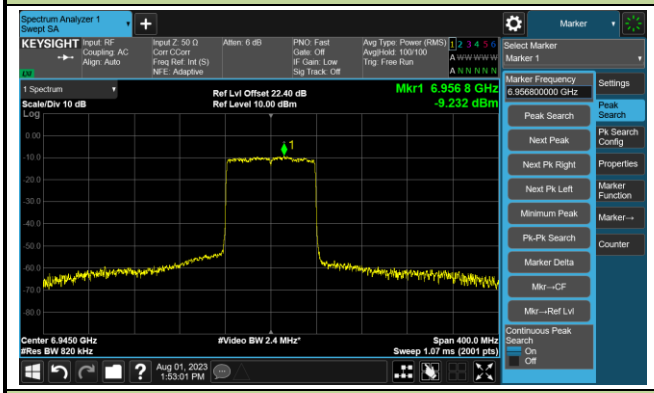
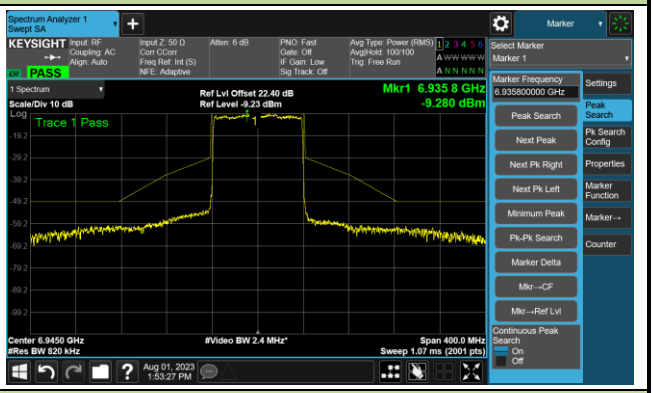
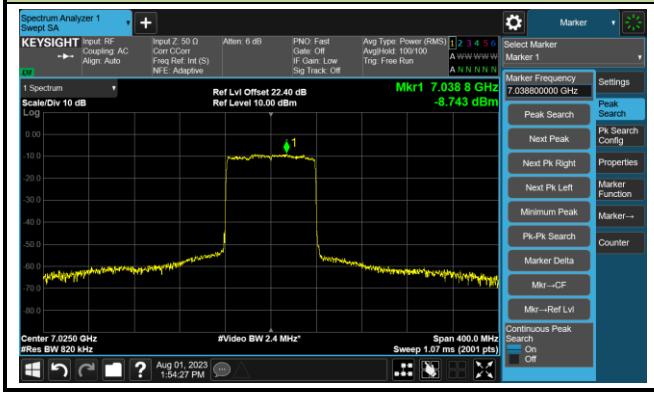
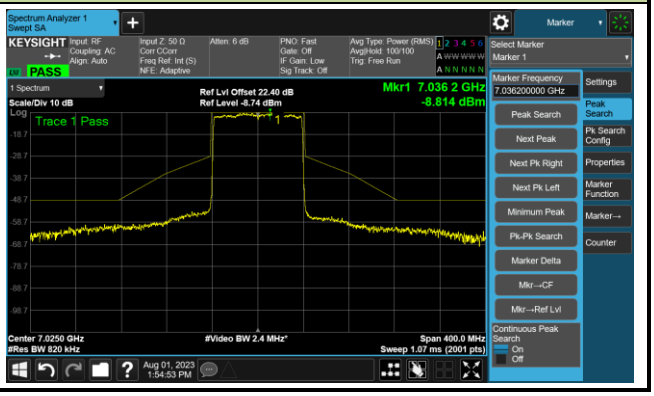
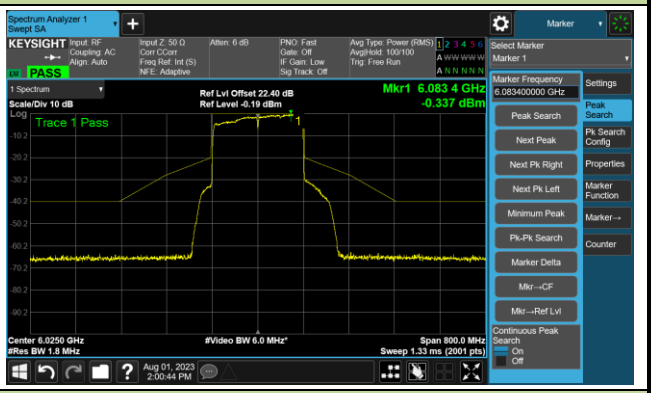
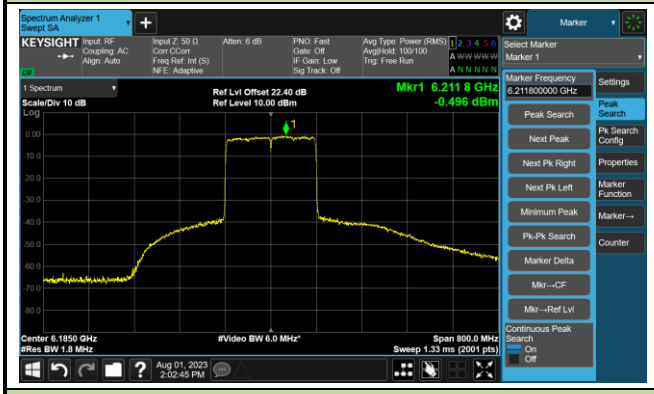
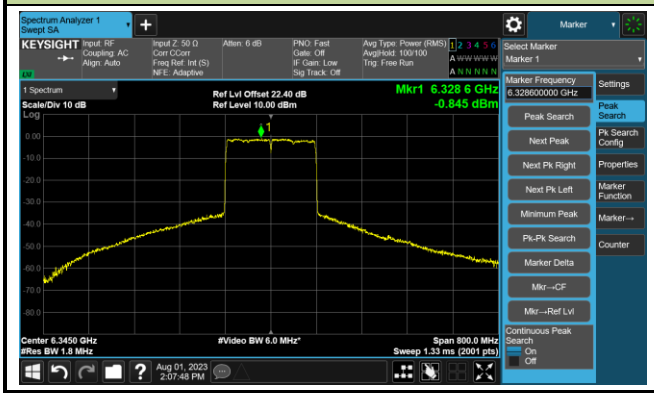
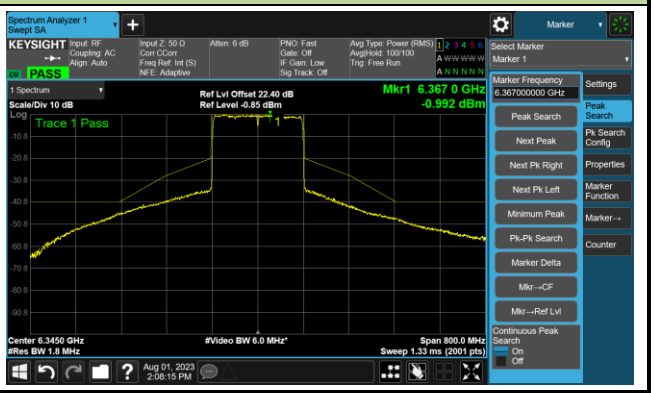
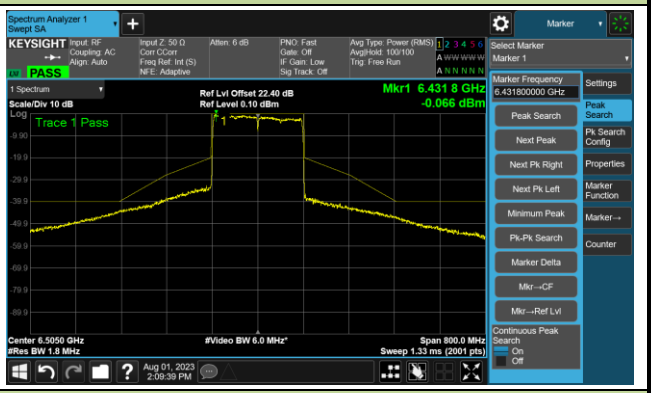
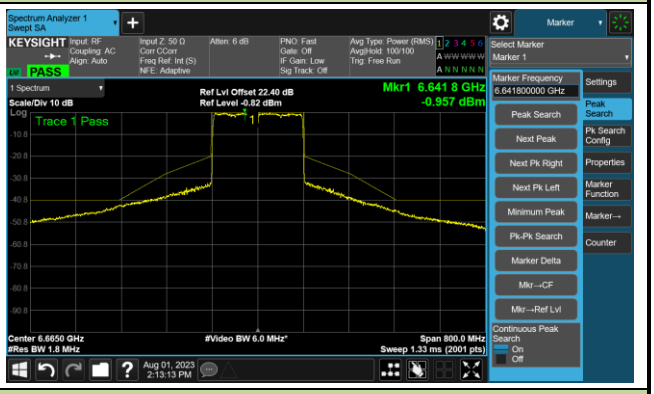
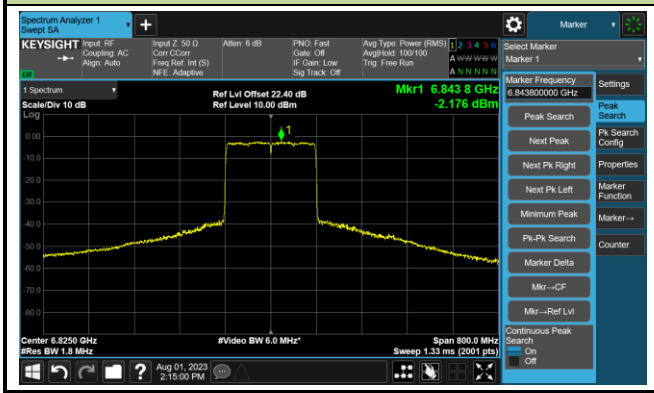
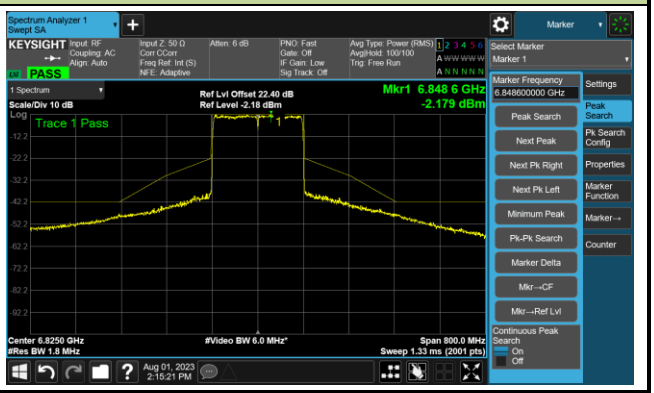
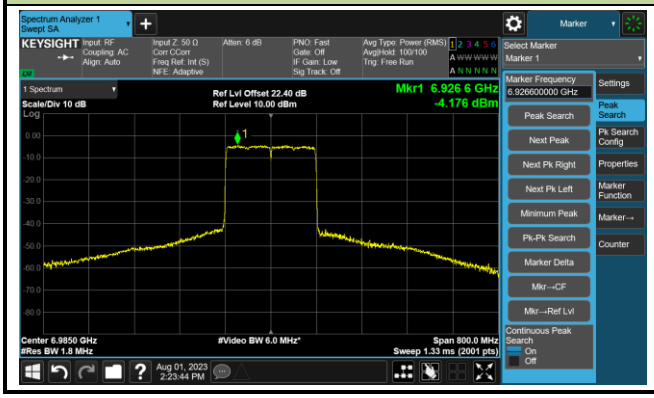
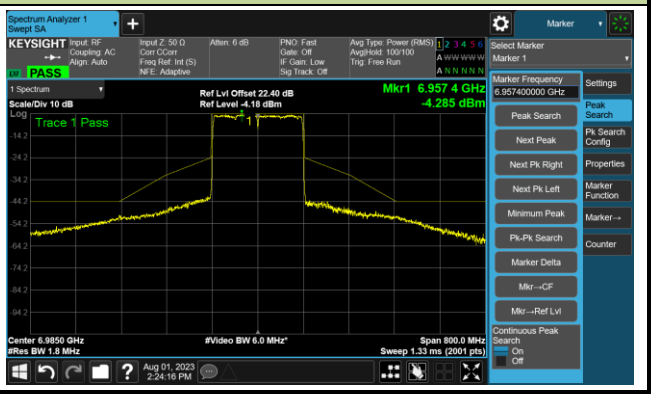
802.11ax-HE80 - Ant 1	
Channel 199 (6945MHz)	
The Reference Level	The Mask Data
	
Channel 215 (7025MHz)	
The Reference Level	The Mask Data
	

802.11ax-HE160 - Ant 1	
Channel 15 (6025MHz)	
The Reference Level	The Mask Data
	
Channel 47 (6185MHz)	
The Reference Level	The Mask Data
	
Channel 79 (6345MHz)	
The Reference Level	The Mask Data
	

802.11ax-HE160 - Ant 1	
Channel 111 (6505MHz)	
The Reference Level	The Mask Data
	
Channel 143 (6665MHz)	
The Reference Level	The Mask Data
	
Channel 175 (6825MHz)	
The Reference Level	The Mask Data
	

802.11ax-HE160 - Ant 1	
Channel 207 (6985MHz)	
The Reference Level	The Mask Data
	

A.6 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Amy Zhang
Test Date	2023-08-02		
Test Mode	5955MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	43.15	43.10	43.06	43.01
		- 20	43.00	43.08	43.10	43.10
		- 10	38.42	39.02	39.94	40.14
		0	35.51	35.74	36.05	36.53
		+ 10	31.53	32.41	32.88	33.13
		+ 20	29.46	29.58	29.74	30.24
		+ 30	26.03	26.14	26.29	27.12
		+ 40	24.36	24.48	24.51	24.55
		+ 50	27.09	26.24	25.43	24.60
115	138	+ 20	29.22	29.13	29.05	29.06
85	102	+ 20	31.20	29.62	29.36	29.26

