

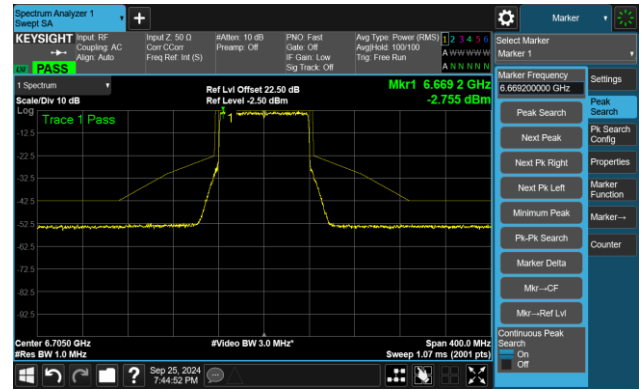
802.11be-EHT80 - Ant 1

Channel 151 (6705MHz)

The Reference Level



The Mask Data

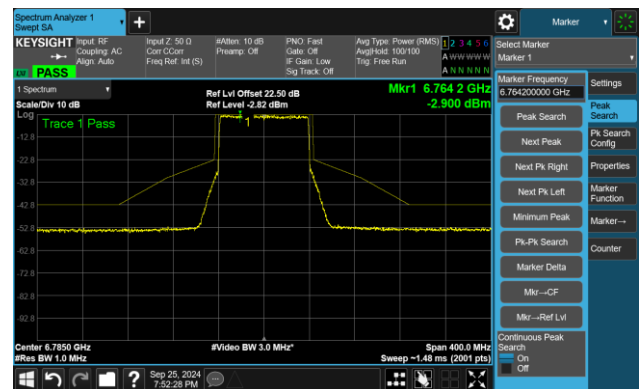


Channel 167 (6785MHz)

The Reference Level

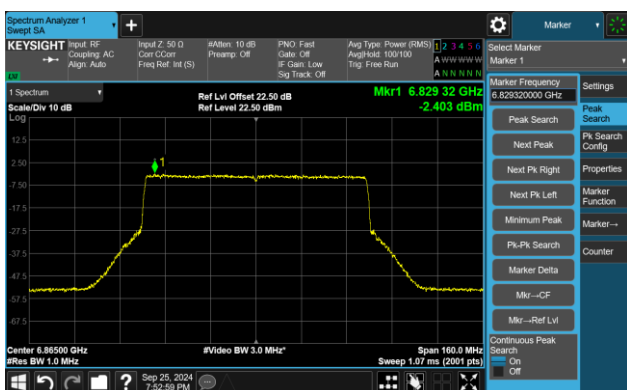


The Mask Data

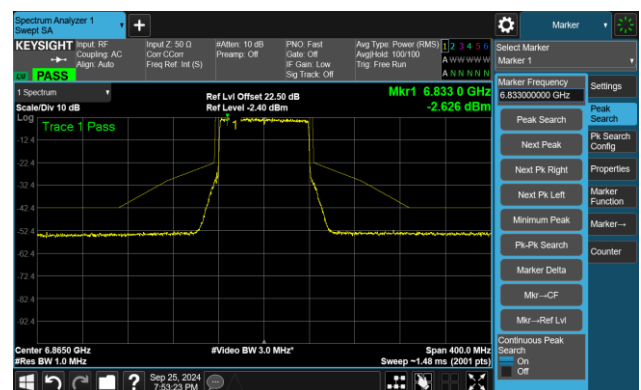


Channel 183 (6865MHz)

The Reference Level



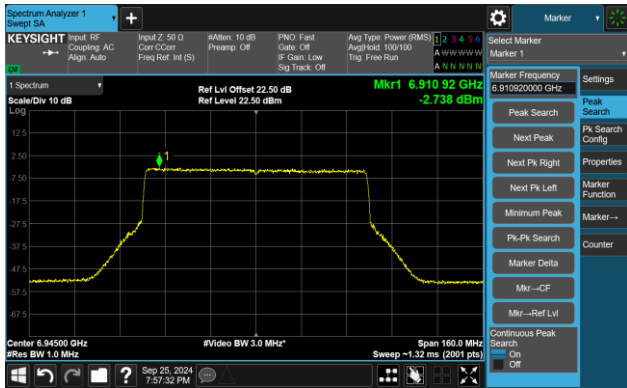
The Mask Data



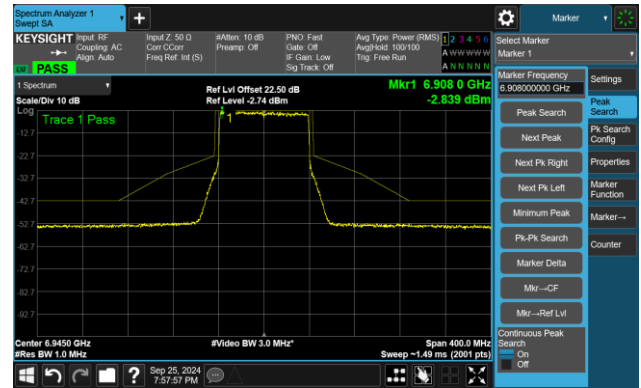
802.11be-EHT80 - Ant 1

Channel 199 (6945MHz)

The Reference Level

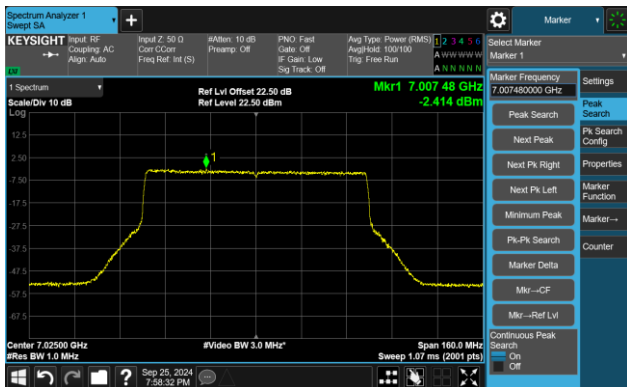


The Mask Data

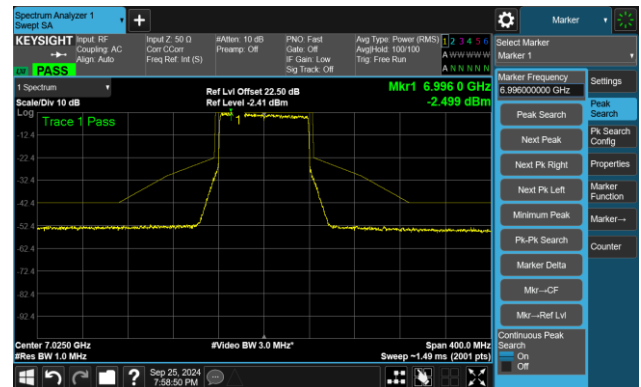


Channel 215 (7025MHz)

The Reference Level



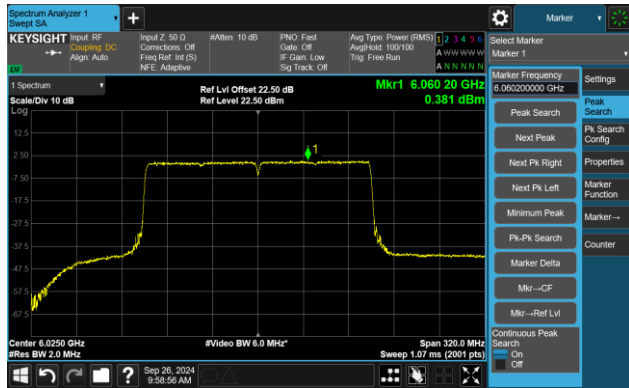
The Mask Data



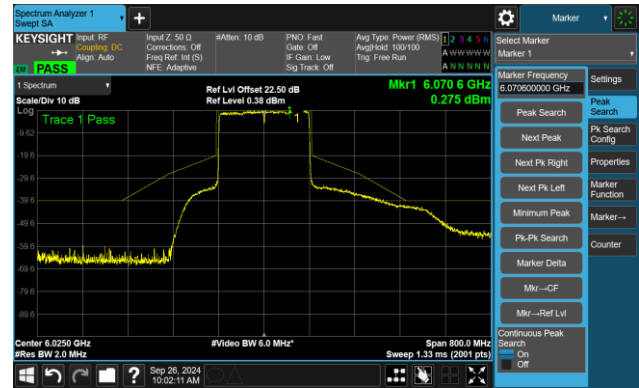
802.11be-EHT160 - Ant 1

Channel 15 (6025MHz)

The Reference Level

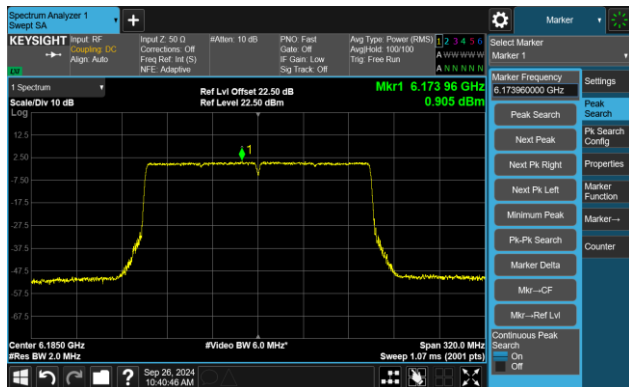


The Mask Data

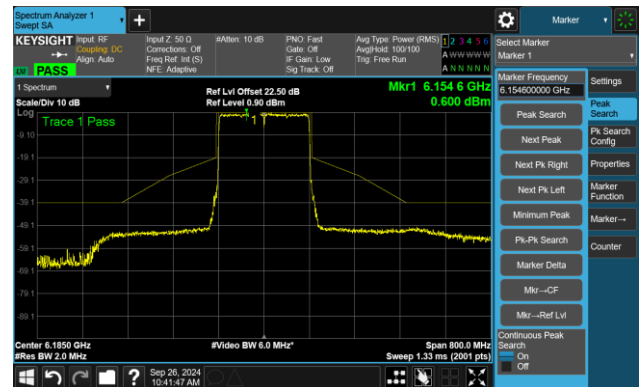


Channel 47 (6185MHz)

