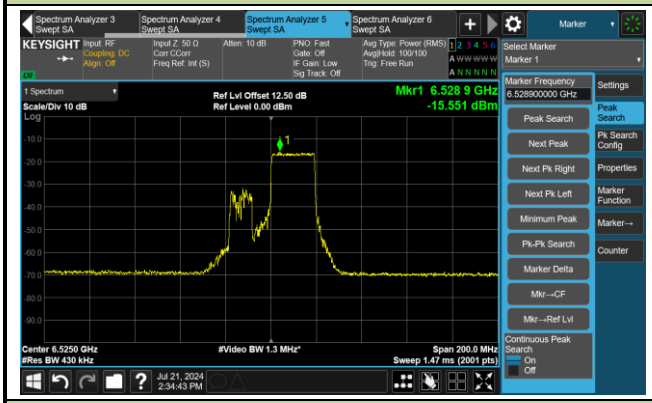
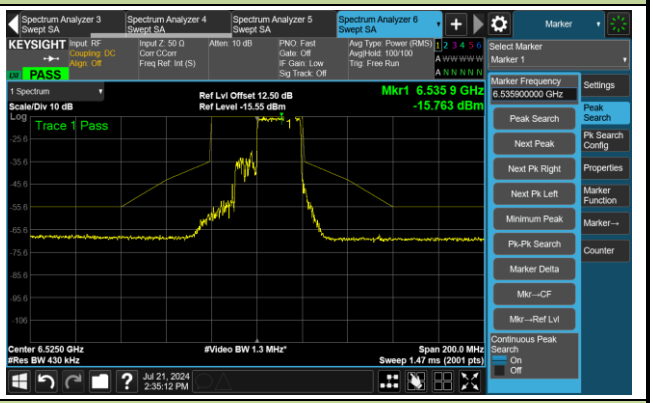
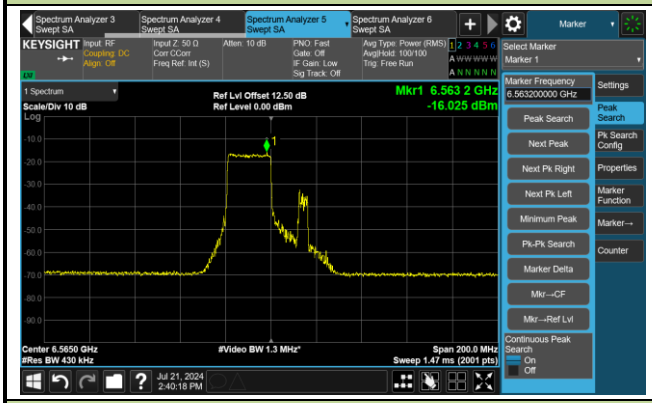
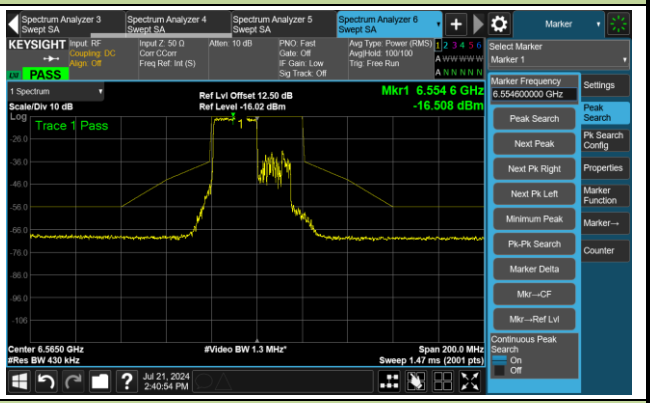
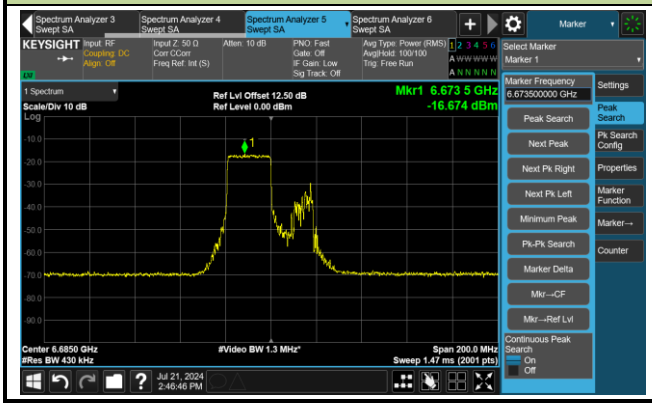