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

A.7 Contention Based Protocol Test Result

Test Site	WZ-SR5	Test Engineer	Jeff Yang
Test Date	2023-09-15 ~ 2023-09-20		

Test Channel	Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	Ant. Gain (dBi)	Adjust Power (dBm)	Detection Limit (dBm)	Detected Number	Detection Probability (%)	Limit (%)	Test Result
Operation Band: U-NII 5											
33	20	6115	6115	-66	2.70	-68.70	≤ -62.0	10	100	90	Pass
47	160	6185	6110	-66	2.70	-68.70	≤ -62.0	10	100	90	Pass
47	160	6185	6185	-63	2.70	-65.70	≤ -62.0	10	100	90	Pass
47	160	6185	6260	-69	2.70	-71.70	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
97	20	6455	6455	-70	3.10	-73.10	≤ -62.0	10	100	90	Pass
103	80	6465	6430	-68	3.10	-71.10	≤ -62.0	10	100	90	Pass
103	80	6465	6465	-71	3.10	-74.10	≤ -62.0	10	100	90	Pass
103	80	6465	6500	-69	3.10	-72.10	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
153	20	6715	6715	-65	3.10	-68.10	≤ -62.0	10	100	90	Pass
143	160	6665	6590	-63	3.10	-66.10	≤ -62.0	10	100	90	Pass
143	160	6665	6665	-62	3.10	-65.10	≤ -62.0	10	100	90	Pass
143	160	6665	6740	-67	3.10	-70.10	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-60	3.20	-63.20	≤ -62.0	10	100	90	Pass
207	160	6985	6910	-65	3.20	-68.20	≤ -62.0	10	100	90	Pass
207	160	6985	6985	-64	3.20	-67.20	≤ -62.0	10	100	90	Pass
207	160	6985	7060	-64	3.20	-67.20	≤ -62.0	10	100	90	Pass

Note 1: Adjust Power (dBm) = AWGN Power (dBm) – Antenna Gain (dBi).

Note 2: Conducted measurements are used.

Test Site	WZ-SR5	Test Engineer	Jeff Yang
Test Date	2023-09-15 ~ 2023-09-20		

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6115	6115	-72.7	ON
			-71.7	Minimal
			-68.7	OFF
160	6185	6110	-74.7	ON
			-73.7	Minimal
			-68.7	OFF
160	6185	6185	-74.7	ON
			-73.7	Minimal
			-65.7	OFF
160	6185	6260	-74.7	ON
			-73.7	Minimal
			-71.7	OFF
Operation Band: U-NII 6				
20	6455	6455	-76.1	ON
			-75.1	Minimal
			-73.1	OFF
80	6465	6430	-75.1	ON
			-74.1	Minimal
			-71.1	OFF
80	6465	6465	-75.1	ON
			-74.1	Minimal
			-74.1	OFF
80	6465	6500	-75.1	ON
			-74.1	Minimal
			-72.1	OFF

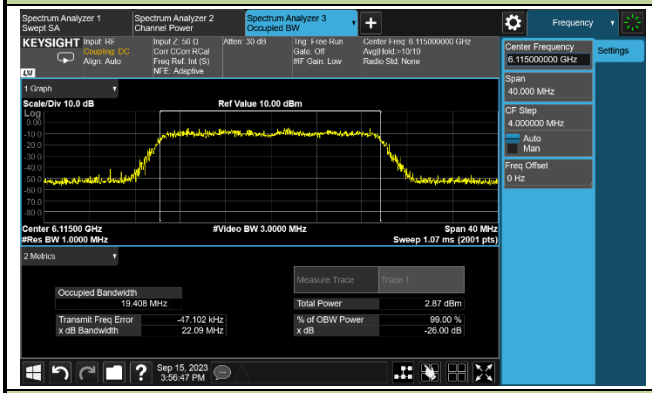
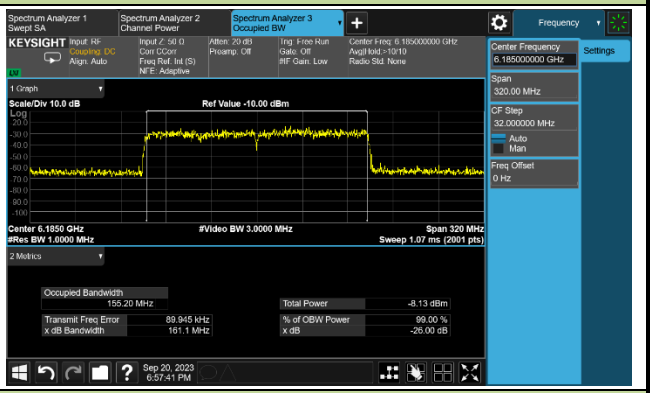
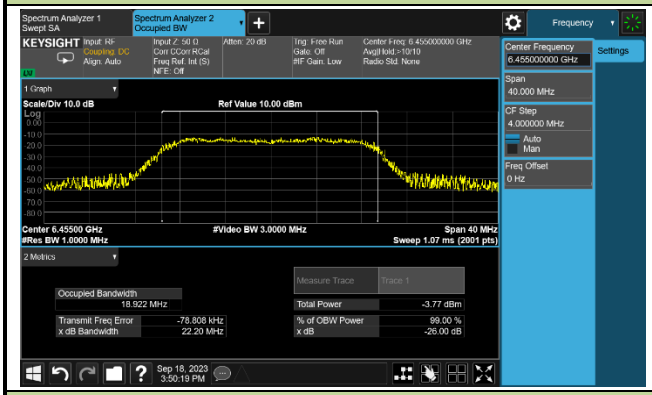
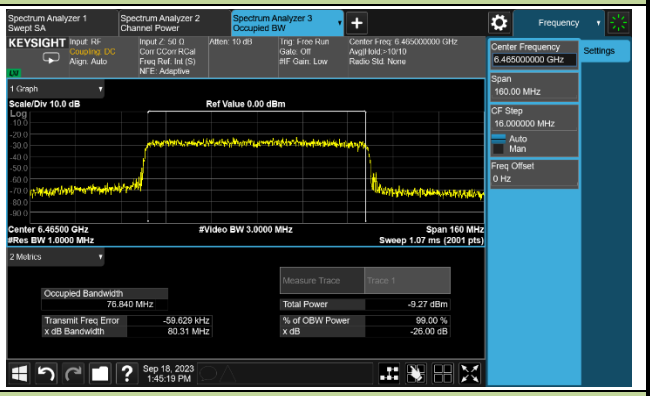
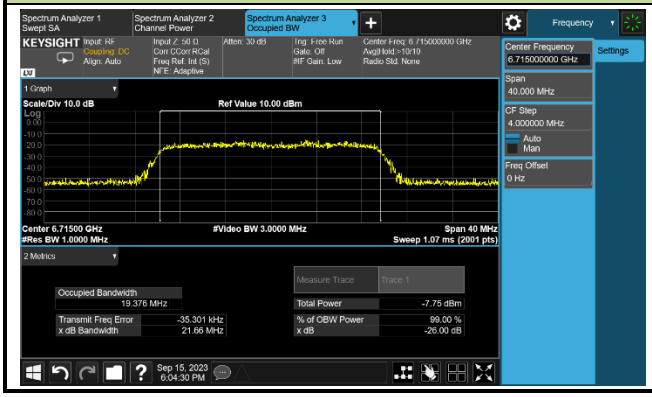
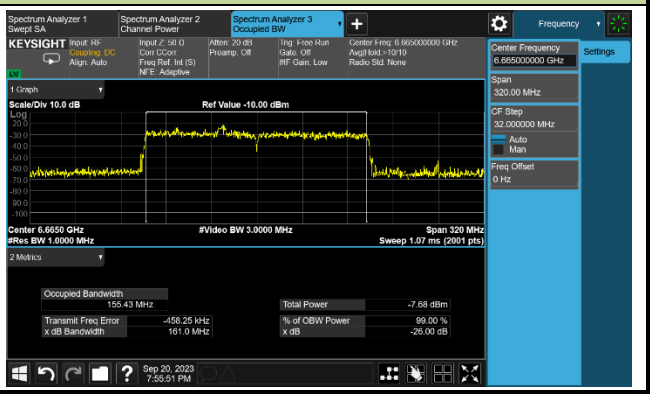
Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
20	6715	6715	-73.10	ON
			-72.10	Minimal
			-68.10	OFF
160	6665	6590	-76.10	ON
			-75.10	Minimal
			-66.10	OFF
160	6665	6665	-74.10	ON
			-73.10	Minimal
			-65.10	OFF
160	6665	6740	-73.10	ON
			-72.10	Minimal
			-70.10	OFF
Operation Band: U-NII 8				
20	7015	7015	-68.20	ON
			-67.20	Minimal
			-63.20	OFF
160	6985	6910	-70.20	ON
			-69.20	Minimal
			-68.20	OFF
160	6985	6985	-70.20	ON
			-69.20	Minimal
			-67.20	OFF
160	6985	7060	-70.20	ON
			-69.20	Minimal
			-67.20	OFF

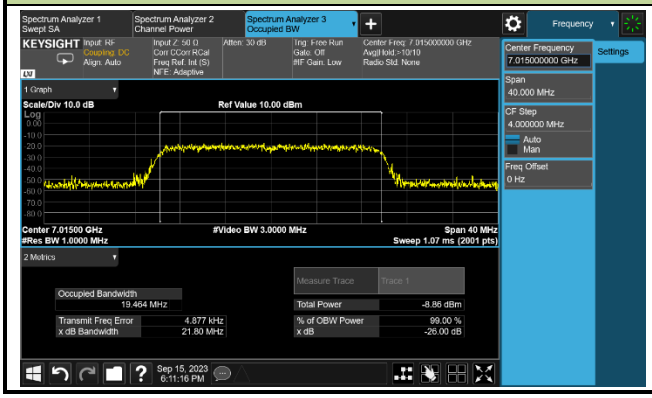
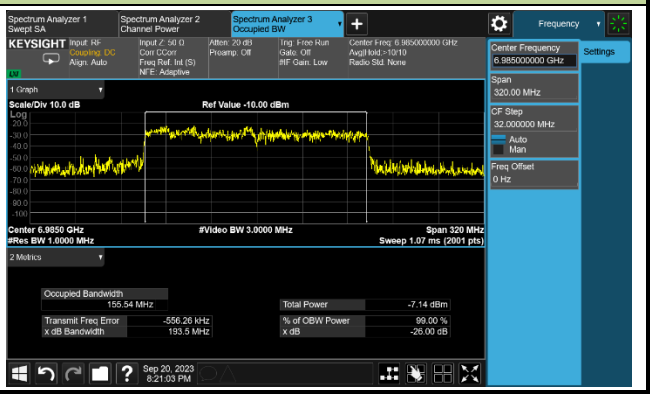
Note:

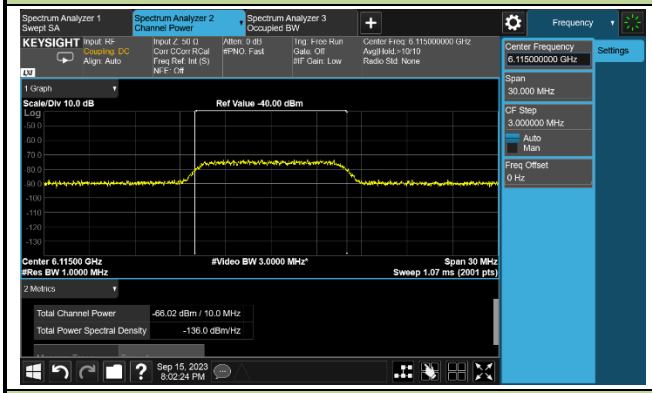
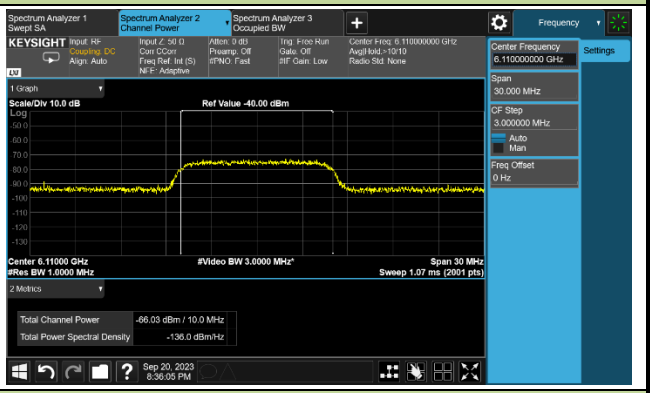
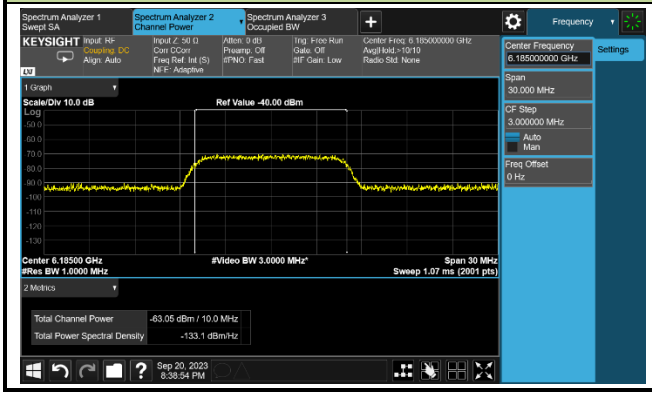
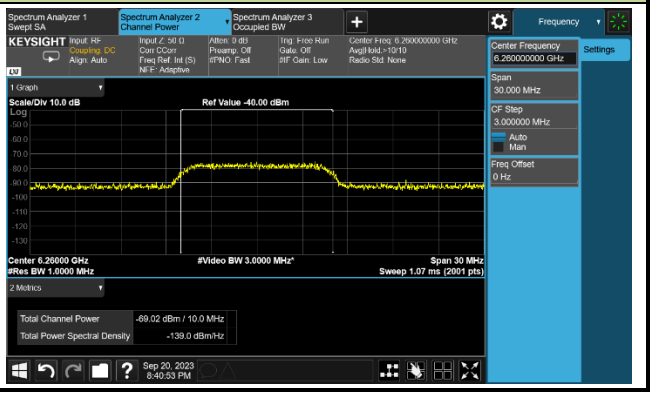
OFF: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds

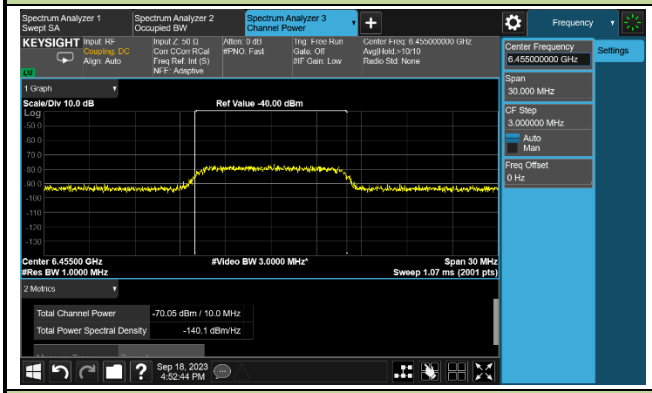
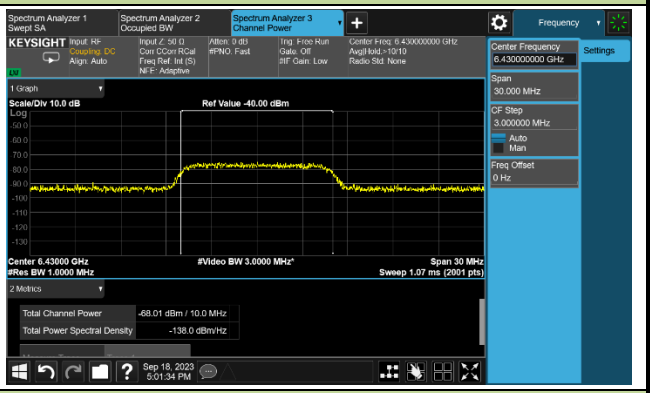
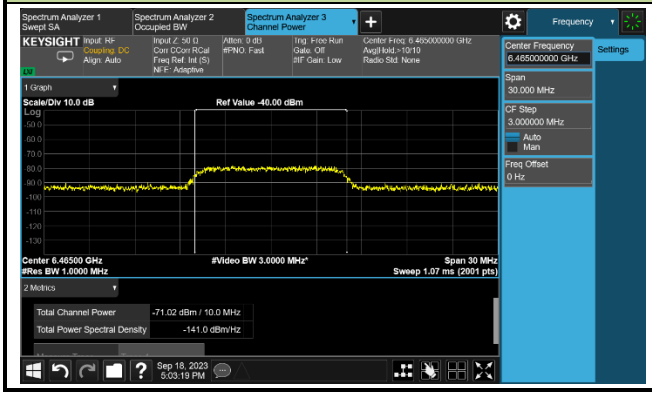
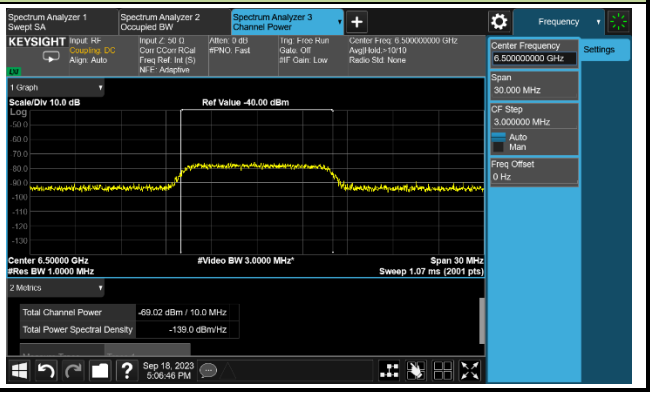
Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently

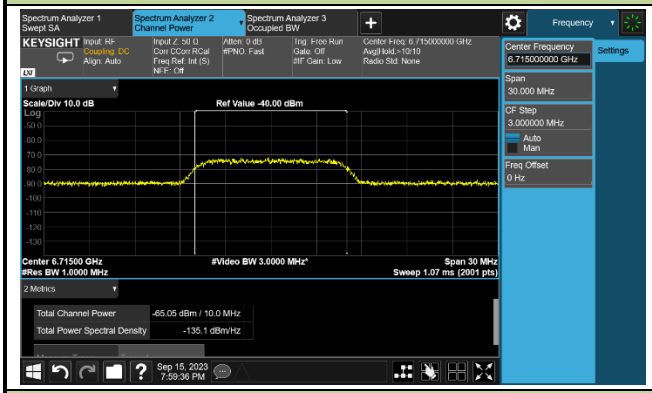
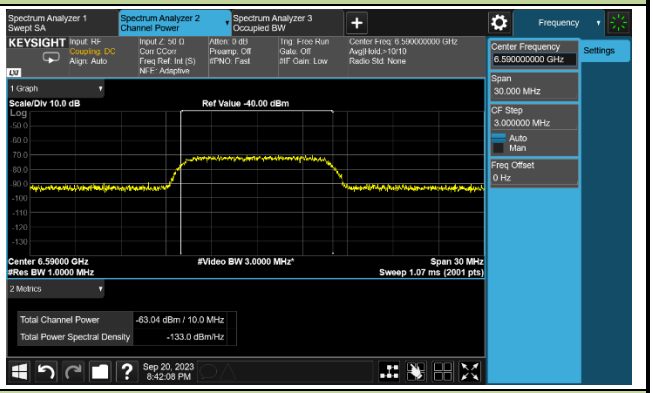
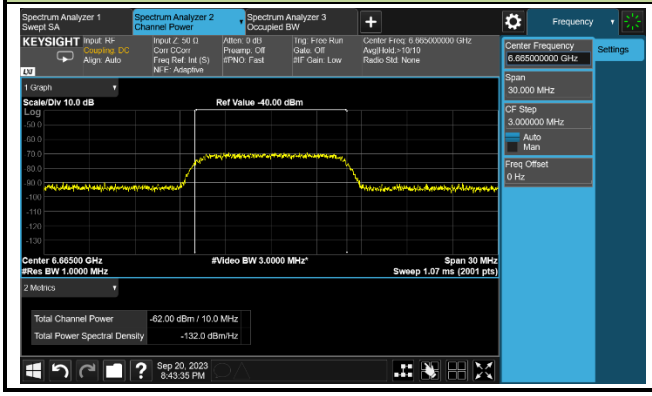
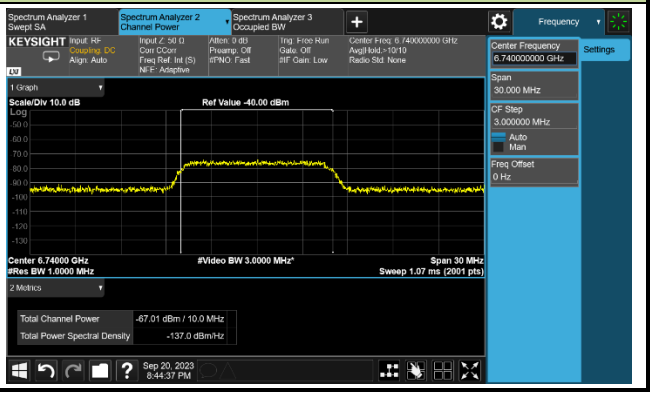
ON: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds

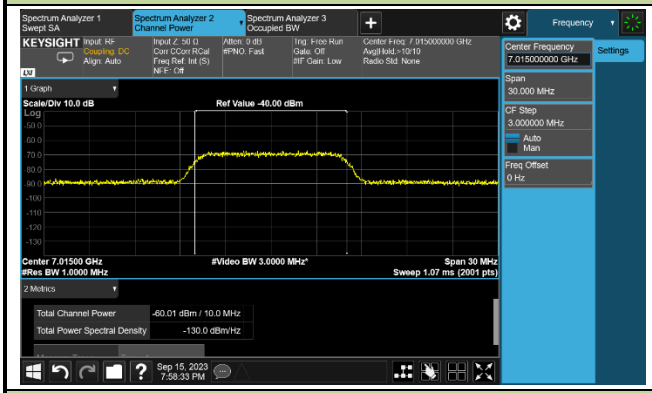
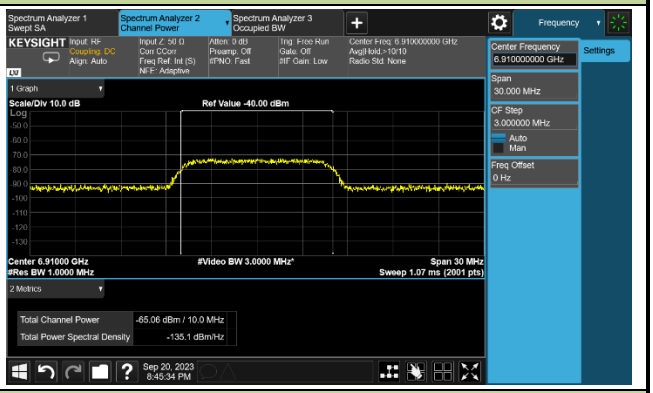
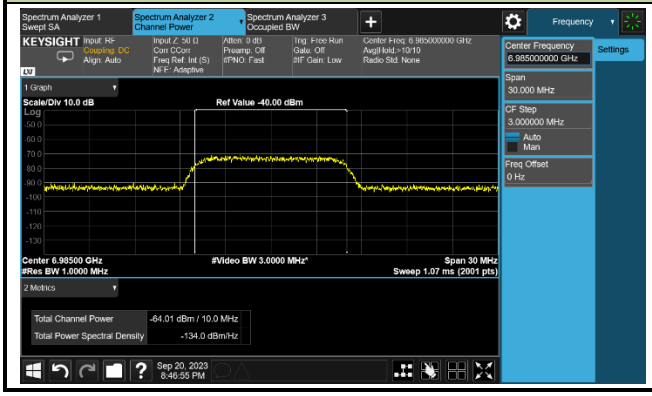
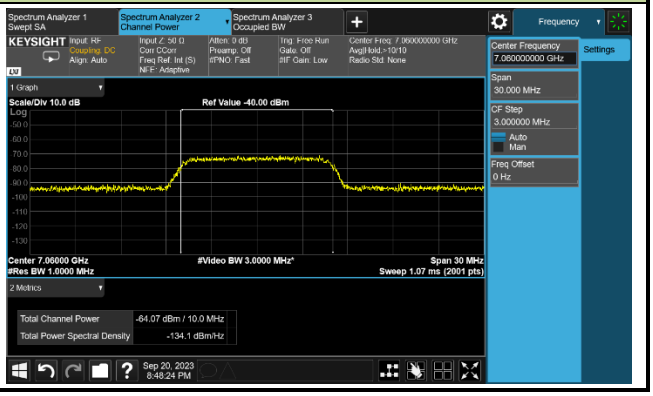
EUT Tx Waveform	
802.11ax-HE20 / CH33	802.11ax-HE160 / CH47
	
