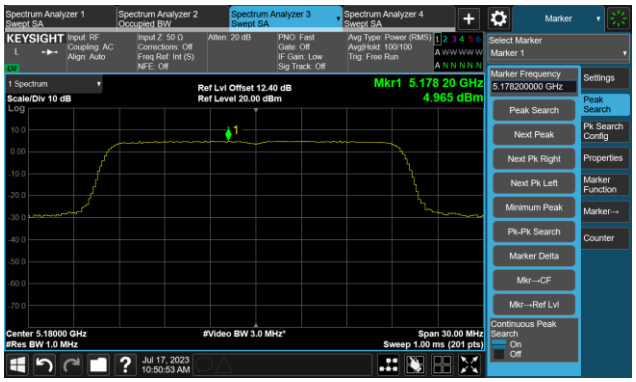
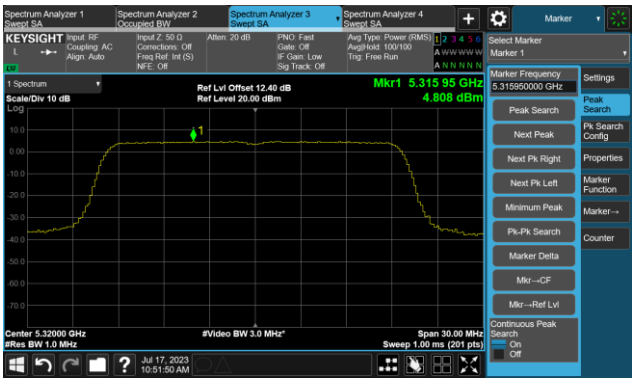
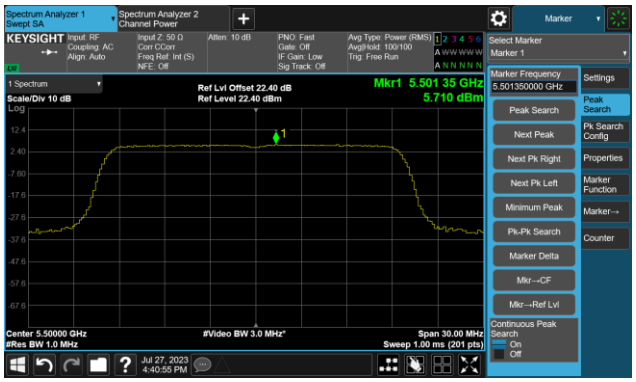
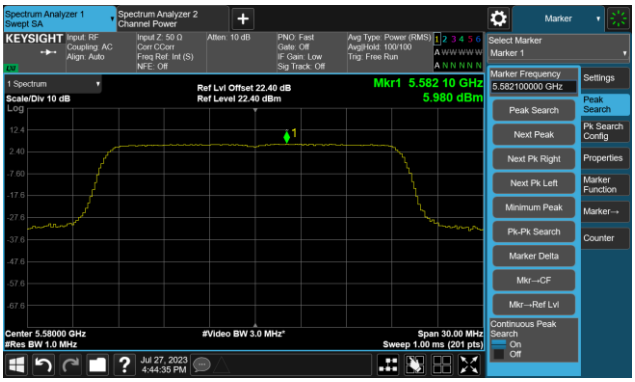
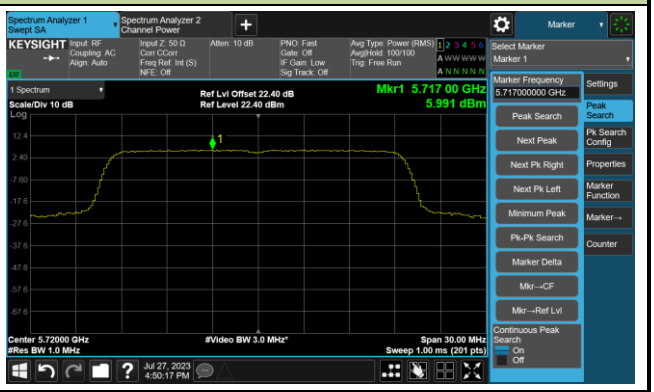
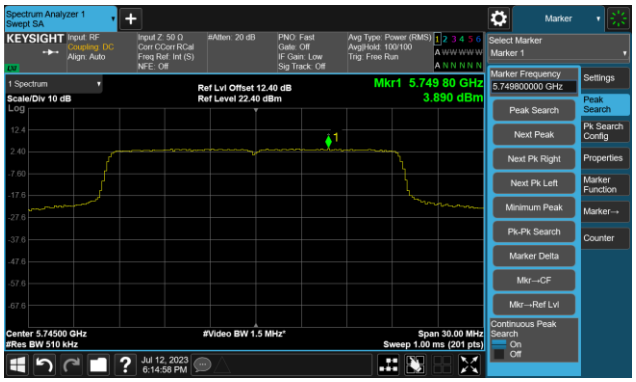
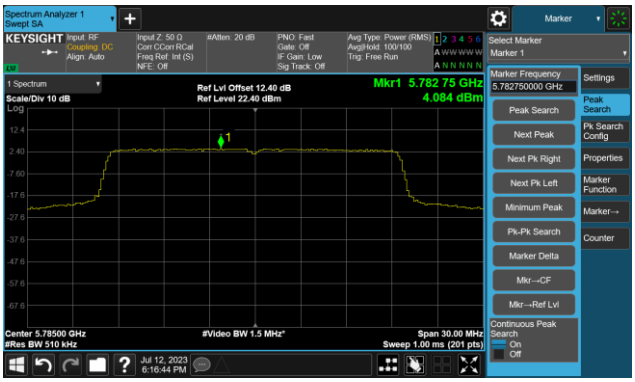
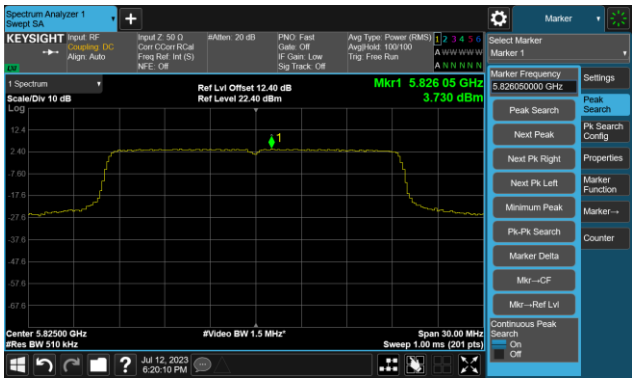
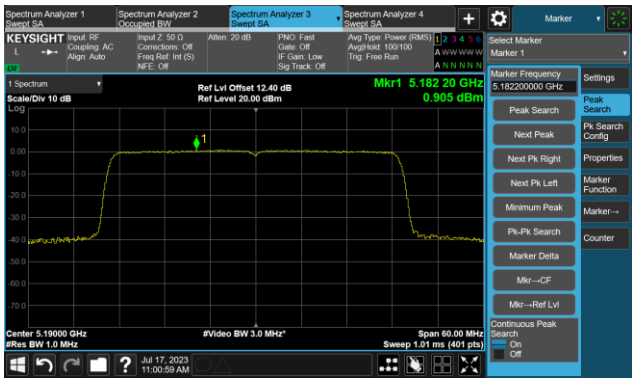
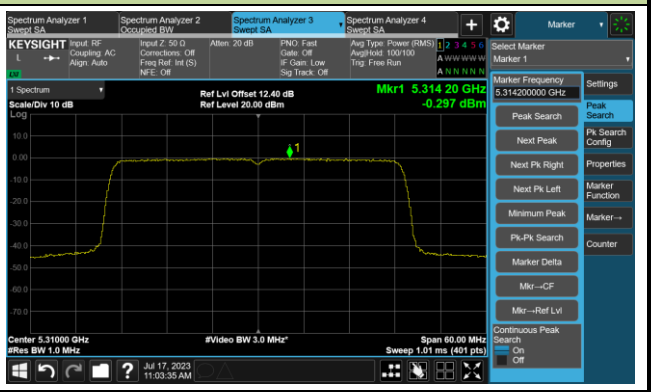
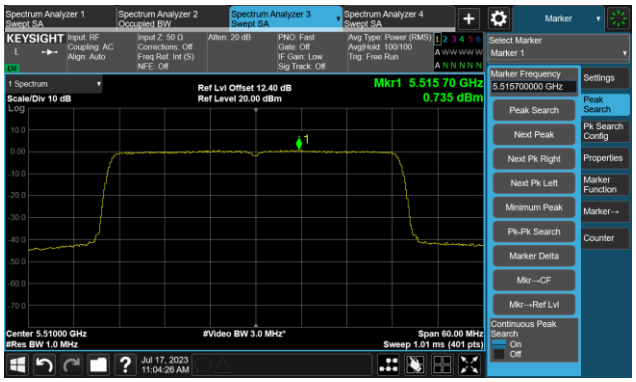
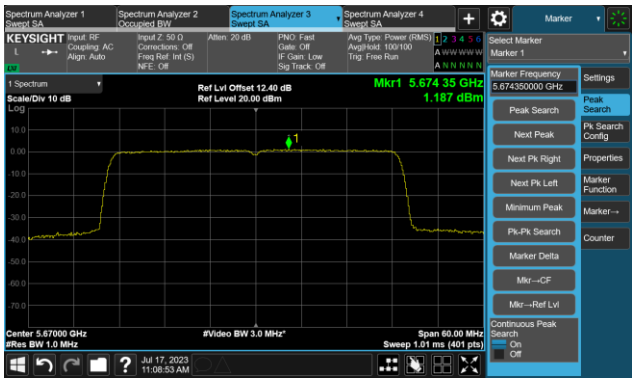
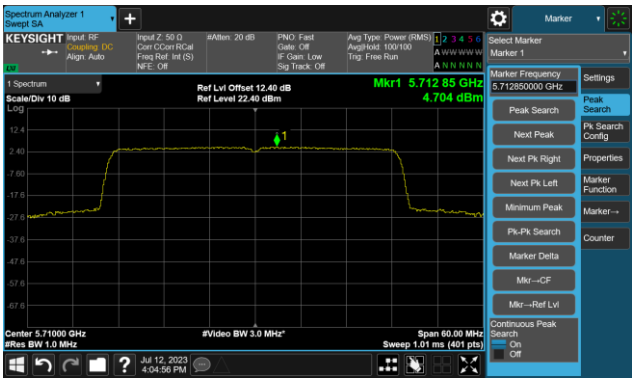
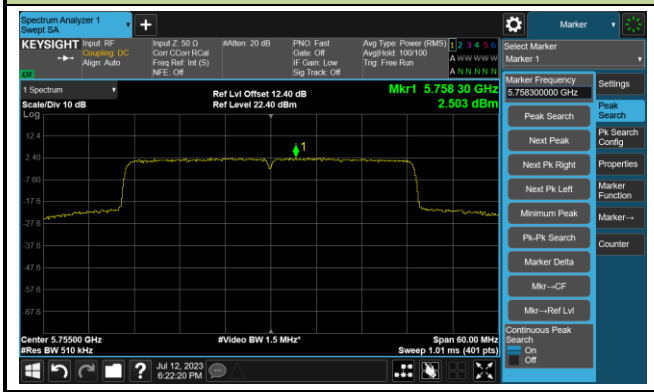
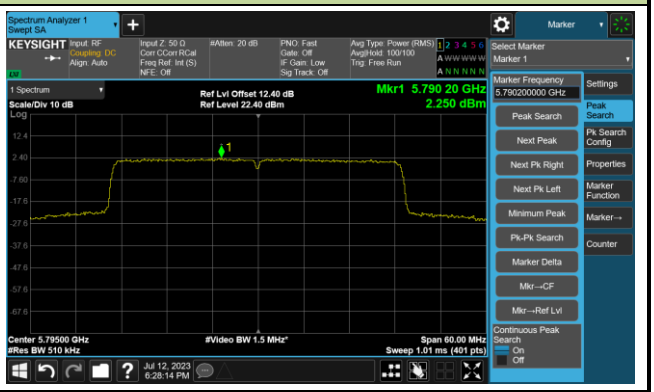
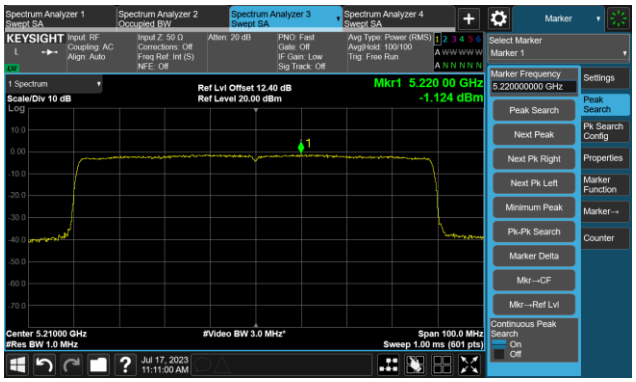
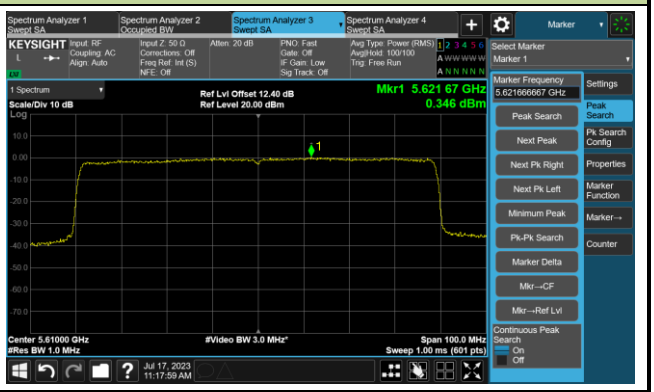
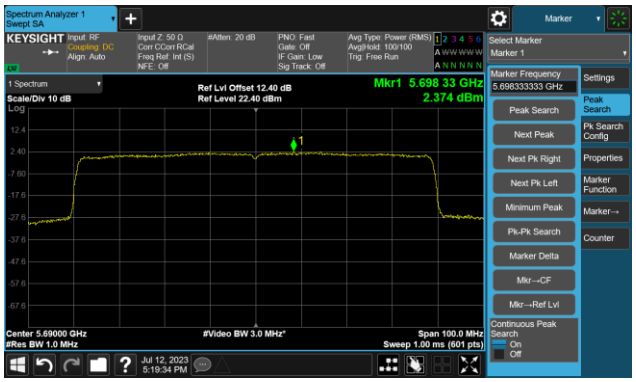
802.11ax-HE20 Power Spectral Density- Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	

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

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

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

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

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

A.6 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Luis Yang
Test Date	2023-07-19	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	49.49	49.20	49.20	49.14
		- 20	50.25	50.25	50.30	50.30
		- 10	49.67	50.01	49.96	49.90
		0	45.15	45.25	45.30	45.34
		+ 10	39.60	39.70	39.75	39.89
		+ 20	37.05	38.16	37.82	37.63
		+ 30	35.31	34.92	34.83	34.73
		+ 40	30.73	30.73	30.87	30.87
		+ 50	28.17	28.17	27.83	28.17
115	138	+ 20	33.86	33.81	33.81	33.75
85	102	+ 20	34.15	34.04	33.92	33.86

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10^6.