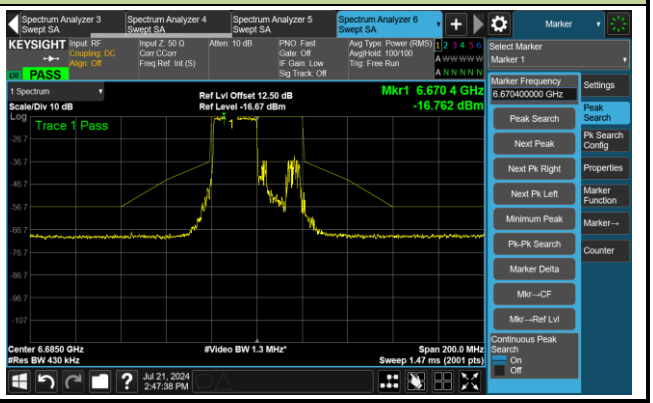
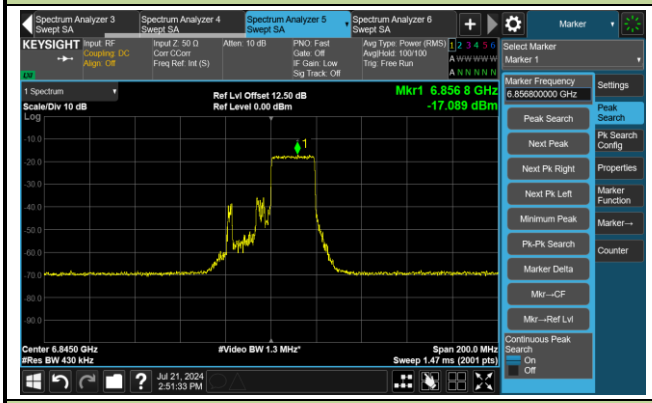
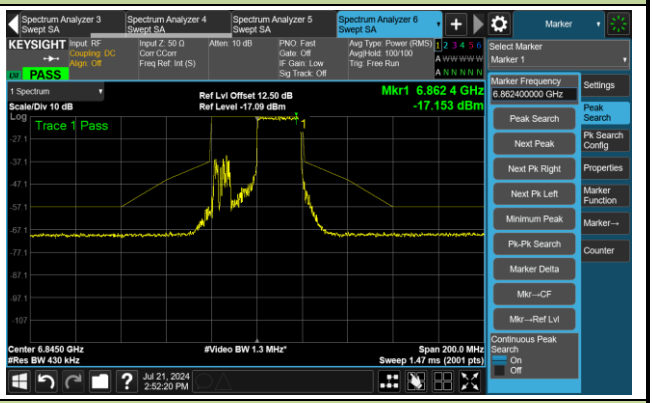
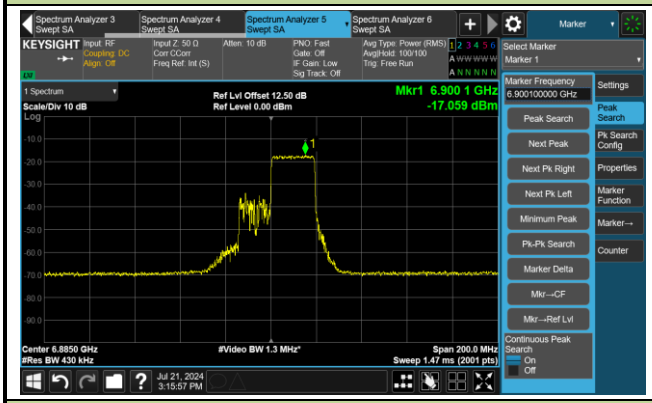
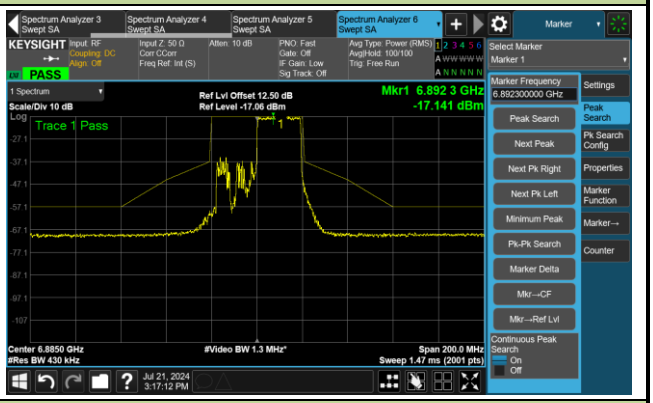
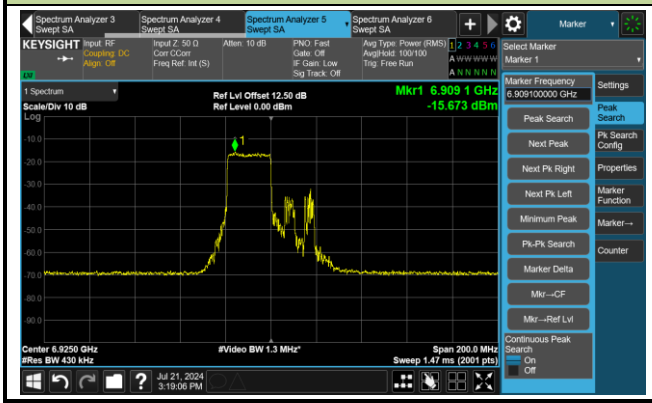