802.11ax-HE20 / CH97	802.11ax-HE80 / CH103
	
802.11ax-HE20 / CH153	802.11ax-HE160 / CH143
	

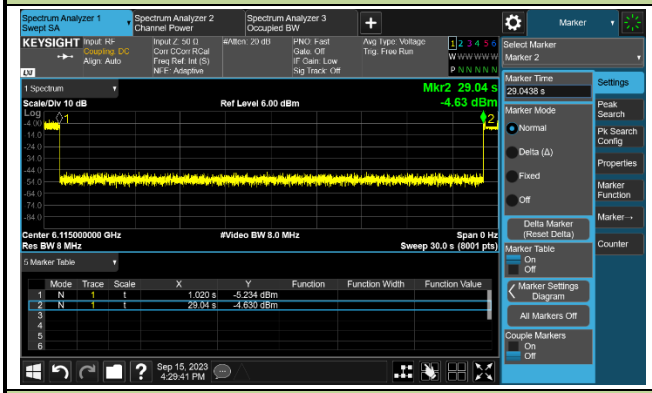
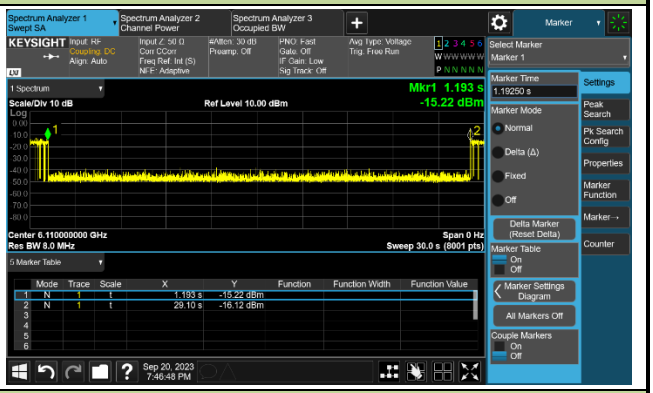
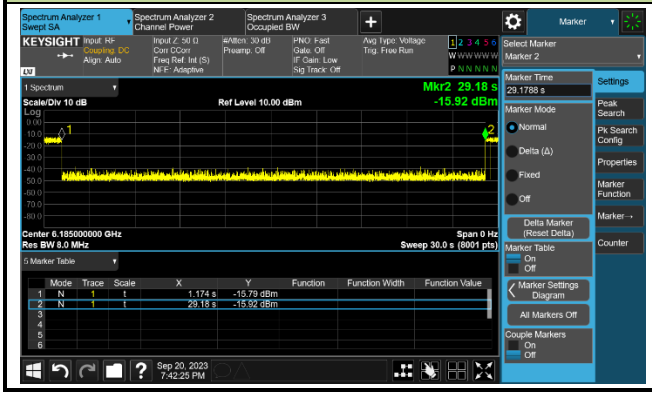
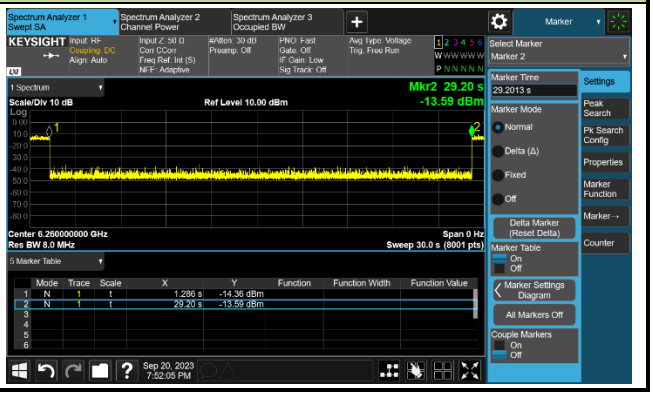
802.11ax-HE20 / CH213	802.11ax-HE160 / CH207
	

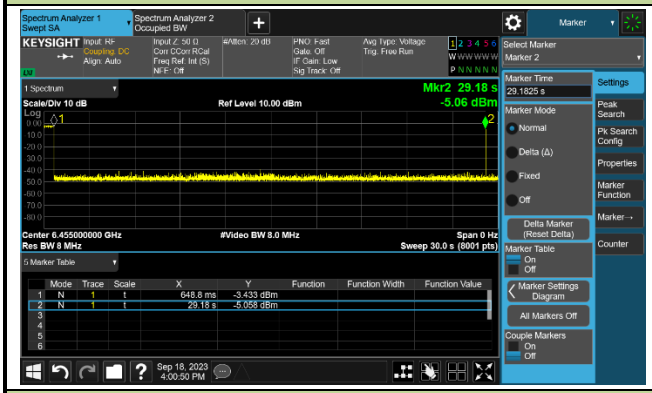
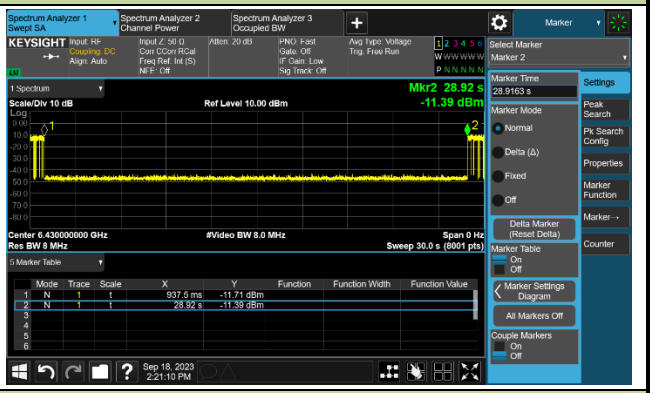
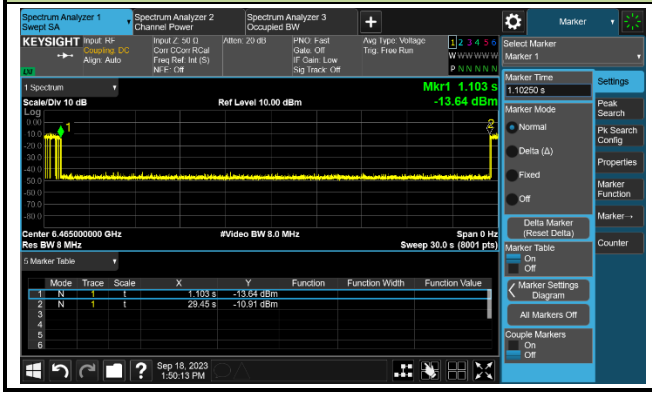
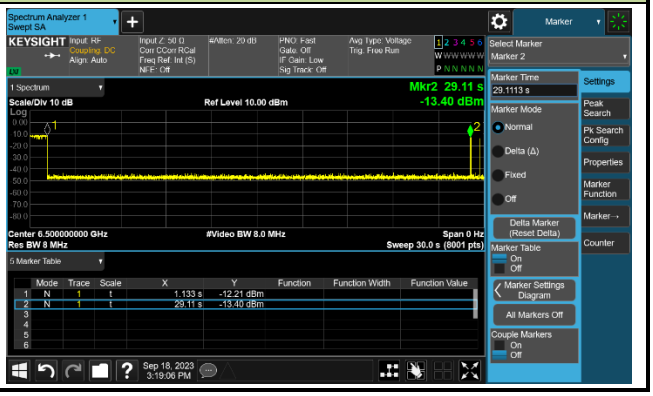
Incumbent Signal Calibration Plots (NII-5 Band)	
802.11ax-HE20 / CH33	802.11ax-HE160 / CH47 (Low Edge)
	
802.11ax-HE160 / CH47 (Middle)	802.11ax-HE160 / CH47 (High Edge)
	

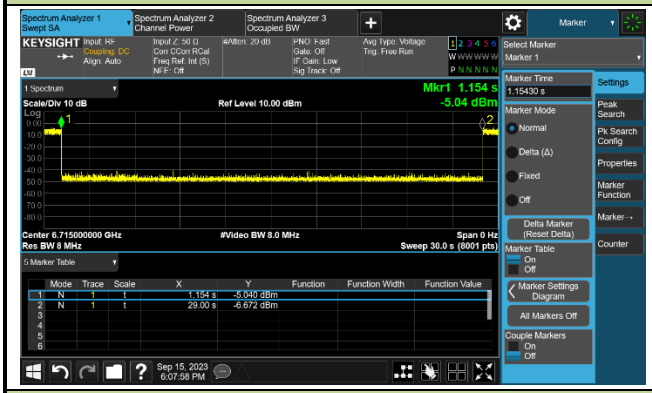
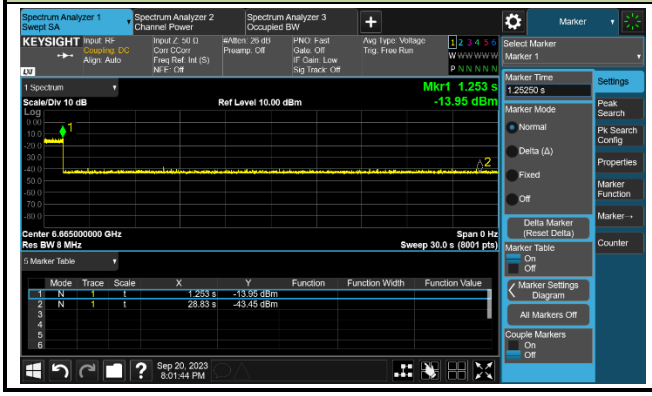
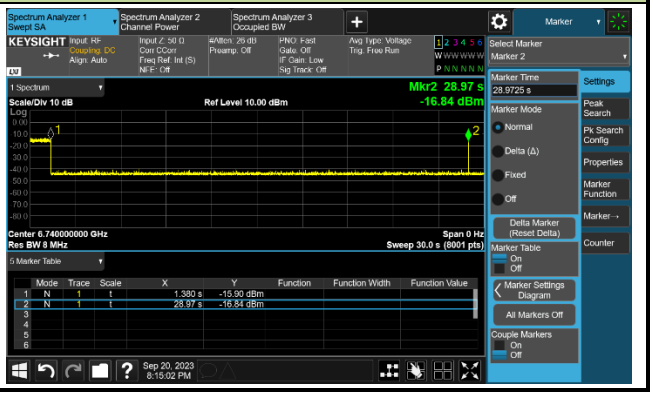
Incumbent Signal Calibration Plots (NII-6 Band)	
802.11ax-HE20 / CH97	802.11ax-HE80 / CH103 (Low Edge)
	
802.11ax-HE80 / CH103 (Middle)	802.11ax-HE80 / CH103 (High Edge)
	

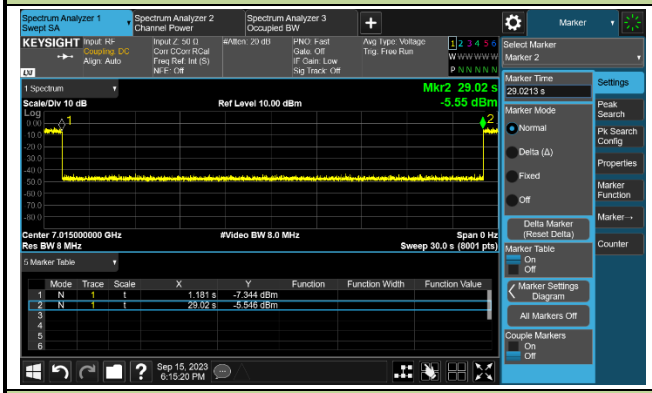
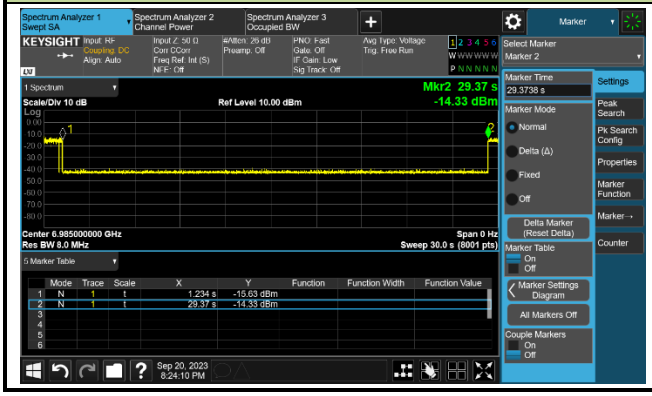
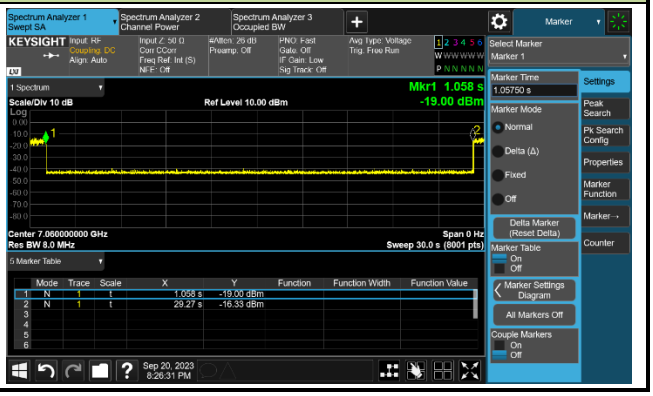
Incumbent Signal Calibration Plots (NII-7 Band)	
802.11ax-HE20 / CH153	802.11ax-HE160 / CH143 (Low Edge)
	
802.11ax-HE160 / CH143 (Middle)	802.11ax-HE160 / CH143 (High Edge)
	

Incumbent Signal Calibration Plots (NII-8 Band)	
802.11ax-HE20 / CH213	802.11ax-HE160 / CH207 (Low Edge)
	
802.11ax-HE160 / CH207 (Middle)	802.11ax-HE160 / CH207 (High Edge)
	

Test Result of EUT ceased transmission (NII-5 Band)	
802.11ax-HE20 / CH33	802.11ax-HE160 / CH47 (Low Edge)
	
802.11ax-HE160 / CH47 (Middle)	802.11ax-HE160 / CH47 (High Edge)
	

Test Result of EUT ceased transmission (NII-6 Band)	
802.11ax-HE20 / CH97	802.11ax-HE80 / CH103 (Low Edge)
	
802.11ax-HE80 / CH103 (Middle)	802.11ax-HE80 / CH103 (High Edge)
	

Test Result of EUT ceased transmission (NII-7 Band)	
802.11ax-HE20 / CH153	802.11ax-HE160 / CH143 (Low Edge)
	