The Reference Level

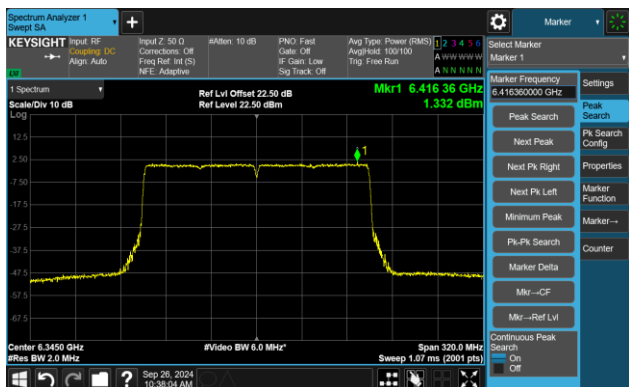


The Mask Data

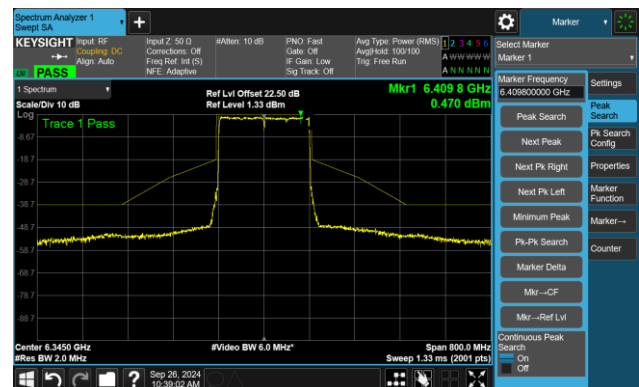


Channel 79 (6345MHz)

The Reference Level



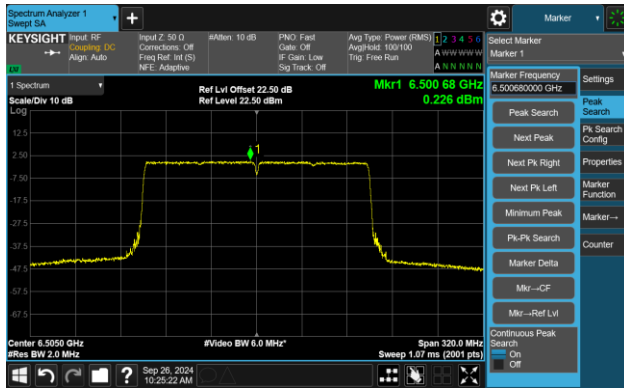
The Mask Data



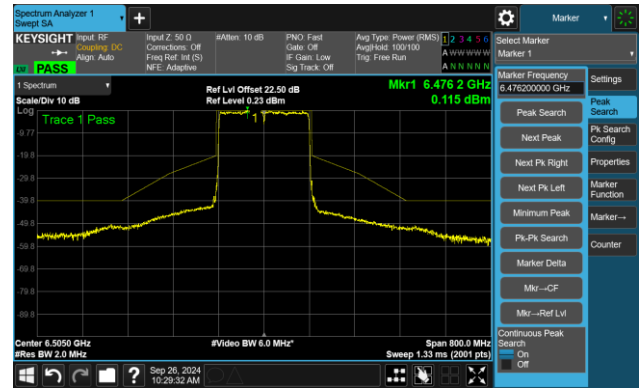
802.11be-EHT160 - Ant 1

Channel 111 (6505MHz)

The Reference Level

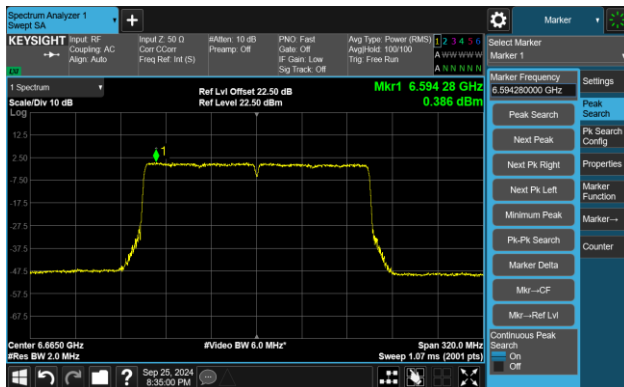


The Mask Data

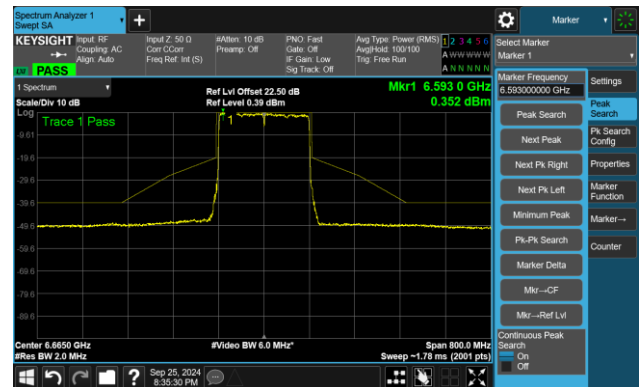


Channel 143 (6665MHz)

The Reference Level



The Mask Data

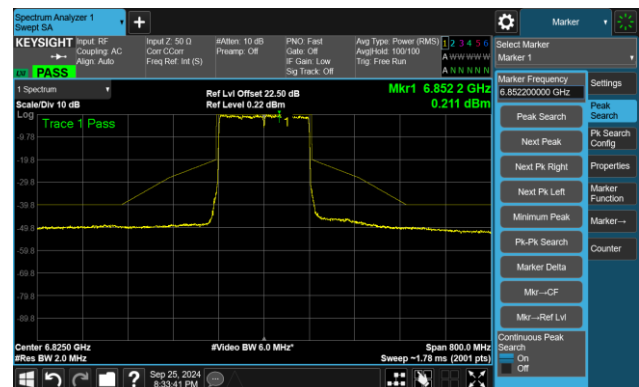


Channel 175 (6825MHz)

The Reference Level



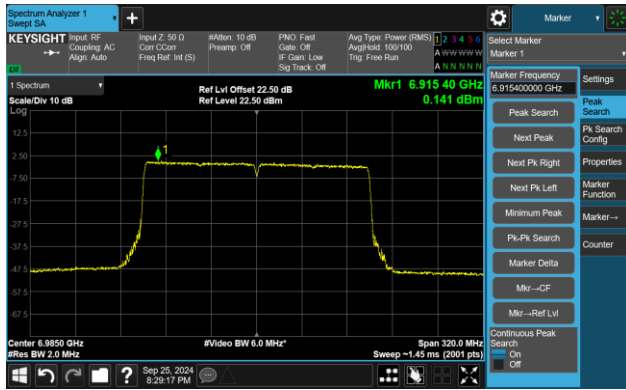
The Mask Data



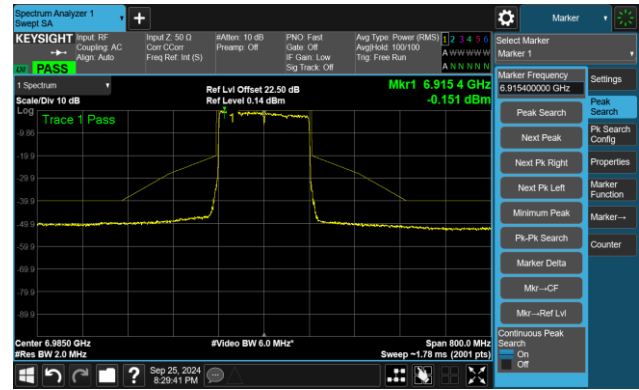
802.11be-EHT160 - Ant 1

Channel 207 (6985MHz)

The Reference Level



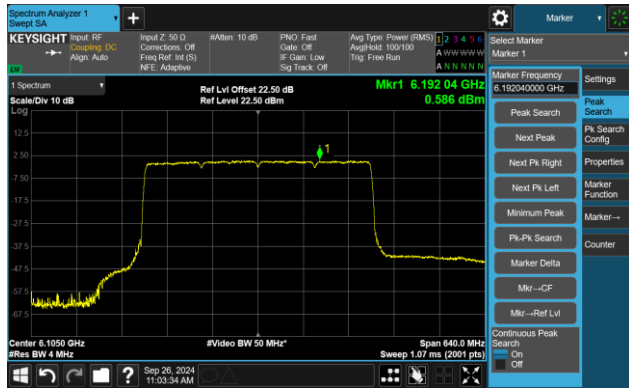
The Mask Data



802.11be-EHT320 - Ant 1

Channel 31 (6105MHz)

The Reference Level

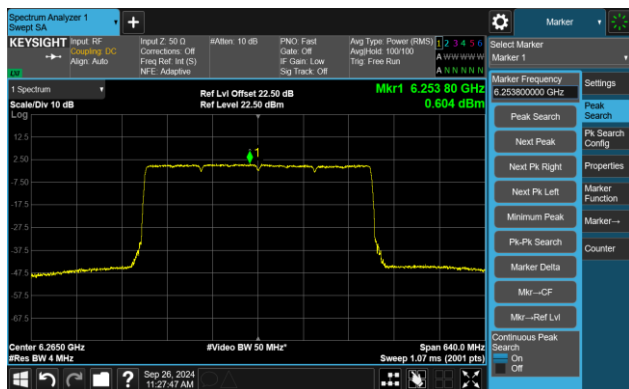


The Mask Data

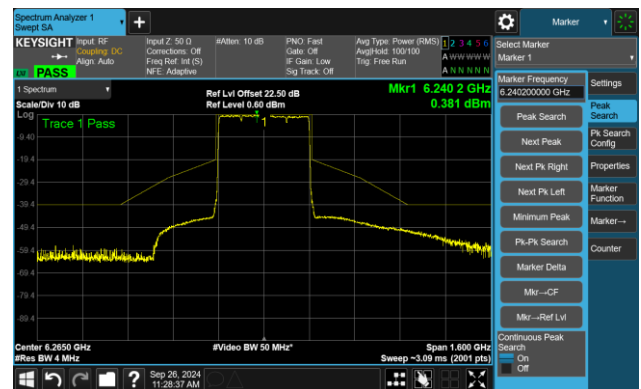


Channel 63 (6265MHz)

The Reference Level

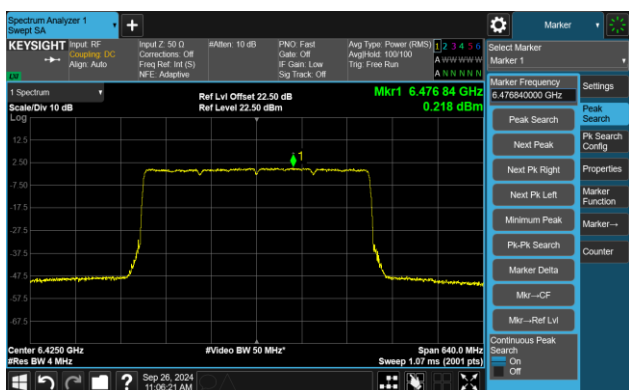


The Mask Data

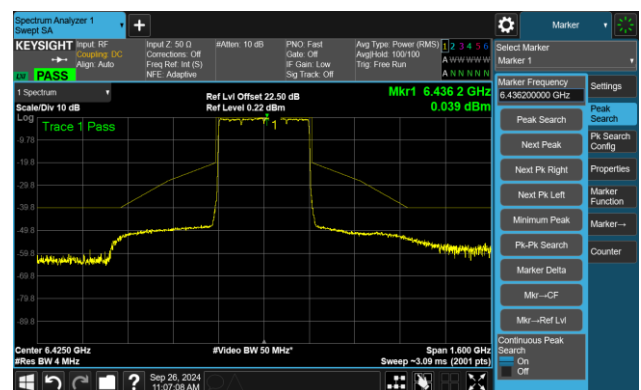


Channel 95 (6425MHz)