A.7 Radiated Spurious Emission Test Result

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10078.0	34.4	13.2	47.6	68.2	-20.6	Peak	Horizontal
	11285.0	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
*	14132.5	36.2	14.5	50.7	68.2	-17.5	Peak	Horizontal
	15535.0	38.0	12.4	50.4	74.0	-23.6	Peak	Horizontal
	7332.5	36.9	8.1	45.0	74.0	-29.0	Peak	Vertical
*	9874.0	35.4	13.0	48.4	68.2	-19.8	Peak	Vertical
	11132.0	35.6	12.9	48.5	74.0	-25.5	Peak	Vertical
*	14124.0	35.8	14.5	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9814.5	35.2	13.2	48.4	68.2	-19.8	Peak	Horizontal
	10894.0	35.2	13.6	48.8	74.0	-25.2	Peak	Horizontal
*	14073.0	35.6	14.6	50.2	68.2	-18.0	Peak	Horizontal
	15654.0	40.6	12.2	52.8	74.0	-21.2	Peak	Horizontal
	15654.0	32.2	12.2	44.4	54.0	-9.6	AV	Horizontal
*	9942.0	33.0	12.8	45.8	68.2	-22.4	Peak	Vertical
	11217.0	36.5	12.5	49.0	74.0	-25.0	Peak	Vertical
*	13792.5	32.4	14.0	46.4	68.2	-21.8	Peak	Vertical
	15662.5	37.2	12.1	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10282.0	34.5	13.5	48.0	68.2	-20.2	Peak	Horizontal
	11497.5	35.8	13.1	48.9	74.0	-25.1	Peak	Horizontal
*	13869.0	34.7	14.3	49.0	68.2	-19.2	Peak	Horizontal
	15713.5	40.8	11.9	52.7	74.0	-21.3	Peak	Horizontal
	15713.5	30.3	11.9	42.2	54.0	-11.8	AV	Horizontal
*	9899.5	33.1	13.0	46.1	68.2	-22.1	Peak	Vertical
	11540.0	36.4	12.8	49.2	74.0	-24.8	Peak	Vertical
*	13546.0	33.4	13.4	46.8	68.2	-21.4	Peak	Vertical
	15713.5	40.8	11.9	52.7	74.0	-21.3	Peak	Vertical
	15713.5	25.8	11.9	37.7	54.0	-16.3	AV	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10307.5	35.4	13.3	48.7	68.2	-19.5	Peak	Horizontal
	11429.5	35.4	13.0	48.4	74.0	-25.6	Peak	Horizontal
*	14192.0	35.2	14.8	50.0	68.2	-18.2	Peak	Horizontal
	15781.5	41.4	11.8	53.2	74.0	-20.8	Peak	Horizontal
	15781.5	29.6	11.8	41.4	54.0	-12.6	AV	Horizontal
*	10307.5	34.0	13.3	47.3	68.2	-20.9	Peak	Vertical
	11599.5	36.2	12.6	48.8	74.0	-25.2	Peak	Vertical
	12228.5	35.9	12.2	48.1	74.0	-25.9	Peak	Vertical
*	13911.5	33.5	14.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	8046.5	35.8	9.2	45.0	74.0	-29.0	Peak	Horizontal
*	9704.0	34.2	12.9	47.1	68.2	-21.1	Peak	Horizontal
	11038.5	35.3	13.7	49.0	74.0	-25.0	Peak	Horizontal
*	14464.0	35.9	15.1	51.0	68.2	-17.2	Peak	Horizontal
	7536.5	37.3	8.4	45.7	74.0	-28.3	Peak	Vertical
*	8709.5	35.9	10.2	46.1	68.2	-22.1	Peak	Vertical
	10851.5	34.5	13.7	48.2	74.0	-25.8	Peak	Vertical
*	14192.0	35.8	14.8	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7366.5	36.5	8.4	44.9	74.0	-29.1	Peak	Horizontal
*	9755.0	34.8	12.9	47.7	68.2	-20.5	Peak	Horizontal
	10911.0	35.0	13.6	48.6	74.0	-25.4	Peak	Horizontal
*	14438.5	37.0	14.9	51.9	68.2	-16.3	Peak	Horizontal
	7375.0	36.1	8.5	44.6	74.0	-29.4	Peak	Vertical
*	9738.0	34.3	13.0	47.3	68.2	-20.9	Peak	Vertical
*	10384.0	34.8	13.7	48.5	68.2	-19.7	Peak	Vertical
	14481.0	35.4	15.2	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7536.5	36.2	8.4	44.6	74.0	-29.4	Peak	Horizontal
*	9678.5	35.0	12.8	47.8	68.2	-20.4	Peak	Horizontal
	10885.5	34.9	13.6	48.5	74.0	-25.5	Peak	Horizontal
*	14617.0	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
	7451.5	36.9	8.5	45.4	74.0	-28.6	Peak	Vertical
*	9695.5	35.5	12.8	48.3	68.2	-19.9	Peak	Vertical
	11021.5	34.8	13.6	48.4	74.0	-25.6	Peak	Vertical
*	14039.0	36.1	14.1	50.2	68.2	-18.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7400.5	36.1	8.3	44.4	74.0	-29.6	Peak	Horizontal
*	9840.0	34.5	13.0	47.5	68.2	-20.7	Peak	Horizontal
	11132.0	35.1	12.9	48.0	74.0	-26.0	Peak	Horizontal
*	14608.5	35.0	15.1	50.1	68.2	-18.1	Peak	Horizontal
	7477.0	36.9	8.5	45.4	74.0	-28.6	Peak	Vertical
*	9721.0	34.7	12.9	47.6	68.2	-20.6	Peak	Vertical
	10979.0	35.1	13.6	48.7	74.0	-25.3	Peak	Vertical
*	16733.5	37.7	14.7	52.4	68.2	-15.8	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7281.5	36.8	8.4	45.2	74.0	-28.8	Peak	Horizontal
*	9797.5	34.9	13.2	48.1	68.2	-20.1	Peak	Horizontal
	10936.5	34.7	13.8	48.5	74.0	-25.5	Peak	Horizontal
*	14073.0	36.0	14.6	50.6	68.2	-17.6	Peak	Horizontal
	7477.0	36.7	8.5	45.2	74.0	-28.8	Peak	Vertical
*	10562.5	34.6	13.7	48.3	68.2	-19.9	Peak	Vertical
	12101.0	36.2	12.1	48.3	74.0	-25.7	Peak	Vertical
*	14583.0	35.9	15.4	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7579.0	36.7	8.2	44.9	74.0	-29.1	Peak	Horizontal
	10987.5	34.9	13.8	48.7	74.0	-25.3	Peak	Horizontal
*	14591.5	35.2	15.3	50.5	68.2	-17.7	Peak	Horizontal
*	17167.0	40.0	15.1	55.1	68.2	-13.1	Peak	Horizontal
	7298.5	36.7	8.3	45.0	74.0	-29.0	Peak	Vertical
*	10579.5	35.4	13.9	49.3	68.2	-18.9	Peak	Vertical
	12169.0	36.0	12.3	48.3	74.0	-25.7	Peak	Vertical
*	13733.0	36.5	14.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	11973.5	36.6	11.8	48.4	74.0	-25.6	Peak	Horizontal
*	13716.0	36.1	12.2	48.3	68.2	-19.9	Peak	Horizontal
	15841.0	36.2	14.2	50.4	74.0	-23.6	Peak	Horizontal
*	17235.0	37.8	15.8	53.6	68.2	-14.6	Peak	Horizontal
	12016.0	36.1	11.9	48.0	74.0	-26.0	Peak	Vertical
*	13784.0	35.3	12.3	47.6	68.2	-20.6	Peak	Vertical
	15713.5	35.2	13.9	49.1	74.0	-24.9	Peak	Vertical
*	16776.0	36.5	16.2	52.7	68.2	-15.5	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	12058.5	37.2	11.9	49.1	74.0	-24.9	Peak	Horizontal
*	13733.0	35.7	12.2	47.9	68.2	-20.3	Peak	Horizontal
	15722.0	37.4	13.9	51.3	74.0	-22.7	Peak	Horizontal
	15722.0	24.4	13.9	38.3	54.0	-15.7	AV	Horizontal
*	17082.0	36.9	16.3	53.2	68.2	-15.0	Peak	Horizontal
	12024.5	36.4	12.0	48.4	74.0	-25.6	Peak	Vertical
*	13869.0	35.4	12.3	47.7	68.2	-20.5	Peak	Vertical
	15951.5	37.2	14.5	51.7	74.0	-22.3	Peak	Vertical
	15951.5	24.2	14.5	38.7	54.0	-15.3	AV	Vertical
*	17005.5	37.4	16.0	53.4	68.2	-14.8	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	11047.0	36.6	11.7	48.3	74.0	-25.7	Peak	Horizontal
*	13860.5	35.0	12.2	47.2	68.2	-21.0	Peak	Horizontal
	15594.5	35.3	14.0	49.3	74.0	-24.7	Peak	Horizontal
*	16946.0	37.2	16.1	53.3	68.2	-14.9	Peak	Horizontal
	11701.5	36.0	11.3	47.3	74.0	-26.7	Peak	Vertical
*	14005.0	36.3	12.1	48.4	68.2	-19.8	Peak	Vertical
	15705.0	36.1	13.9	50.0	74.0	-24.0	Peak	Vertical
*	17014.0	37.2	16.1	53.3	68.2	-14.9	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10146.0	35.1	13.2	48.3	68.2	-19.9	Peak	Horizontal
	11616.5	36.4	12.4	48.8	74.0	-25.2	Peak	Horizontal
*	14557.5	36.7	14.9	51.6	68.2	-16.6	Peak	Horizontal
	15543.5	39.1	12.3	51.4	74.0	-22.6	Peak	Horizontal
	15543.5	28.1	12.3	40.4	54.0	-13.6	AV	Horizontal
*	9899.5	34.5	13.0	47.5	68.2	-20.7	Peak	Vertical
	11047.0	36.3	13.8	50.1	74.0	-23.9	Peak	Vertical
	12347.5	36.0	12.3	48.3	74.0	-25.7	Peak	Vertical
*	13877.5	35.1	14.2	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10120.5	34.6	13.2	47.8	68.2	-20.4	Peak	Horizontal
	11557.0	36.3	12.7	49.0	74.0	-25.0	Peak	Horizontal
*	13852.0	33.7	14.0	47.7	68.2	-20.5	Peak	Horizontal
	15662.5	44.4	12.1	56.5	74.0	-17.5	Peak	Horizontal
	15662.5	30.8	12.1	42.9	54.0	-11.1	AV	Horizontal
*	10435.0	35.7	13.7	49.4	68.2	-18.8	Peak	Vertical
	11531.5	36.8	12.8	49.6	74.0	-24.4	Peak	Vertical
*	15195.0	37.9	13.8	51.7	68.2	-16.5	Peak	Vertical
	15654.0	40.3	12.2	52.5	74.0	-21.5	Peak	Vertical
	15654.0	28.4	12.2	40.6	54.0	-13.4	AV	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9967.5	36.0	12.9	48.9	68.2	-19.3	Peak	Horizontal
	10877.0	36.3	13.5	49.8	74.0	-24.2	Peak	Horizontal
*	14158.0	35.2	14.6	49.8	68.2	-18.4	Peak	Horizontal
	15713.5	45.3	11.9	57.2	74.0	-16.8	Peak	Horizontal
	15713.5	33.0	11.9	44.9	54.0	-9.1	AV	Horizontal
*	10154.5	35.1	13.1	48.2	68.2	-20.0	Peak	Vertical
	10911.0	35.5	13.6	49.1	74.0	-24.9	Peak	Vertical
*	14795.5	35.4	14.8	50.2	68.2	-18.0	Peak	Vertical
	15722.0	39.7	11.9	51.6	74.0	-22.4	Peak	Vertical
	15722.0	29.3	11.9	41.2	54.0	-12.8	AV	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10545.5	35.7	13.8	49.5	68.2	-18.7	Peak	Horizontal
	11455.0	36.4	12.9	49.3	74.0	-24.7	Peak	Horizontal
*	14251.5	35.1	14.7	49.8	68.2	-18.4	Peak	Horizontal
	15764.5	49.8	11.8	61.6	74.0	-12.4	Peak	Horizontal
	15764.5	36.4	11.8	48.2	54.0	-5.8	AV	Horizontal
*	10307.5	35.1	13.3	48.4	68.2	-19.8	Peak	Vertical
	11200.0	36.6	12.8	49.4	74.0	-24.6	Peak	Vertical
*	14005.0	35.0	14.2	49.2	68.2	-19.0	Peak	Vertical
	15733.0	32.8	12.1	44.9	54.0	-9.1	AV	Vertical
	15733.0	42.3	11.9	54.2	74.0	-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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9865.5	35.5	12.9	48.4	68.2	-19.8	Peak	Horizontal
	11616.5	36.4	12.4	48.8	74.0	-25.2	Peak	Horizontal
*	14175.0	35.3	14.8	50.1	68.2	-18.1	Peak	Horizontal
	15892.0	41.0	11.9	52.9	74.0	-21.1	Peak	Horizontal
	15892.0	31.5	11.9	43.4	54.0	-10.6	AV	Horizontal
*	10120.5	34.8	13.2	48.0	68.2	-20.2	Peak	Vertical
	11021.5	35.7	13.6	49.3	74.0	-24.7	Peak	Vertical
*	14608.5	35.0	15.1	50.1	68.2	-18.1	Peak	Vertical
	15900.5	37.6	11.7	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10350.0	34.2	13.6	47.8	68.2	-20.4	Peak	Horizontal
	11591.0	37.2	12.5	49.7	74.0	-24.3	Peak	Horizontal
*	14855.0	35.8	14.9	50.7	68.2	-17.5	Peak	Horizontal
	15951.5	36.6	12.0	48.6	74.0	-25.4	Peak	Horizontal
*	9789.0	35.0	13.1	48.1	68.2	-20.1	Peak	Vertical
	11021.5	36.0	13.6	49.6	74.0	-24.4	Peak	Vertical
	12279.5	35.6	12.2	47.8	74.0	-26.2	Peak	Vertical
*	15059.0	35.6	14.4	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10171.5	35.1	13.3	48.4	68.2	-19.8	Peak	Horizontal
	11489.0	36.2	13.2	49.4	74.0	-24.6	Peak	Horizontal
	12118.0	35.2	12.3	47.5	74.0	-26.5	Peak	Horizontal
*	14132.5	35.0	14.5	49.5	68.2	-18.7	Peak	Horizontal
*	10163.0	33.5	13.1	46.6	68.2	-21.6	Peak	Vertical
	11021.5	35.9	13.6	49.5	74.0	-24.5	Peak	Vertical
	12041.5	35.6	12.3	47.9	74.0	-26.1	Peak	Vertical
*	13852.0	33.6	14.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10171.5	33.6	13.3	46.9	68.2	-21.3	Peak	Horizontal
	11047.0	35.5	13.8	49.3	74.0	-24.7	Peak	Horizontal
	12024.5	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	16750.5	45.0	14.7	59.7	68.2	-8.5	Peak	Horizontal
*	10120.5	33.5	13.2	46.7	68.2	-21.5	Peak	Vertical
	11438.0	35.9	13.1	49.0	74.0	-25.0	Peak	Vertical
	12313.5	36.0	12.2	48.2	74.0	-25.8	Peak	Vertical
*	16742.0	39.4	14.9	54.3	68.2	-13.9	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10120.5	34.1	13.2	47.3	68.2	-20.9	Peak	Horizontal
	10996.0	35.3	13.9	49.2	74.0	-24.8	Peak	Horizontal
	12169.0	35.9	12.3	48.2	74.0	-25.8	Peak	Horizontal
*	17099.0	38.2	15.0	53.2	68.2	-15.0	Peak	Horizontal
*	10137.5	34.1	13.2	47.3	68.2	-20.9	Peak	Vertical
	10996.0	35.6	13.9	49.5	74.0	-24.5	Peak	Vertical
	12245.5	35.8	12.1	47.9	74.0	-26.1	Peak	Vertical
*	14081.5	35.2	14.8	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	9126.0	35.3	9.4	44.7	74.0	-29.3	Peak	Horizontal
	11429.5	36.9	11.4	48.3	74.0	-25.7	Peak	Horizontal
*	13792.5	36.8	12.1	48.9	68.2	-19.3	Peak	Horizontal
*	16886.5	37.5	16.1	53.6	68.2	-14.6	Peak	Horizontal
	8395.0	36.0	8.3	44.3	74.0	-29.7	Peak	Vertical
	11820.5	37.0	11.5	48.5	74.0	-25.5	Peak	Vertical
*	14073.0	36.4	12.5	48.9	68.2	-19.3	Peak	Vertical
*	16844.0	37.2	16.5	53.7	68.2	-14.5	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	11370.0	36.5	10.9	47.4	74.0	-26.6	Peak	Horizontal
*	13988.0	35.2	12.2	47.4	68.2	-20.8	Peak	Horizontal
	15611.5	34.5	13.7	48.2	74.0	-25.8	Peak	Horizontal
*	16725.0	36.6	16.0	52.6	68.2	-15.6	Peak	Horizontal
	11472.0	37.0	11.2	48.2	74.0	-25.8	Peak	Vertical
*	13707.5	36.7	12.1	48.8	68.2	-19.4	Peak	Vertical
	15688.0	36.2	14.0	50.2	74.0	-23.8	Peak	Vertical
*	16886.5	36.7	16.1	52.8	68.2	-15.4	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10341.5	34.9	13.6	48.5	68.2	-19.7	Peak	Horizontal
	11514.5	36.4	13.0	49.4	74.0	-24.6	Peak	Horizontal
	12194.5	35.8	12.0	47.8	74.0	-26.2	Peak	Horizontal
*	17354.0	46.7	15.8	62.5	68.2	-5.7	Peak	Horizontal
*	10171.5	35.9	13.3	49.2	68.2	-19.0	Peak	Vertical
	11446.5	35.4	13.0	48.4	74.0	-25.6	Peak	Vertical
	12373.0	35.5	12.2	47.7	74.0	-26.3	Peak	Vertical
*	17345.5	40.9	15.9	56.8	68.2	-11.4	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10078.0	34.2	13.2	47.4	68.2	-20.8	Peak	Horizontal
	11463.5	36.0	12.9	48.9	74.0	-25.1	Peak	Horizontal
	12135.0	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	17481.5	43.1	17.0	60.1	68.2	-8.1	Peak	Horizontal
*	10078.0	33.9	13.2	47.1	68.2	-21.1	Peak	Vertical
	10877.0	33.0	13.5	46.5	74.0	-27.5	Peak	Vertical
	11897.0	33.9	12.0	45.9	74.0	-28.1	Peak	Vertical
*	17473.0	39.9	16.9	56.8	68.2	-11.4	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9891.0	35.0	13.1	48.1	68.2	-20.1	Peak	Horizontal
	11013.0	35.8	13.8	49.6	74.0	-24.4	Peak	Horizontal
	12262.5	36.3	12.3	48.6	74.0	-25.4	Peak	Horizontal
*	14081.5	34.8	14.8	49.6	68.2	-18.6	Peak	Horizontal
*	9848.5	33.2	12.9	46.1	68.2	-22.1	Peak	Vertical
	10945.0	35.4	13.7	49.1	74.0	-24.9	Peak	Vertical
	11846.0	35.3	12.1	47.4	74.0	-26.6	Peak	Vertical
*	14149.5	35.0	14.5	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9789.0	35.9	13.1	49.0	68.2	-19.2	Peak	Horizontal
	10724.0	36.9	13.5	50.4	74.0	-23.6	Peak	Horizontal
*	14132.5	36.2	14.5	50.7	68.2	-17.5	Peak	Horizontal
	15688.0	40.6	12.1	52.7	74.0	-21.3	Peak	Horizontal
	15688.0	25.0	12.1	37.1	54.0	-16.9	AV	Horizontal
*	9636.0	35.8	12.5	48.3	68.2	-19.9	Peak	Vertical
	10885.5	36.5	13.6	50.1	74.0	-23.9	Peak	Vertical
	11506.0	36.2	13.0	49.2	74.0	-24.8	Peak	Vertical
*	14948.5	37.2	14.8	52.0	68.2	-16.2	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9899.5	35.3	13.0	48.3	68.2	-19.9	Peak	Horizontal
	10996.0	35.6	13.9	49.5	74.0	-24.5	Peak	Horizontal
*	14370.5	36.5	15.0	51.5	68.2	-16.7	Peak	Horizontal
	15824.0	39.6	11.8	51.4	74.0	-22.6	Peak	Horizontal
	15824.0	25.3	11.8	37.1	54.0	-16.9	AV	Horizontal
*	9653.0	35.2	12.7	47.9	68.2	-20.3	Peak	Vertical
	10707.0	35.6	13.9	49.5	74.0	-24.5	Peak	Vertical
	12356.0	36.5	12.4	48.9	74.0	-25.1	Peak	Vertical
*	14617.0	36.0	15.2	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10375.5	35.5	13.6	49.1	68.2	-19.1	Peak	Horizontal
	11013.0	35.1	13.8	48.9	74.0	-25.1	Peak	Horizontal
	12594.0	36.6	11.9	48.5	74.0	-25.5	Peak	Horizontal
*	14923.0	36.3	14.8	51.1	68.2	-17.1	Peak	Horizontal
*	9891.0	35.1	13.1	48.2	68.2	-20.0	Peak	Vertical
	10741.0	35.4	13.7	49.1	74.0	-24.9	Peak	Vertical
*	13520.5	36.6	13.7	50.3	68.2	-17.9	Peak	Vertical
	14489.5	36.3	15.0	51.3	74.0	-22.7	Peak	Vertical
	14489.5	23.6	15.0	38.6	54.0	-15.4	AV	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9763.5	35.6	12.9	48.5	68.2	-19.7	Peak	Horizontal
	10647.5	35.2	14.1	49.3	74.0	-24.7	Peak	Horizontal
	11489.0	35.3	13.2	48.5	74.0	-25.5	Peak	Horizontal
*	14948.5	37.2	14.8	52.0	68.2	-16.2	Peak	Horizontal
*	10112.0	35.7	13.1	48.8	68.2	-19.4	Peak	Vertical
	11047.0	34.8	13.8	48.6	74.0	-25.4	Peak	Vertical
	12169.0	34.9	12.3	47.2	74.0	-26.8	Peak	Vertical
*	14353.5	35.3	14.9	50.2	68.2	-18.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9746.5	35.5	12.9	48.4	68.2	-19.8	Peak	Horizontal
	11132.0	36.0	12.9	48.9	74.0	-25.1	Peak	Horizontal
	12458.0	35.3	12.0	47.3	74.0	-26.7	Peak	Horizontal
*	14132.5	35.6	14.5	50.1	68.2	-18.1	Peak	Horizontal
*	9780.5	34.7	13.0	47.7	68.2	-20.5	Peak	Vertical
	11149.0	35.2	13.3	48.5	74.0	-25.5	Peak	Vertical
	12364.5	35.3	12.3	47.6	74.0	-26.4	Peak	Vertical
*	14387.5	35.8	15.0	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9865.5	35.5	12.9	48.4	68.2	-19.8	Peak	Horizontal
	11013.0	35.5	13.8	49.3	74.0	-24.7	Peak	Horizontal
	12313.5	35.5	12.2	47.7	74.0	-26.3	Peak	Horizontal
*	14132.5	37.1	14.5	51.6	68.2	-16.6	Peak	Horizontal
*	10435.0	35.0	13.7	48.7	68.2	-19.5	Peak	Vertical
	11234.0	35.9	12.6	48.5	74.0	-25.5	Peak	Vertical
	12305.0	35.6	12.1	47.7	74.0	-26.3	Peak	Vertical
*	14226.0	36.0	14.9	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	10987.5	35.1	13.8	48.9	74.0	-25.1	Peak	Horizontal
	12687.5	35.5	12.3	47.8	74.0	-26.2	Peak	Horizontal
*	14447.0	35.9	14.9	50.8	68.2	-17.4	Peak	Horizontal
*	17118.6	46.3	14.9	61.2	68.2	-7.0	Peak	Horizontal
	10936.5	35.2	13.8	49.0	74.0	-25.0	Peak	Vertical
	12390.0	35.9	12.0	47.9	74.0	-26.1	Peak	Vertical
*	14251.5	35.9	14.7	50.6	68.2	-17.6	Peak	Vertical
*	17133.0	37.8	15.1	52.9	68.2	-15.3	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	10996.0	35.0	13.9	48.9	74.0	-25.1	Peak	Horizontal
	12560.0	36.4	11.8	48.2	74.0	-25.8	Peak	Horizontal
*	14744.5	36.4	14.8	51.2	68.2	-17.0	Peak	Horizontal
*	17235.0	38.9	15.7	54.6	68.2	-13.6	Peak	Horizontal
*	9831.5	34.9	13.1	48.0	68.2	-20.2	Peak	Vertical
	11064.0	34.8	13.5	48.3	74.0	-25.7	Peak	Vertical
	12636.5	36.1	12.1	48.2	74.0	-25.8	Peak	Vertical
*	14821.0	35.8	14.8	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9738.0	36.2	13.0	49.2	68.2	-19.0	Peak	Horizontal
	11089.5	35.0	13.4	48.4	74.0	-25.6	Peak	Horizontal
	12526.0	36.3	12.1	48.4	74.0	-25.6	Peak	Horizontal
*	14617.0	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
*	10554.0	35.1	13.8	48.9	68.2	-19.3	Peak	Vertical
	11506.0	35.9	13.0	48.9	74.0	-25.1	Peak	Vertical
	12568.5	36.6	11.9	48.5	74.0	-25.5	Peak	Vertical
*	14948.5	36.2	14.8	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	Test Mode	802.11ac-VHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10384.0	35.2	13.7	48.9	68.2	-19.3	Peak	Horizontal
	11421.0	35.2	12.9	48.1	74.0	-25.9	Peak	Horizontal
	12050.0	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	14608.5	36.0	15.1	51.1	68.2	-17.1	Peak	Horizontal
*	9840.0	35.8	13.0	48.8	68.2	-19.4	Peak	Vertical
	10996.0	36.0	13.9	49.9	74.0	-24.1	Peak	Vertical
	12475.0	36.2	12.0	48.2	74.0	-25.8	Peak	Vertical
*	14999.5	36.5	14.2	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10129.0	35.9	13.3	49.2	68.2	-19.0	Peak	Horizontal
	10826.0	35.0	13.6	48.6	74.0	-25.4	Peak	Horizontal
	12194.5	35.0	12.0	47.0	74.0	-27.0	Peak	Horizontal
*	14022.0	36.0	14.3	50.3	68.2	-17.9	Peak	Horizontal
*	10171.5	35.0	13.3	48.3	68.2	-19.9	Peak	Vertical
	11489.0	35.2	13.2	48.4	74.0	-25.6	Peak	Vertical
	12330.5	35.1	12.3	47.4	74.0	-26.6	Peak	Vertical
*	14574.5	35.7	15.1	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10494.5	35.1	13.9	49.0	68.2	-19.2	Peak	Horizontal
	11132.0	35.8	12.9	48.7	74.0	-25.3	Peak	Horizontal
	12305.0	36.2	12.1	48.3	74.0	-25.7	Peak	Horizontal
*	14345.0	35.3	15.0	50.3	68.2	-17.9	Peak	Horizontal
*	10554.0	35.0	13.8	48.8	68.2	-19.4	Peak	Vertical
	11531.5	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
	12203.0	35.3	12.1	47.4	74.0	-26.6	Peak	Vertical
*	14506.5	35.8	15.0	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9738.0	34.9	13.0	47.9	68.2	-20.3	Peak	Horizontal
	10877.0	35.3	13.5	48.8	74.0	-25.2	Peak	Horizontal
	11489.0	35.0	13.2	48.2	74.0	-25.8	Peak	Horizontal
*	14447.0	35.5	14.9	50.4	68.2	-17.8	Peak	Horizontal
*	9882.5	35.1	13.1	48.2	68.2	-20.0	Peak	Vertical
	10681.5	35.2	13.8	49.0	74.0	-25.0	Peak	Vertical
	12228.5	35.7	12.2	47.9	74.0	-26.1	Peak	Vertical
*	14370.5	35.2	15.0	50.2	68.2	-18.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9882.5	34.9	13.1	48.0	68.2	-20.2	Peak	Horizontal
	11055.5	35.2	13.6	48.8	74.0	-25.2	Peak	Horizontal
	12364.5	35.9	12.3	48.2	74.0	-25.8	Peak	Horizontal
*	17073.5	40.5	15.0	55.5	68.2	-12.7	Peak	Horizontal
*	10528.5	34.9	13.7	48.6	68.2	-19.6	Peak	Vertical
	11038.5	34.9	13.7	48.6	74.0	-25.4	Peak	Vertical
	12177.5	35.7	12.1	47.8	74.0	-26.2	Peak	Vertical
*	14438.5	35.5	14.9	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	10979.0	35.0	13.6	48.6	74.0	-25.4	Peak	Horizontal
	12449.5	35.6	12.1	47.7	74.0	-26.3	Peak	Horizontal
*	15186.5	36.0	13.8	49.8	68.2	-18.4	Peak	Horizontal
*	17308.1	45.1	15.8	60.9	68.2	-7.3	Peak	Horizontal
*	10350.0	35.1	13.6	48.7	68.2	-19.5	Peak	Vertical
	11030.0	35.5	13.5	49.0	74.0	-25.0	Peak	Vertical
	12237.0	35.3	12.1	47.4	74.0	-26.6	Peak	Vertical
*	14668.0	35.8	14.9	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	9738.0	36.6	13.0	49.6	68.2	-18.6	Peak	Horizontal
	12228.5	37.4	12.2	49.6	74.0	-24.4	Peak	Horizontal
*	14396.0	37.3	14.9	52.2	68.2	-16.0	Peak	Horizontal
	15543.5	40.2	12.3	52.5	74.0	-21.5	Peak	Horizontal
	7366.5	36.9	8.4	45.3	74.0	-28.7	Peak	Vertical
*	9763.5	35.7	12.9	48.6	68.2	-19.6	Peak	Vertical
	10928.0	35.7	13.7	49.4	74.0	-24.6	Peak	Vertical
*	14532.0	36.4	15.1	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10350.0	35.9	13.6	49.5	68.2	-18.7	Peak	Horizontal
	10894.0	36.7	13.6	50.3	74.0	-23.7	Peak	Horizontal
*	14107.0	35.7	14.5	50.2	68.2	-18.0	Peak	Horizontal
	15654.0	42.0	12.2	54.2	74.0	-19.8	Peak	Horizontal
	15654.0	30.5	12.2	42.7	54.0	-11.3	AV	Horizontal
*	7128.5	36.2	8.1	44.3	68.2	-23.9	Peak	Vertical
	8055.0	36.5	9.3	45.8	74.0	-28.2	Peak	Vertical
	11106.5	35.6	13.2	48.8	74.0	-25.2	Peak	Vertical
*	14583.0	36.6	15.4	52.0	68.2	-16.2	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10401.0	35.7	13.5	49.2	68.2	-19.0	Peak	Horizontal
	11540.0	37.0	12.8	49.8	74.0	-24.2	Peak	Horizontal
*	13911.5	34.4	14.0	48.4	68.2	-19.8	Peak	Horizontal
	15713.5	40.8	11.9	52.7	74.0	-21.3	Peak	Horizontal
	15713.5	31.7	11.9	43.6	54.0	-10.4	AV	Horizontal
	7749.0	37.8	8.0	45.8	74.0	-28.2	Peak	Vertical
*	9959.0	36.4	12.9	49.3	68.2	-18.9	Peak	Vertical
	11021.5	35.6	13.6	49.2	74.0	-24.8	Peak	Vertical
*	14396.0	35.9	14.9	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7519.5	38.3	8.3	46.6	74.0	-27.4	Peak	Horizontal
*	10537.0	35.6	13.7	49.3	68.2	-18.9	Peak	Horizontal
	12084.0	36.7	12.3	49.0	74.0	-25.0	Peak	Horizontal
*	14353.5	35.9	14.9	50.8	68.2	-17.4	Peak	Horizontal
	7502.5	38.4	8.4	46.8	74.0	-27.2	Peak	Vertical
*	10171.5	36.0	13.3	49.3	68.2	-18.9	Peak	Vertical
	11004.5	35.3	13.8	49.1	74.0	-24.9	Peak	Vertical
*	13911.5	35.2	14.0	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7630.0	36.3	8.2	44.5	74.0	-29.5	Peak	Horizontal
*	9780.5	35.6	13.0	48.6	68.2	-19.6	Peak	Horizontal
*	12772.5	36.8	12.8	49.6	68.2	-18.6	Peak	Horizontal
	15892.0	38.6	11.9	50.5	74.0	-23.5	Peak	Horizontal
	7375.0	37.6	8.5	46.1	74.0	-27.9	Peak	Vertical
*	9712.5	35.6	12.9	48.5	68.2	-19.7	Peak	Vertical
	10885.5	35.2	13.6	48.8	74.0	-25.2	Peak	Vertical
*	14608.5	35.7	15.1	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10171.5	35.3	13.3	48.6	68.2	-19.6	Peak	Horizontal
	10902.5	37.6	13.6	51.2	74.0	-22.8	Peak	Horizontal
	11914.0	36.7	12.2	48.9	74.0	-25.1	Peak	Horizontal
*	14166.5	36.2	14.7	50.9	68.2	-17.3	Peak	Horizontal
*	9797.5	35.5	13.2	48.7	68.2	-19.5	Peak	Vertical
	10639.0	36.5	14.0	50.5	74.0	-23.5	Peak	Vertical
	12067.0	37.1	12.2	49.3	74.0	-24.7	Peak	Vertical
*	13665.0	34.3	13.9	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	7179.5	37.3	8.2	45.5	68.2	-22.7	Peak	Horizontal
	8046.5	35.9	9.2	45.1	74.0	-28.9	Peak	Horizontal
	10647.5	35.2	14.1	49.3	74.0	-24.7	Peak	Horizontal
*	16504.0	41.1	13.6	54.7	68.2	-13.5	Peak	Horizontal
	7681.0	37.2	7.9	45.1	74.0	-28.9	Peak	Vertical
*	10129.0	35.8	13.3	49.1	68.2	-19.1	Peak	Vertical
	11004.5	34.9	13.8	48.7	74.0	-25.3	Peak	Vertical
*	14370.5	36.7	15.0	51.7	68.2	-16.5	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	8063.5	36.3	9.2	45.5	74.0	-28.5	Peak	Horizontal
*	9831.5	35.0	13.1	48.1	68.2	-20.1	Peak	Horizontal
	12033.0	36.5	12.3	48.8	74.0	-25.2	Peak	Horizontal
*	14523.5	36.1	15.0	51.1	68.2	-17.1	Peak	Horizontal
	9007.0	36.1	10.5	46.6	74.0	-27.4	Peak	Vertical
*	9925.0	35.0	13.0	48.0	68.2	-20.2	Peak	Vertical
	11302.0	36.5	12.6	49.1	74.0	-24.9	Peak	Vertical
*	14183.5	36.9	14.8	51.7	68.2	-16.5	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7613.0	36.6	8.2	44.8	74.0	-29.2	Peak	Horizontal
*	9729.5	34.8	13.0	47.8	68.2	-20.4	Peak	Horizontal
	11438.0	35.5	13.1	48.6	74.0	-25.4	Peak	Horizontal
*	14812.5	36.3	14.8	51.1	68.2	-17.1	Peak	Horizontal
	8191.0	36.2	8.7	44.9	74.0	-29.1	Peak	Vertical
*	10503.0	35.5	13.6	49.1	68.2	-19.1	Peak	Vertical
	12143.5	36.4	12.2	48.6	74.0	-25.4	Peak	Vertical
*	14251.5	36.6	14.7	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	8029.5	35.8	9.0	44.8	74.0	-29.2	Peak	Horizontal
*	9780.5	35.0	13.0	48.0	68.2	-20.2	Peak	Horizontal
	10792.0	35.3	14.0	49.3	74.0	-24.7	Peak	Horizontal
*	14829.5	36.4	14.9	51.3	68.2	-16.9	Peak	Horizontal
	8242.0	36.4	8.6	45.0	74.0	-29.0	Peak	Vertical
*	9746.5	35.3	12.9	48.2	68.2	-20.0	Peak	Vertical
	11013.0	35.1	13.8	48.9	74.0	-25.1	Peak	Vertical
*	14387.5	36.4	15.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	11922.5	36.6	11.9	48.5	74.0	-25.5	Peak	Horizontal
*	14030.5	35.6	12.1	47.7	68.2	-20.5	Peak	Horizontal
	15696.5	36.5	13.9	50.4	74.0	-23.6	Peak	Horizontal
*	17235.0	37.6	15.8	53.4	68.2	-14.8	Peak	Horizontal
*	5734.5	45.1	6.9	52.0	68.2	-16.2	Peak	Vertical
	11625.0	36.4	11.3	47.7	74.0	-26.3	Peak	Vertical
	15951.5	36.1	14.5	50.6	74.0	-23.4	Peak	Vertical
*	17226.5	37.7	15.9	53.6	68.2	-14.6	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7392.0	36.5	8.4	44.9	74.0	-29.1	Peak	Horizontal
	10936.5	34.9	13.8	48.7	74.0	-25.3	Peak	Horizontal
*	13631.0	36.6	14.0	50.6	68.2	-17.6	Peak	Horizontal
*	17354.0	39.0	15.8	54.8	68.2	-13.4	Peak	Horizontal
*	7162.5	37.6	8.1	45.7	68.2	-22.5	Peak	Vertical
	10919.5	34.4	13.6	48.0	74.0	-26.0	Peak	Vertical
	14481.0	36.5	15.2	51.7	74.0	-22.3	Peak	Vertical
*	17354.0	38.7	15.8	54.5	68.2	-13.7	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7672.5	37.8	7.9	45.7	74.0	-28.3	Peak	Horizontal
	10724.0	35.2	13.5	48.7	74.0	-25.3	Peak	Horizontal
*	14370.5	36.1	15.0	51.1	68.2	-17.1	Peak	Horizontal
*	17481.5	43.6	17.0	60.6	68.2	-7.6	Peak	Horizontal
	8225.0	36.8	8.6	45.4	74.0	-28.6	Peak	Vertical
*	10511.5	36.0	13.6	49.6	68.2	-18.6	Peak	Vertical
	12169.0	36.5	12.3	48.8	74.0	-25.2	Peak	Vertical
*	14362.0	36.3	14.9	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7511.0	37.5	8.3	45.8	74.0	-28.2	Peak	Horizontal
*	9695.5	34.9	12.8	47.7	68.2	-20.5	Peak	Horizontal
	10647.5	34.8	14.1	48.9	74.0	-25.1	Peak	Horizontal
*	13801.0	37.0	13.9	50.9	68.2	-17.3	Peak	Horizontal
	7655.5	36.7	8.1	44.8	74.0	-29.2	Peak	Vertical
*	9695.5	35.6	12.8	48.4	68.2	-19.8	Peak	Vertical
	11098.0	35.4	13.4	48.8	74.0	-25.2	Peak	Vertical
*	14132.5	36.3	14.5	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7536.5	36.5	8.4	44.9	74.0	-29.1	Peak	Horizontal
*	9882.5	34.2	13.1	47.3	68.2	-20.9	Peak	Horizontal
	10970.5	35.0	13.5	48.5	74.0	-25.5	Peak	Horizontal
*	14090.0	35.4	14.7	50.1	68.2	-18.1	Peak	Horizontal
	7511.0	37.0	8.3	45.3	74.0	-28.7	Peak	Vertical
*	9789.0	34.2	13.1	47.3	68.2	-20.9	Peak	Vertical
	10860.0	34.9	13.6	48.5	74.0	-25.5	Peak	Vertical
*	14379.0	36.1	15.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7511.0	36.5	8.3	44.8	74.0	-29.2	Peak	Horizontal
*	10452.0	35.5	13.5	49.0	68.2	-19.2	Peak	Horizontal
	11123.5	35.6	12.9	48.5	74.0	-25.5	Peak	Horizontal
*	14591.5	36.9	15.3	52.2	68.2	-16.0	Peak	Horizontal
	7477.0	36.1	8.5	44.6	74.0	-29.4	Peak	Vertical
*	9967.5	35.0	12.9	47.9	68.2	-20.3	Peak	Vertical
	11880.0	36.7	12.0	48.7	74.0	-25.3	Peak	Vertical
*	14591.5	36.1	15.3	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7273.0	36.2	8.3	44.5	74.0	-29.5	Peak	Horizontal
*	9916.5	34.9	12.8	47.7	68.2	-20.5	Peak	Horizontal
	10919.5	34.7	13.6	48.3	74.0	-25.7	Peak	Horizontal
*	14387.5	35.4	15.0	50.4	68.2	-17.8	Peak	Horizontal
	7647.0	36.4	8.2	44.6	74.0	-29.4	Peak	Vertical
*	10579.5	35.4	13.9	49.3	68.2	-18.9	Peak	Vertical
	12007.5	36.1	12.2	48.3	74.0	-25.7	Peak	Vertical
*	13614.0	35.8	13.9	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7638.5	36.9	8.2	45.1	74.0	-28.9	Peak	Horizontal
*	10010.0	35.3	12.7	48.0	68.2	-20.2	Peak	Horizontal
	11021.5	34.3	13.6	47.9	74.0	-26.1	Peak	Horizontal
*	16852.5	36.5	15.2	51.7	68.2	-16.5	Peak	Horizontal
	7545.0	36.4	8.5	44.9	74.0	-29.1	Peak	Vertical
*	9789.0	33.6	13.1	46.7	68.2	-21.5	Peak	Vertical
	10622.0	34.9	13.7	48.6	74.0	-25.4	Peak	Vertical
*	14115.5	35.7	14.5	50.2	68.2	-18.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7655.5	36.4	8.1	44.5	74.0	-29.5	Peak	Horizontal
*	9729.5	35.0	13.0	48.0	68.2	-20.2	Peak	Horizontal
	11089.5	35.2	13.4	48.6	74.0	-25.4	Peak	Horizontal
*	16640.0	38.7	14.4	53.1	68.2	-15.1	Peak	Horizontal
	7460.0	36.0	8.5	44.5	74.0	-29.5	Peak	Vertical
*	9789.0	34.8	13.1	47.9	68.2	-20.3	Peak	Vertical
	10953.5	35.0	13.6	48.6	74.0	-25.4	Peak	Vertical
*	14166.5	35.4	14.7	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7417.5	35.6	8.3	43.9	74.0	-30.1	Peak	Horizontal
*	9755.0	34.4	12.9	47.3	68.2	-20.9	Peak	Horizontal
	11047.0	34.0	13.8	47.8	74.0	-26.2	Peak	Horizontal
*	14183.5	35.4	14.8	50.2	68.2	-18.0	Peak	Horizontal
	7613.0	36.5	8.2	44.7	74.0	-29.3	Peak	Vertical
*	10477.5	35.3	13.9	49.2	68.2	-19.0	Peak	Vertical
	12050.0	35.4	12.3	47.7	74.0	-26.3	Peak	Vertical
*	13741.5	36.2	13.8	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7536.5	36.3	8.4	44.7	74.0	-29.3	Peak	Horizontal
*	9789.0	34.1	13.1	47.2	68.2	-21.0	Peak	Horizontal
	10639.0	34.2	14.0	48.2	74.0	-25.8	Peak	Horizontal
*	14175.0	34.7	14.8	49.5	68.2	-18.7	Peak	Horizontal
	7536.5	36.7	8.4	45.1	74.0	-28.9	Peak	Vertical
*	9797.5	34.2	13.2	47.4	68.2	-20.8	Peak	Vertical
	11149.0	34.5	13.3	47.8	74.0	-26.2	Peak	Vertical
*	14132.5	35.9	14.5	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7485.5	36.3	8.5	44.8	74.0	-29.2	Peak	Horizontal
*	10503.0	35.4	13.6	49.0	68.2	-19.2	Peak	Horizontal
	12075.5	35.4	12.2	47.6	74.0	-26.4	Peak	Horizontal
*	17243.5	42.7	15.6	58.3	68.2	-9.9	Peak	Horizontal
	7621.5	36.7	8.2	44.9	74.0	-29.1	Peak	Vertical
*	10562.5	34.0	13.7	47.7	68.2	-20.5	Peak	Vertical
	11956.5	36.3	12.1	48.4	74.0	-25.6	Peak	Vertical
*	14379.0	35.4	15.0	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	7434.5	34.6	8.4	43.0	74.0	-31.0	Peak	Horizontal
	11081.0	34.8	13.5	48.3	74.0	-25.7	Peak	Horizontal
*	14081.5	35.8	14.8	50.6	68.2	-17.6	Peak	Horizontal
*	17396.5	39.3	16.7	56.0	68.2	-12.2	Peak	Horizontal
*	8726.5	35.7	10.2	45.9	68.2	-22.3	Peak	Vertical
*	10579.5	34.7	13.9	48.6	68.2	-19.6	Peak	Vertical
	12364.5	36.1	12.3	48.4	74.0	-25.6	Peak	Vertical
	14498.0	35.9	15.0	50.9	74.0	-23.1	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10392.5	34.9	13.6	48.5	68.2	-19.7	Peak	Horizontal
	11055.5	36.1	13.6	49.7	74.0	-24.3	Peak	Horizontal
	12041.5	35.1	12.3	47.4	74.0	-26.6	Peak	Horizontal
*	14022.0	36.2	14.3	50.5	68.2	-17.7	Peak	Horizontal
*	10486.0	35.5	14.0	49.5	68.2	-18.7	Peak	Vertical
	11149.0	35.1	13.3	48.4	74.0	-25.6	Peak	Vertical
	12330.5	34.8	12.3	47.1	74.0	-26.9	Peak	Vertical
*	14260.0	35.5	14.7	50.2	68.2	-18.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10256.5	35.2	13.4	48.6	68.2	-19.6	Peak	Horizontal
	11081.0	35.1	13.5	48.6	74.0	-25.4	Peak	Horizontal
	12356.0	35.5	12.4	47.9	74.0	-26.1	Peak	Horizontal
*	14676.5	36.2	14.9	51.1	68.2	-17.1	Peak	Horizontal
*	10256.5	35.7	13.4	49.1	68.2	-19.1	Peak	Vertical
	10996.0	35.3	13.9	49.2	74.0	-24.8	Peak	Vertical
	12407.0	35.5	12.0	47.5	74.0	-26.5	Peak	Vertical
*	14940.0	35.8	14.8	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
*	10579.5	35.5	13.9	49.4	68.2	-18.8	Peak	Horizontal
	11089.5	35.6	13.4	49.0	74.0	-25.0	Peak	Horizontal
	12381.5	35.8	12.1	47.9	74.0	-26.1	Peak	Horizontal
*	14685.0	36.3	15.0	51.3	68.2	-16.9	Peak	Horizontal
*	10545.5	35.4	13.8	49.2	68.2	-19.0	Peak	Vertical
	10996.0	35.4	13.9	49.3	74.0	-24.7	Peak	Vertical
	12398.5	36.3	11.9	48.2	74.0	-25.8	Peak	Vertical
*	14515.0	35.2	15.0	50.2	68.2	-18.0	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	10860.0	35.1	13.6	48.7	74.0	-25.3	Peak	Horizontal
	12211.5	35.3	12.3	47.6	74.0	-26.4	Peak	Horizontal
*	13996.5	36.4	14.3	50.7	68.2	-17.5	Peak	Horizontal
*	16827.0	38.2	15.2	53.4	68.2	-14.8	Peak	Horizontal
*	9695.5	35.5	12.8	48.3	68.2	-19.9	Peak	Vertical
	10647.5	35.2	14.1	49.3	74.0	-24.7	Peak	Vertical
	12364.5	35.9	12.3	48.2	74.0	-25.8	Peak	Vertical
*	14302.5	36.1	14.7	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	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	10656.0	34.5	14.0	48.5	74.0	-25.5	Peak	Horizontal
	11497.5	35.6	13.1	48.7	74.0	-25.3	Peak	Horizontal
*	14149.5	36.9	14.5	51.4	68.2	-16.8	Peak	Horizontal
*	17075.5	43.8	15.1	58.9	68.2	-9.3	Peak	Horizontal
*	10477.5	34.5	13.9	48.4	68.2	-19.8	Peak	Vertical
	11506.0	35.7	13.0	48.7	74.0	-25.3	Peak	Vertical
	12356.0	35.3	12.4	47.7	74.0	-26.3	Peak	Vertical
*	14540.5	35.8	15.0	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Site	WZ-AC1	Test Engineer	Zach Xu
Test Date	2023-07-18~2023-07-21	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
	10783.5	35.9	13.8	49.7	74.0	-24.3	Peak	Horizontal
	12033.0	35.6	12.3	47.9	74.0	-26.1	Peak	Horizontal
*	14940.0	35.9	14.8	50.7	68.2	-17.5	Peak	Horizontal
*	17308.4	43.9	15.8	59.7	68.2	-8.5	Peak	Horizontal
	10622.0	35.2	13.7	48.9	74.0	-25.1	Peak	Vertical
	11429.5	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
*	12738.5	35.4	12.9	48.3	68.2	-19.9	Peak	Vertical
*	14149.5	35.6	14.5	50.1	68.2	-18.1	Peak	Vertical