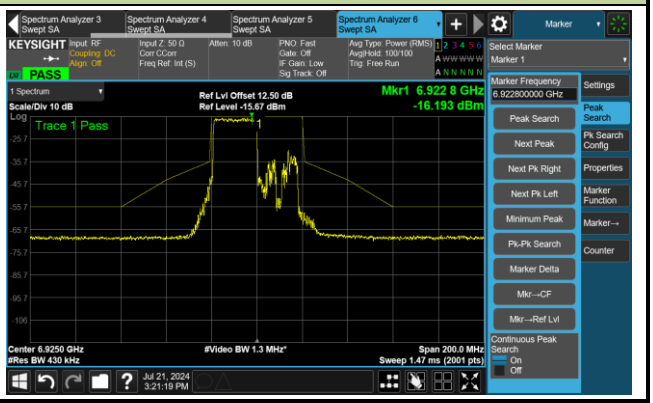
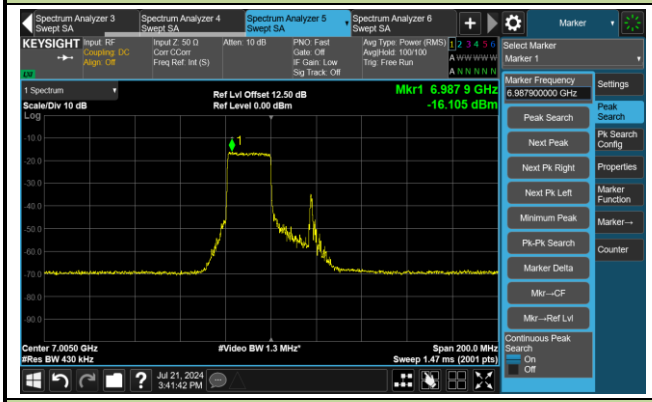
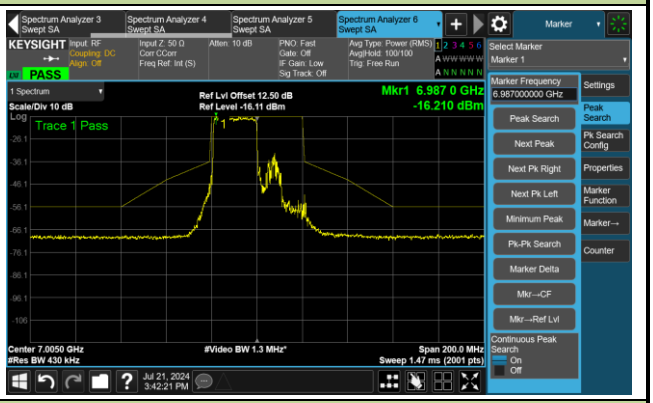
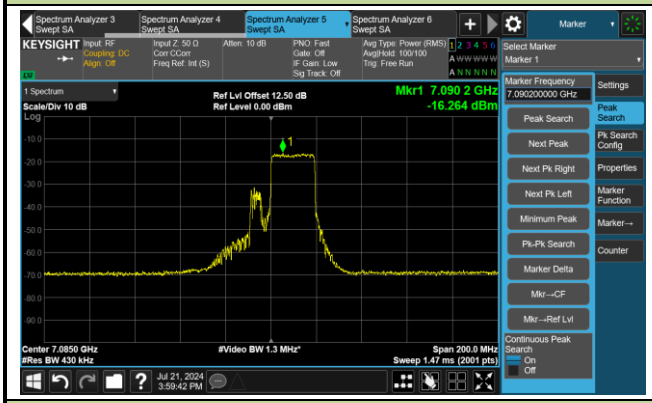
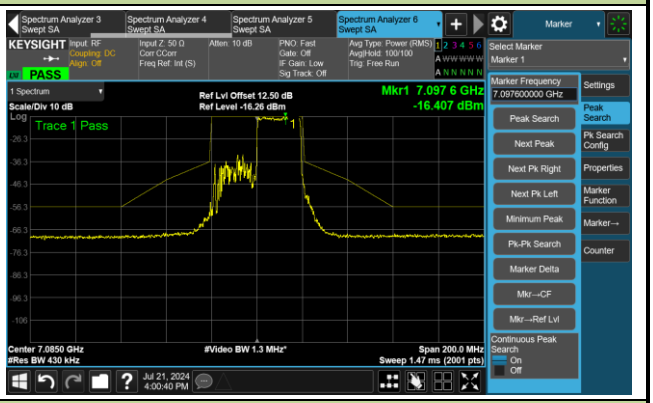