The Reference Level



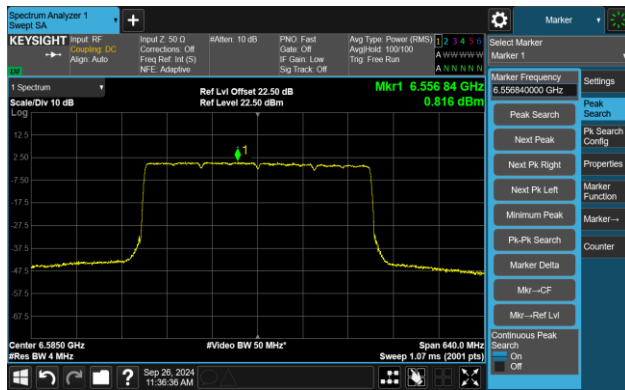
The Mask Data



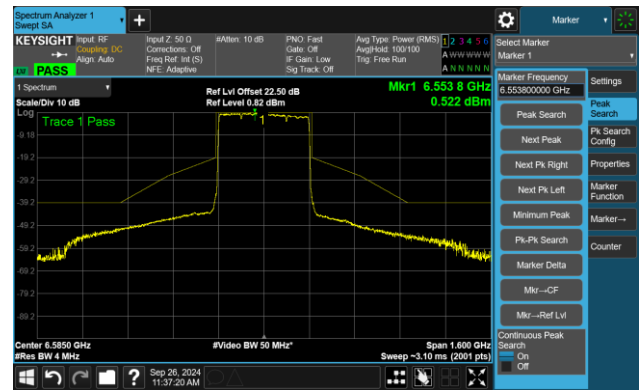
802.11be-EHT320 - Ant 1

Channel 127 (6585MHz)

The Reference Level

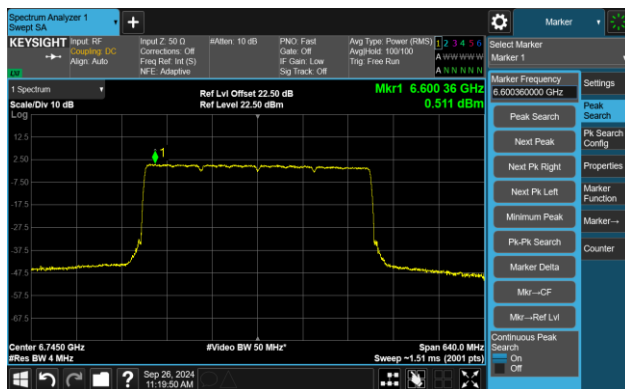


The Mask Data

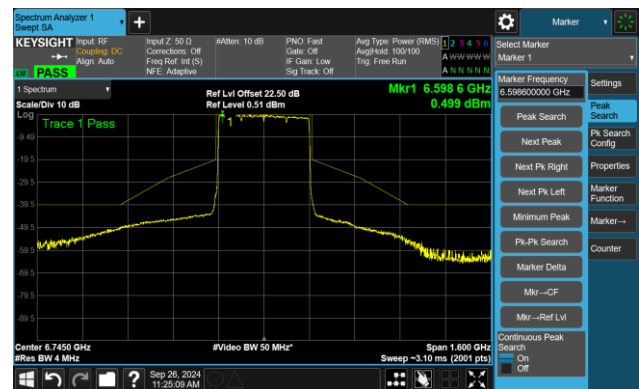


Channel 159 (6745MHz)

The Reference Level

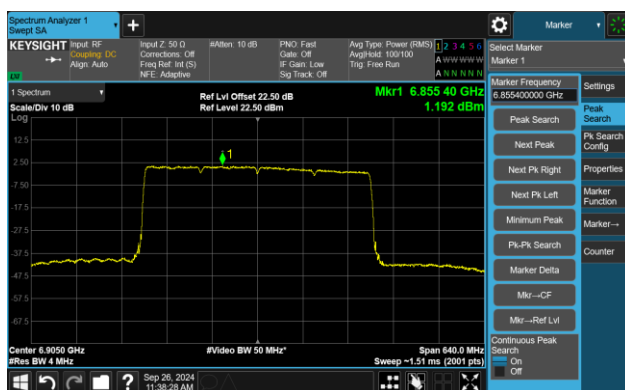


The Mask Data

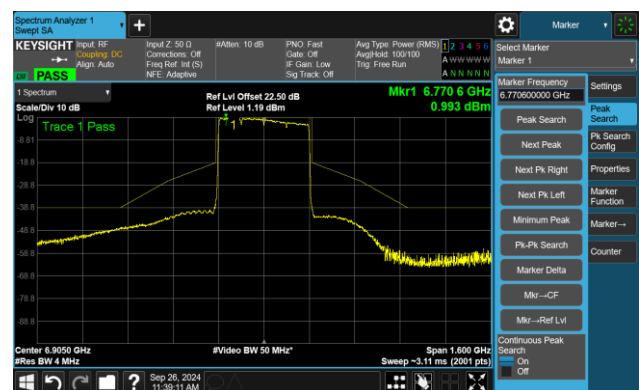


Channel 191 (6905MHz)

The Reference Level



The Mask Data



A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-09-28		
Test Mode	5955MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	9.69	9.63	9.59	9.57
		- 20	9.88	9.81	9.79	9.77
		- 10	6.01	5.97	5.93	5.92
		0	9.40	8.23	7.83	8.99
		+ 10	6.65	5.69	5.44	5.34
		+ 20	8.31	7.99	7.77	7.68
		+ 30	7.27	6.80	7.04	7.12
		+ 40	6.40	6.02	5.88	6.02
		+ 50	4.20	4.70	4.41	4.30
115	138	+ 20	2.89	1.63	1.56	1.54
85	102	+ 20	2.03	1.79	1.81	1.60

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10⁶.

A.7 Contention Based Protocol Test Result

Test Site	SIP-TR1	Test Engineer	Alan Yu
Test Date	2024-09-28~2024-10-08		

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	-62.91	2.2	-65.11	≤ -62.0	10	100	90	Pass
63	320	6265	6110	-61.81	2.2	-64.01	≤ -62.0	10	100	90	Pass
63	320	6265	6265	-61.10	2.2	-63.30	≤ -62.0	10	100	90	Pass
63	320	6265	6420	-61.28	2.2	-63.48	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
97	20	6435	6435	-63.35	2.2	-65.55	≤ -62.0	10	100	90	Pass
95	320	6425	6270	-62.46	2.2	-64.66	≤ -62.0	10	100	90	Pass
95	320	6425	6425	-60.46	2.2	-62.66	≤ -62.0	10	100	90	Pass
95	320	6425	6580	-61.62	2.2	-63.82	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
181	20	6855	6855	-65.27	2.2	-67.47	≤ -62.0	10	100	90	Pass
127	320	6585	6430	-59.7	3.2	-62.90	≤ -62.0	10	100	90	Pass
127	320	6585	6585	-59.72	3.2	-62.92	≤ -62.0	10	100	90	Pass
127	320	6585	6740	-61.46	3.2	-64.66	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-63.97	2.2	-66.17	≤ -62.0	10	100	90	Pass
191	320	6905	6750	-63.21	2.2	-65.41	≤ -62.0	10	100	90	Pass
191	320	6905	6905	-60.18	2.2	-62.38	≤ -62.0	10	100	90	Pass
191	320	6905	7060	-62.12	2.2	-64.32	≤ -62.0	10	100	90	Pass

Note 1: The test was performed on the antenna port with the lowest antenna gain, and the lowest antenna gain according to page 6 of antenna report.

Note 2: Adjust Power (dBm) = AWGN Power (dBm) – Antenna Gain (dBi).

Note 3: Conducted measurements are used.

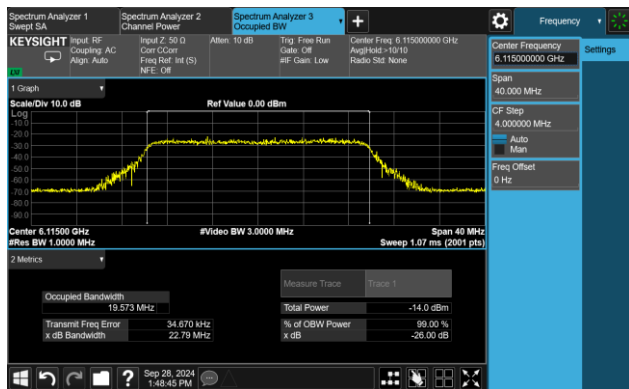
Test Site	SIP-TR1	Test Engineer	Alan Yu
Test Date	2024-09-28~2024-10-08		

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6115	6115	-76.30	ON
			-75.30	Minimal
			-65.11	OFF
320	6265	6110	-76.30	ON
			-75.30	Minimal
			-64.01	OFF
320	6265	6265	-72.70	ON
			-71.70	Minimal
			-63.30	OFF
320	6265	6420	-75.30	ON
			-74.30	Minimal
			-63.48	OFF
Operation Band: U-NII 6				
20	6435	6435	-76.70	ON
			-75.70	Minimal
			-65.55	OFF
320	6425	6270	-77.00	ON
			-76.00	Minimal
			-64.66	OFF
320	6425	6425	-71.30	ON
			-70.30	Minimal
			-62.66	OFF
320	6425	6580	-75.10	ON
			-74.10	Minimal
			-63.82	OFF

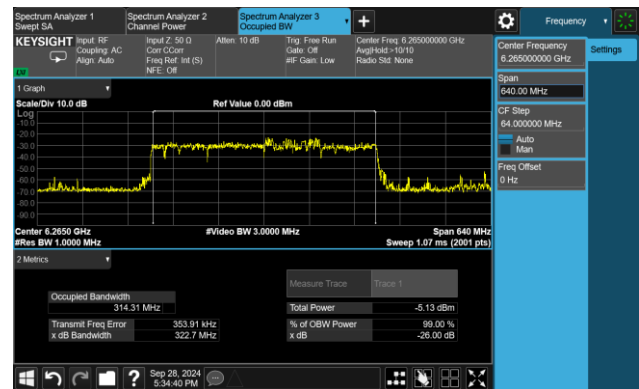
Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
20	6855	6855	-76.10	ON
			-75.10	Minimal
			-67.47	OFF
320	6585	6430	-78.10	ON
			-77.10	Minimal
			-62.90	OFF
320	6585	6585	-75.30	ON
			-74.30	Minimal
			-62.92	OFF
320	6585	6740	-76.70	ON
			-75.70	Minimal
			-64.66	OFF
Operation Band: U-NII 8				
20	7015	7015	-75.90	ON
			-74.90	Minimal
			-66.17	OFF
320	6905	6750	-77.30	ON
			-76.30	Minimal
			-65.41	OFF
320	6905	6905	-72.90	ON
			-71.90	Minimal
			-62.38	OFF
320	6905	7060	-74.50	ON
			-73.50	Minimal
			-64.32	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