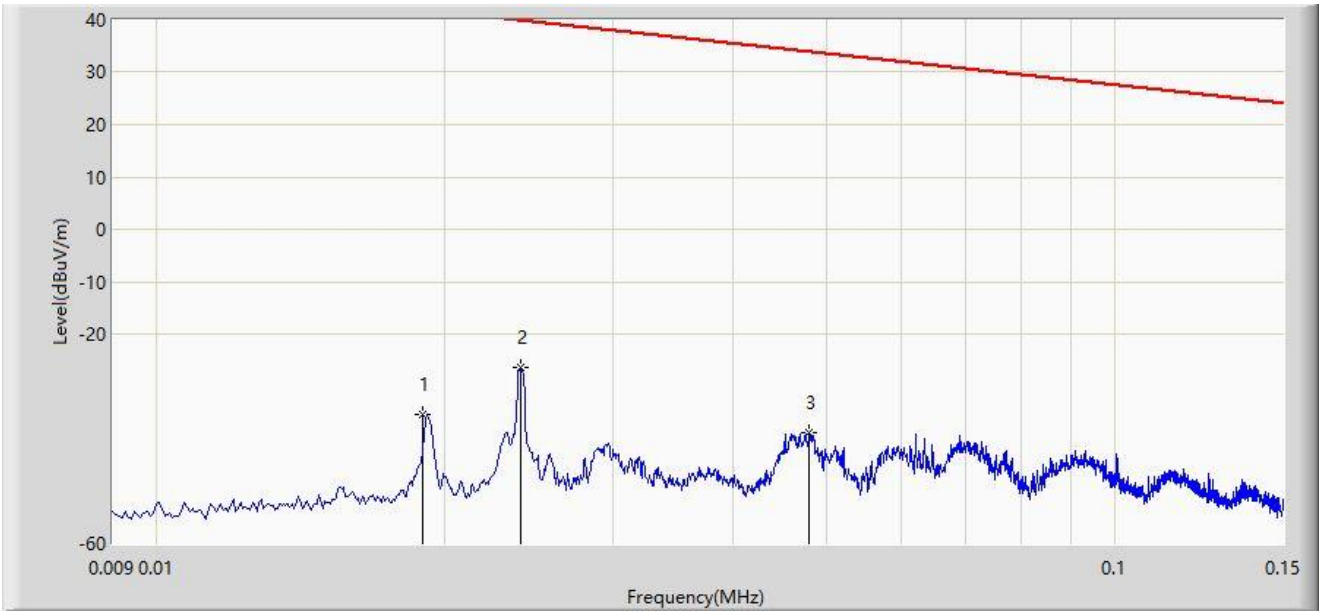
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Result of Radiated Emission 9kHz ~ 30MHz:

Site: WZ-AC1	Test Date: 2023-07-26
Limit: FCC_Part15.209_RSE	Engineer: Carl Jiang
Probe: FMZB1519_0.009-30MHz	Polarity: Coaxial
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		0.019	-35.314	24.572	-77.327	42.013	-59.886	PK
2	*	0.024	-26.417	34.059	-66.402	39.985	-60.476	PK
3		0.048	-38.834	23.501	-72.802	33.968	-62.335	PK

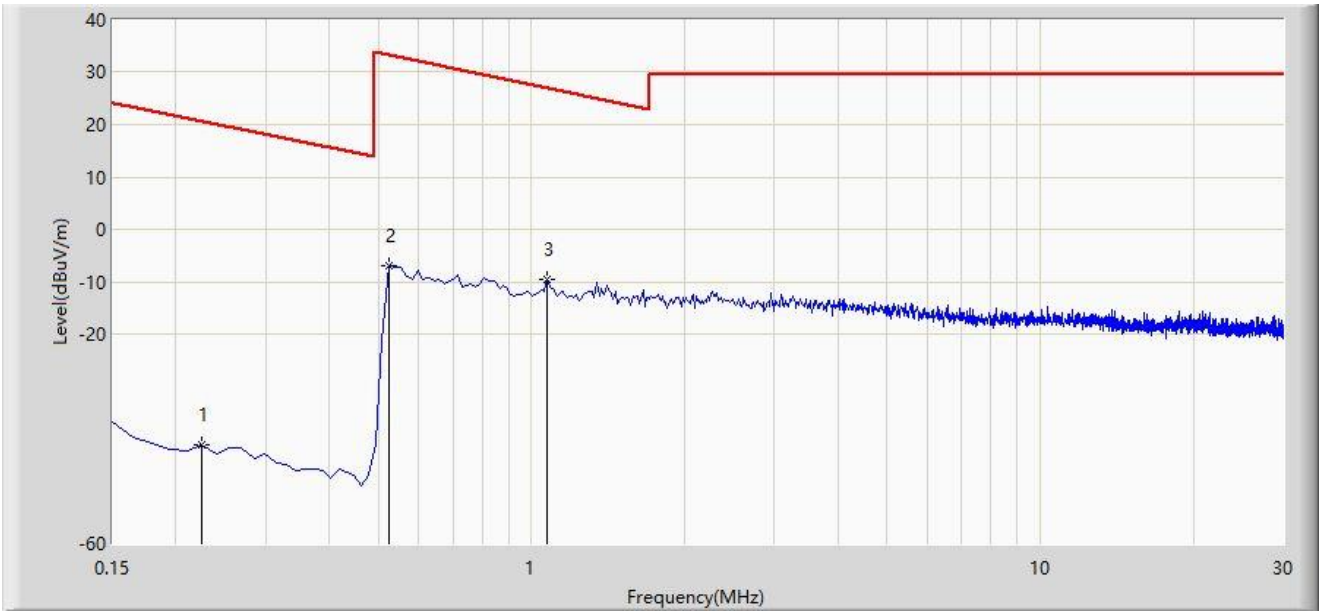
Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) + 40log(d1/d2) (dB), d1 = 3m, d2 = 300m (9kHz-490kHz) or 30m (490kHz-30MHz).

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

Site: WZ-AC1	Test Date: 2023-07-26
Limit: FCC_Part15.209_RSE	Engineer: Carl Jiang
Probe: FMZB1519_0.009-30MHz	Polarity: Coaxial
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		0.225	-41.231	21.380	-61.788	20.557	-62.611	PK
2		0.523	-6.821	15.576	-40.056	33.235	-22.397	PK
3	*	1.075	-9.655	12.646	-36.650	26.995	-22.301	PK

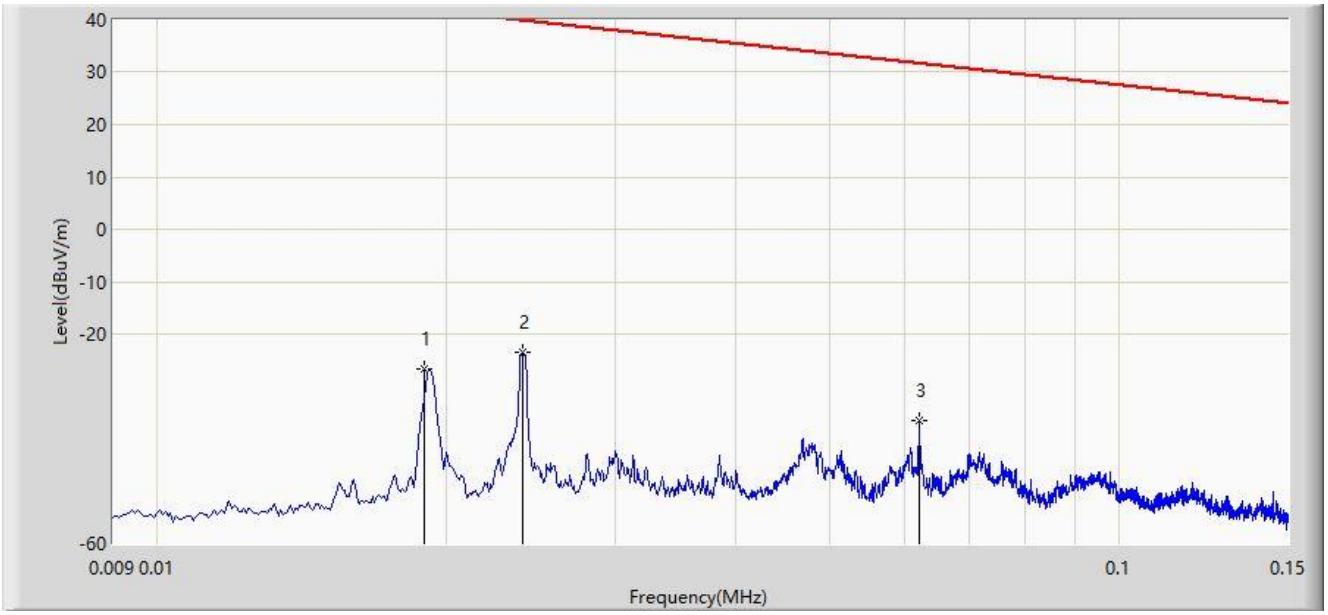
Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) + 40log(d1/d2) (dB), d1 = 3m, d2 = 300m (9kHz-490kHz) or 30m (490kHz-30MHz).

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

Site: WZ-AC1	Test Date: 2023-07-26
Limit: FCC_Part15.209_RSE	Engineer: Carl Jiang
Probe: FMZB1519_0.009-30MHz	Polarity: Coplanar
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		0.019	-26.739	33.147	-68.752	42.013	-59.886	PK
2	*	0.024	-23.354	37.122	-63.339	39.985	-60.476	PK
3		0.062	-36.388	26.087	-68.134	31.746	-62.475	PK

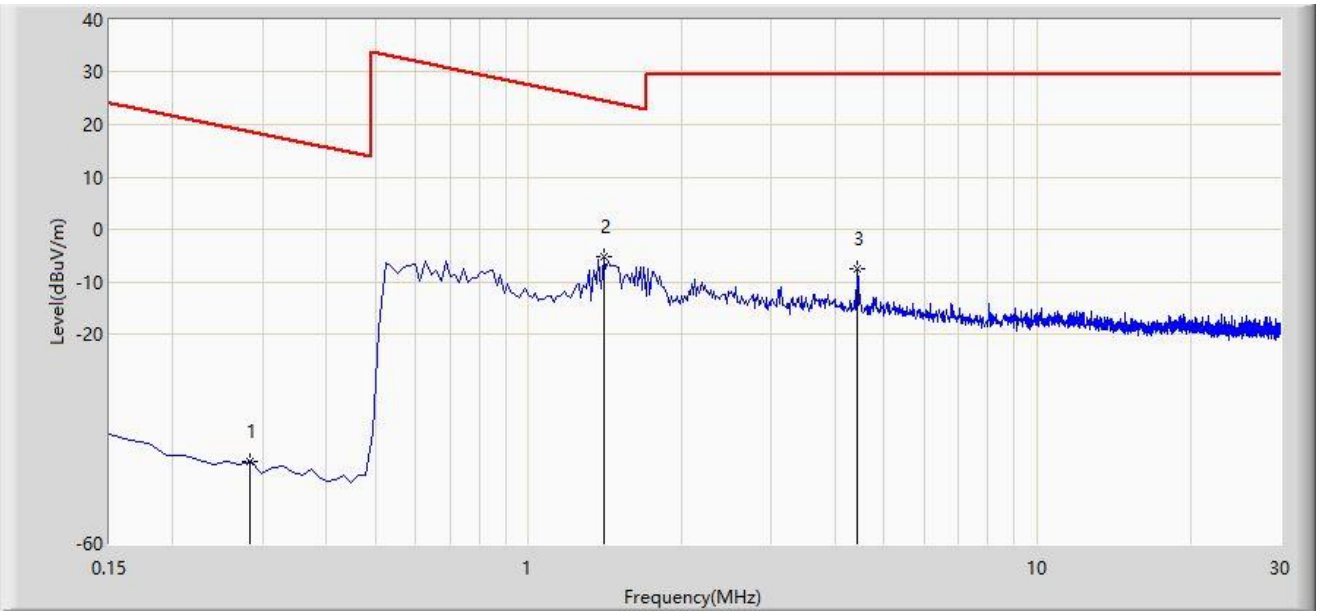
Note 1: " * ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) + 40log(d1/d2) (dB), d1 = 3m, d2 = 300m (9kHz-490kHz) or 30m (490kHz-30MHz).

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

Site: WZ-AC1	Test Date: 2023-07-26
Limit: FCC_Part15.209_RSE	Engineer: Carl Jiang
Probe: FMZB1519_0.009-30MHz	Polarity: Coplanar
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		0.284	-44.322	18.260	-62.857	18.535	-62.582	PK
2	*	1.404	-5.276	17.060	-29.958	24.682	-22.335	PK
3		4.433	-7.668	14.617	-37.168	29.500	-22.285	PK

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

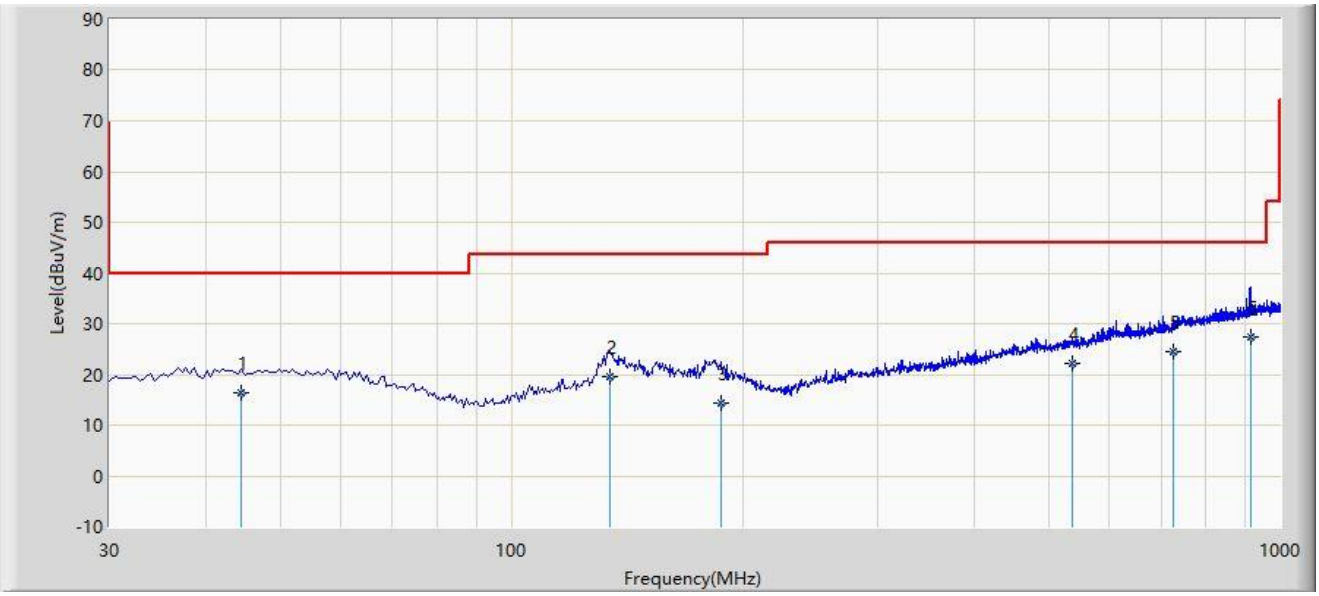
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) + 40log(d1/d2) (dB), d1 = 3m, d2 = 300m (9kHz-490kHz) or 30m (490kHz-30MHz).

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

The Result of Radiated Emission below 1GHz:

Site: WZ-AC1	Test Date: 2023-08-11
Limit: FCC_Part15.209_RSE(3m)	Engineer: Ajin Fan
Probe: VULB 9168_25-2000MHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



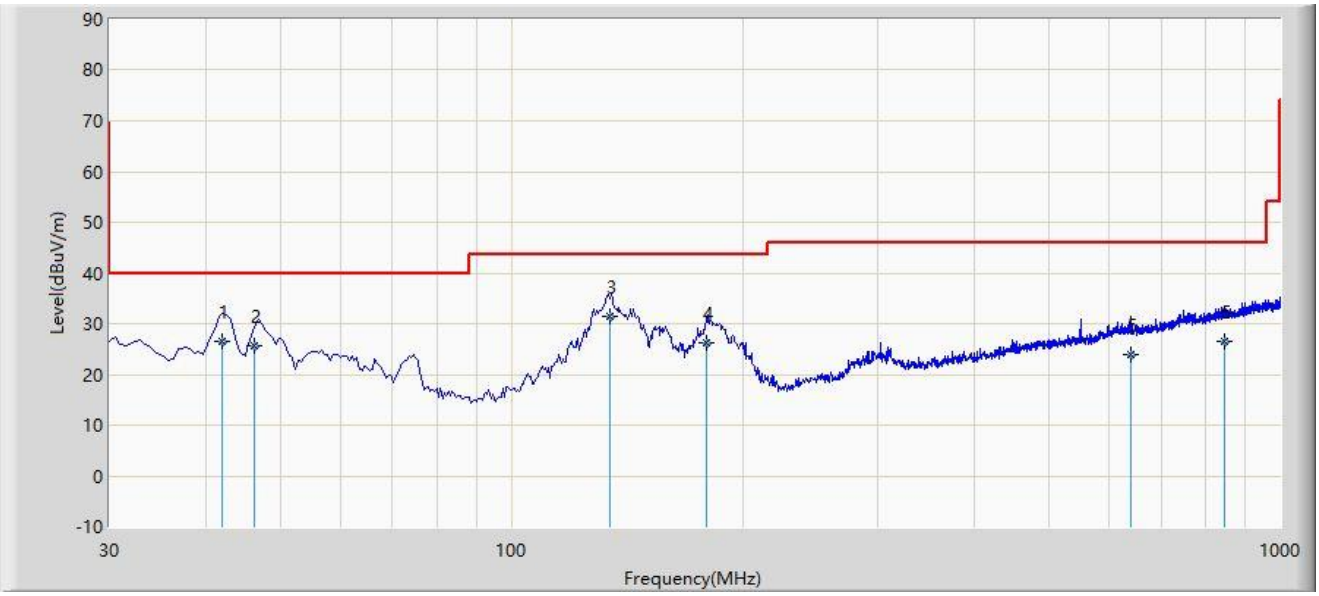
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		44.560	16.268	-2.160	-23.732	40.000	18.427	QP
2		134.560	19.644	2.390	-23.856	43.500	17.254	QP
3		187.230	14.247	-1.690	-29.253	43.500	15.937	QP
4		536.480	22.297	-1.690	-23.703	46.000	23.987	QP
5		726.330	24.349	-2.890	-21.651	46.000	27.239	QP
6	*	914.250	27.315	-2.250	-18.685	46.000	29.565	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).

Site: WZ-AC1	Test Date: 2023-08-11
Limit: FCC_Part15.209_RSE(3m)	Engineer: Ajin Fan
Probe: VULB 9168_25-2000MHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		42.130	26.633	8.390	-13.367	40.000	18.243	QP
2		46.290	25.755	7.250	-14.245	40.000	18.505	QP
3	*	134.590	31.486	14.230	-12.014	43.500	17.256	QP
4		179.630	26.196	9.260	-17.304	43.500	16.936	QP
5		638.260	23.875	-2.160	-22.125	46.000	26.035	QP
6		846.230	26.527	-2.560	-19.473	46.000	29.087	QP

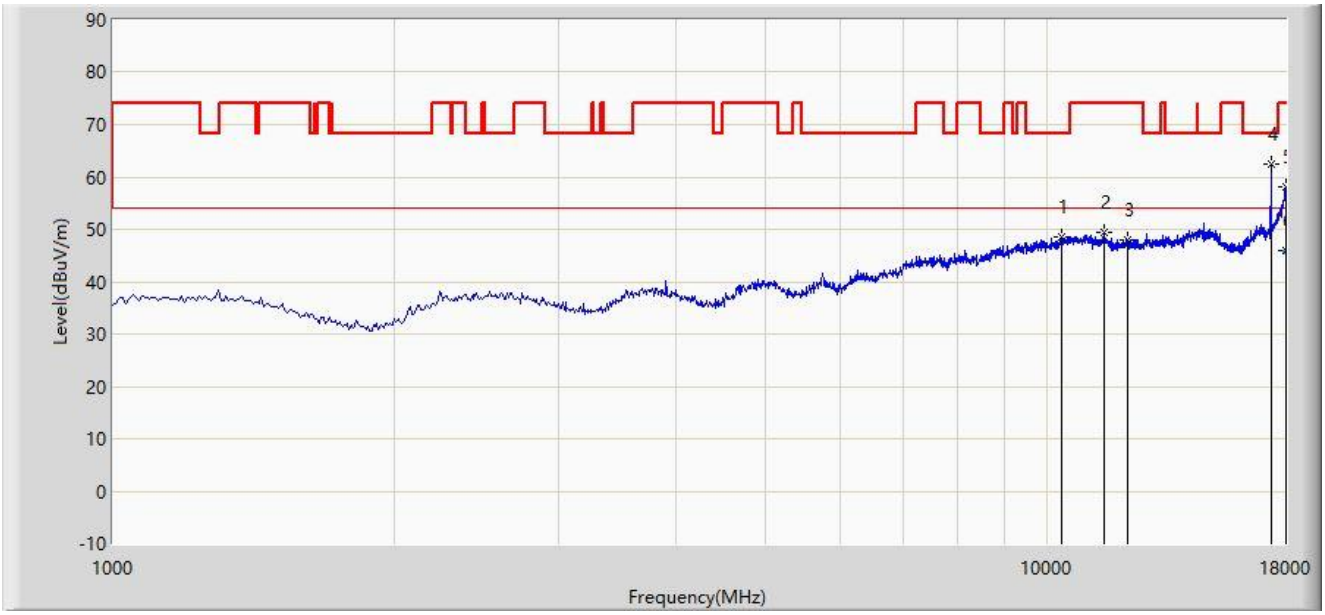
Note 1: " * ", means this data is the worst emission level.