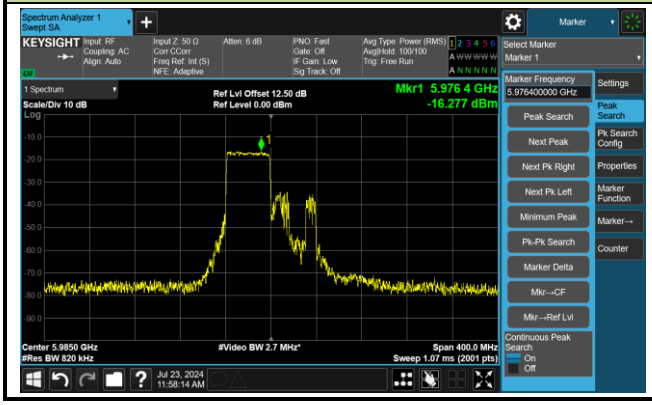
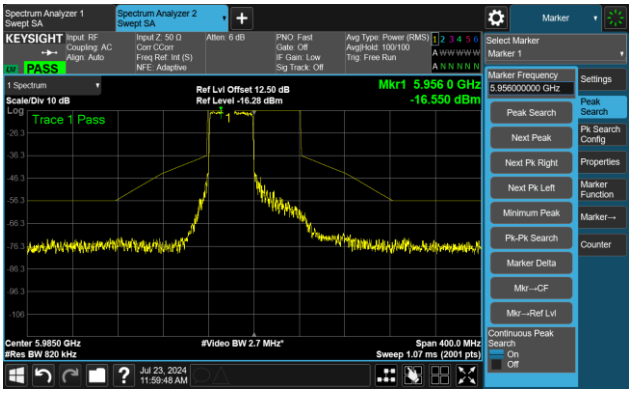
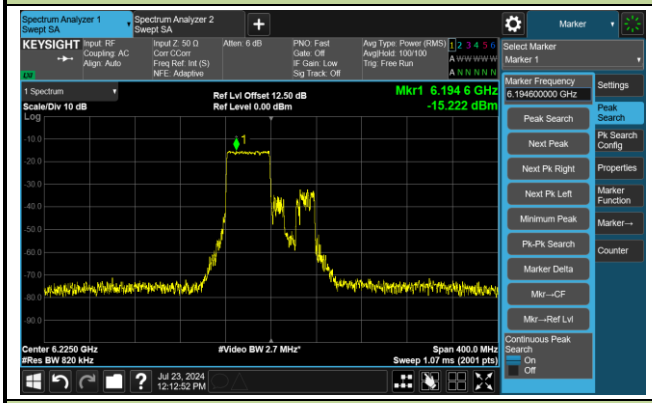
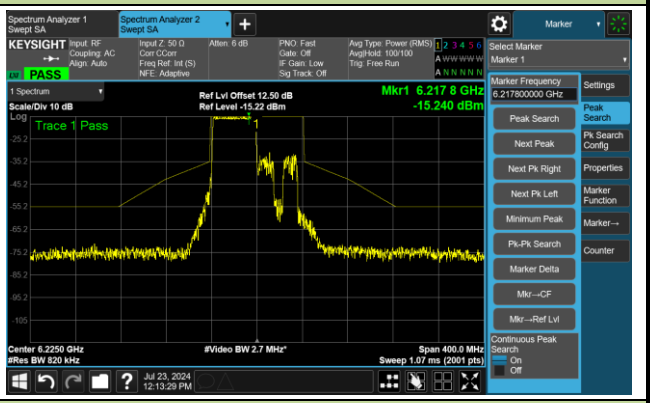
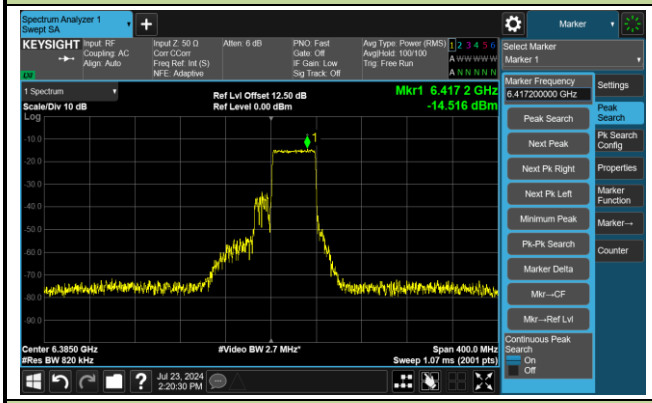
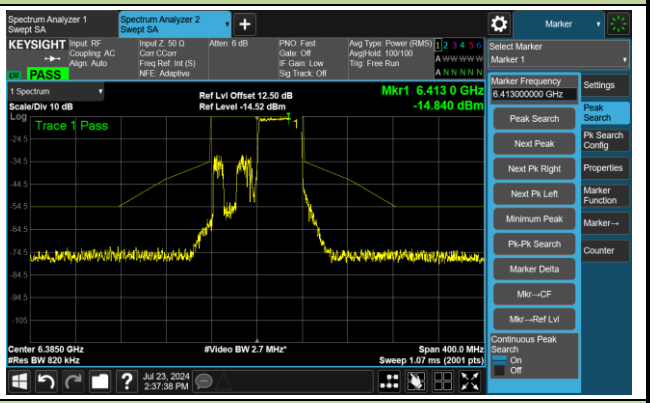