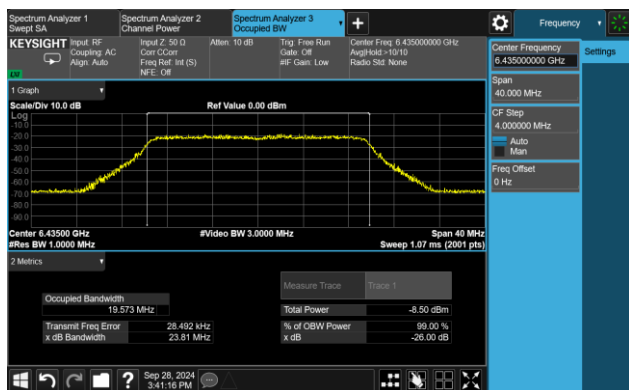
802.11be-EHT20 / CH33



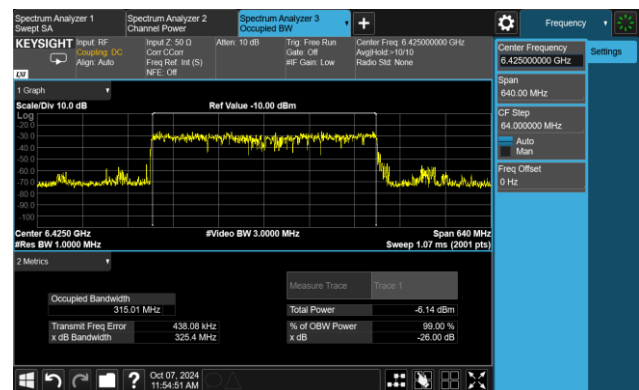
802.11be-EHT320 / CH63



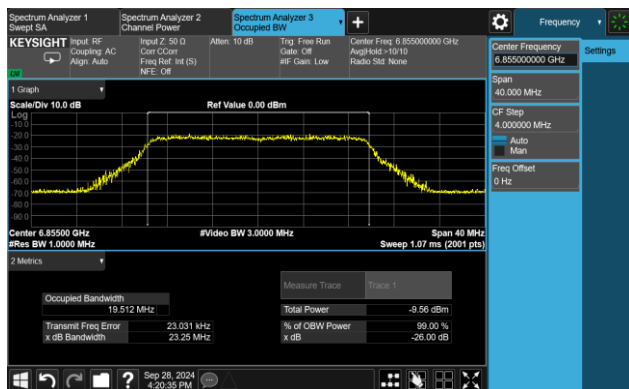
802.11be-EHT20 / CH97



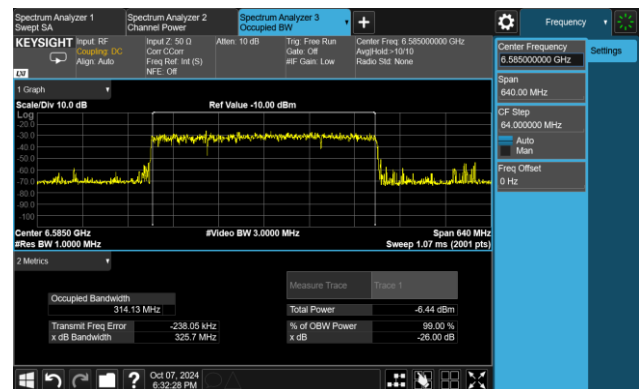
802.11be-EHT320 / CH95



802.11be-EHT20 / CH181



802.11be-EHT320 / CH127

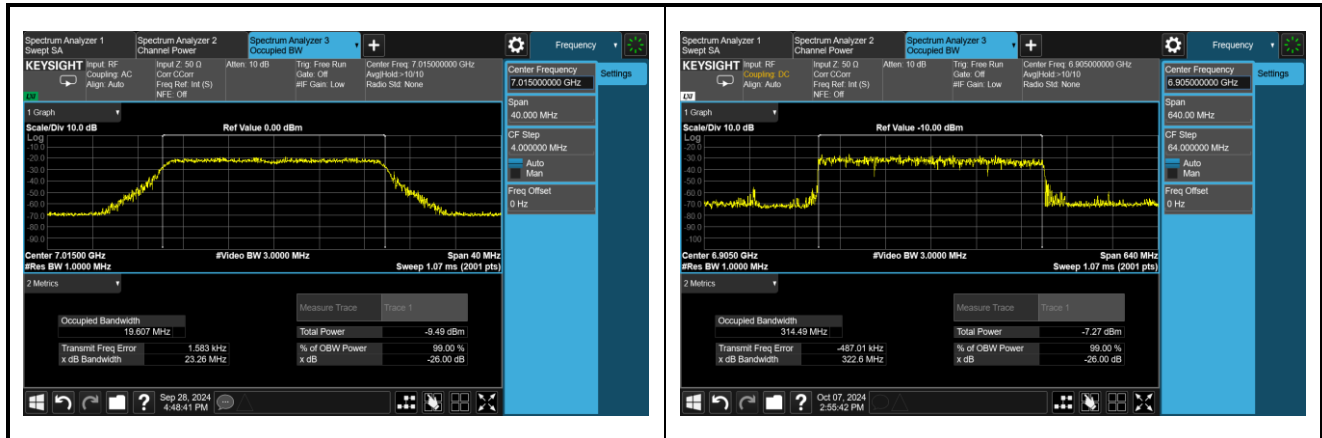


802.11be-EHT20 / CH213



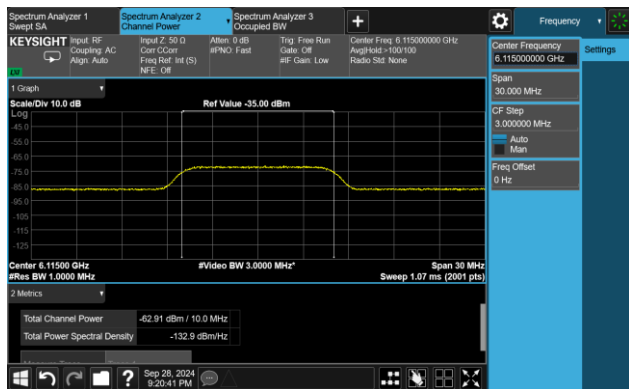
802.11be-EHT320 / CH191



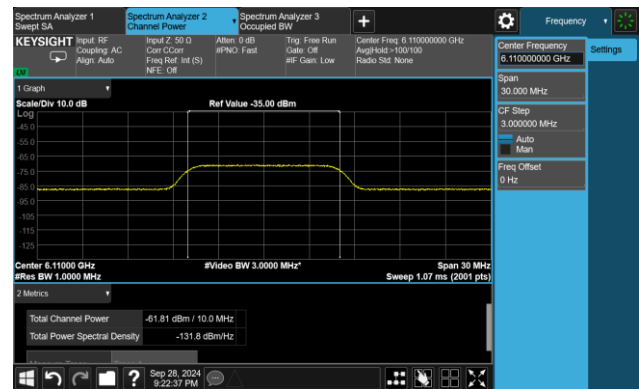


Incumbent Signal Calibration Plots (NII-5 Band)

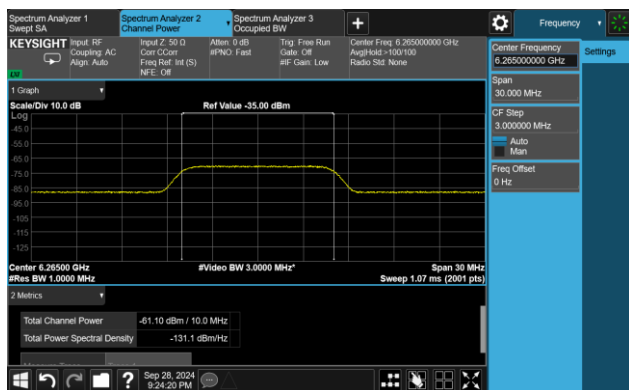
802.11be-EHT20 / CH33



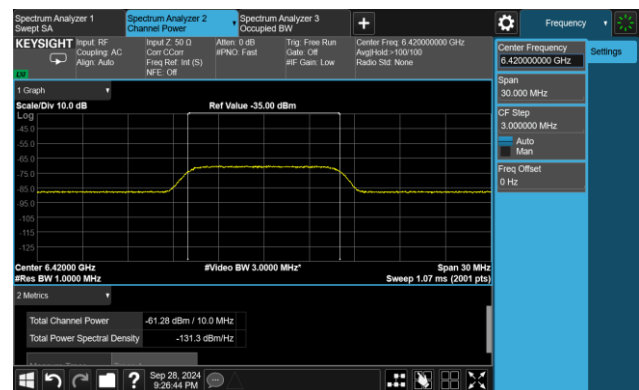
802.11be-EHT320 / CH63 (Low Edge)



802.11be-EHT320 / CH63 (Middle)

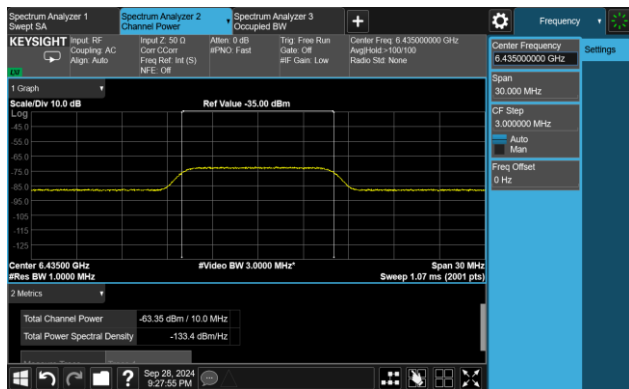


802.11be-EHT320 / CH63 (High Edge)