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

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

The Result of Radiated Emission 1G ~ 18GHz:

Site: WZ-AC1	Test Date: 2023-07-19
Limit: FCC_Part15.209_RSE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5785MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		10341.500	48.554	34.933	-19.646	68.200	13.622	PK
2		11514.500	49.327	36.364	-24.673	74.000	12.963	PK
3		12194.500	47.844	35.845	-26.156	74.000	11.999	PK
4	*	17354.000	62.467	46.650	-5.733	68.200	15.817	PK
5		17974.500	58.065	35.256	-15.935	74.000	22.809	PK
6		17974.500	45.966	23.157	-8.034	54.000	22.809	AV

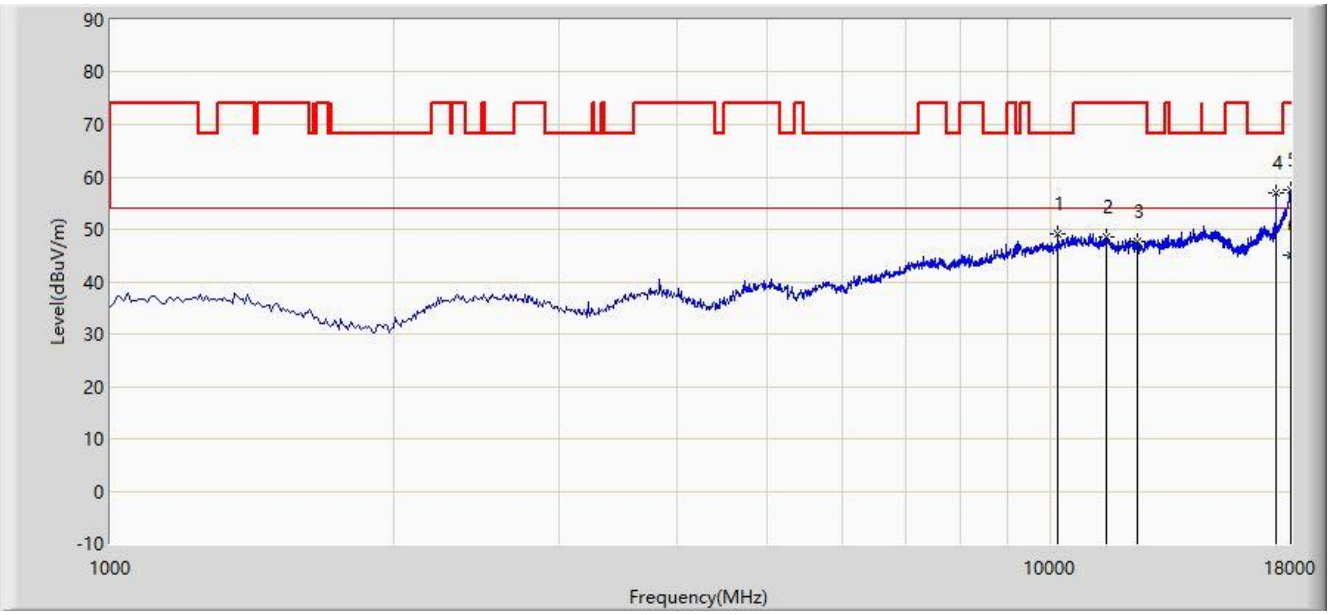
Note 1: " * ", means this data is the worst emission level.

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).

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

Site: WZ-AC1	Test Date: 2023-07-19
Limit: FCC_Part15.209_RSE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5785MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		10171.500	49.239	35.917	-18.961	68.200	13.322	PK
2		11446.500	48.471	35.439	-25.529	74.000	13.032	PK
3		12373.000	47.689	35.451	-26.311	74.000	12.238	PK
4		17345.500	56.844	40.945	-11.356	68.200	15.899	PK
5		17983.000	57.662	34.654	-16.338	74.000	23.008	PK
6	*	17983.000	45.161	22.153	-8.839	54.000	23.008	AV

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

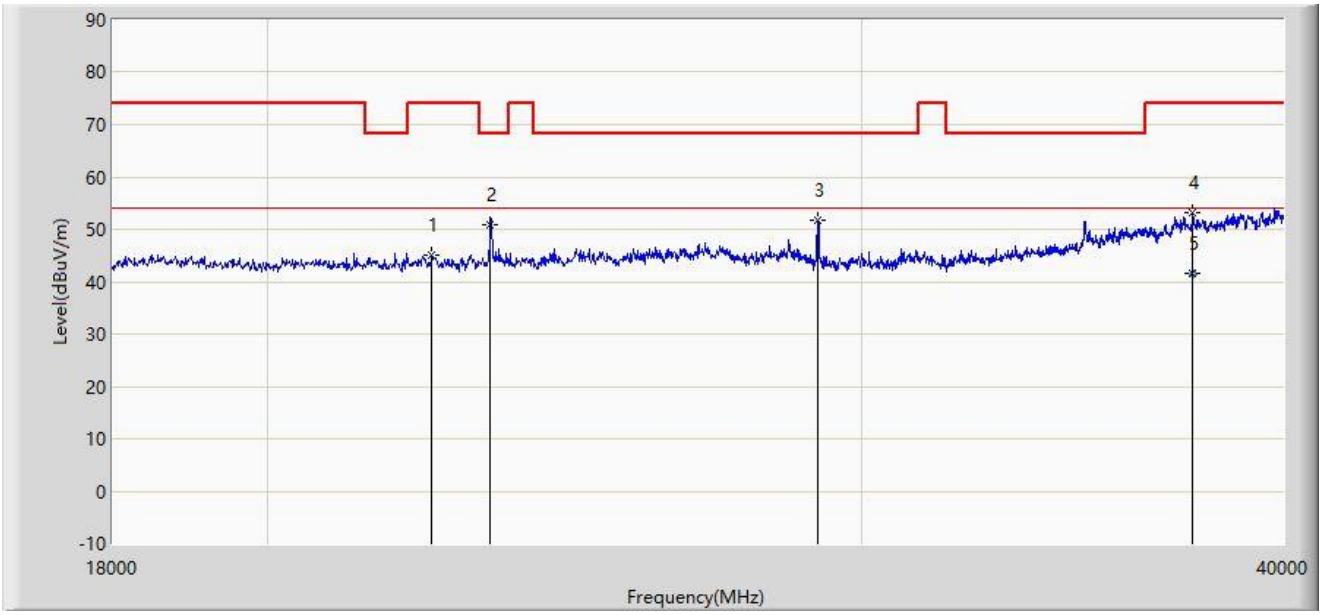
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

The Result of Radiated Emission 18G ~ 40GHz:

Site: WZ-AC2	Test Date: 2023-08-13
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_993_18-40GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		22378.000	45.193	53.332	-28.807	74.000	-8.139	PK
2		23291.000	50.899	58.011	-17.301	68.200	-7.112	PK
3		29121.000	51.825	60.190	-16.375	68.200	-8.365	PK
4		37613.000	53.128	56.837	-20.872	74.000	-3.709	PK
5	*	37613.000	41.491	45.200	-12.509	54.000	-3.709	AV

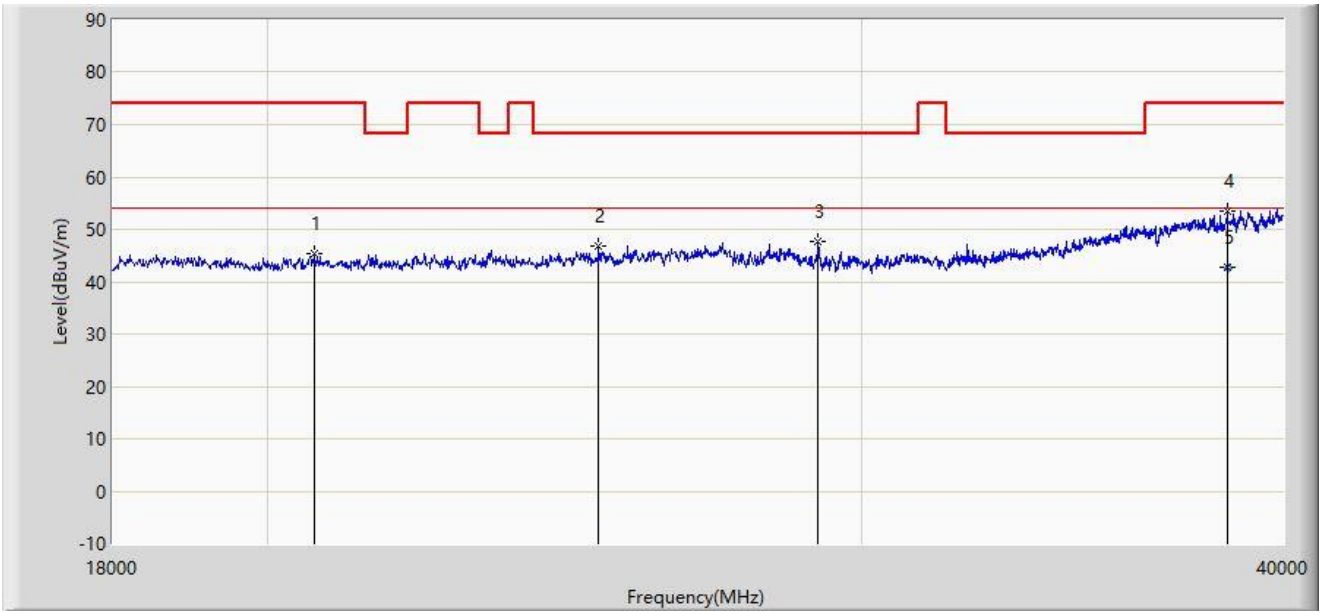
Note 1: " * ", means this data is the worst emission level.

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

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

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

Site: WZ-AC2	Test Date: 2023-08-13
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dick Shen
Probe: BBHA9170_993_18-40GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		20662.000	45.301	54.734	-28.699	74.000	-9.433	PK
2		25084.000	46.694	53.423	-21.506	68.200	-6.729	PK
3		29132.000	47.699	55.948	-20.501	68.200	-8.249	PK
4		38515.000	53.389	55.809	-20.611	74.000	-2.420	PK
5	*	38515.000	42.780	45.200	-11.220	54.000	-2.420	AV

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

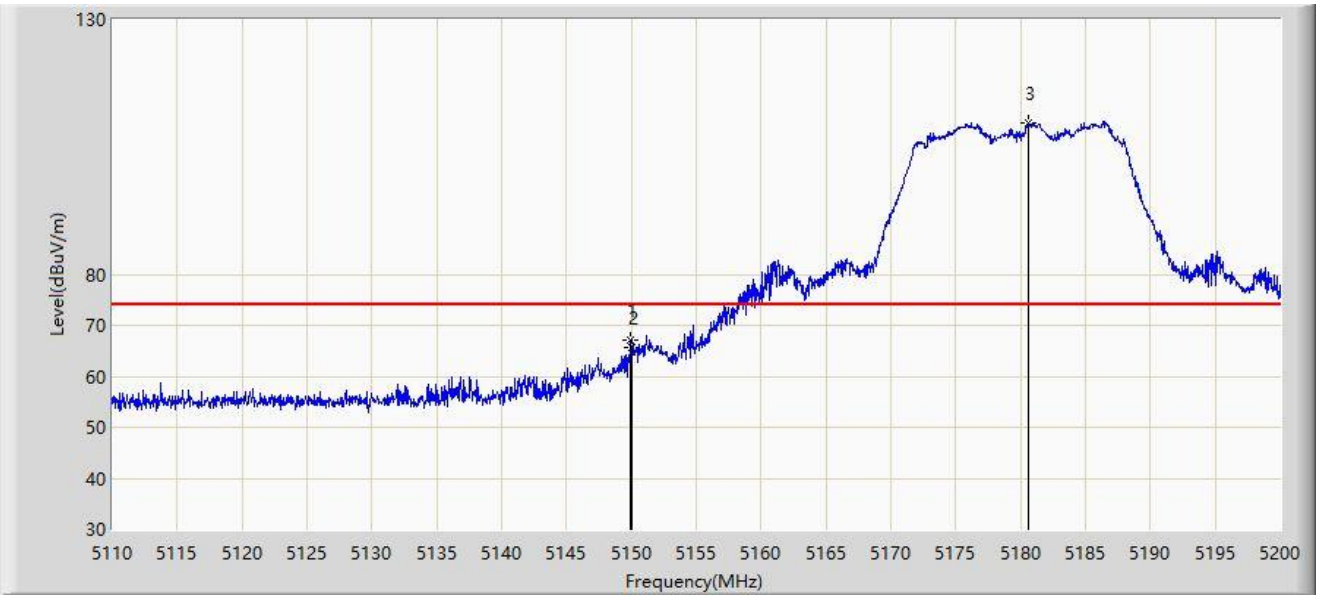
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

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

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

A.8 Radiated Restricted Band Edge Test Result

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5149.960	67.051	63.552	-6.949	74.000	3.500	PK
2		5150.000	65.509	62.010	-8.491	74.000	3.499	PK
3		5180.560	109.716	106.413	N/A	N/A	3.303	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	

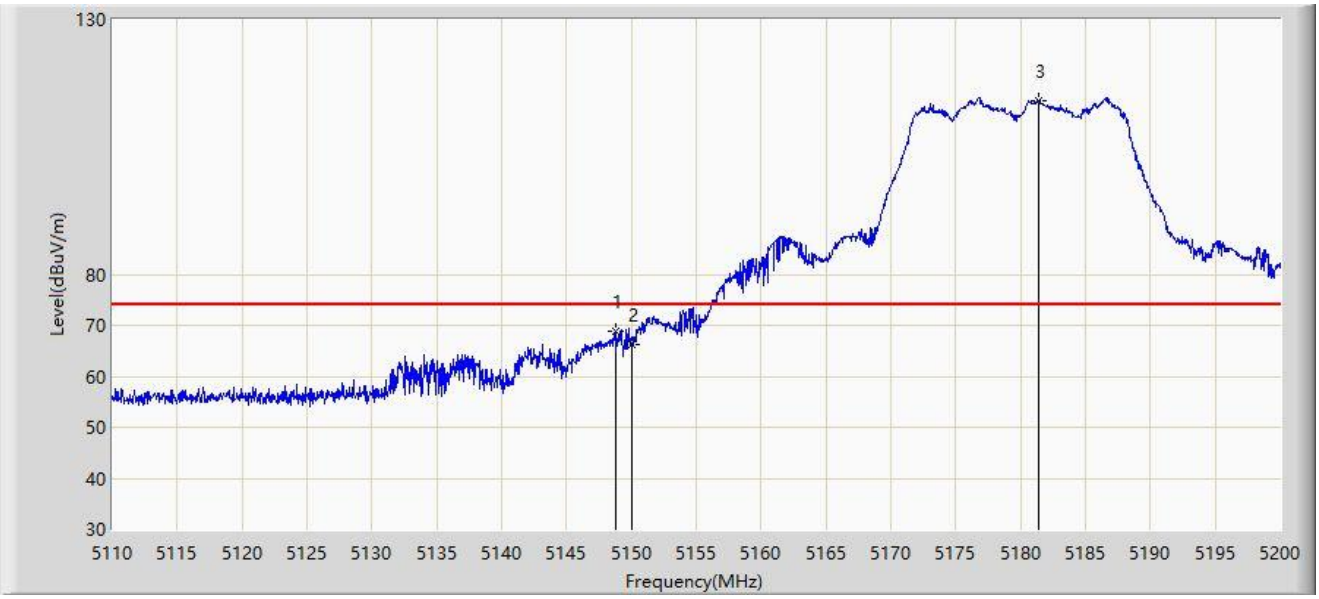
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.080	46.312	42.833	-7.688	54.000	3.479	AV
2		5150.000	44.789	41.290	-9.211	54.000	3.499	AV
3		5181.460	101.343	98.057	N/A	N/A	3.286	AV

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: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



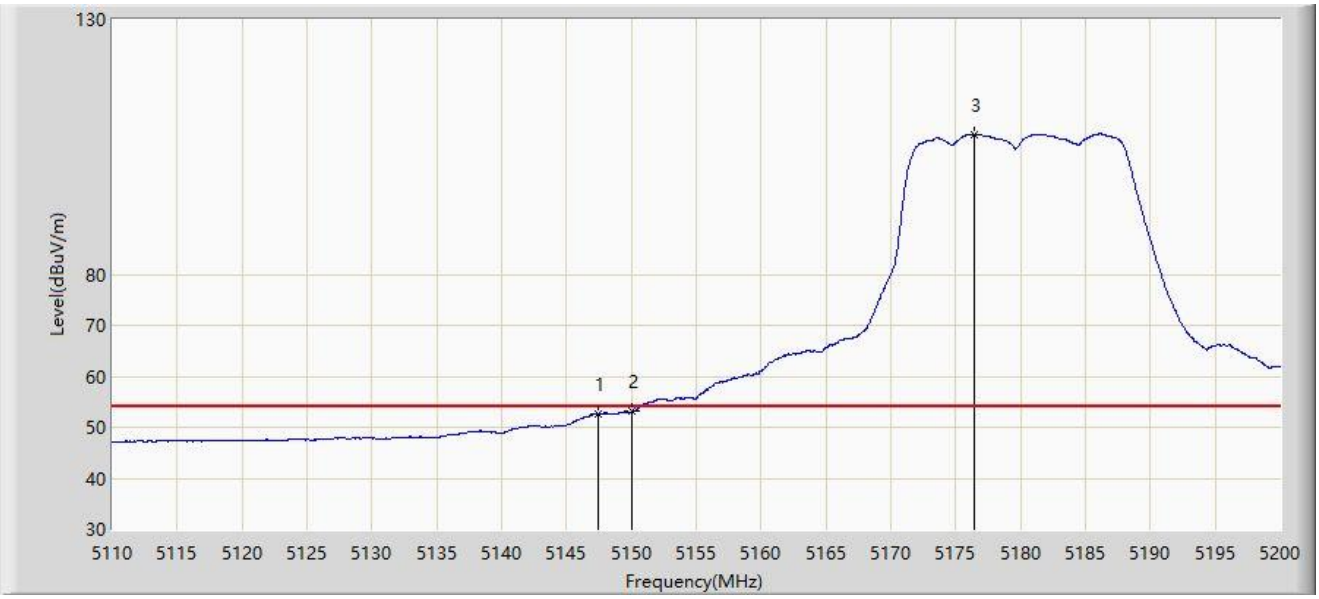
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.745	68.777	65.283	-5.223	74.000	3.494	PK
2		5150.000	66.361	62.862	-7.639	74.000	3.499	PK
3		5181.415	114.042	110.755	N/A	N/A	3.287	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



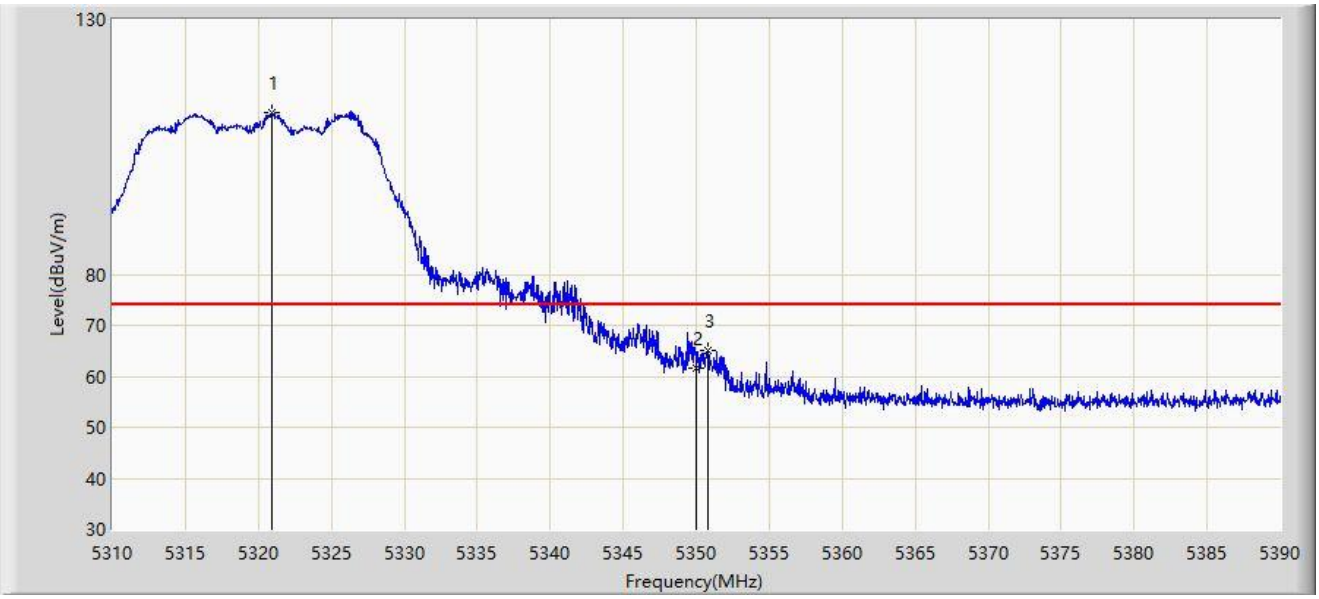
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5147.485	52.694	49.210	-1.306	54.000	3.484	AV
2	*	5150.000	53.079	49.580	-0.921	54.000	3.499	AV
3		5176.465	107.486	104.104	N/A	N/A	3.381	AV

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: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