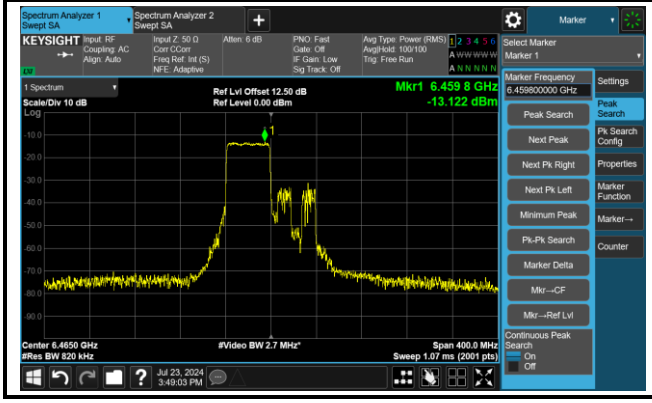
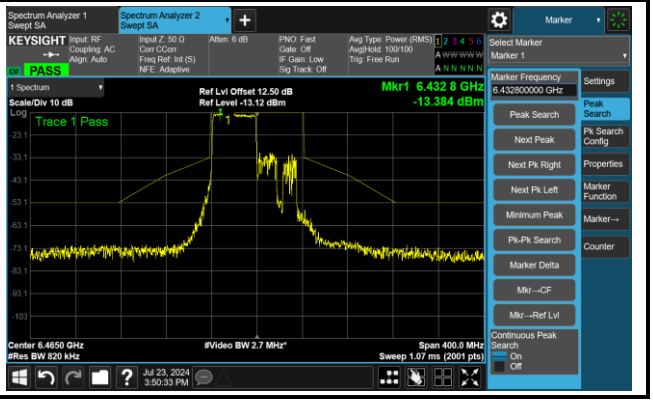
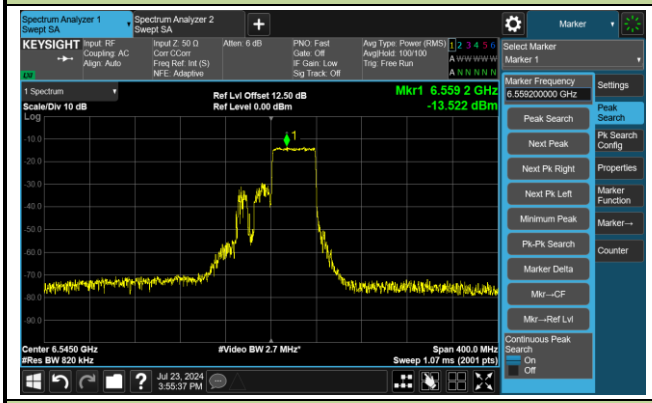
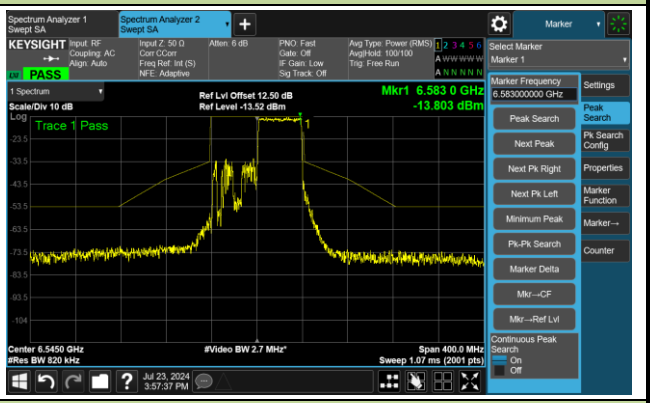
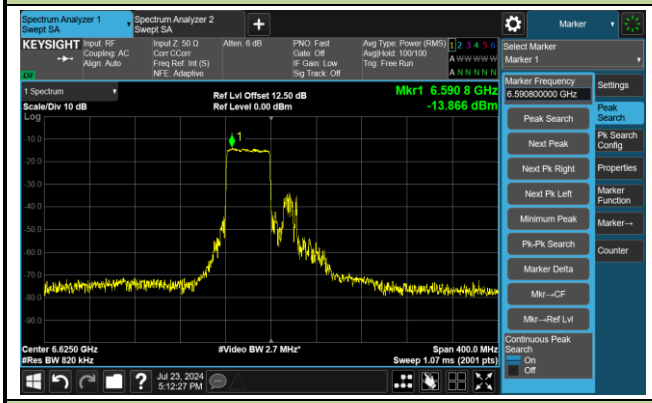
