.011	-45.007	110.800	-7.217	PK
4		5875.000	62.652	70.004	-42.548	105.200	-7.352	PK
5		5925.000	62.583	69.709	-5.617	68.200	-7.126	PK
6	*	5942.850	64.325	71.328	-3.875	68.200	-7.003	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).