802.11ax-HE160 / CH143 (Middle)	802.11ax-HE160 / CH143 (High Edge)
	

Test Result of EUT ceased transmission (NII-8 Band)	
802.11ax-HE20 / CH213	802.11ax-HE160 / CH207 (Low Edge)
	
802.11ax-HE160 / CH207 (Middle)	802.11ax-HE160 / CH207 (High Edge)
	

A.8 Radiated Spurious Emission Test Result

Client operate under Indoor Access Point

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	1
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
*	10350.0	35.6	13.6	49.2	88.2	-39.0	Peak	Horizontal
	11480.5	36.1	13.0	49.1	74.0	-24.9	Peak	Horizontal
	12050.0	36.6	12.3	48.9	74.0	-25.1	Peak	Horizontal
*	14124.0	34.9	14.5	49.4	88.2	-38.8	Peak	Horizontal
*	9967.5	35.4	12.9	48.3	88.2	-39.9	Peak	Vertical
	11072.5	34.4	13.5	47.9	74.0	-26.1	Peak	Vertical
	11999.0	36.0	12.2	48.2	74.0	-25.8	Peak	Vertical
*	14166.5	34.7	14.7	49.4	88.2	-38.8	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	49
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10154.5	34.3	13.1	47.4	88.2	-40.8	Peak	Horizontal
	11463.5	36.1	12.9	49.0	74.0	-25.0	Peak	Horizontal
	11854.5	35.7	12.1	47.8	74.0	-26.2	Peak	Horizontal
*	13852.0	34.0	14.0	48.0	88.2	-40.2	Peak	Horizontal
*	10001.5	35.3	12.8	48.1	88.2	-40.1	Peak	Vertical
	10911.0	36.6	13.6	50.2	74.0	-23.8	Peak	Vertical
	12033.0	36.1	12.3	48.4	74.0	-25.6	Peak	Vertical
*	14821.0	36.0	14.8	50.8	88.2	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	93
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9967.5	35.5	12.9	48.4	88.2	-39.8	Peak	Horizontal
	10996.0	35.8	13.9	49.7	74.0	-24.3	Peak	Horizontal
	12322.0	36.7	12.3	49.0	74.0	-25.0	Peak	Horizontal
*	13758.5	34.6	13.8	48.4	88.2	-39.8	Peak	Horizontal
*	10511.5	36.6	13.6	50.2	88.2	-38.0	Peak	Vertical
	11191.5	35.6	12.8	48.4	74.0	-25.6	Peak	Vertical
	12135.0	36.0	12.3	48.3	74.0	-25.7	Peak	Vertical
*	13792.5	34.2	14.0	48.2	88.2	-40.0	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	97
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
*	10401.0	34.0	13.5	47.5	88.2	-40.7	Peak	Horizontal
	11404.0	36.1	12.9	49.0	74.0	-25.0	Peak	Horizontal
	12220.0	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	12976.5	35.2	12.8	48.0	88.2	-40.2	Peak	Horizontal
*	10129.0	33.9	13.3	47.2	88.2	-41.0	Peak	Vertical
	11523.0	36.3	12.9	49.2	74.0	-24.8	Peak	Vertical
	12126.5	35.7	12.3	48.0	74.0	-26.0	Peak	Vertical
*	13869.0	34.6	14.3	48.9	88.2	-39.3	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	105
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
*	10086.5	33.2	13.2	46.4	88.2	-41.8	Peak	Horizontal
	10945.0	35.0	13.7	48.7	74.0	-25.3	Peak	Horizontal
	11888.5	36.0	11.9	47.9	74.0	-26.1	Peak	Horizontal
*	12959.5	36.3	12.8	49.1	88.2	-39.1	Peak	Horizontal
*	10171.5	33.6	13.3	46.9	88.2	-41.3	Peak	Vertical
	11378.5	34.7	12.8	47.5	74.0	-26.5	Peak	Vertical
	12152.0	36.4	12.2	48.6	74.0	-25.4	Peak	Vertical
*	14039.0	34.5	14.1	48.6	88.2	-39.6	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	113
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	34.1	13.2	47.3	88.2	-40.9	Peak	Horizontal
	11455.0	36.4	12.9	49.3	74.0	-24.7	Peak	Horizontal
	11897.0	36.6	12.0	48.6	74.0	-25.4	Peak	Horizontal
*	14812.5	34.1	14.8	48.9	88.2	-39.3	Peak	Horizontal
*	10120.5	33.1	13.2	46.3	88.2	-41.9	Peak	Vertical
	11038.5	35.6	13.7	49.3	74.0	-24.7	Peak	Vertical
	12067.0	36.4	12.2	48.6	74.0	-25.4	Peak	Vertical
*	13010.5	35.0	12.8	47.8	88.2	-40.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	117
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10001.5	35.7	12.8	48.5	88.2	-39.7	Peak	Horizontal
	10613.5	36.6	13.5	50.1	74.0	-23.9	Peak	Horizontal
	11438.0	35.6	13.1	48.7	74.0	-25.3	Peak	Horizontal
*	13707.5	35.2	13.8	49.0	88.2	-39.2	Peak	Horizontal
*	10231.0	34.9	13.4	48.3	88.2	-39.9	Peak	Vertical
	10970.5	35.4	13.5	48.9	74.0	-25.1	Peak	Vertical
	11650.5	36.1	12.1	48.2	74.0	-25.8	Peak	Vertical
*	13733.0	33.5	14.0	47.5	88.2	-40.7	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10120.5	33.0	13.2	46.2	88.2	-42.0	Peak	Horizontal
	10647.5	35.8	14.1	49.9	74.0	-24.1	Peak	Horizontal
	11480.5	35.3	13.0	48.3	74.0	-25.7	Peak	Horizontal
*	12891.5	35.1	12.7	47.8	88.2	-40.4	Peak	Horizontal
*	9891.0	35.8	13.1	48.9	88.2	-39.3	Peak	Vertical
	11072.5	35.3	13.5	48.8	74.0	-25.2	Peak	Vertical
	12109.5	35.1	12.2	47.3	74.0	-26.7	Peak	Vertical
*	14022.0	36.0	14.3	50.3	88.2	-37.9	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	181
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
*	10086.5	34.2	13.2	47.4	88.2	-40.8	Peak	Horizontal
	11166.0	36.0	13.1	49.1	74.0	-24.9	Peak	Horizontal
	12067.0	35.5	12.2	47.7	74.0	-26.3	Peak	Horizontal
*	13733.0	33.6	14.0	47.6	88.2	-40.6	Peak	Horizontal
*	10035.5	35.4	13.0	48.4	88.2	-39.8	Peak	Vertical
	10996.0	35.2	13.9	49.1	74.0	-24.9	Peak	Vertical
	11914.0	35.4	12.2	47.6	74.0	-26.4	Peak	Vertical
*	13860.5	35.4	14.1	49.5	88.2	-38.7	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	185
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
*	8131.5	36.6	8.9	45.5	74.0	-28.5	Peak	Horizontal
	9797.5	35.3	13.2	48.5	88.2	-39.7	Peak	Horizontal
	11047.0	35.1	13.8	48.9	74.0	-25.1	Peak	Horizontal
*	14209.0	35.6	14.5	50.1	88.2	-38.1	Peak	Horizontal
*	8072.0	35.8	9.0	44.8	74.0	-29.2	Peak	Vertical
	10503.0	35.8	13.6	49.4	88.2	-38.8	Peak	Vertical
	11438.0	35.9	13.1	49.0	74.0	-25.0	Peak	Vertical
*	14260.0	35.1	14.7	49.8	88.2	-38.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	189
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
*	10180.0	35.0	13.6	48.6	88.2	-39.6	Peak	Horizontal
	11463.5	36.5	12.9	49.4	74.0	-24.6	Peak	Horizontal
	12135.0	36.4	12.3	48.7	74.0	-25.3	Peak	Horizontal
*	14702.0	35.7	15.0	50.7	88.2	-37.5	Peak	Horizontal
*	10554.0	35.6	13.8	49.4	88.2	-38.8	Peak	Vertical
	11353.0	36.4	12.7	49.1	74.0	-24.9	Peak	Vertical
	12322.0	35.5	12.3	47.8	74.0	-26.2	Peak	Vertical
*	14855.0	35.9	14.9	50.8	88.2	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	209
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
*	9874.0	34.7	13.0	47.7	88.2	-40.5	Peak	Horizontal
	10902.5	35.8	13.6	49.4	74.0	-24.6	Peak	Horizontal
	12160.5	36.4	12.2	48.6	74.0	-25.4	Peak	Horizontal
*	14676.5	35.8	14.9	50.7	88.2	-37.5	Peak	Horizontal
*	9610.5	35.0	12.2	47.2	88.2	-41.0	Peak	Vertical
	10630.5	35.6	14.0	49.6	74.0	-24.4	Peak	Vertical
	11446.5	35.6	13.0	48.6	74.0	-25.4	Peak	Vertical
*	14464.0	35.5	15.1	50.6	88.2	-37.6	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	229
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
*	9738.0	35.3	13.0	48.3	88.2	-39.9	Peak	Horizontal
	10647.5	35.3	14.1	49.4	74.0	-24.6	Peak	Horizontal
	11438.0	35.6	13.1	48.7	74.0	-25.3	Peak	Horizontal
*	14336.5	35.7	14.8	50.5	88.2	-37.7	Peak	Horizontal
*	9891.0	35.7	13.1	48.8	88.2	-39.4	Peak	Vertical
	10792.0	35.2	14.0	49.2	74.0	-24.8	Peak	Vertical
	11914.0	35.8	12.2	48.0	74.0	-26.0	Peak	Vertical
*	14141.0	35.8	14.5	50.3	88.2	-37.9	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	3
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
*	10554.0	36.6	13.8	50.4	88.2	-37.8	Peak	Horizontal
	11438.0	36.1	13.1	49.2	74.0	-24.8	Peak	Horizontal
	12058.5	36.4	12.3	48.7	74.0	-25.3	Peak	Horizontal
*	14421.5	36.0	14.8	50.8	88.2	-37.4	Peak	Horizontal
*	10027.0	35.4	12.9	48.3	88.2	-39.9	Peak	Vertical
	10639.0	35.4	14.0	49.4	74.0	-24.6	Peak	Vertical
	11438.0	36.5	13.1	49.6	74.0	-24.4	Peak	Vertical
*	14957.0	36.3	14.7	51.0	88.2	-37.2	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	51
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
*	9466.0	35.7	11.9	47.6	74.0	-26.4	Peak	Horizontal
	11072.5	35.7	13.5	49.2	74.0	-24.8	Peak	Horizontal
	13240.0	35.6	13.2	48.8	88.2	-39.4	Peak	Horizontal
*	14676.5	36.1	14.9	51.0	88.2	-37.2	Peak	Horizontal
*	9347.0	35.6	12.1	47.7	74.0	-26.3	Peak	Vertical
	10477.5	36.0	13.9	49.9	88.2	-38.3	Peak	Vertical
	11404.0	35.7	12.9	48.6	74.0	-25.4	Peak	Vertical
*	14438.5	35.8	14.9	50.7	88.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	91
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
*	9823.0	34.9	13.1	48.0	88.2	-40.2	Peak	Horizontal
	10919.5	35.6	13.6	49.2	74.0	-24.8	Peak	Horizontal
	11599.5	37.1	12.6	49.7	74.0	-24.3	Peak	Horizontal
*	14336.5	35.7	14.8	50.5	88.2	-37.7	Peak	Horizontal
*	9874.0	35.6	13.0	48.6	88.2	-39.6	Peak	Vertical
	11055.5	35.9	13.6	49.5	74.0	-24.5	Peak	Vertical
	11931.0	36.7	12.1	48.8	74.0	-25.2	Peak	Vertical
*	14838.0	36.7	15.0	51.7	88.2	-36.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	99
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
*	9976.0	34.7	13.0	47.7	88.2	-40.5	Peak	Horizontal
	10996.0	35.4	13.9	49.3	74.0	-24.7	Peak	Horizontal
	12041.5	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	14515.0	35.7	15.0	50.7	88.2	-37.5	Peak	Horizontal
*	9789.0	35.2	13.1	48.3	88.2	-39.9	Peak	Vertical
	10715.5	36.2	13.7	49.9	74.0	-24.1	Peak	Vertical
	11701.5	36.6	12.0	48.6	74.0	-25.4	Peak	Vertical
*	14515.0	35.5	15.0	50.5	88.2	-37.7	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	107
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
*	10307.5	35.1	13.3	48.4	88.2	-39.8	Peak	Horizontal
	11098.0	35.8	13.4	49.2	74.0	-24.8	Peak	Horizontal
	12458.0	36.6	12.0	48.6	74.0	-25.4	Peak	Horizontal
*	14778.5	36.7	14.8	51.5	88.2	-36.7	Peak	Horizontal
*	9687.0	35.2	12.8	48.0	88.2	-40.2	Peak	Vertical
	11098.0	35.6	13.4	49.0	74.0	-25.0	Peak	Vertical
	12279.5	35.4	12.2	47.6	74.0	-26.4	Peak	Vertical
*	14430.0	35.2	14.9	50.1	88.2	-38.1	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	115
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
*	10273.5	35.9	13.5	49.4	88.2	-38.8	Peak	Horizontal
	11438.0	35.9	13.1	49.0	74.0	-25.0	Peak	Horizontal
	12526.0	37.3	12.1	49.4	74.0	-24.6	Peak	Horizontal
*	14948.5	35.4	14.8	50.2	88.2	-38.0	Peak	Horizontal
*	9925.0	35.4	13.0	48.4	88.2	-39.8	Peak	Vertical
	10928.0	35.9	13.7	49.6	74.0	-24.4	Peak	Vertical
	11523.0	36.3	12.9	49.2	74.0	-24.8	Peak	Vertical
*	14234.5	35.0	14.8	49.8	88.2	-38.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	123
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9967.5	35.4	12.9	48.3	88.2	-39.9	Peak	Horizontal
	11055.5	35.6	13.6	49.2	74.0	-24.8	Peak	Horizontal
	11608.0	36.4	12.5	48.9	74.0	-25.1	Peak	Horizontal
*	14574.5	35.3	15.1	50.4	88.2	-37.8	Peak	Horizontal
*	9721.0	34.8	12.9	47.7	88.2	-40.5	Peak	Vertical
	11098.0	36.0	13.4	49.4	74.0	-24.6	Peak	Vertical
	12373.0	35.7	12.2	47.9	74.0	-26.1	Peak	Vertical
*	14710.5	35.7	14.7	50.4	88.2	-37.8	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	147
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
*	9687.0	35.3	12.8	48.1	88.2	-40.1	Peak	Horizontal
	10715.5	35.5	13.7	49.2	74.0	-24.8	Peak	Horizontal
	12160.5	36.1	12.2	48.3	74.0	-25.7	Peak	Horizontal
*	15059.0	36.1	14.4	50.5	88.2	-37.7	Peak	Horizontal
*	10137.5	35.9	13.2	49.1	88.2	-39.1	Peak	Vertical
	10639.0	35.0	14.0	49.0	74.0	-25.0	Peak	Vertical
	11497.5	35.4	13.1	48.5	74.0	-25.5	Peak	Vertical
*	14540.5	35.4	15.0	50.4	88.2	-37.8	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-04-15
Test Mode	802.11ax-HE40	Test Channel	179
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
*	9891.0	36.3	13.1	49.4	88.2	-38.8	Peak	Horizontal
	11480.5	36.0	13.0	49.0	74.0	-25.0	Peak	Horizontal
	12976.5	35.5	12.8	48.3	88.2	-39.9	Peak	Horizontal
*	14481.0	34.9	15.2	50.1	74.0	-23.9	Peak	Horizontal
*	10095.0	35.6	13.2	48.8	88.2	-39.4	Peak	Vertical