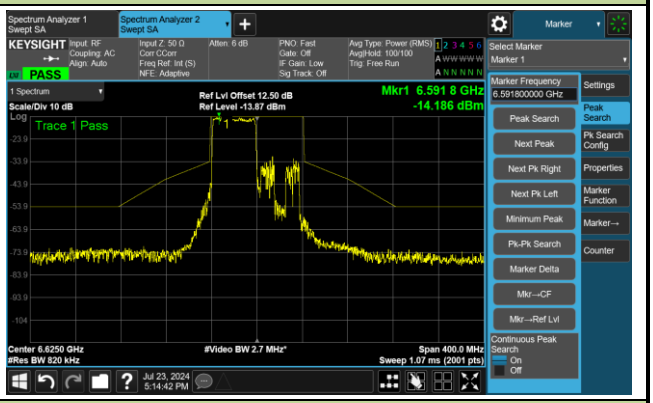
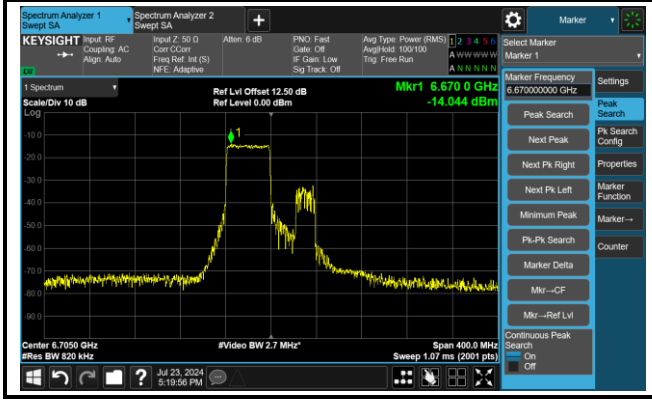
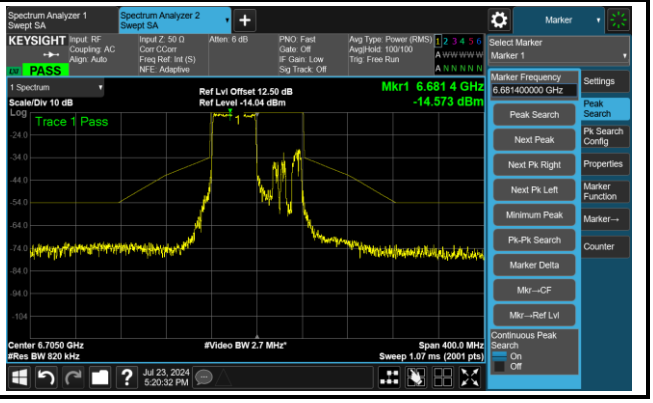
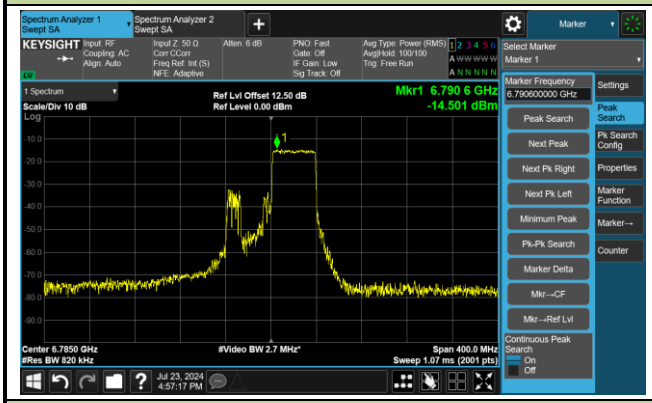
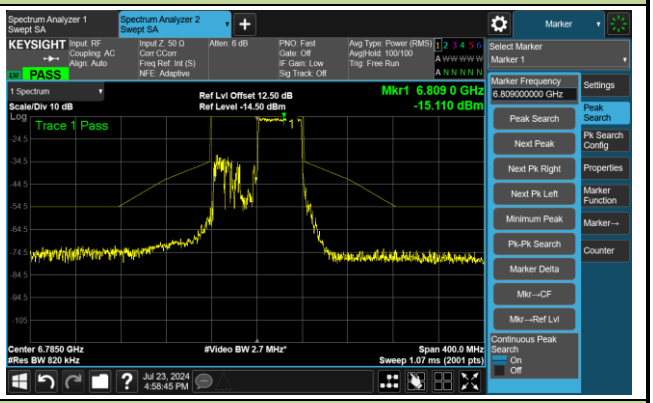
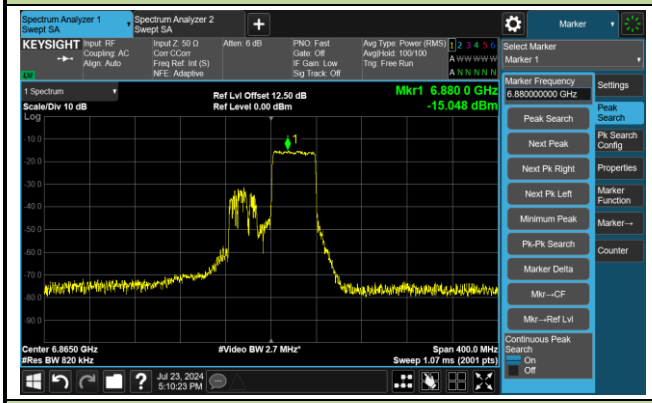