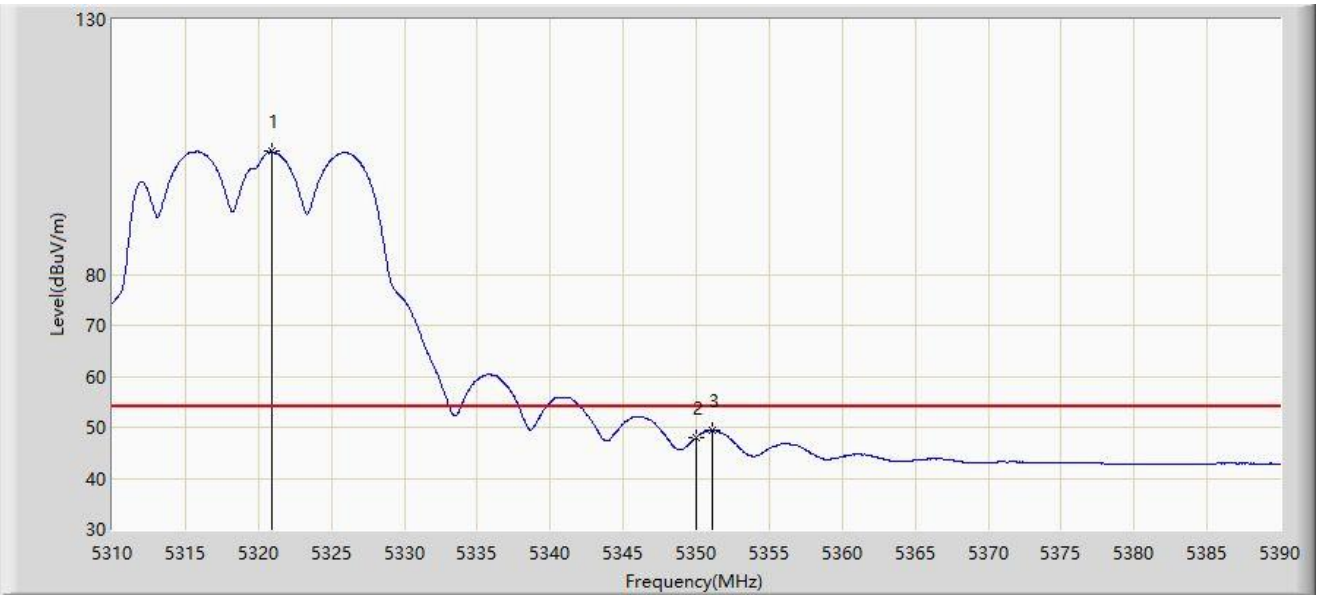
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5320.880	111.861	108.834	N/A	N/A	3.027	PK
2		5350.000	61.594	58.763	-12.406	74.000	2.832	PK
3	*	5350.840	65.011	62.194	-8.989	74.000	2.817	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5320.920	104.086	101.059	N/A	N/A	3.027	AV
2		5350.000	47.965	45.134	-6.035	54.000	2.832	AV
3	*	5351.120	49.367	46.555	-4.633	54.000	2.812	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: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	

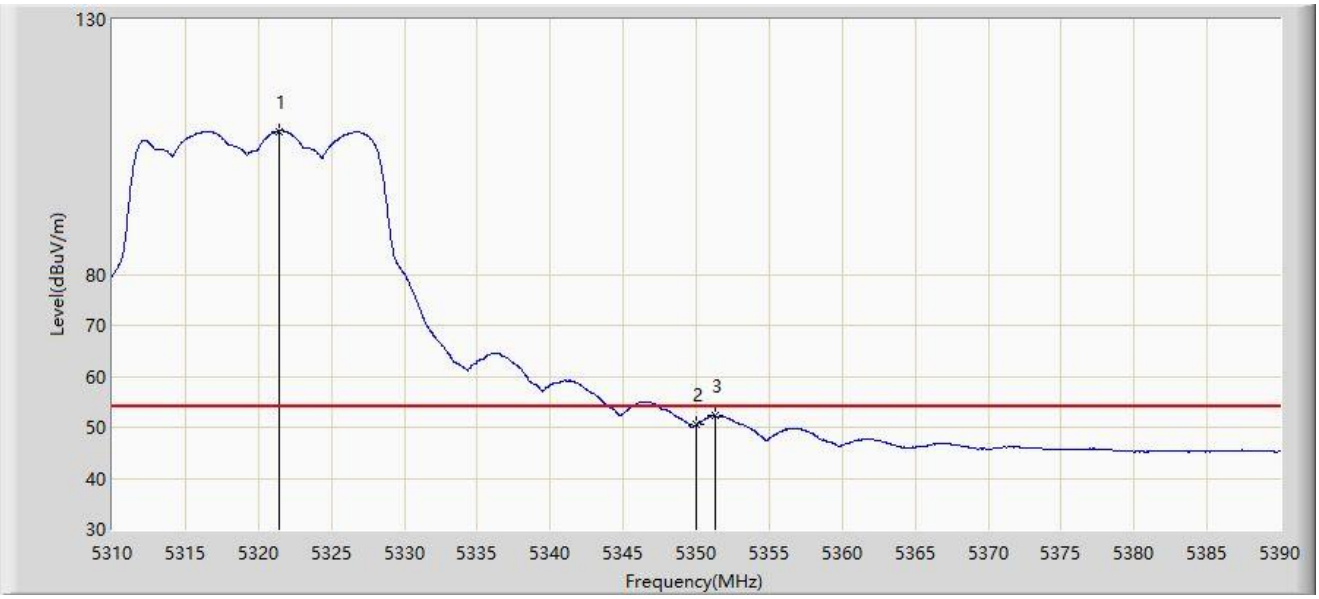
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5326.560	116.606	113.590	N/A	N/A	3.017	PK
2		5350.000	65.296	62.465	-8.704	74.000	2.832	PK
3	*	5351.480	68.115	65.309	-5.885	74.000	2.806	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5320MHz	



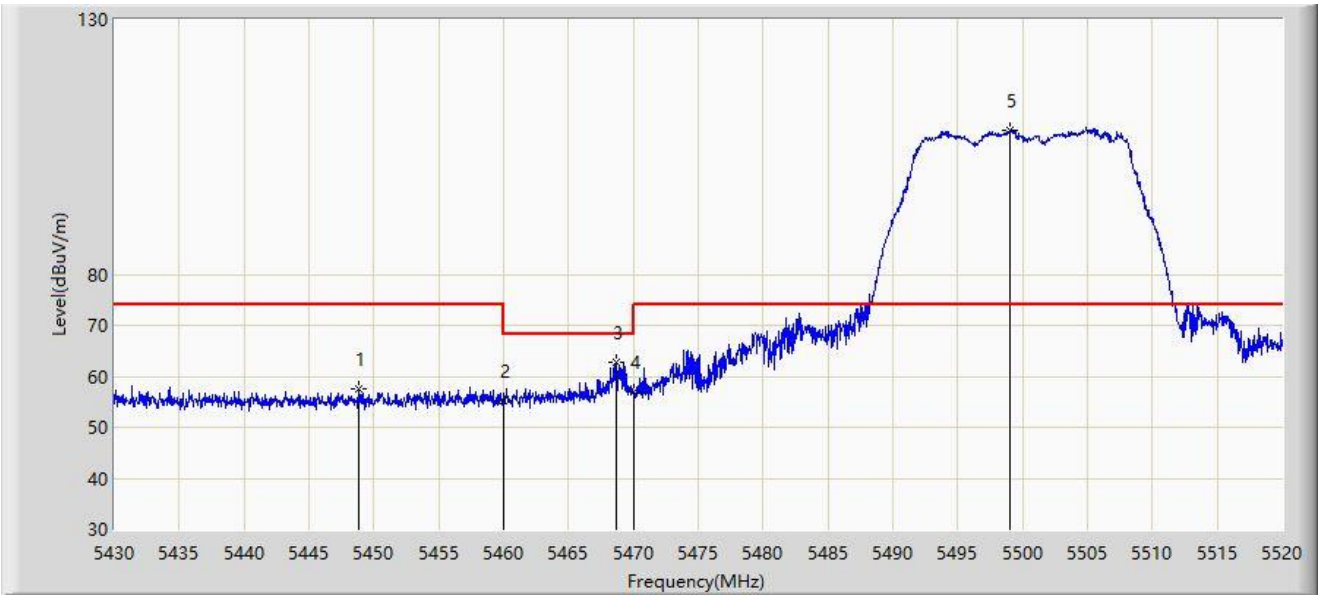
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5321.400	108.108	105.082	N/A	N/A	3.026	AV
2		5350.000	50.482	47.651	-3.518	54.000	2.832	AV
3	*	5351.280	52.262	49.452	-1.738	54.000	2.809	AV

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: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



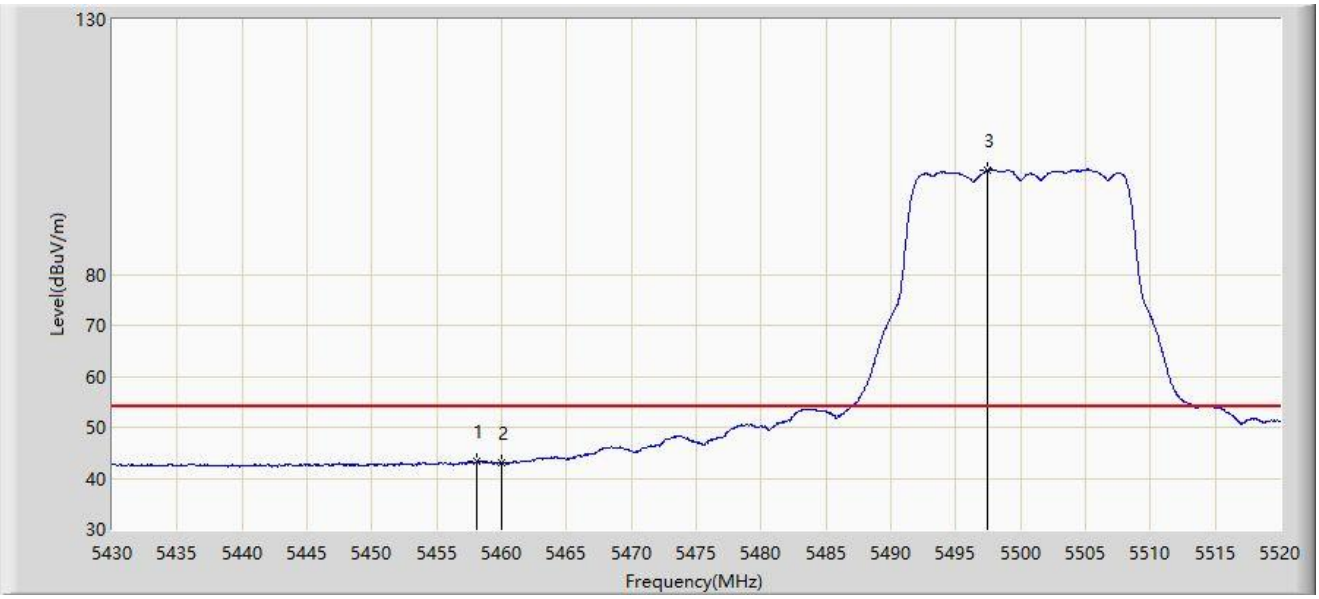
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5448.810	57.517	54.366	-16.483	74.000	3.151	PK
2		5460.000	55.101	51.882	-18.899	74.000	3.219	PK
3	*	5468.700	62.837	59.450	-5.363	68.200	3.387	PK
4		5470.000	57.067	53.655	-11.133	68.200	3.411	PK
5		5499.030	108.126	104.864	N/A	N/A	3.263	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



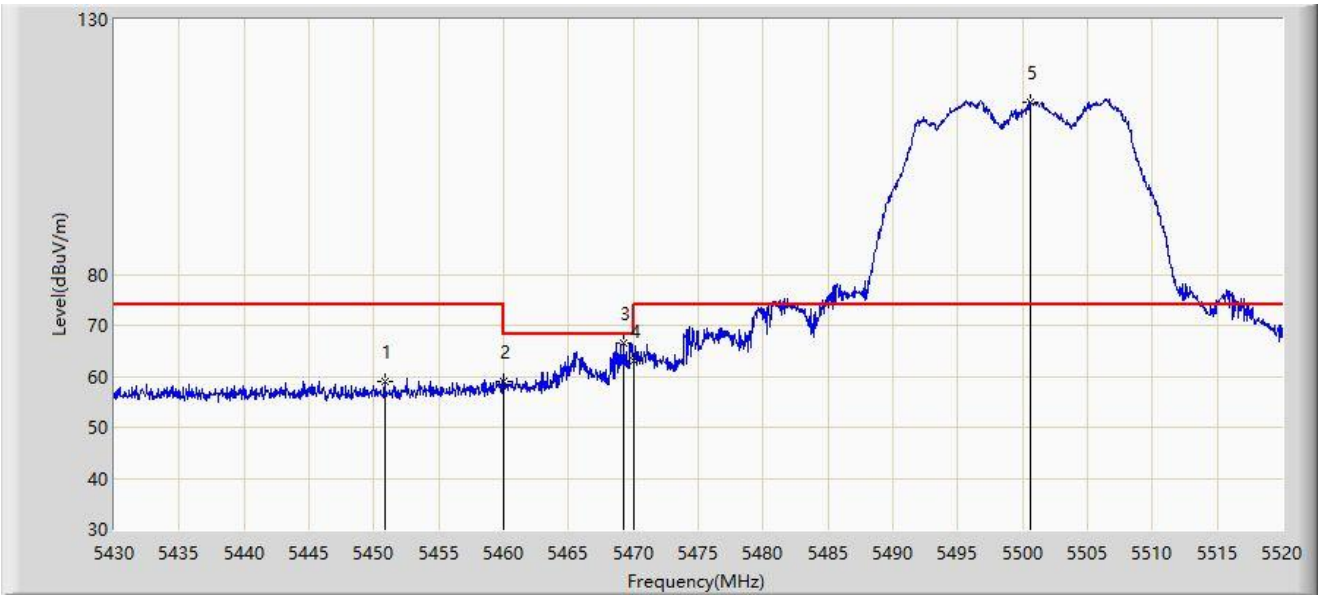
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5458.125	43.215	40.032	-10.785	54.000	3.183	AV
2		5460.000	42.949	39.730	-11.051	54.000	3.219	AV
3		5497.410	100.416	97.142	N/A	N/A	3.274	AV

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: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



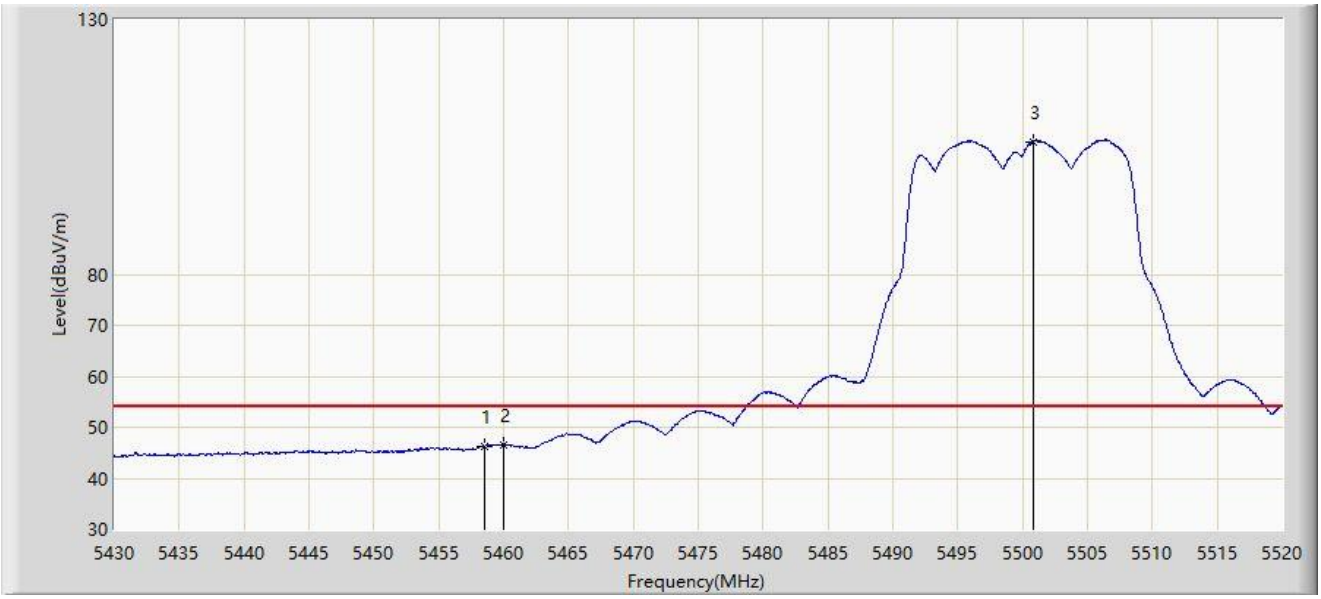
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5450.835	59.076	55.939	-14.924	74.000	3.136	PK
2		5460.000	59.033	55.814	-14.967	74.000	3.219	PK
3	*	5469.285	66.608	63.210	-1.592	68.200	3.398	PK
4		5470.000	63.182	59.770	-5.018	68.200	3.411	PK
5		5500.605	113.828	110.577	N/A	N/A	3.251	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5500MHz	



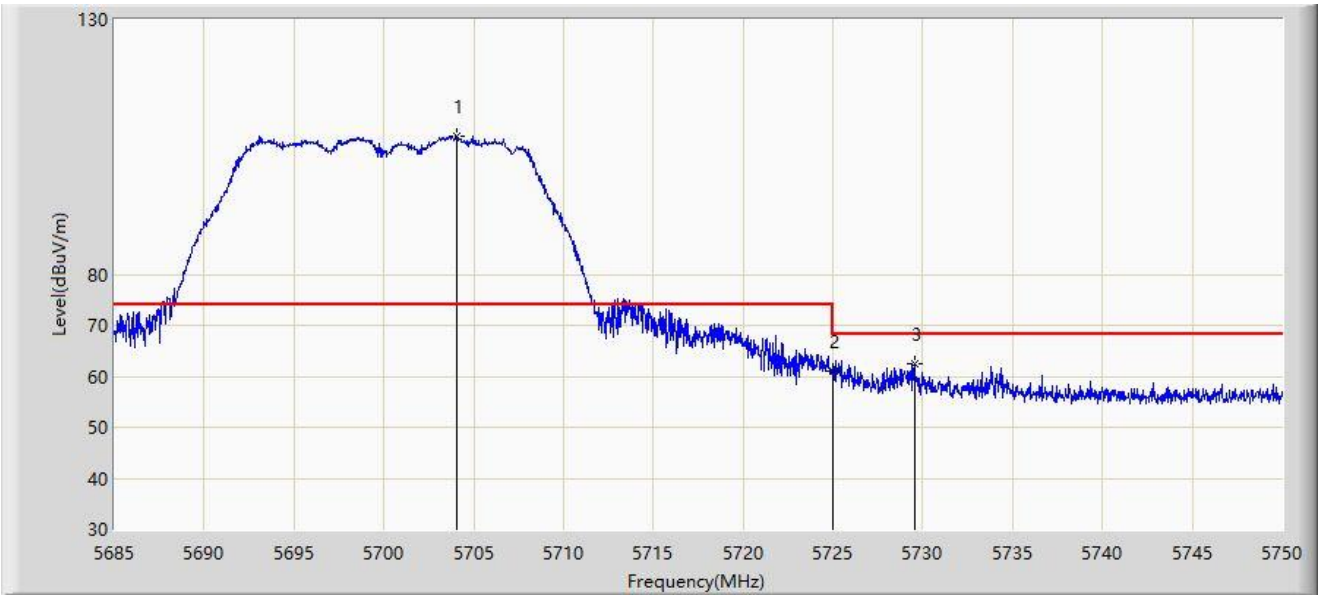
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5458.575	46.345	43.153	-7.655	54.000	3.192	AV
2	*	5460.000	46.660	43.441	-7.340	54.000	3.219	AV
3		5500.785	105.972	102.722	N/A	N/A	3.250	AV

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: WZ-AC2	Test Date: 2023-07-19
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



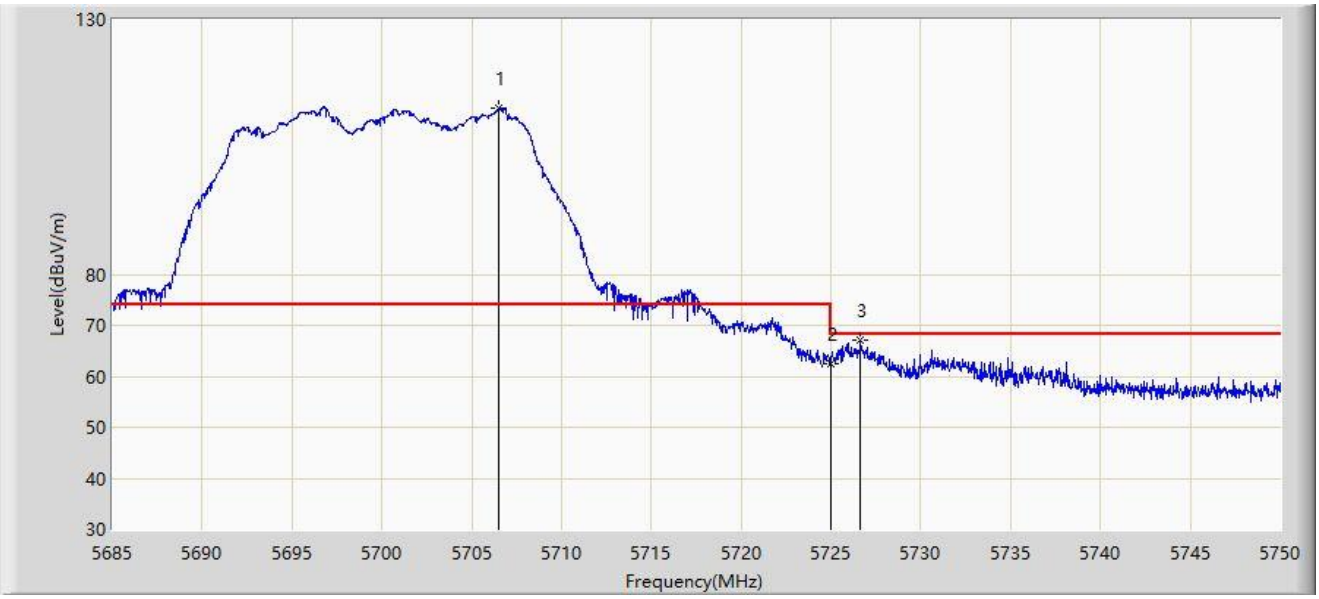
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5704.078	106.967	102.477	N/A	N/A	4.489	PK
2		5725.000	60.983	56.295	-7.217	68.200	4.688	PK
3	*	5729.525	62.591	57.954	-5.609	68.200	4.637	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-19
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5700MHz	