	10647.5	35.4	14.1	49.5	74.0	-24.5	Peak	Vertical
	11446.5	36.1	13.0	49.1	74.0	-24.9	Peak	Vertical
*	14379.0	35.7	15.0	50.7	88.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-04-15
Test Mode	802.11ax-HE40	Test Channel	187
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
*	10061.0	36.0	12.8	48.8	88.2	-39.4	Peak	Horizontal
	10775.0	36.4	13.6	50.0	74.0	-24.0	Peak	Horizontal
	11956.5	36.9	12.1	49.0	74.0	-25.0	Peak	Horizontal
*	14294.0	35.8	14.7	50.5	88.2	-37.7	Peak	Horizontal
*	10256.5	36.3	13.4	49.7	88.2	-38.5	Peak	Vertical
	10928.0	36.0	13.7	49.7	74.0	-24.3	Peak	Vertical
	12160.5	36.5	12.2	48.7	74.0	-25.3	Peak	Vertical
*	14583.0	35.8	15.4	51.2	88.2	-37.0	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	195
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10018.5	35.9	12.8	48.7	88.2	-39.5	Peak	Horizontal
	11489.0	35.7	13.2	48.9	74.0	-25.1	Peak	Horizontal
	13376.0	36.6	13.5	50.1	74.0	-23.9	Peak	Horizontal
*	14540.5	35.9	15.0	50.9	88.2	-37.3	Peak	Horizontal
*	10341.5	35.0	13.6	48.6	88.2	-39.6	Peak	Vertical
	11404.0	36.5	12.9	49.4	74.0	-24.6	Peak	Vertical
	12109.5	36.6	12.2	48.8	74.0	-25.2	Peak	Vertical
*	14591.5	35.3	15.3	50.6	88.2	-37.6	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	211
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
*	9797.5	35.4	13.2	48.6	88.2	-39.6	Peak	Horizontal
	11370.0	36.9	12.6	49.5	74.0	-24.5	Peak	Horizontal
	12262.5	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	14583.0	35.0	15.4	50.4	88.2	-37.8	Peak	Horizontal
*	9746.5	34.7	12.9	47.6	88.2	-40.6	Peak	Vertical
	10749.5	35.7	13.7	49.4	74.0	-24.6	Peak	Vertical
	12041.5	36.9	12.3	49.2	74.0	-24.8	Peak	Vertical
*	14795.5	36.0	14.8	50.8	88.2	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	227
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
*	10180.0	34.7	13.6	48.3	88.2	-39.9	Peak	Horizontal
	10749.5	35.6	13.7	49.3	74.0	-24.7	Peak	Horizontal
	12441.0	36.8	12.2	49.0	74.0	-25.0	Peak	Horizontal
*	15025.0	36.5	14.5	51.0	88.2	-37.2	Peak	Horizontal
*	9729.5	35.8	13.0	48.8	88.2	-39.4	Peak	Vertical
	10605.0	35.9	13.8	49.7	74.0	-24.3	Peak	Vertical
	11497.5	35.8	13.1	48.9	74.0	-25.1	Peak	Vertical
*	14761.5	35.8	14.9	50.7	88.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	7
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10384.0	35.6	13.7	49.3	88.2	-38.9	Peak	Horizontal
	11387.0	36.5	12.9	49.4	74.0	-24.6	Peak	Horizontal
	12220.0	35.5	12.3	47.8	74.0	-26.2	Peak	Horizontal
*	14268.5	36.4	14.6	51.0	88.2	-37.2	Peak	Horizontal
*	9738.0	35.4	13.0	48.4	88.2	-39.8	Peak	Vertical
	10656.0	35.8	14.0	49.8	74.0	-24.2	Peak	Vertical
	12577.0	37.1	12.0	49.1	74.0	-24.9	Peak	Vertical
*	14523.5	35.7	15.0	50.7	88.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	55
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
*	9797.5	35.5	13.2	48.7	88.2	-39.5	Peak	Horizontal
	10860.0	35.8	13.6	49.4	74.0	-24.6	Peak	Horizontal
	12109.5	36.8	12.2	49.0	74.0	-25.0	Peak	Horizontal
*	14948.5	35.8	14.8	50.6	88.2	-37.6	Peak	Horizontal
*	9797.5	35.9	13.2	49.1	88.2	-39.1	Peak	Vertical
	10919.5	36.0	13.6	49.6	74.0	-24.4	Peak	Vertical
	11931.0	36.8	12.1	48.9	74.0	-25.1	Peak	Vertical
*	14583.0	35.7	15.4	51.1	88.2	-37.1	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	87
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
*	9789.0	35.9	13.1	49.0	88.2	-39.2	Peak	Horizontal
	10698.5	36.0	14.0	50.0	74.0	-24.0	Peak	Horizontal
	12296.5	36.8	12.1	48.9	74.0	-25.1	Peak	Horizontal
*	14362.0	35.6	14.9	50.5	88.2	-37.7	Peak	Horizontal
*	9891.0	34.9	13.1	48.0	88.2	-40.2	Peak	Vertical
	11106.5	36.7	13.2	49.9	74.0	-24.1	Peak	Vertical
	12441.0	35.8	12.2	48.0	74.0	-26.0	Peak	Vertical
*	14591.5	35.5	15.3	50.8	88.2	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	103
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
*	10452.0	36.2	13.5	49.7	88.2	-38.5	Peak	Horizontal
	11429.5	35.9	13.0	48.9	74.0	-25.1	Peak	Horizontal
	12747.0	35.8	12.9	48.7	88.2	-39.5	Peak	Horizontal
*	14472.5	35.4	15.2	50.6	74.0	-23.4	Peak	Horizontal
*	10171.5	36.1	13.3	49.4	88.2	-38.8	Peak	Vertical
	11115.0	36.6	12.9	49.5	74.0	-24.5	Peak	Vertical
	12016.0	36.2	12.2	48.4	74.0	-25.6	Peak	Vertical
*	14243.0	36.0	14.7	50.7	88.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	119
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
*	9976.0	34.9	13.0	47.9	88.2	-40.3	Peak	Horizontal
	11072.5	36.1	13.5	49.6	74.0	-24.4	Peak	Horizontal
	12203.0	36.5	12.1	48.6	74.0	-25.4	Peak	Horizontal
*	14693.5	35.3	15.1	50.4	88.2	-37.8	Peak	Horizontal
*	9976.0	34.9	13.0	47.9	88.2	-40.3	Peak	Vertical
	10936.5	35.5	13.8	49.3	74.0	-24.7	Peak	Vertical
	12058.5	36.1	12.3	48.4	74.0	-25.6	Peak	Vertical
*	14370.5	36.0	15.0	51.0	88.2	-37.2	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	135
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
*	9797.5	35.1	13.2	48.3	88.2	-39.9	Peak	Horizontal
	10690.0	34.7	14.0	48.7	74.0	-25.3	Peak	Horizontal
	11463.5	36.3	12.9	49.2	74.0	-24.8	Peak	Horizontal
*	14880.5	36.3	14.7	51.0	88.2	-37.2	Peak	Horizontal
*	9704.0	35.1	12.9	48.0	88.2	-40.2	Peak	Vertical
	10945.0	35.9	13.7	49.6	74.0	-24.4	Peak	Vertical
	11506.0	36.2	13.0	49.2	74.0	-24.8	Peak	Vertical
*	14166.5	35.7	14.7	50.4	88.2	-37.8	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9984.5	35.0	13.0	48.0	88.2	-40.2	Peak	Horizontal
	11463.5	36.8	12.9	49.7	74.0	-24.3	Peak	Horizontal
	12228.5	36.4	12.2	48.6	74.0	-25.4	Peak	Horizontal
*	14583.0	35.5	15.4	50.9	88.2	-37.3	Peak	Horizontal
*	10545.5	35.9	13.8	49.7	88.2	-38.5	Peak	Vertical
	11276.5	36.4	12.6	49.0	74.0	-25.0	Peak	Vertical
	12415.5	36.4	12.1	48.5	74.0	-25.5	Peak	Vertical
*	14600.0	35.7	15.1	50.8	88.2	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	167
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
*	10307.5	35.6	13.3	48.9	88.2	-39.3	Peak	Horizontal
	10741.0	35.5	13.7	49.2	74.0	-24.8	Peak	Horizontal
	11557.0	36.2	12.7	48.9	74.0	-25.1	Peak	Horizontal
*	14855.0	36.0	14.9	50.9	88.2	-37.3	Peak	Horizontal
*	10265.0	34.7	13.5	48.2	88.2	-40.0	Peak	Vertical
	11064.0	36.1	13.5	49.6	74.0	-24.4	Peak	Vertical
	12815.0	35.5	12.9	48.4	88.2	-39.8	Peak	Vertical
*	14498.0	35.4	15.0	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	183
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
*	9831.5	35.0	13.1	48.1	88.2	-40.1	Peak	Horizontal
	10783.5	35.1	13.8	48.9	74.0	-25.1	Peak	Horizontal
	12475.0	36.5	12.0	48.5	74.0	-25.5	Peak	Horizontal
*	14421.5	36.1	14.8	50.9	88.2	-37.3	Peak	Horizontal
*	9814.5	35.1	13.2	48.3	88.2	-39.9	Peak	Vertical
	11072.5	36.8	13.5	50.3	74.0	-23.7	Peak	Vertical
	12169.0	35.7	12.3	48.0	74.0	-26.0	Peak	Vertical
*	14175.0	35.6	14.8	50.4	88.2	-37.8	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	199
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
*	10095.0	34.9	13.2	48.1	88.2	-40.1	Peak	Horizontal
	11106.5	36.6	13.2	49.8	74.0	-24.2	Peak	Horizontal
	12126.5	35.6	12.3	47.9	74.0	-26.1	Peak	Horizontal
*	14625.5	35.0	14.9	49.9	88.2	-38.3	Peak	Horizontal
*	9976.0	34.7	13.0	47.7	88.2	-40.5	Peak	Vertical
	10826.0	37.0	13.6	50.6	74.0	-23.4	Peak	Vertical
	12135.0	36.1	12.3	48.4	74.0	-25.6	Peak	Vertical
*	14914.5	35.6	14.6	50.2	88.2	-38.0	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	215
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
*	9763.5	34.8	12.9	47.7	88.2	-40.5	Peak	Horizontal
	10996.0	35.3	13.9	49.2	74.0	-24.8	Peak	Horizontal
	12169.0	34.7	12.3	47.0	74.0	-27.0	Peak	Horizontal
*	14464.0	36.0	15.1	51.1	88.2	-37.1	Peak	Horizontal
*	9789.0	34.8	13.1	47.9	88.2	-40.3	Peak	Vertical
	11463.5	36.6	12.9	49.5	74.0	-24.5	Peak	Vertical
	12211.5	36.2	12.3	48.5	74.0	-25.5	Peak	Vertical
*	14574.5	35.2	15.1	50.3	88.2	-37.9	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	15
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
*	9729.5	34.8	13.0	47.8	88.2	-40.4	Peak	Horizontal
	10647.5	35.1	14.1	49.2	74.0	-24.8	Peak	Horizontal
	11795.0	36.5	11.8	48.3	74.0	-25.7	Peak	Horizontal
*	14158.0	35.2	14.6	49.8	88.2	-38.4	Peak	Horizontal
*	9772.0	35.1	12.9	48.0	88.2	-40.2	Peak	Vertical
	10647.5	35.4	14.1	49.5	74.0	-24.5	Peak	Vertical
	11463.5	36.0	12.9	48.9	74.0	-25.1	Peak	Vertical
*	14931.5	35.7	14.8	50.5	88.2	-37.7	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	47
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
*	9831.5	35.7	13.1	48.8	88.2	-39.4	Peak	Horizontal
	11004.5	36.0	13.8	49.8	74.0	-24.2	Peak	Horizontal
	11506.0	36.7	13.0	49.7	74.0	-24.3	Peak	Horizontal
*	14591.5	34.8	15.3	50.1	88.2	-38.1	Peak	Horizontal
*	10010.0	35.4	12.7	48.1	88.2	-40.1	Peak	Vertical
	10690.0	36.2	14.0	50.2	74.0	-23.8	Peak	Vertical
	11497.5	35.5	13.1	48.6	74.0	-25.4	Peak	Vertical
*	14778.5	35.7	14.8	50.5	88.2	-37.7	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	79
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
*	10146.0	35.1	13.2	48.3	88.2	-39.9	Peak	Horizontal
	11098.0	35.6	13.4	49.0	74.0	-25.0	Peak	Horizontal
	12211.5	36.5	12.3	48.8	74.0	-25.2	Peak	Horizontal
*	14515.0	34.9	15.0	49.9	88.2	-38.3	Peak	Horizontal
*	9925.0	35.2	13.0	48.2	88.2	-40.0	Peak	Vertical
	10647.5	34.9	14.1	49.0	74.0	-25.0	Peak	Vertical
	11506.0	35.3	13.0	48.3	74.0	-25.7	Peak	Vertical
*	14778.5	35.9	14.8	50.7	88.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	111
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
*	9619.0	36.1	12.4	48.5	88.2	-39.7	Peak	Horizontal
	10936.5	35.2	13.8	49.0	74.0	-25.0	Peak	Horizontal
	12483.5	36.3	12.0	48.3	74.0	-25.7	Peak	Horizontal
*	15152.5	36.8	14.0	50.8	88.2	-37.4	Peak	Horizontal
*	10545.5	35.4	13.8	49.2	88.2	-39.0	Peak	Vertical
	11489.0	35.9	13.2	49.1	74.0	-24.9	Peak	Vertical
	12330.5	35.5	12.3	47.8	74.0	-26.2	Peak	Vertical
*	14583.0	34.8	15.4	50.2	88.2	-38.0	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	143
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10069.5	35.5	13.0	48.5	88.2	-39.7	Peak	Horizontal
	10656.0	35.6	14.0	49.6	74.0	-24.4	Peak	Horizontal
	11591.0	36.1	12.5	48.6	74.0	-25.4	Peak	Horizontal
*	14362.0	35.1	14.9	50.0	88.2	-38.2	Peak	Horizontal
*	9755.0	34.9	12.9	47.8	88.2	-40.4	Peak	Vertical
	10826.0	36.0	13.6	49.6	74.0	-24.4	Peak	Vertical
	12942.5	35.4	12.7	48.1	88.2	-40.1	Peak	Vertical
*	14481.0	34.7	15.2	49.9	74.0	-24.1	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	175
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10103.5	34.5	13.1	47.6	88.2	-40.6	Peak	Horizontal
	10851.5	35.4	13.7	49.1	74.0	-24.9	Peak	Horizontal
	12339.0	35.5	12.2	47.7	74.0	-26.3	Peak	Horizontal
*	14583.0	35.1	15.4	50.5	88.2	-37.7	Peak	Horizontal
*	10409.5	35.3	13.5	48.8	88.2	-39.4	Peak	Vertical
	11098.0	36.4	13.4	49.8	74.0	-24.2	Peak	Vertical
	12305.0	36.2	12.1	48.3	74.0	-25.7	Peak	Vertical
*	14634.0	35.2	14.7	49.9	88.2	-38.3	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	207
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
*	10137.5	35.1	13.2	48.3	88.2	-39.9	Peak	Horizontal
	10945.0	35.6	13.7	49.3	74.0	-24.7	Peak	Horizontal
	11999.0	35.8	12.2	48.0	74.0	-26.0	Peak	Horizontal
*	14396.0	35.3	14.9	50.2	88.2	-38.0	Peak	Horizontal
*	9848.5	34.8	12.9	47.7	88.2	-40.5	Peak	Vertical
	10928.0	35.9	13.7	49.6	74.0	-24.4	Peak	Vertical
	11557.0	36.0	12.7	48.7	74.0	-25.3	Peak	Vertical
*	14591.5	34.6	15.3	49.9	88.2	-38.3	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Client operate under Standard Power Access Point