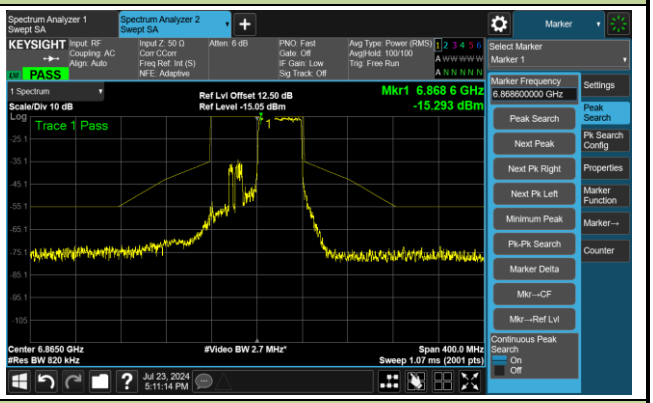
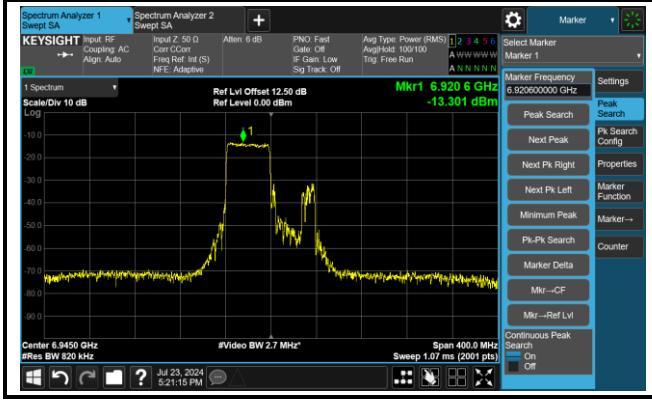
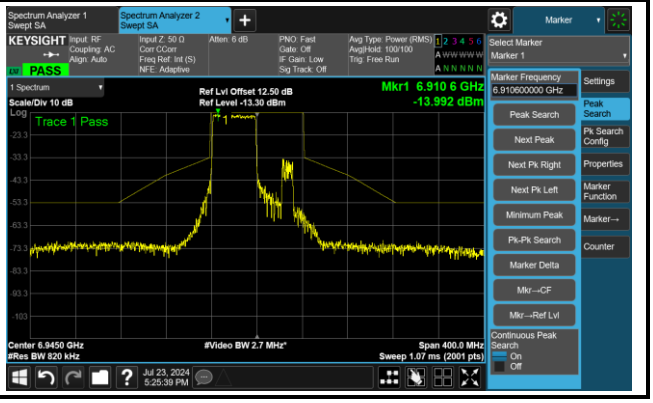
802.11ax-HE40 – Ant 2	
Channel 115 (6525MHz) RU242/62	
The Reference Level	The Mask Data
	