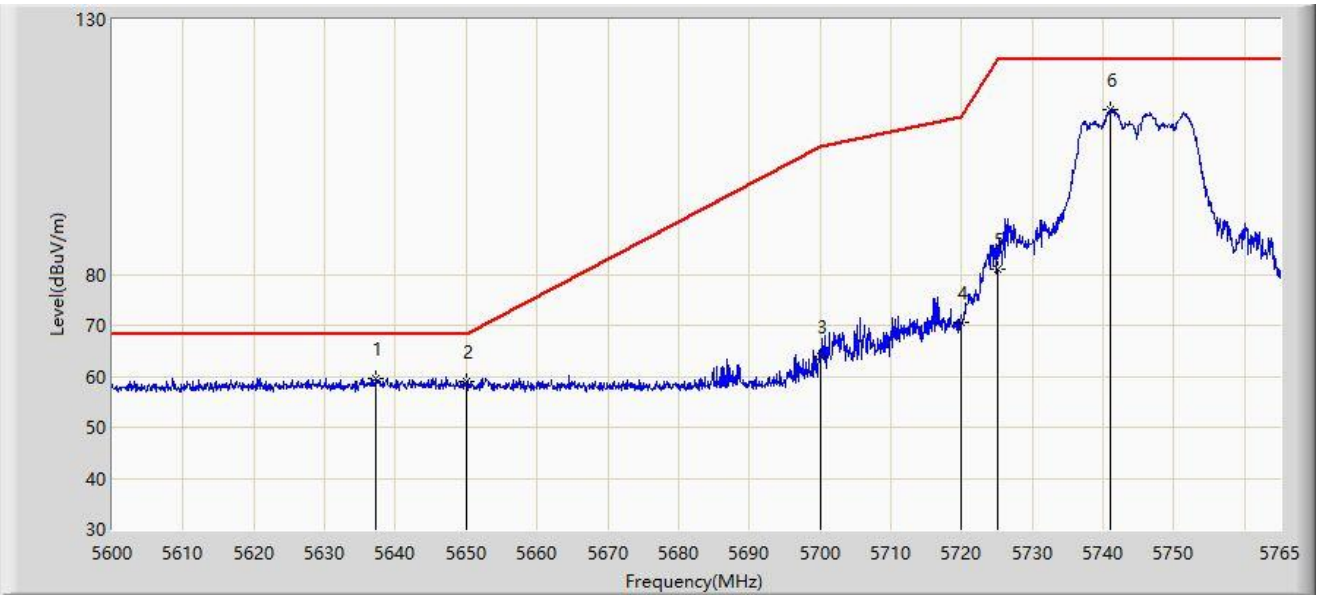
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5706.515	112.464	107.939	N/A	N/A	4.525	PK
2		5725.000	62.570	57.882	-5.630	68.200	4.688	PK
3	*	5726.632	67.171	62.482	-1.029	68.200	4.689	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5.8G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



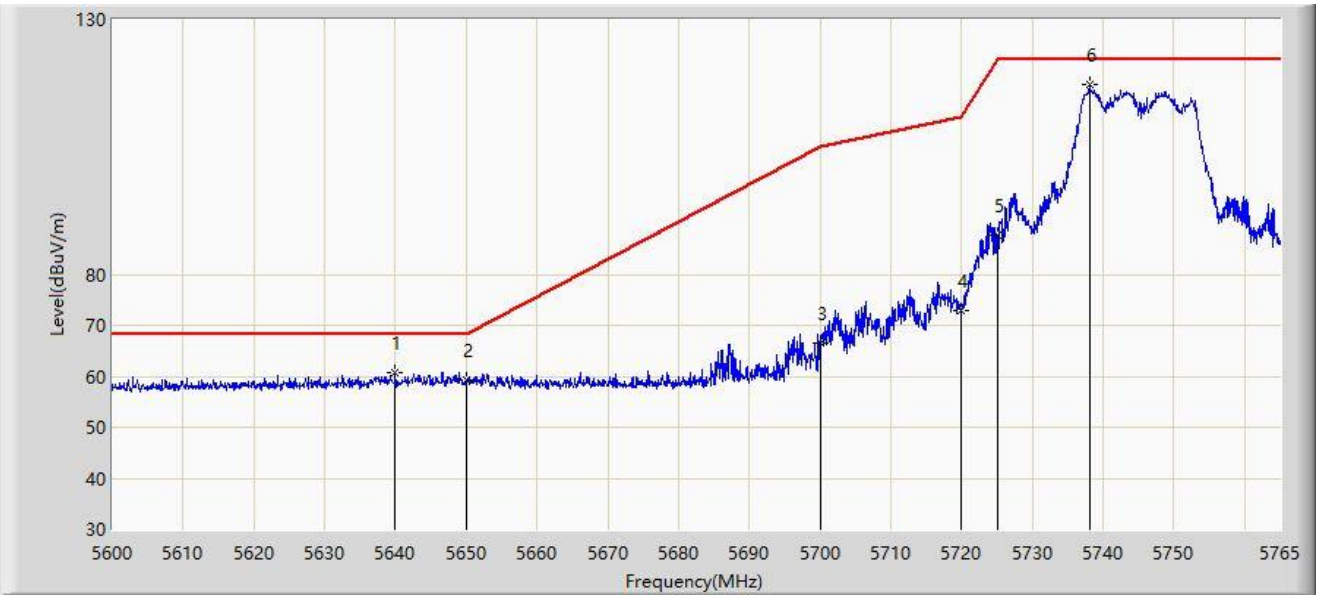
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5637.125	59.676	55.515	-8.524	68.200	4.161	PK
2		5650.000	58.965	54.805	-9.235	68.200	4.160	PK
3		5700.000	63.984	59.554	-41.216	105.200	4.430	PK
4		5720.000	70.461	65.811	-40.339	110.800	4.649	PK
5		5725.000	81.069	76.381	-41.131	122.200	4.688	PK
6		5740.993	112.199	107.768	N/A	N/A	4.431	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5.8G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5745MHz	



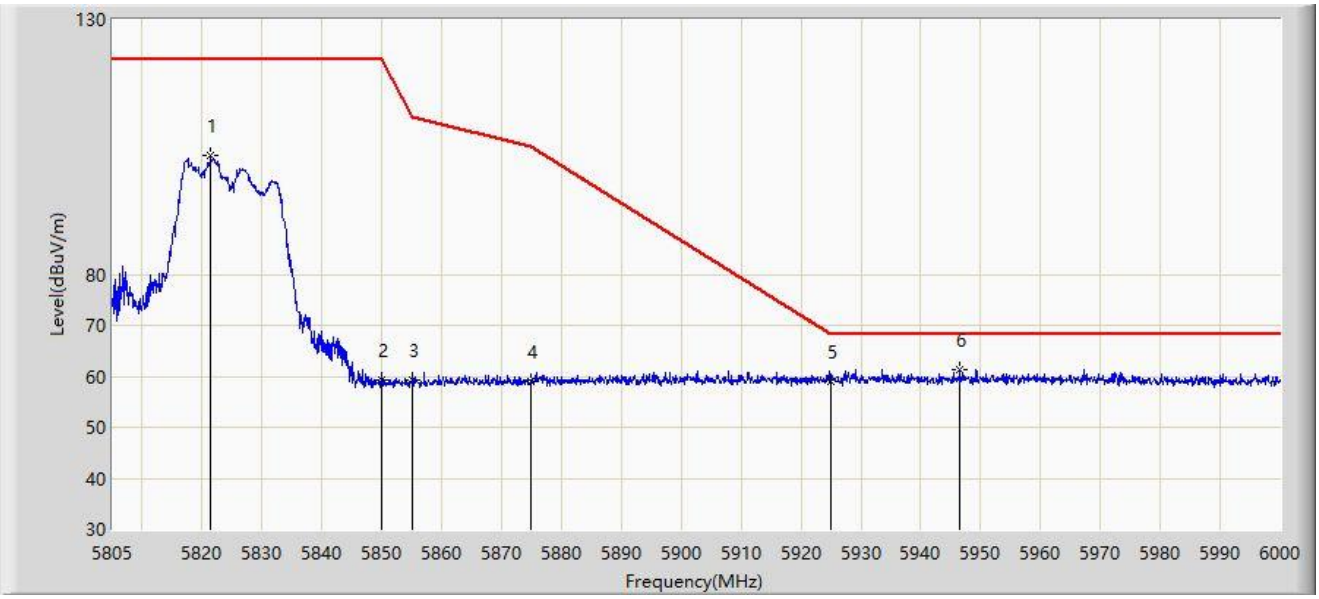
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5639.930	60.594	56.397	-7.606	68.200	4.197	PK
2		5650.000	59.302	55.142	-8.898	68.200	4.160	PK
3		5700.000	66.625	62.195	-38.575	105.200	4.430	PK
4		5720.000	72.843	68.193	-37.957	110.800	4.649	PK
5		5725.000	87.802	83.114	-34.398	122.200	4.688	PK
6		5738.022	117.192	112.708	N/A	N/A	4.484	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5.8G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



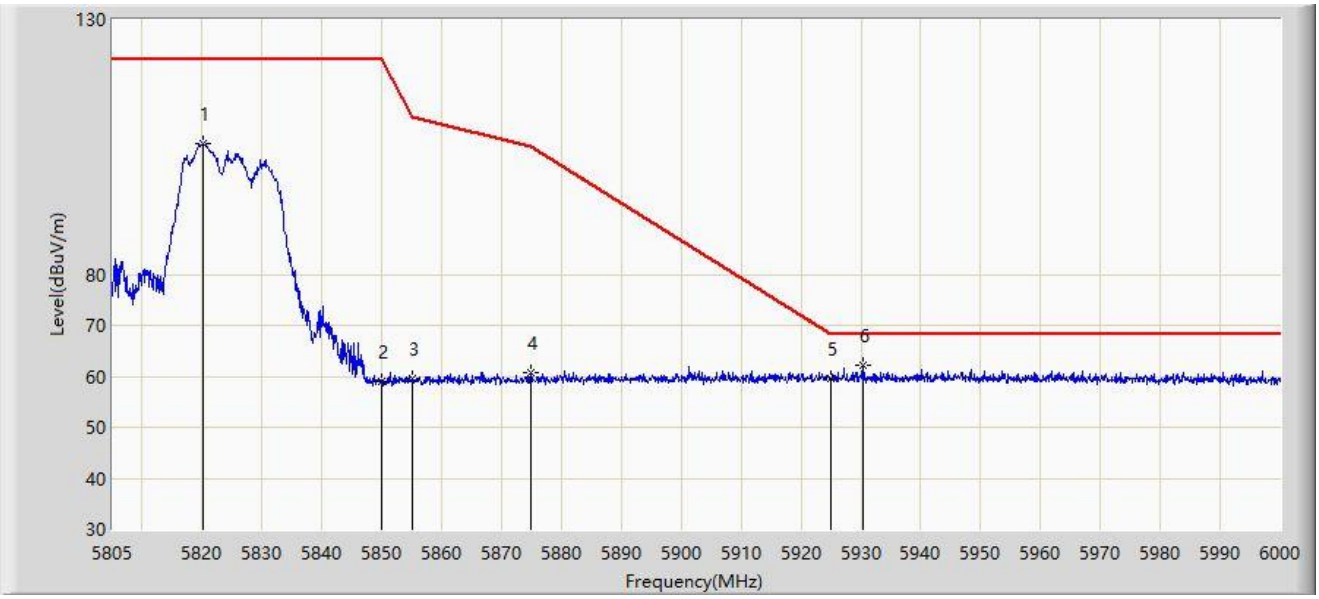
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5821.478	103.202	98.315	N/A	N/A	4.888	PK
2		5850.000	59.272	54.312	-62.928	122.200	4.960	PK
3		5855.000	59.263	54.244	-51.537	110.800	5.019	PK
4		5875.000	59.070	53.934	-46.130	105.200	5.136	PK
5		5925.000	59.105	53.835	-9.095	68.200	5.271	PK
6	*	5946.570	61.214	55.842	-6.986	68.200	5.373	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5.8G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5825MHz	



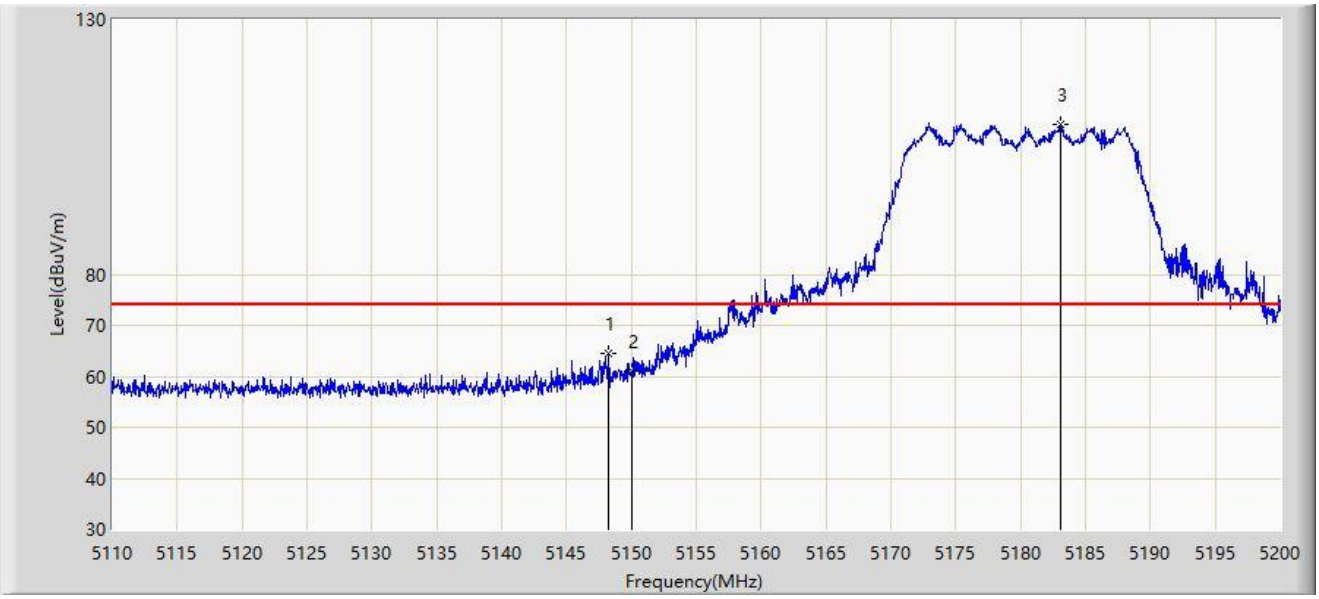
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5820.112	105.562	100.659	N/A	N/A	4.903	PK
2		5850.000	58.904	53.944	-63.296	122.200	4.960	PK
3		5855.000	59.472	54.453	-51.328	110.800	5.019	PK
4		5875.000	60.717	55.581	-44.483	105.200	5.136	PK
5		5925.000	59.598	54.328	-8.602	68.200	5.271	PK
6	*	5930.288	62.149	56.850	-6.051	68.200	5.300	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-19
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



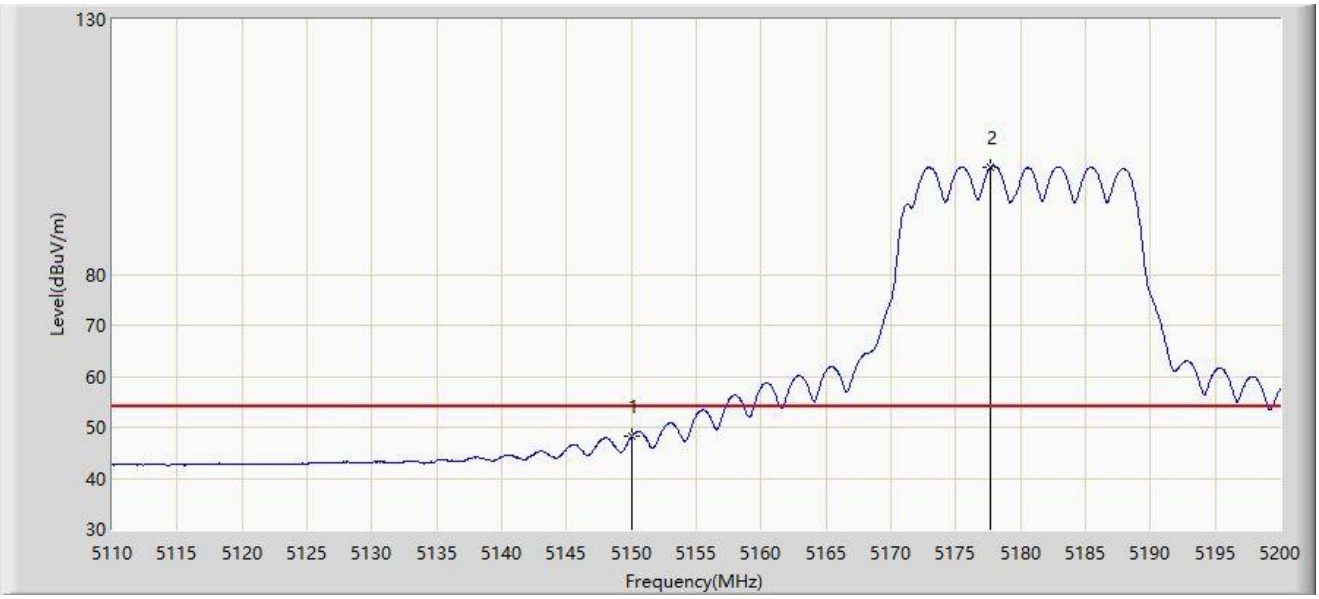
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.250	64.435	60.942	-9.565	74.000	3.492	PK
2		5150.000	60.916	57.417	-13.084	74.000	3.499	PK
3		5183.080	109.479	106.227	N/A	N/A	3.252	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-19
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



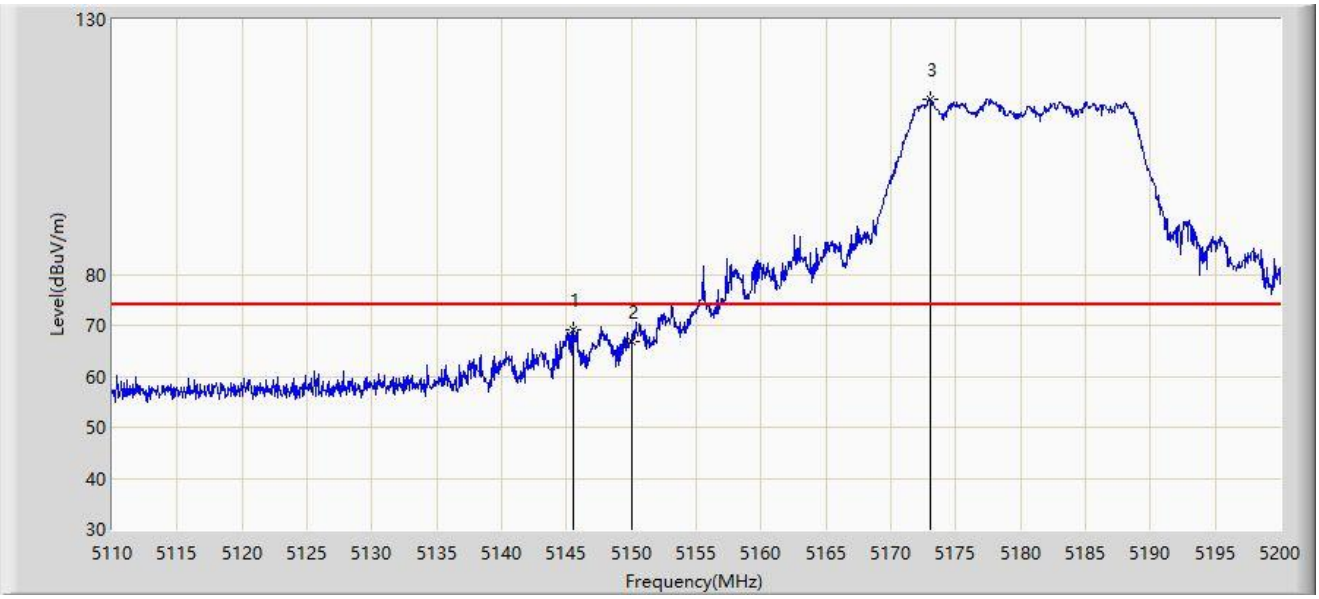
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	48.152	44.653	-5.848	54.000	3.499	AV
2		5177.725	101.040	97.682	N/A	N/A	3.358	AV

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: WZ-AC2	Test Date: 2023-07-19
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