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	1
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
*	9925.0	37.2	13.0	50.2	88.2	-38.0	Peak	Horizontal
	11047.0	36.3	13.8	50.1	74.0	-23.9	Peak	Horizontal
	12305.0	37.9	12.1	50.0	74.0	-24.0	Peak	Horizontal
*	15042.0	36.8	14.7	51.5	88.2	-36.7	Peak	Horizontal
*	9984.5	36.2	13.0	49.2	88.2	-39.0	Peak	Vertical
	11013.0	36.5	13.8	50.3	74.0	-23.7	Peak	Vertical
	12475.0	37.7	12.0	49.7	74.0	-24.3	Peak	Vertical
*	14362.0	36.1	14.9	51.0	88.2	-37.2	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	49
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
*	9729.5	35.7	13.0	48.7	88.2	-39.5	Peak	Horizontal
	10911.0	36.3	13.6	49.9	74.0	-24.1	Peak	Horizontal
	12254.0	36.7	12.2	48.9	74.0	-25.1	Peak	Horizontal
*	15042.0	36.6	14.7	51.3	88.2	-36.9	Peak	Horizontal
*	9738.0	35.3	13.0	48.3	88.2	-39.9	Peak	Vertical
	11149.0	36.2	13.3	49.5	74.0	-24.5	Peak	Vertical
	12126.5	36.8	12.3	49.1	74.0	-24.9	Peak	Vertical
*	14464.0	36.1	15.1	51.2	88.2	-37.0	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	93
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9933.5	35.4	13.0	48.4	88.2	-39.8	Peak	Horizontal
	10902.5	36.1	13.6	49.7	74.0	-24.3	Peak	Horizontal
	12169.0	36.1	12.3	48.4	74.0	-25.6	Peak	Horizontal
*	14821.0	36.5	14.8	51.3	88.2	-36.9	Peak	Horizontal
*	10018.5	35.7	12.8	48.5	88.2	-39.7	Peak	Vertical
	11055.5	35.7	13.6	49.3	74.0	-24.7	Peak	Vertical
	12296.5	37.6	12.1	49.7	74.0	-24.3	Peak	Vertical
*	14251.5	36.4	14.7	51.1	88.2	-37.1	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	117
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
*	9729.5	35.1	13.0	48.1	88.2	-40.1	Peak	Horizontal
	10860.0	35.4	13.6	49.0	74.0	-25.0	Peak	Horizontal
	12670.5	37.0	12.4	49.4	74.0	-24.6	Peak	Horizontal
*	15059.0	36.6	14.4	51.0	88.2	-37.2	Peak	Horizontal
*	9933.5	35.2	13.0	48.2	88.2	-40.0	Peak	Vertical
	11149.0	35.4	13.3	48.7	74.0	-25.3	Peak	Vertical
	12262.5	35.7	12.3	48.0	74.0	-26.0	Peak	Vertical
*	14183.5	36.2	14.8	51.0	88.2	-37.2	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9287.5	36.2	12.1	48.3	88.2	-39.9	Peak	Horizontal
	11353.0	35.9	12.7	48.6	74.0	-25.4	Peak	Horizontal
	12092.5	35.8	12.2	48.0	74.0	-26.0	Peak	Horizontal
*	14064.5	36.1	14.4	50.5	88.2	-37.7	Peak	Horizontal
*	9687.0	34.5	12.8	47.3	88.2	-40.9	Peak	Vertical
	10741.0	35.2	13.7	48.9	74.0	-25.1	Peak	Vertical
	12373.0	36.6	12.2	48.8	74.0	-25.2	Peak	Vertical
*	14914.5	35.7	14.6	50.3	88.2	-37.9	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE20	Test Channel	181
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
*	10545.5	35.5	13.8	49.3	88.2	-38.9	Peak	Horizontal
	11455.0	35.3	12.9	48.2	74.0	-25.8	Peak	Horizontal
	12781.0	37.4	12.8	50.2	88.2	-38.0	Peak	Horizontal
*	14481.0	35.5	15.2	50.7	74.0	-23.3	Peak	Horizontal
*	10273.5	35.4	13.5	48.9	88.2	-39.3	Peak	Vertical
	11310.5	36.3	12.6	48.9	74.0	-25.1	Peak	Vertical
	12220.0	35.6	12.3	47.9	74.0	-26.1	Peak	Vertical
*	14940.0	35.9	14.8	50.7	88.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	3
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
*	9738.0	35.1	13.0	48.1	88.2	-40.1	Peak	Horizontal
	10962.0	36.0	13.6	49.6	74.0	-24.4	Peak	Horizontal
	12084.0	35.9	12.3	48.2	74.0	-25.8	Peak	Horizontal
*	14455.5	35.1	15.0	50.1	88.2	-38.1	Peak	Horizontal
*	10486.0	35.1	14.0	49.1	88.2	-39.1	Peak	Vertical
	11387.0	36.2	12.9	49.1	74.0	-24.9	Peak	Vertical
	12050.0	36.3	12.3	48.6	74.0	-25.4	Peak	Vertical
*	14583.0	35.0	15.4	50.4	88.2	-37.8	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	51
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
*	9746.5	35.0	12.9	47.9	88.2	-40.3	Peak	Horizontal
	11030.0	36.0	13.5	49.5	74.0	-24.5	Peak	Horizontal
	12152.0	35.9	12.2	48.1	74.0	-25.9	Peak	Horizontal
*	14175.0	36.0	14.8	50.8	88.2	-37.4	Peak	Horizontal
*	10112.0	35.0	13.1	48.1	88.2	-40.1	Peak	Vertical
	11072.5	35.6	13.5	49.1	74.0	-24.9	Peak	Vertical
	12279.5	36.2	12.2	48.4	74.0	-25.6	Peak	Vertical
*	14506.5	35.7	15.0	50.7	88.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	91
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
*	9874.0	34.8	13.0	47.8	88.2	-40.4	Peak	Horizontal
	10826.0	35.0	13.6	48.6	74.0	-25.4	Peak	Horizontal
	12288.0	36.0	12.1	48.1	74.0	-25.9	Peak	Horizontal
*	14090.0	35.0	14.7	49.7	88.2	-38.5	Peak	Horizontal
*	10129.0	34.7	13.3	48.0	88.2	-40.2	Peak	Vertical
	11030.0	35.0	13.5	48.5	74.0	-25.5	Peak	Vertical
	12177.5	36.2	12.1	48.3	74.0	-25.7	Peak	Vertical
*	14107.0	35.0	14.5	49.5	88.2	-38.7	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	123
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	35.3	13.2	48.5	88.2	-39.7	Peak	Horizontal
	10698.5	35.7	14.0	49.7	74.0	-24.3	Peak	Horizontal
	12279.5	35.9	12.2	48.1	74.0	-25.9	Peak	Horizontal
*	14574.5	34.7	15.1	49.8	88.2	-38.4	Peak	Horizontal
*	9908.0	34.8	12.9	47.7	88.2	-40.5	Peak	Vertical
	11200.0	36.2	12.8	49.0	74.0	-25.0	Peak	Vertical
	12220.0	35.7	12.3	48.0	74.0	-26.0	Peak	Vertical
*	14668.0	36.6	14.9	51.5	88.2	-36.7	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE40	Test Channel	147
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
*	9882.5	35.2	13.1	48.3	88.2	-39.9	Peak	Horizontal
	10775.0	35.6	13.6	49.2	74.0	-24.8	Peak	Horizontal
	11948.0	36.5	12.1	48.6	74.0	-25.4	Peak	Horizontal
*	14693.5	35.4	15.1	50.5	88.2	-37.7	Peak	Horizontal
*	9891.0	35.2	13.1	48.3	88.2	-39.9	Peak	Vertical
	11098.0	36.6	13.4	50.0	74.0	-24.0	Peak	Vertical
	12432.5	36.4	12.3	48.7	74.0	-25.3	Peak	Vertical
*	14583.0	34.8	15.4	50.2	88.2	-38.0	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-04-15
Test Mode	802.11ax-HE40	Test Channel	179
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
*	10248.0	36.0	13.5	49.5	88.2	-38.7	Peak	Horizontal
	10860.0	35.4	13.6	49.0	74.0	-25.0	Peak	Horizontal
	13027.5	35.6	12.8	48.4	88.2	-39.8	Peak	Horizontal
*	14481.0	35.8	15.2	51.0	74.0	-23.0	Peak	Horizontal
*	10120.5	35.3	13.2	48.5	88.2	-39.7	Peak	Vertical
	11055.5	35.4	13.6	49.0	74.0	-25.0	Peak	Vertical
	12152.0	35.6	12.2	47.8	74.0	-26.2	Peak	Vertical
*	14243.0	35.3	14.7	50.0	88.2	-38.2	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	7
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
*	10588.0	35.5	13.8	49.3	88.2	-38.9	Peak	Horizontal
	11429.5	36.1	13.0	49.1	74.0	-24.9	Peak	Horizontal
	12194.5	37.2	12.0	49.2	74.0	-24.8	Peak	Horizontal
*	14353.5	36.9	14.9	51.8	88.2	-36.4	Peak	Horizontal
*	9806.0	34.9	13.2	48.1	88.2	-40.1	Peak	Vertical
	10792.0	35.5	14.0	49.5	74.0	-24.5	Peak	Vertical
	13843.5	36.2	13.9	50.1	88.2	-38.1	Peak	Vertical
*	15841.0	38.6	11.8	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	55
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9967.5	35.7	12.9	48.6	88.2	-39.6	Peak	Horizontal
	10996.0	36.1	13.9	50.0	74.0	-24.0	Peak	Horizontal
	12798.0	35.5	12.8	48.3	88.2	-39.9	Peak	Horizontal
*	14489.5	35.5	15.0	50.5	74.0	-23.5	Peak	Horizontal
*	9899.5	35.9	13.0	48.9	88.2	-39.3	Peak	Vertical
	10962.0	35.5	13.6	49.1	74.0	-24.9	Peak	Vertical
	12458.0	36.5	12.0	48.5	74.0	-25.5	Peak	Vertical
*	14591.5	35.5	15.3	50.8	88.2	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	87
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
*	9687.0	35.2	12.8	48.0	88.2	-40.2	Peak	Horizontal
	10987.5	36.0	13.8	49.8	74.0	-24.2	Peak	Horizontal
	12670.5	36.6	12.4	49.0	74.0	-25.0	Peak	Horizontal
*	14676.5	35.5	14.9	50.4	88.2	-37.8	Peak	Horizontal
*	10103.5	35.4	13.1	48.5	88.2	-39.7	Peak	Vertical
	10987.5	35.5	13.8	49.3	74.0	-24.7	Peak	Vertical
	12424.0	36.2	12.3	48.5	74.0	-25.5	Peak	Vertical
*	14676.5	35.9	14.9	50.8	88.2	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	135
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
*	9746.5	35.9	12.9	48.8	88.2	-39.4	Peak	Horizontal
	11166.0	36.3	13.1	49.4	74.0	-24.6	Peak	Horizontal
	12296.5	36.4	12.1	48.5	74.0	-25.5	Peak	Horizontal
*	14685.0	36.1	15.0	51.1	88.2	-37.1	Peak	Horizontal
*	9840.0	35.5	13.0	48.5	88.2	-39.7	Peak	Vertical
	11115.0	36.5	12.9	49.4	74.0	-24.6	Peak	Vertical
	11880.0	36.4	12.0	48.4	74.0	-25.6	Peak	Vertical
*	14719.0	35.9	14.6	50.5	88.2	-37.7	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9729.5	34.6	13.0	47.6	88.2	-40.6	Peak	Horizontal
	10664.5	35.2	13.6	48.8	74.0	-25.2	Peak	Horizontal
	11914.0	35.9	12.2	48.1	74.0	-25.9	Peak	Horizontal
*	14081.5	35.3	14.8	50.1	88.2	-38.1	Peak	Horizontal
*	10248.0	35.8	13.5	49.3	88.2	-38.9	Peak	Vertical
	11149.0	36.3	13.3	49.6	74.0	-24.4	Peak	Vertical
	12279.5	36.0	12.2	48.2	74.0	-25.8	Peak	Vertical
*	14506.5	35.9	15.0	50.9	88.2	-37.3	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE80	Test Channel	167
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
*	9891.0	35.0	13.1	48.1	88.2	-40.1	Peak	Horizontal
	10979.0	36.0	13.6	49.6	74.0	-24.4	Peak	Horizontal
	12211.5	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	14379.0	36.3	15.0	51.3	88.2	-36.9	Peak	Horizontal
*	9933.5	35.8	13.0	48.8	88.2	-39.4	Peak	Vertical
	11149.0	36.1	13.3	49.4	74.0	-24.6	Peak	Vertical
	12169.0	36.0	12.3	48.3	74.0	-25.7	Peak	Vertical
*	14523.5	35.9	15.0	50.9	88.2	-37.3	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	15
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
*	10622.0	35.8	13.7	49.5	74.0	-24.5	Peak	Horizontal
	11446.5	36.4	13.0	49.4	74.0	-24.6	Peak	Horizontal
	12781.0	35.8	12.8	48.6	88.2	-39.6	Peak	Horizontal
*	14430.0	36.0	14.9	50.9	88.2	-37.3	Peak	Horizontal
*	9746.5	35.8	12.9	48.7	88.2	-39.5	Peak	Vertical
	11038.5	35.7	13.7	49.4	74.0	-24.6	Peak	Vertical
	12220.0	36.7	12.3	49.0	74.0	-25.0	Peak	Vertical
*	14183.5	35.3	14.8	50.1	88.2	-38.1	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	47
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9967.5	35.5	12.9	48.4	88.2	-39.8	Peak	Horizontal
	11038.5	35.3	13.7	49.0	74.0	-25.0	Peak	Horizontal
	12135.0	36.0	12.3	48.3	74.0	-25.7	Peak	Horizontal
*	14379.0	35.8	15.0	50.8	88.2	-37.4	Peak	Horizontal
*	10010.0	36.3	12.7	49.0	88.2	-39.2	Peak	Vertical
	11166.0	36.6	13.1	49.7	74.0	-24.3	Peak	Vertical
	12364.5	35.7	12.3	48.0	74.0	-26.0	Peak	Vertical
*	14260.0	35.6	14.7	50.3	88.2	-37.9	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	79
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
*	9831.5	35.3	13.1	48.4	88.2	-39.8	Peak	Horizontal
	11055.5	35.8	13.6	49.4	74.0	-24.6	Peak	Horizontal
	12407.0	37.4	12.0	49.4	74.0	-24.6	Peak	Horizontal
*	14387.5	35.2	15.0	50.2	88.2	-38.0	Peak	Horizontal
*	9865.5	35.1	12.9	48.0	88.2	-40.2	Peak	Vertical
	10894.0	35.6	13.6	49.2	74.0	-24.8	Peak	Vertical
	12067.0	36.3	12.2	48.5	74.0	-25.5	Peak	Vertical
*	14081.5	35.9	14.8	50.7	88.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band.