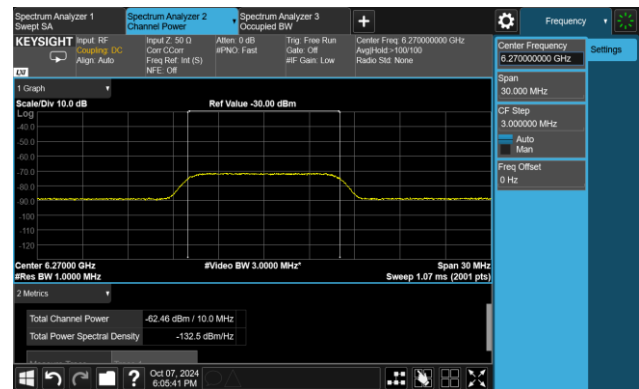


Incumbent Signal Calibration Plots (NII-6 Band)

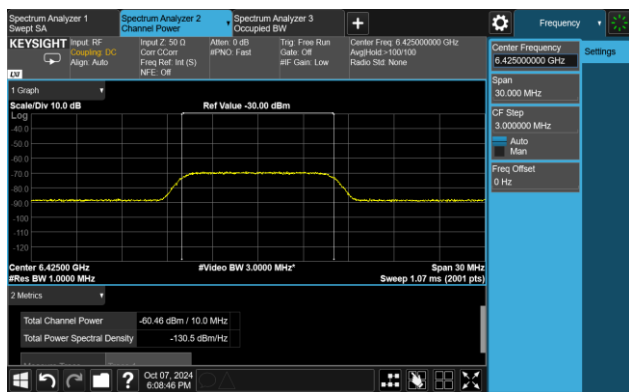
802.11be-EHT20 / CH97



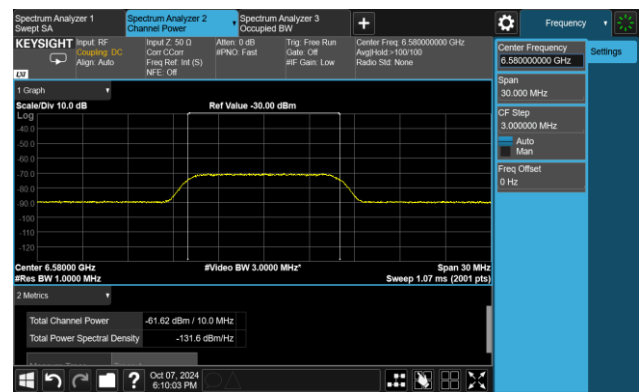
802.11be-EHT320 / CH95 (Low Edge)



802.11be-EHT320 / CH95 (Middle)

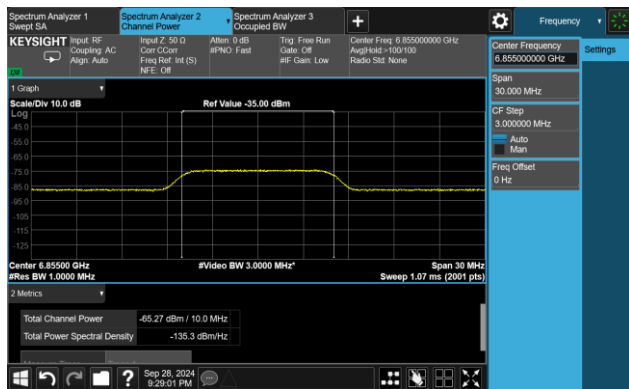


802.11be-EHT320 / CH95 (High Edge)

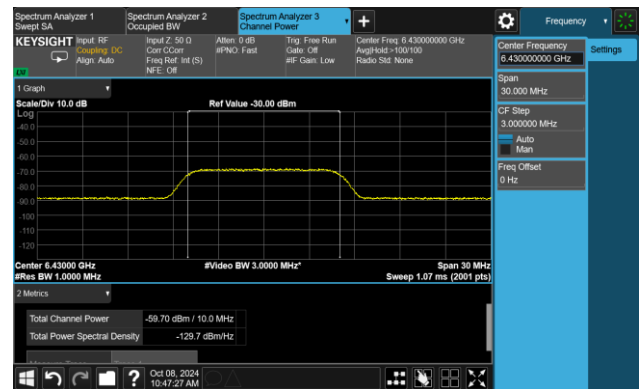


Incumbent Signal Calibration Plots (NII-7 Band)

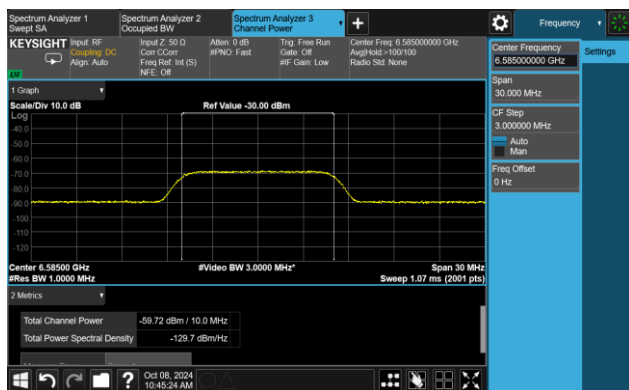
802.11be-EHT20 / CH181



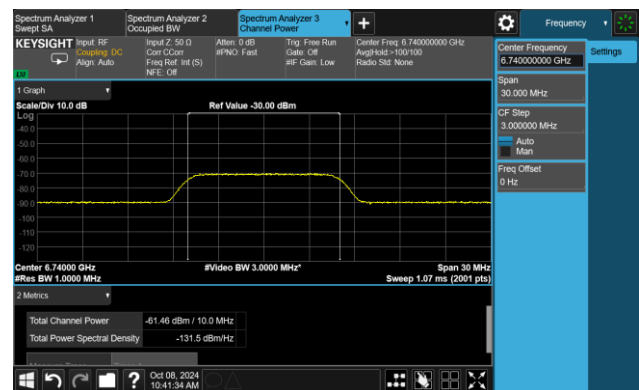
802.11be-EHT320 / CH127 (Low Edge)



802.11be-EHT320 / CH127 (Middle)

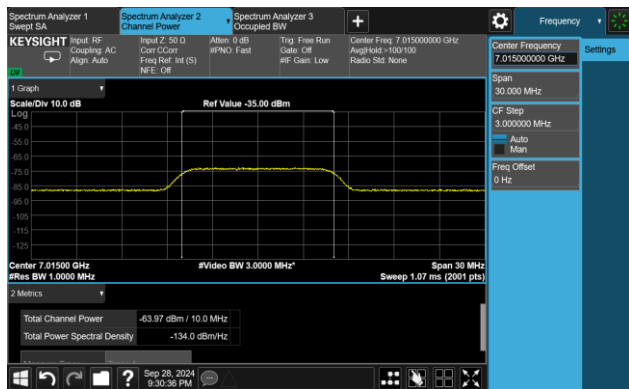


802.11be-EHT320 / CH127 (High Edge)

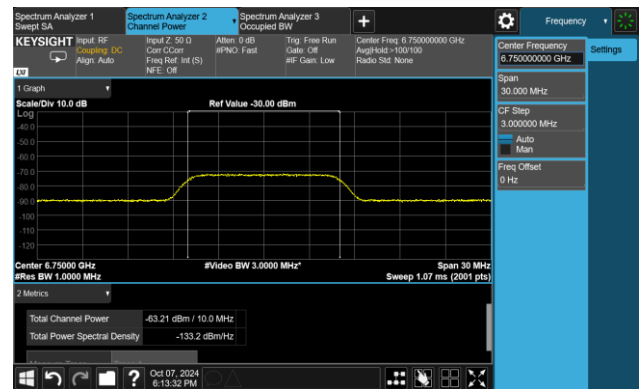


Incumbent Signal Calibration Plots (NII-8 Band)

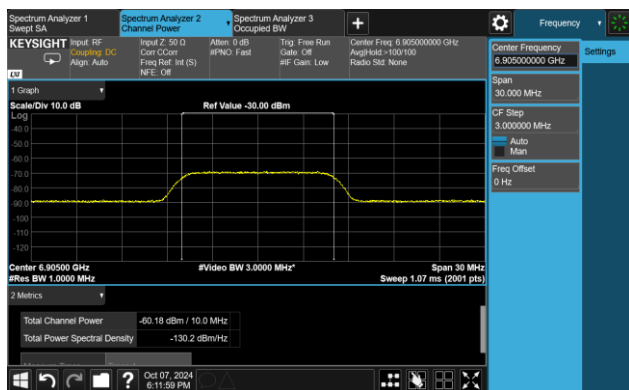
802.11be-EHT20 / CH213



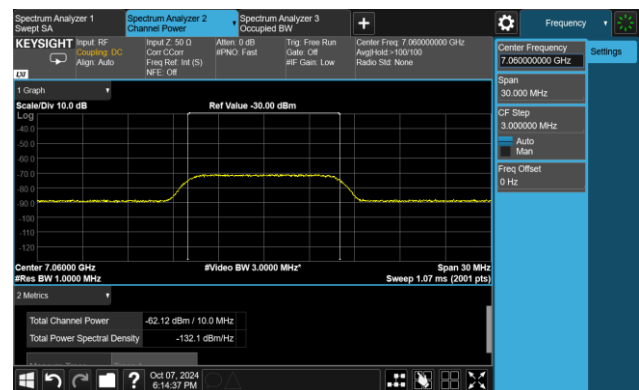
802.11be-EHT320 / CH191 (Low Edge)



802.11be-EHT320 / CH191 (Middle)

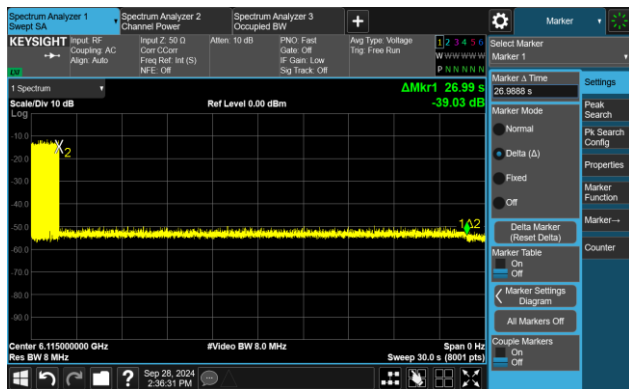


802.11be-EHT320 / CH191 (High Edge)

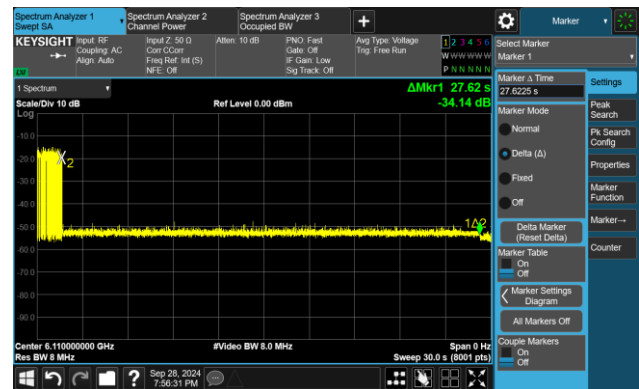


Test Result of EUT ceased transmission (NII-5 Band)