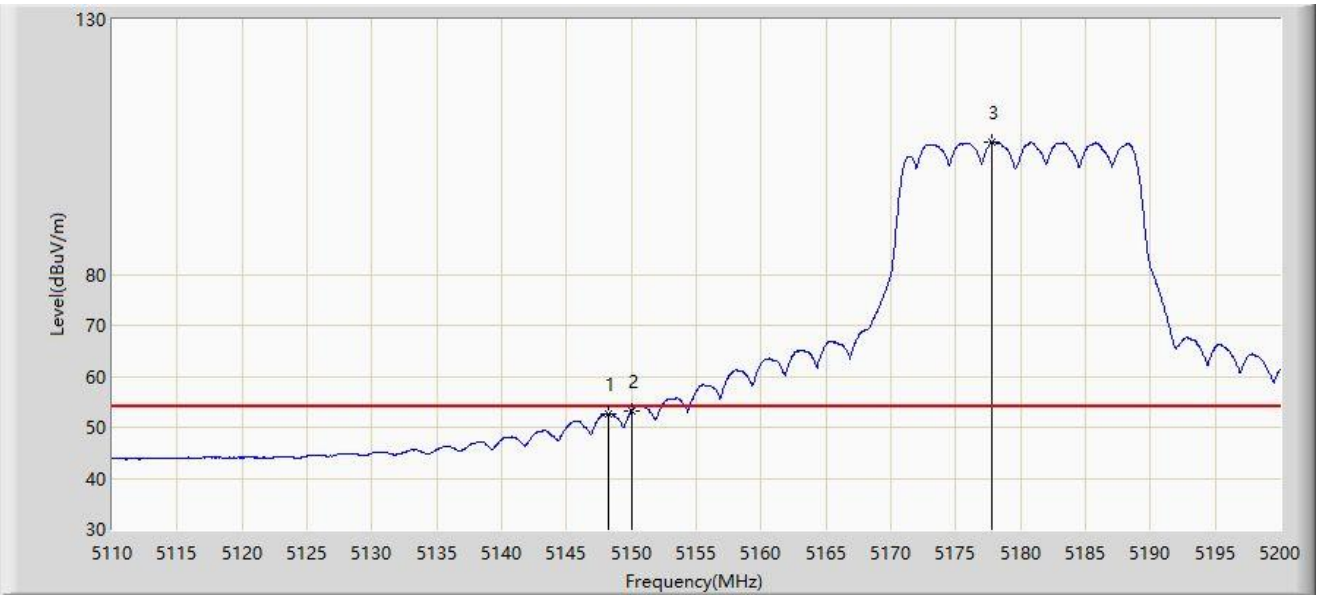
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5145.505	69.275	65.819	-4.725	74.000	3.456	PK
2		5150.000	66.786	63.287	-7.214	74.000	3.499	PK
3		5173.045	114.318	110.871	N/A	N/A	3.447	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-19
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5180MHz	



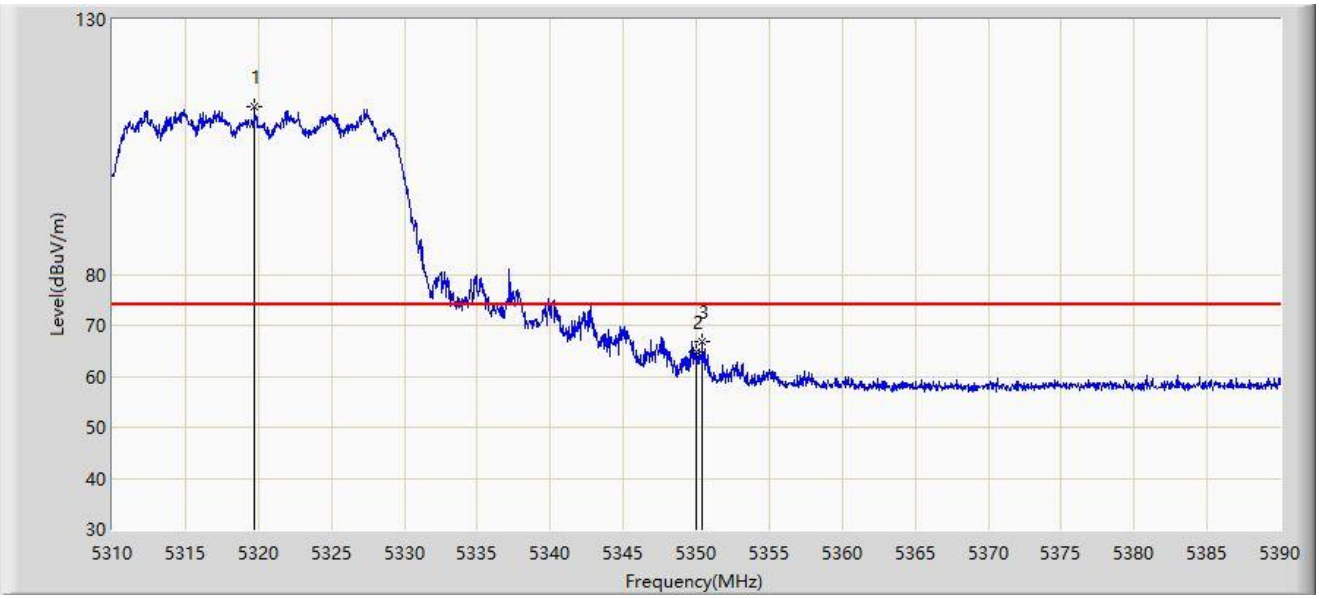
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5148.205	52.689	49.197	-1.311	54.000	3.492	AV
2	*	5150.000	53.255	49.756	-0.745	54.000	3.499	AV
3		5177.815	105.939	102.583	N/A	N/A	3.356	AV

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: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



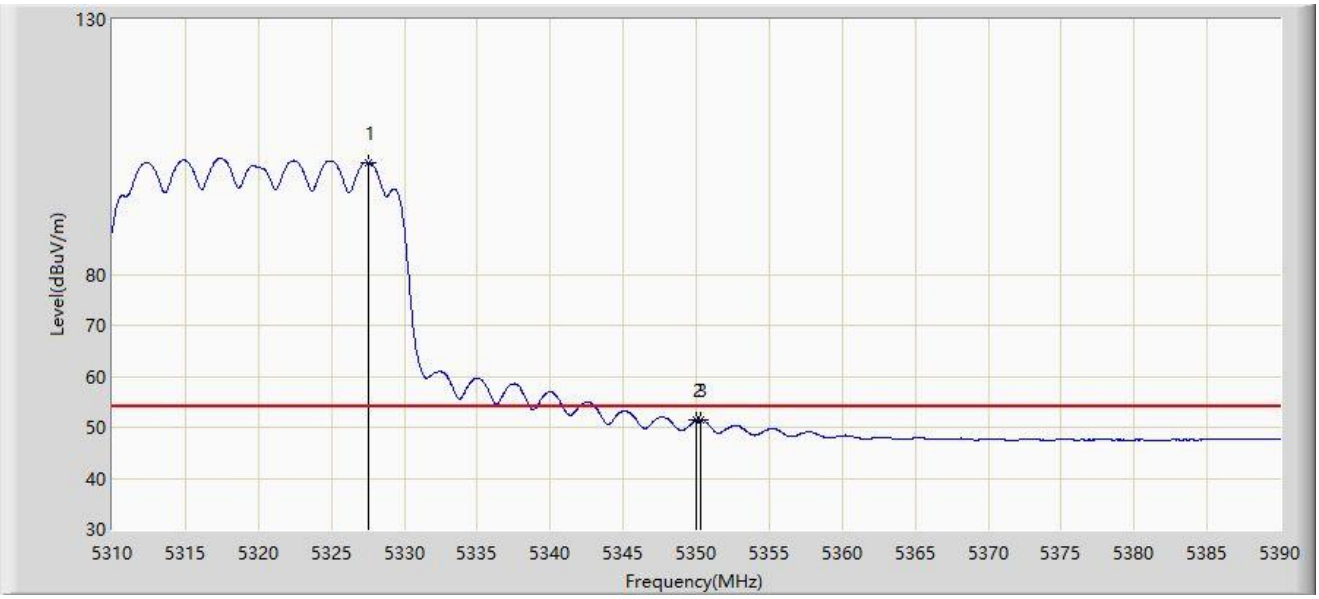
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5319.720	112.789	109.759	N/A	N/A	3.030	PK
2		5350.000	64.819	61.988	-9.181	74.000	2.832	PK
3	*	5350.400	66.918	64.093	-7.082	74.000	2.825	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



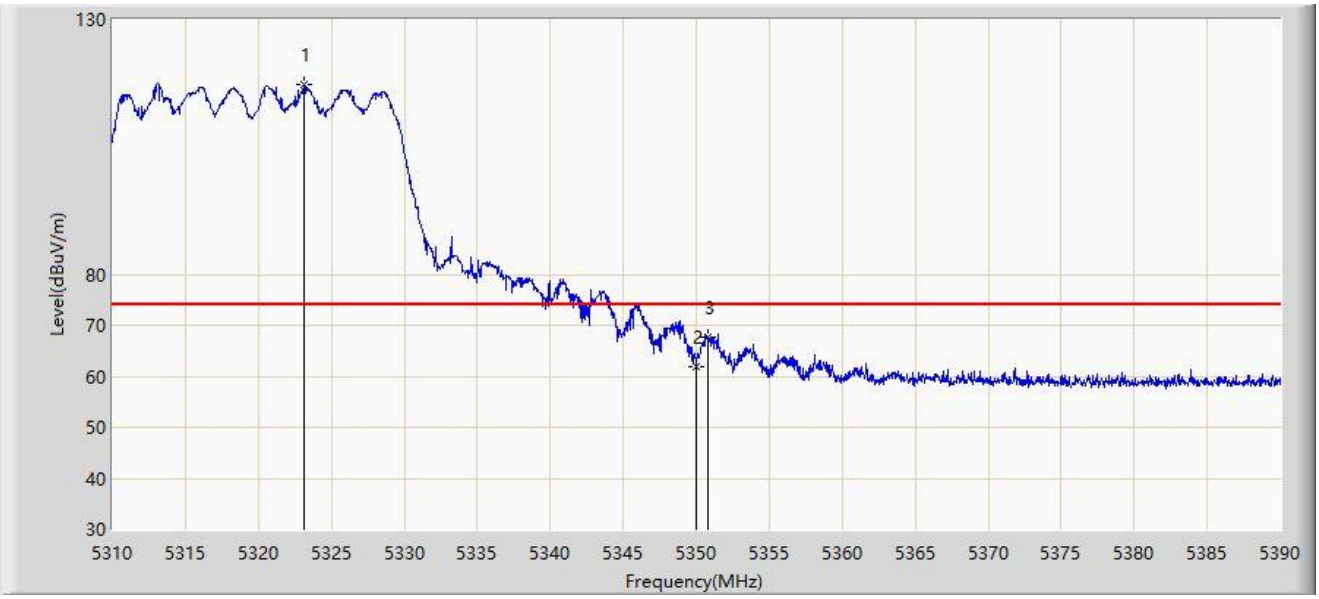
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5327.520	101.967	98.953	N/A	N/A	3.014	AV
2		5350.000	51.306	48.475	-2.694	54.000	2.832	AV
3	*	5350.320	51.543	48.717	-2.457	54.000	2.826	AV

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: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



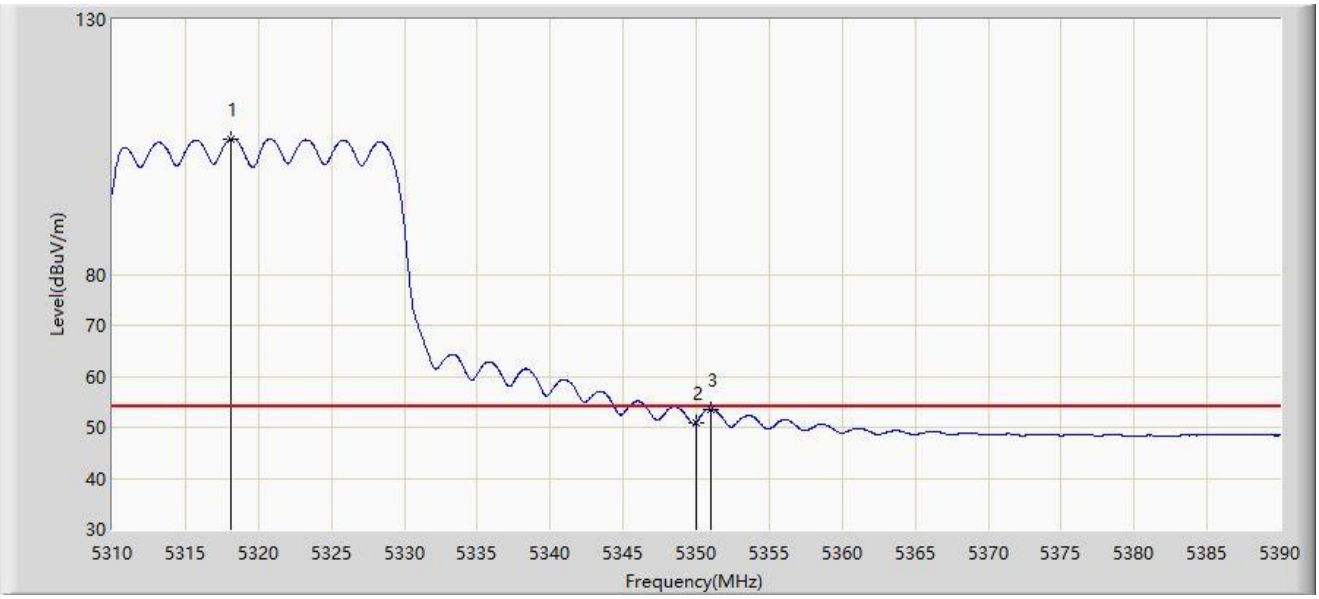
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5323.160	117.218	114.195	N/A	N/A	3.022	PK
2		5350.000	61.835	59.004	-12.165	74.000	2.832	PK
3	*	5350.840	67.822	65.005	-6.178	74.000	2.817	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-15
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5320MHz	



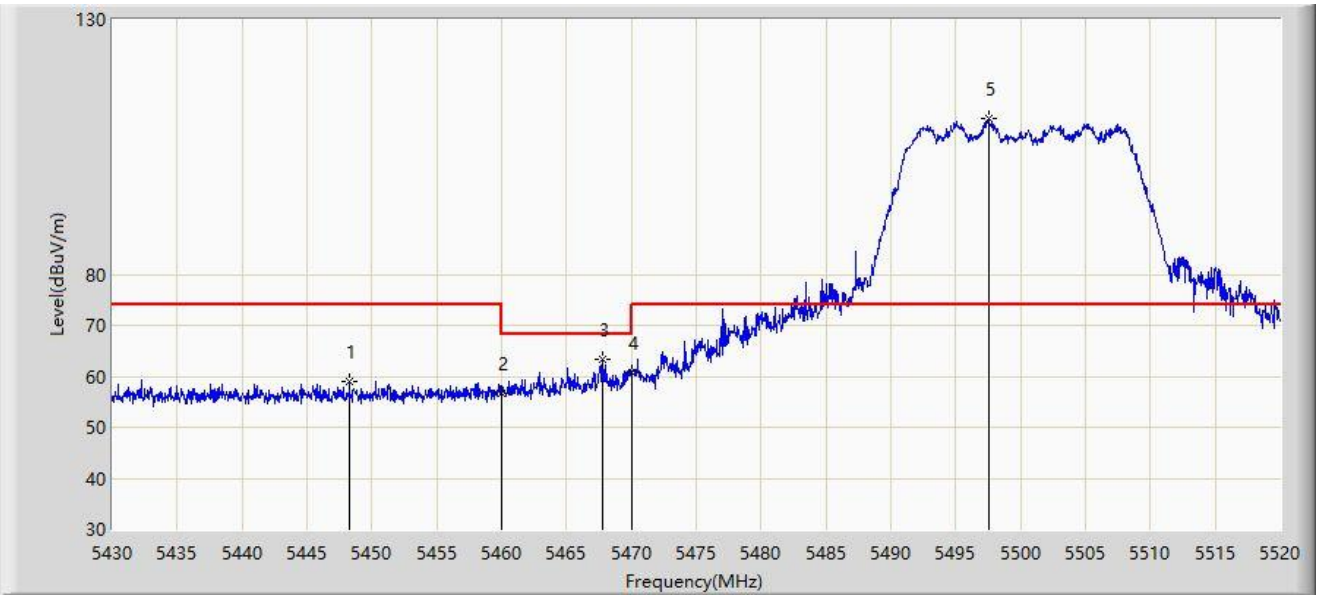
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5318.160	106.553	103.520	N/A	N/A	3.033	AV
2		5350.000	51.007	48.176	-2.993	54.000	2.832	AV
3	*	5350.960	53.582	50.767	-0.418	54.000	2.815	AV

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: WZ-AC2	Test Date: 2023-07-19
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



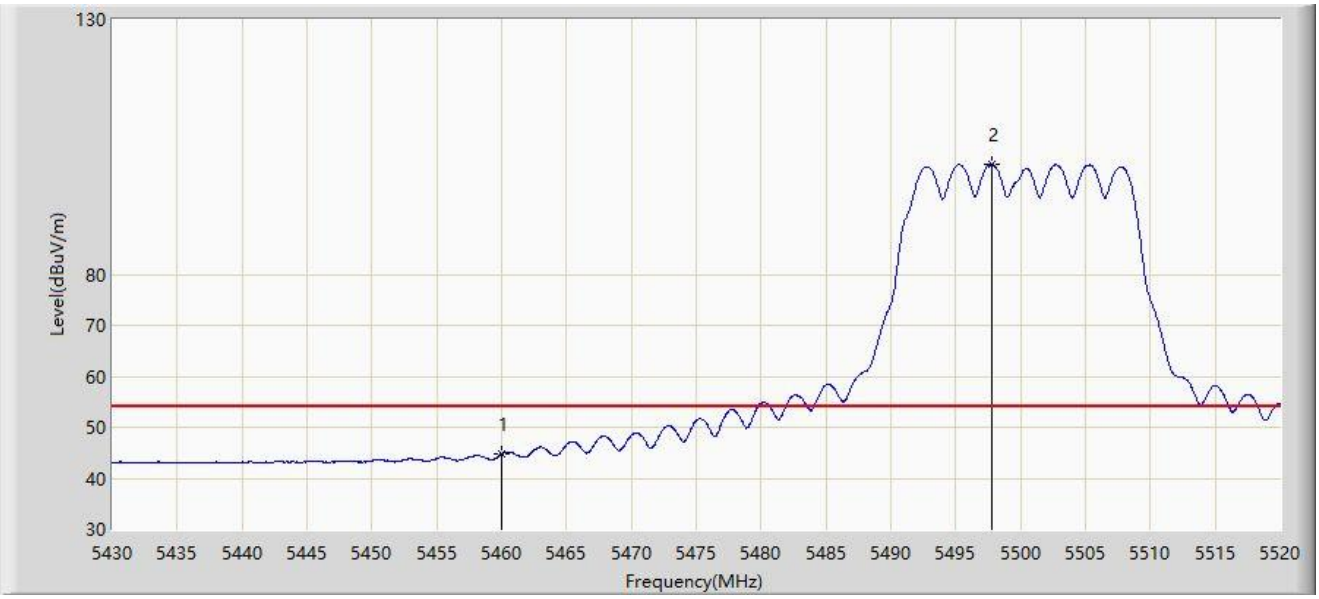
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5448.270	58.870	55.715	-15.130	74.000	3.155	PK
2		5460.000	56.769	53.550	-17.231	74.000	3.219	PK
3	*	5467.755	63.196	59.827	-5.004	68.200	3.369	PK
4		5470.000	60.704	57.292	-7.496	68.200	3.411	PK
5		5497.500	110.568	107.295	N/A	N/A	3.273	PK

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

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

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

Site: WZ-AC2	Test Date: 2023-07-19
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



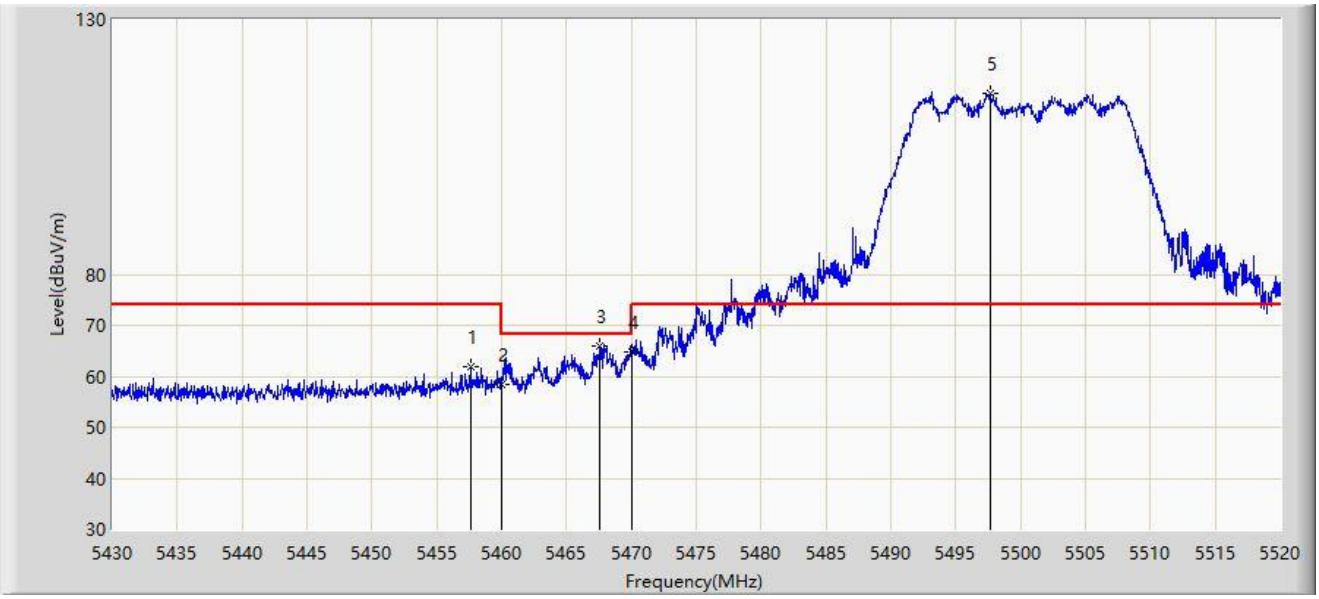
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5460.000	44.737	41.518	-9.263	54.000	3.219	AV
2		5497.815	101.701	98.430	N/A	N/A	3.271	AV

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: WZ-AC2	Test Date: 2023-07-19
Limit: FCC_5G_RE(3m)	Engineer: Edith Yu
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: HPE Aruba User Experience Sensor	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5457.585	61.920	58.747	-12.080	74.000	3.172	PK
2		5460.000	58.531	55.312	-15.469	74.000	3.219	PK
3	*	5467.575	66.015	62.650	-2.185	68.200	3.364	PK
4		5470.000	64.675	61.263	-3.525	68.200	3.411	PK
5		5497.635	115.529	112.257	N/A	N/A	3.272	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).