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)

Product	HPE Aruba User Experience Sensor	Test Engineer	Carl Jiang
Test Site	WZ-AC1	Test Date	2023-07-19~2023-07-20
Test Mode	802.11ax-HE160	Test Channel	143
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
*	10214.0	36.0	13.2	49.2	88.2	-39.0	Peak	Horizontal
	11081.0	36.2	13.5	49.7	74.0	-24.3	Peak	Horizontal
	12058.5	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	14923.0	35.5	14.8	50.3	88.2	-37.9	Peak	Horizontal
*	9874.0	35.2	13.0	48.2	88.2	-40.0	Peak	Vertical
	10996.0	35.6	13.9	49.5	74.0	-24.5	Peak	Vertical
	11956.5	35.9	12.1	48.0	74.0	-26.0	Peak	Vertical
*	14991.0	36.6	14.4	51.0	88.2	-37.2	Peak	Vertical

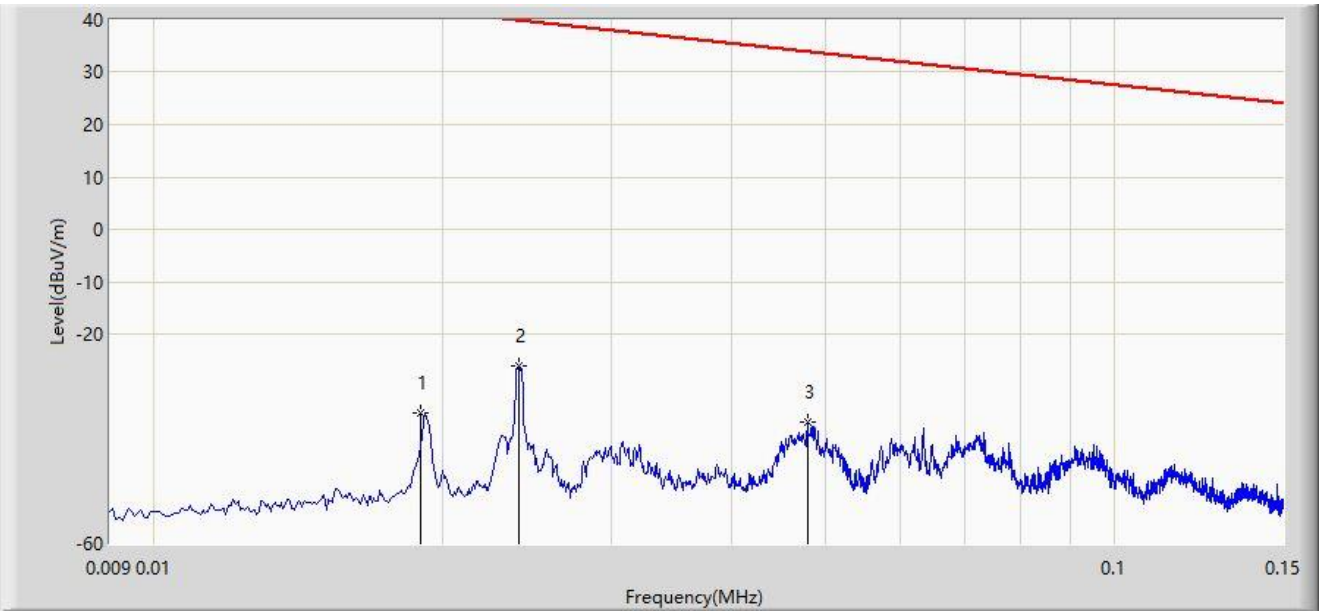
Note 1: “*” is not in restricted band.

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 802.11ax-HE160 at channel 6665MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		0.019	-35.176	24.710	-77.189	42.013	-59.886	PK
2	*	0.024	-26.149	34.327	-66.134	39.985	-60.476	PK
3		0.048	-36.937	25.398	-70.905	33.968	-62.335	PK

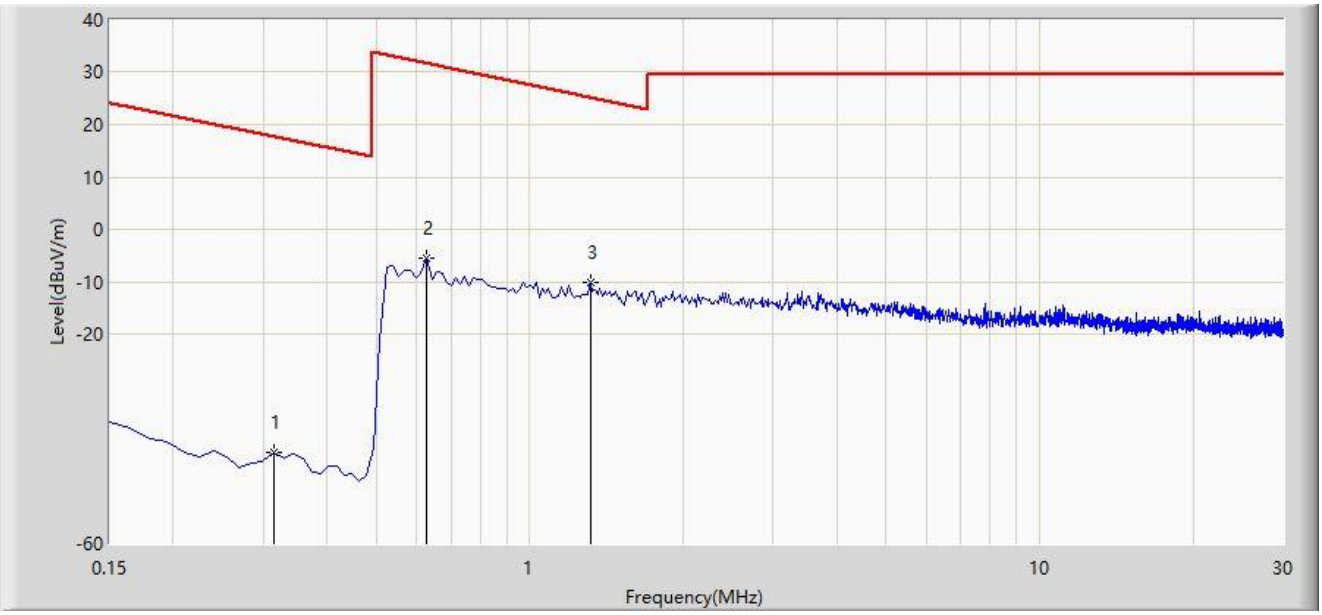
Note 1: " * ", means this data is the worst emission level.

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 802.11ax-HE160 at channel 6665MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		0.314	-42.619	19.946	-60.282	17.663	-62.565	PK
2		0.628	-5.573	16.775	-37.224	31.651	-22.348	PK
3	*	1.314	-10.003	12.323	-35.259	25.256	-22.326	PK

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

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.