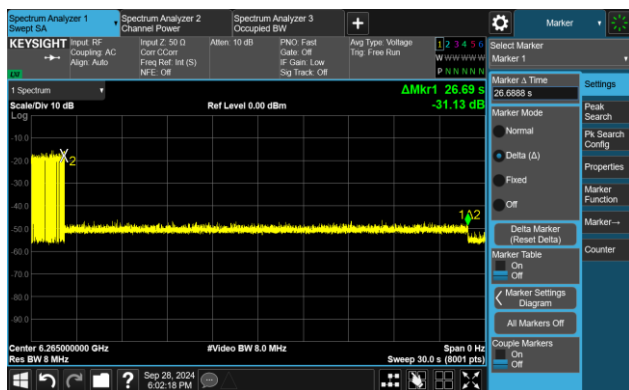
802.11be-EHT20 / CH33



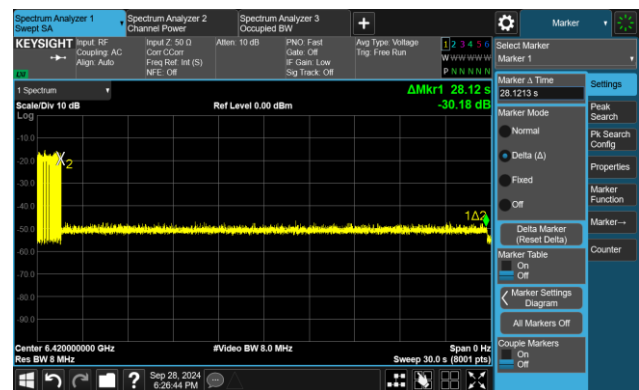
802.11be-EHT320 / CH63 (Low Edge)



802.11be-EHT320 / CH63 (Middle)

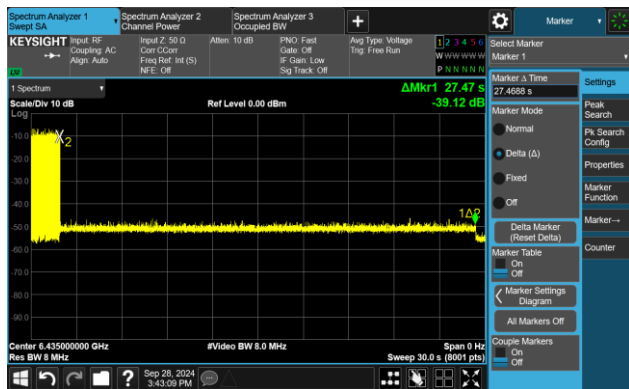


802.11be-EHT320 / CH63 (High Edge)

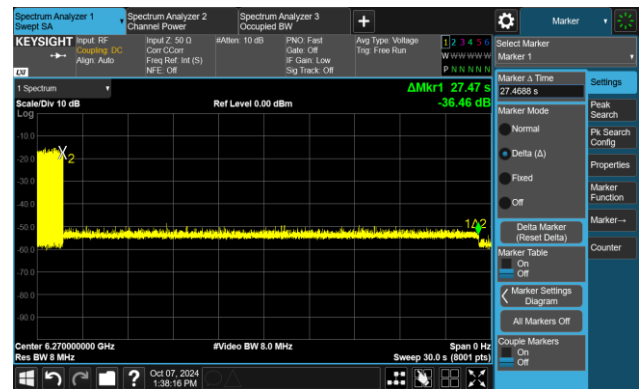


Test Result of EUT ceased transmission (NII-6 Band)

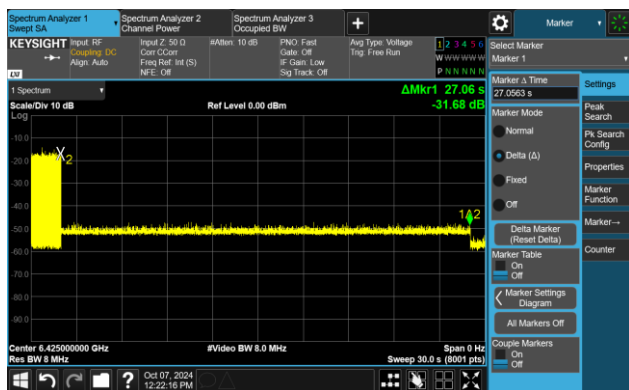
802.11be-EHT20 / CH97



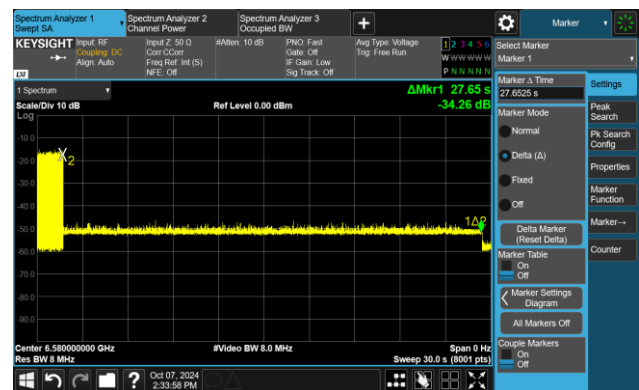
802.11be-EHT320 / CH95 (Low Edge)



802.11be-EHT320 / CH95 (Middle)

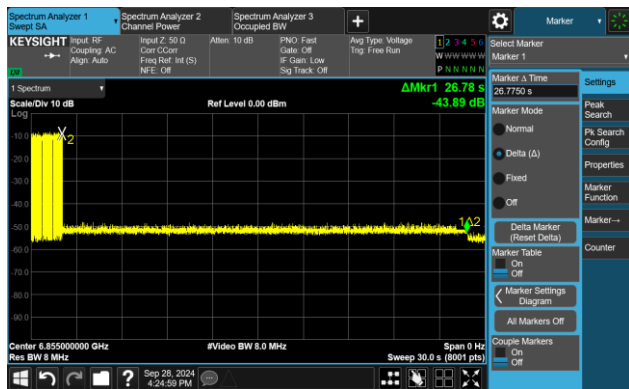


802.11be-EHT320 / CH95 (High Edge)

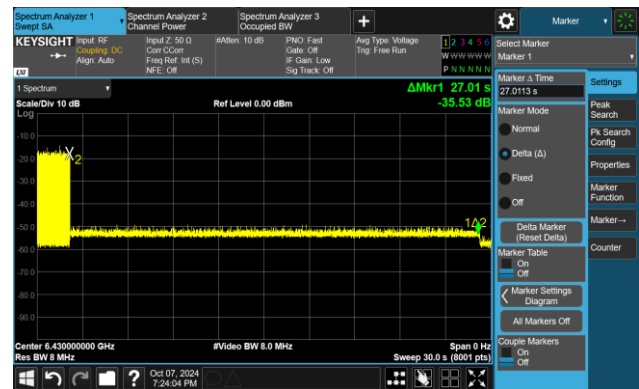


Test Result of EUT ceased transmission (NII-7 Band)

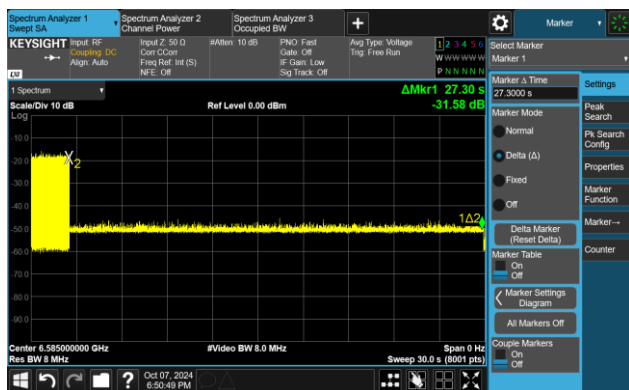
802.11be-EHT20 / CH181



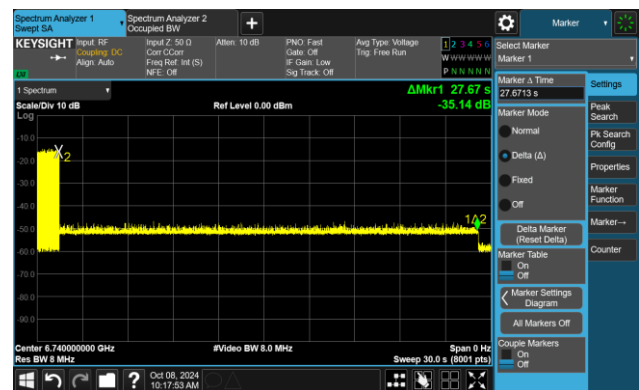
802.11be-EHT320 / CH127 (Low Edge)



802.11be-EHT320 / CH127 (Middle)

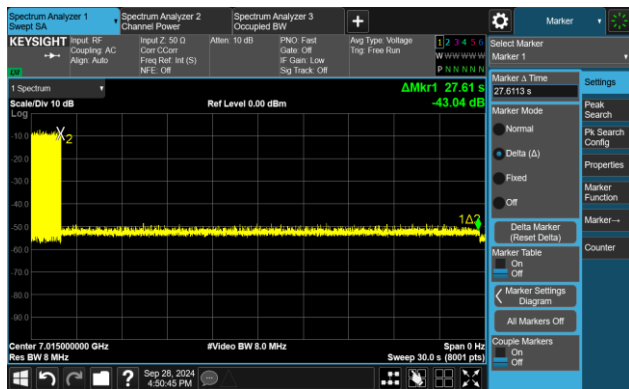


802.11be-EHT320 / CH127 (High Edge)

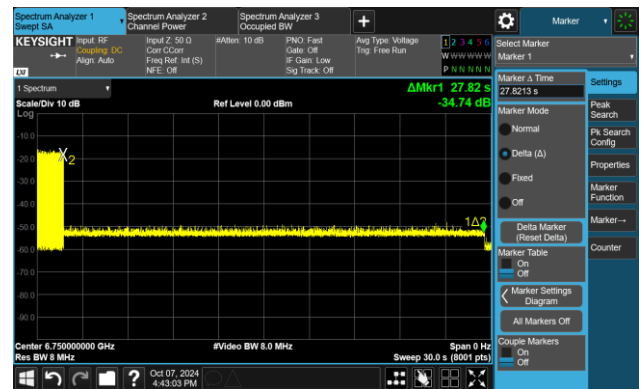


Test Result of EUT ceased transmission (NII-8 Band)

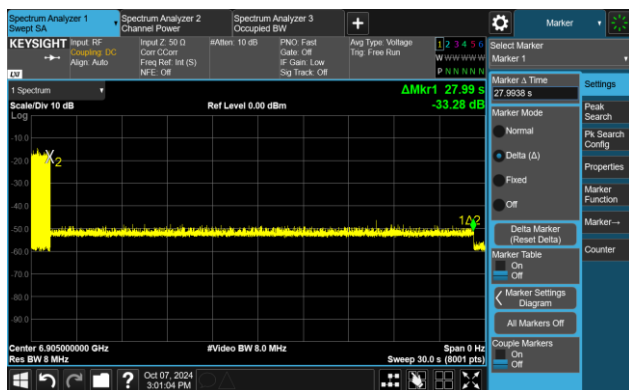
802.11be-EHT20 / CH213



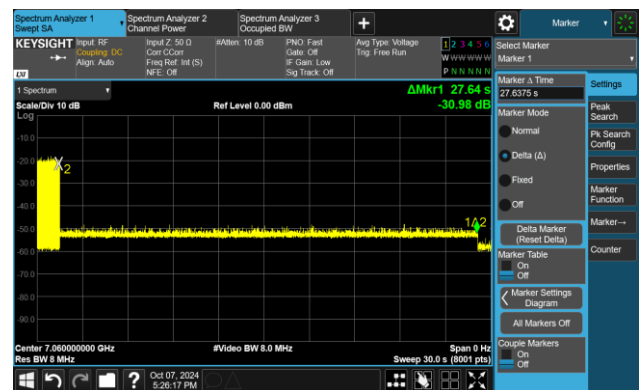
802.11be-EHT320 / CH191 (Low Edge)



802.11be-EHT320 / CH191 (Middle)



802.11be-EHT320 / CH191 (High Edge)



A.8 Radiated Spurious Emission Test Result

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	8231.8	39.8	5.8	45.6	74.0	-28.4	Peak	Horizontal
*	8888.0	39.9	6.4	46.3	88.2	-41.9	Peak	Horizontal
*	9807.7	41.9	6.3	48.2	88.2	-40.0	Peak	Horizontal
	12495.4	44.5	5.0	49.5	74.0	-24.5	Peak	Horizontal
*	8627.9	40.5	6.2	46.7	88.2	-41.5	Peak	Vertical
	9066.5	39.8	6.5	46.3	74.0	-27.7	Peak	Vertical
*	10101.8	40.4	5.9	46.3	88.2	-41.9	Peak	Vertical
	12588.9	43.3	5.2	48.5	74.0	-25.5	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	8423.9	39.7	6.0	45.7	74.0	-28.3	Peak	Horizontal
*	8879.5	39.2	6.4	45.6	88.2	-42.6	Peak	Horizontal
*	9807.7	41.8	6.3	48.1	88.2	-40.1	Peak	Horizontal
	12158.8	43.7	5.0	48.7	74.0	-25.3	Peak	Horizontal
	9182.1	40.7	6.4	47.1	74.0	-26.9	Peak	Vertical
*	10392.5	41.0	5.7	46.7	88.2	-41.5	Peak	Vertical
	12010.9	43.2	5.0	48.2	74.0	-25.8	Peak	Vertical
*	12886.4	44.3	5.3	49.6	88.2	-38.6	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9001.9	40.0	6.5	46.5	74.0	-27.5	Peak	Horizontal
*	9647.9	40.9	6.2	47.1	88.2	-41.1	Peak	Horizontal
	12524.3	43.4	5.1	48.5	74.0	-25.5	Peak	Horizontal
*	13848.6	45.1	4.9	50.0	88.2	-38.2	Peak	Horizontal
	8429.0	40.3	6.0	46.3	74.0	-27.7	Peak	Vertical
*	9647.9	40.7	6.2	46.9	88.2	-41.3	Peak	Vertical
	12478.4	43.7	4.8	48.5	74.0	-25.5	Peak	Vertical
*	13770.4	45.1	4.9	50.0	88.2	-38.2	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 dBuV/m can be determined by adding a "conversion" factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
*	10010.0	41.2	5.9	47.1	88.2	-41.1	Peak	Horizontal
	12140.1	44.4	5.0	49.4	74.0	-24.6	Peak	Horizontal
	13359.0	44.5	5.2	49.7	74.0	-24.3	Peak	Horizontal
*	14171.6	45.7	5.5	51.2	88.2	-37.0	Peak	Horizontal
	9452.4	40.9	6.2	47.1	74.0	-26.9	Peak	Vertical
*	9807.7	41.7	6.3	48.0	88.2	-40.2	Peak	Vertical
	12566.8	43.9	5.2	49.1	74.0	-24.9	Peak	Vertical
*	15030.1	46.1	5.7	51.8	88.2	-36.4	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 dBuV/m can be determined by adding a "conversion" factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	8189.3	40.2	5.6	45.8	74.0	-28.2	Peak	Horizontal
*	8736.7	41.5	6.3	47.8	88.2	-40.4	Peak	Horizontal
*	9807.7	41.7	6.3	48.0	88.2	-40.2	Peak	Horizontal
	12492.0	44.0	5.0	49.0	74.0	-25.0	Peak	Horizontal
	8369.5	39.5	5.9	45.4	74.0	-28.6	Peak	Vertical
*	9647.9	40.8	6.2	47.0	88.2	-41.2	Peak	Vertical
	12510.7	44.4	5.0	49.4	74.0	-24.6	Peak	Vertical
*	14156.3	45.2	5.6	50.8	88.2	-37.4	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9090.3	40.8	6.5	47.3	74.0	-26.7	Peak	Horizontal
*	9807.7	41.9	6.3	48.2	88.2	-40.0	Peak	Horizontal
	10815.8	42.9	5.2	48.1	74.0	-25.9	Peak	Horizontal
*	14333.1	45.2	5.6	50.8	88.2	-37.4	Peak	Horizontal
	8429.0	40.2	6.0	46.2	74.0	-27.8	Peak	Vertical
*	10152.8	41.2	5.9	47.1	88.2	-41.1	Peak	Vertical
	12650.1	43.7	5.6	49.3	74.0	-24.7	Peak	Vertical
*	15098.1	45.8	5.8	51.6	88.2	-36.6	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	8401.8	39.8	6.0	45.8	74.0	-28.2	Peak	Horizontal
*	9807.7	41.8	6.3	48.1	88.2	-40.1	Peak	Horizontal
	11196.6	43.1	5.3	48.4	74.0	-25.6	Peak	Horizontal
*	14968.9	46.3	5.7	52.0	88.2	-36.2	Peak	Horizontal
	8294.7	40.0	5.8	45.8	74.0	-28.2	Peak	Vertical
*	9647.9	40.7	6.2	46.9	88.2	-41.3	Peak	Vertical
	12505.6	43.9	5.0	48.9	74.0	-25.1	Peak	Vertical
*	15111.7	45.6	5.8	51.4	88.2	-36.8	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 dBuV/m can be determined by adding a "conversion" factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
Test Mode	802.11ax-HE20	Test Channel	153
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	8425.6	40.0	6.0	46.0	74.0	-28.0	Peak	Horizontal
*	9807.7	41.9	6.3	48.2	88.2	-40.0	Peak	Horizontal
	12315.2	43.9	4.7	48.6	74.0	-25.4	Peak	Horizontal
*	14435.1	45.6	5.6	51.2	88.2	-37.0	Peak	Horizontal
	9064.8	40.3	6.5	46.8	74.0	-27.2	Peak	Vertical
	11837.5	42.5	5.0	47.5	74.0	-26.5	Peak	Vertical
*	12801.4	44.8	5.5	50.3	88.2	-37.9	Peak	Vertical
*	15096.4	45.9	5.8	51.7	88.2	-36.5	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	8425.6	39.1	6.0	45.1	74.0	-28.9	Peak	Horizontal
*	9807.7	42.2	6.3	48.5	88.2	-39.7	Peak	Horizontal
	12580.4	44.5	5.2	49.7	74.0	-24.3	Peak	Horizontal
*	13719.4	47.2	4.6	51.8	88.2	-36.4	Peak	Horizontal
*	10044.0	41.5	6.0	47.5	88.2	-40.7	Peak	Vertical
	12497.1	43.6	5.0	48.6	74.0	-25.4	Peak	Vertical
*	13707.5	45.9	4.7	50.6	88.2	-37.6	Peak	Vertical
	15606.4	45.0	6.0	51.0	74.0	-23.0	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
*	9807.7	40.9	6.3	47.2	88.2	-41.0	Peak	Horizontal
	12585.5	44.4	5.2	49.6	74.0	-24.4	Peak	Horizontal
*	13746.6	47.3	4.7	52.0	88.2	-36.2	Peak	Horizontal
	15589.4	45.0	5.9	50.9	74.0	-23.1	Peak	Horizontal
	8398.4	40.0	6.0	46.0	74.0	-28.0	Peak	Vertical
*	9919.9	40.7	6.0	46.7	88.2	-41.5	Peak	Vertical
	12182.6	44.1	5.0	49.1	74.0	-24.9	Peak	Vertical
*	14644.2	45.4	5.8	51.2	88.2	-37.0	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 dBuV/m can be determined by adding a "conversion" factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	8395.0	39.0	6.0	45.0	74.0	-29.0	Peak	Horizontal
*	9647.9	42.2	6.2	48.4	88.2	-39.8	Peak	Horizontal
	12065.3	43.3	5.1	48.4	74.0	-25.6	Peak	Horizontal
*	13801.0	47.8	4.7	52.5	88.2	-35.7	Peak	Horizontal
	9129.4	39.7	6.5	46.2	74.0	-27.8	Peak	Vertical
	12364.5	43.4	4.7	48.1	74.0	-25.9	Peak	Vertical
*	13785.7	47.3	4.8	52.1	88.2	-36.1	Peak	Vertical
*	14938.3	45.5	5.7	51.2	88.2	-37.0	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
Test Mode	802.11ax-HE20	Test Channel	213
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9085.2	40.0	6.4	46.4	74.0	-27.6	Peak	Horizontal
	12267.6	43.7	4.8	48.5	74.0	-25.5	Peak	Horizontal
*	13989.7	49.8	5.4	55.2	88.2	-33.0	Peak	Horizontal
*	15121.9	46.4	5.8	52.2	88.2	-36.0	Peak	Horizontal
	9024.0	40.0	6.4	46.4	74.0	-27.6	Peak	Vertical
	11939.5	43.4	5.0	48.4	74.0	-25.6	Peak	Vertical
*	12809.9	43.9	5.5	49.4	88.2	-38.8	Peak	Vertical
*	13991.4	51.9	5.4	57.3	88.2	-30.9	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	8306.6	40.2	5.8	46.0	74.0	-28.0	Peak	Horizontal
*	9807.7	41.7	6.3	48.0	88.2	-40.2	Peak	Horizontal
	12043.2	43.1	5.2	48.3	74.0	-25.7	Peak	Horizontal
*	14188.6	50.5	5.5	56.0	88.2	-32.2	Peak	Horizontal
*	9675.1	40.8	6.2	47.0	88.2	-41.2	Peak	Vertical
	11795.0	43.4	4.8	48.2	74.0	-25.8	Peak	Vertical
*	14192.0	49.8	5.5	55.3	88.2	-32.9	Peak	Vertical
	16012.7	44.5	6.4	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
*	9807.7	41.7	6.3	48.0	88.2	-40.2	Peak	Horizontal
	11364.9	42.2	5.5	47.7	74.0	-26.3	Peak	Horizontal
*	12871.1	44.4	5.4	49.8	88.2	-38.4	Peak	Horizontal
	15895.4	44.6	6.3	50.9	74.0	-23.1	Peak	Horizontal
	9440.5	40.7	6.1	46.8	74.0	-27.2	Peak	Vertical
	12269.3	44.0	4.8	48.8	74.0	-25.2	Peak	Vertical
*	12843.9	44.4	5.5	49.9	88.2	-38.3	Peak	Vertical
*	15030.1	46.0	5.7	51.7	88.2	-36.5	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 dBuV/m can be determined by adding a "conversion" factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9047.8	39.5	6.6	46.1	74.0	-27.9	Peak	Horizontal
*	9807.7	40.9	6.3	47.2	88.2	-41.0	Peak	Horizontal
	11674.3	43.7	4.8	48.5	74.0	-25.5	Peak	Horizontal
*	15091.3	45.7	5.8	51.5	88.2	-36.7	Peak	Horizontal
	7352.9	41.7	5.0	46.7	74.0	-27.3	Peak	Vertical
*	9807.7	40.5	6.3	46.8	88.2	-41.4	Peak	Vertical
	12279.5	44.0	4.9	48.9	74.0	-25.1	Peak	Vertical
*	14644.2	45.4	5.8	51.2	88.2	-37.0	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9086.9	39.8	6.4	46.2	74.0	-27.8	Peak	Horizontal
*	9807.7	41.7	6.3	48.0	88.2	-40.2	Peak	Horizontal
	11679.4	43.6	4.8	48.4	74.0	-25.6	Peak	Horizontal
*	14945.1	46.0	5.8	51.8	88.2	-36.4	Peak	Horizontal
*	10047.4	41.3	6.0	47.3	88.2	-40.9	Peak	Vertical
	12558.3	44.6	5.2	49.8	74.0	-24.2	Peak	Vertical
*	15055.6	45.9	5.7	51.6	88.2	-36.6	Peak	Vertical
	15550.3	44.9	5.9	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9069.9	40.1	6.5	46.6	74.0	-27.4	Peak	Horizontal
*	9807.7	43.2	6.3	49.5	88.2	-38.7	Peak	Horizontal
	10902.5	43.0	5.3	48.3	74.0	-25.7	Peak	Horizontal
*	14911.1	45.3	5.7	51.0	88.2	-37.2	Peak	Horizontal
	9112.4	40.2	6.4	46.6	74.0	-27.4	Peak	Vertical
	12082.3	43.1	5.2	48.3	74.0	-25.7	Peak	Vertical
*	13673.5	46.0	4.7	50.7	88.2	-37.5	Peak	Vertical
*	14601.7	45.7	5.7	51.4	88.2	-36.8	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
*	9647.9	41.5	6.2	47.7	88.2	-40.5	Peak	Horizontal
	10914.4	41.4	5.3	46.7	74.0	-27.3	Peak	Horizontal
	12087.4	43.6	5.2	48.8	74.0	-25.2	Peak	Horizontal
*	13729.6	46.1	4.6	50.7	88.2	-37.5	Peak	Horizontal
*	9647.9	41.3	6.2	47.5	88.2	-40.7	Peak	Vertical
	12658.6	43.9	5.6	49.5	74.0	-24.5	Peak	Vertical
*	14894.1	46.4	5.7	52.1	88.2	-36.1	Peak	Vertical
	15934.5	44.6	6.2	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9358.9	40.0	6.2	46.2	74.0	-27.8	Peak	Horizontal
	11405.7	42.3	5.5	47.8	74.0	-26.2	Peak	Horizontal
*	13134.6	45.8	4.8	50.6	88.2	-37.6	Peak	Horizontal
*	13408.3	45.7	5.0	50.7	88.2	-37.5	Peak	Horizontal
*	9807.7	40.8	6.3	47.1	88.2	-41.1	Peak	Vertical
	12587.2	43.4	5.2	48.6	74.0	-25.4	Peak	Vertical
*	14958.7	45.2	5.7	50.9	88.2	-37.3	Peak	Vertical
	15750.9	44.6	6.2	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	8451.1	40.0	6.0	46.0	74.0	-28.0	Peak	Horizontal
*	9807.7	41.9	6.3	48.2	88.2	-40.0	Peak	Horizontal
	12371.3	44.2	4.7	48.9	74.0	-25.1	Peak	Horizontal
*	12925.5	45.9	5.2	51.1	88.2	-37.1	Peak	Horizontal
	9467.7	40.1	6.2	46.3	74.0	-27.7	Peak	Vertical
*	10214.0	41.3	6.0	47.3	88.2	-40.9	Peak	Vertical
	12585.5	43.6	5.2	48.8	74.0	-25.2	Peak	Vertical
*	14894.1	45.6	5.7	51.3	88.2	-36.9	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
*	9807.7	42.2	6.3	48.5	88.2	-39.7	Peak	Horizontal
	11400.6	42.4	5.5	47.9	74.0	-26.1	Peak	Horizontal
*	14761.5	46.1	5.6	51.7	88.2	-36.5	Peak	Horizontal
	15766.2	44.3	6.4	50.7	74.0	-23.3	Peak	Horizontal
	12412.1	44.1	4.7	48.8	74.0	-25.2	Peak	Vertical
*	12792.9	44.5	5.6	50.1	88.2	-38.1	Peak	Vertical
*	15132.1	45.5	5.8	51.3	88.2	-36.9	Peak	Vertical
	16007.6	44.4	6.4	50.8	74.0	-23.2	Peak	Vertical
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBuV/m can be determined by adding a "conversion" factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9146.4	39.7	6.4	46.1	74.0	-27.9	Peak	Horizontal
*	9807.7	41.2	6.3	47.5	88.2	-40.7	Peak	Horizontal
	12643.3	43.3	5.6	48.9	74.0	-25.1	Peak	Horizontal
*	13702.4	46.2	4.7	50.9	88.2	-37.3	Peak	Horizontal
	9069.9	40.0	6.5	46.5	74.0	-27.5	Peak	Vertical
*	10234.4	40.6	5.9	46.5	88.2	-41.7	Peak	Vertical
	12179.2	43.7	5.1	48.8	74.0	-25.2	Peak	Vertical
*	14924.7	45.8	5.5	51.3	88.2	-36.9	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9109.0	39.9	6.4	46.3	74.0	-27.7	Peak	Horizontal
	12274.4	43.7	4.9	48.6	74.0	-25.4	Peak	Horizontal
*	13782.3	46.3	4.8	51.1	88.2	-37.1	Peak	Horizontal
*	15113.4	46.5	5.8	52.3	88.2	-35.9	Peak	Horizontal
*	9680.2	40.9	6.2	47.1	88.2	-41.1	Peak	Vertical
	12643.3	44.0	5.6	49.6	74.0	-24.4	Peak	Vertical
*	13768.7	45.9	4.9	50.8	88.2	-37.4	Peak	Vertical
	15603.0	44.8	6.0	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
*	9807.7	41.7	6.3	48.0	88.2	-40.2	Peak	Horizontal
	11477.1	42.1	5.4	47.5	74.0	-26.5	Peak	Horizontal
	12264.2	43.4	4.8	48.2	74.0	-25.8	Peak	Horizontal
*	13858.8	46.7	4.9	51.6	88.2	-36.6	Peak	Horizontal
*	9807.7	41.5	6.3	47.8	88.2	-40.4	Peak	Vertical
	12464.8	44.4	4.8	49.2	74.0	-24.8	Peak	Vertical
*	15076.0	45.6	5.9	51.5	88.2	-36.7	Peak	Vertical
	16000.8	44.6	6.3	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 dBuV/m can be determined by adding a "conversion" factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9343.6	40.6	6.2	46.8	74.0	-27.2	Peak	Horizontal
*	9807.7	41.9	6.3	48.2	88.2	-40.0	Peak	Horizontal
	12138.4	42.9	5.0	47.9	74.0	-26.1	Peak	Horizontal
*	14010.1	48.4	5.4	53.8	88.2	-34.4	Peak	Horizontal
*	10127.3	40.6	5.9	46.5	88.2	-41.7	Peak	Vertical
	12167.3	43.5	5.1	48.6	74.0	-25.4	Peak	Vertical
*	14006.7	48.9	5.3	54.2	88.2	-34.0	Peak	Vertical
	15621.7	44.9	6.0	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9012.1	39.6	6.5	46.1	74.0	-27.9	Peak	Horizontal
*	9807.7	42.8	6.3	49.1	88.2	-39.1	Peak	Horizontal
	12509.0	43.8	4.9	48.7	74.0	-25.3	Peak	Horizontal
*	14180.1	49.3	5.5	54.8	88.2	-33.4	Peak	Horizontal
	12638.2	43.3	5.5	48.8	74.0	-25.2	Peak	Vertical
*	13187.3	45.1	4.9	50.0	88.2	-38.2	Peak	Vertical
*	14169.9	50.3	5.5	55.8	88.2	-32.4	Peak	Vertical
	16045.0	33.2	6.0	39.2	54.0	-14.8	Average	Vertical
	16045.0	45.7	6.0	51.7	74.0	-22.3	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Product	HAN Access Point (AP521)	Test Engineer	Carl Jiang
Test Site	WJ-AC2	Test Date	2024-09-22
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 shown in the report.		

Mark	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Polarization
	9190.6	40.4	6.4	46.8	74.0	-27.2	Peak	Horizontal
*	9807.7	41.1	6.3	47.4	88.2	-40.8	Peak	Horizontal
	12383.2	44.0	4.7	48.7	74.0	-25.3	Peak	Horizontal
*	12857.5	45.2	5.5	50.7	88.2	-37.5	Peak	Horizontal
	11456.7	42.7	5.3	48.0	74.0	-26.0	Peak	Vertical
*	12838.8	44.1	5.4	49.5	88.2	-38.7	Peak	Vertical
*	14540.5	45.2	5.8	51.0	88.2	-37.2	Peak	Vertical
	15830.8	44.4	6.5	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 dBuV/m can be determined by adding a “conversion” factor of 95.2dB to the Limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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