Channel 123 (6565MHz) RU242/61	
The Reference Level	The Mask Data
	
Channel 147 (6685MHz) RU242/61	
The Reference Level	The Mask Data
	

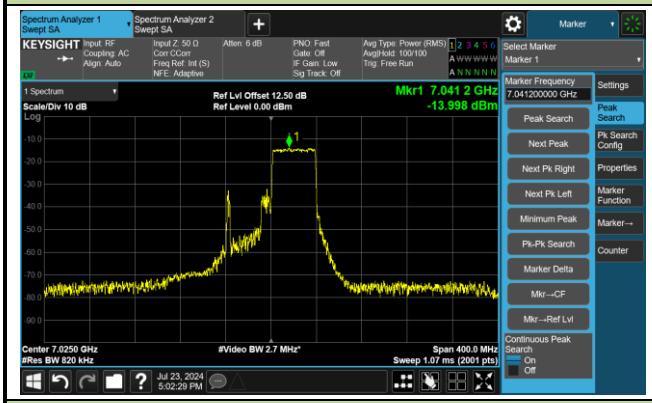
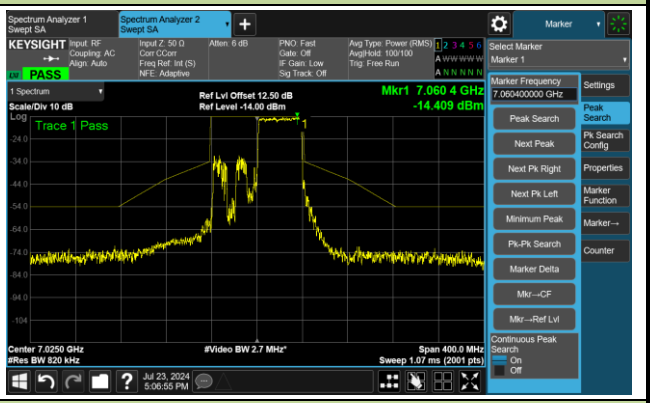
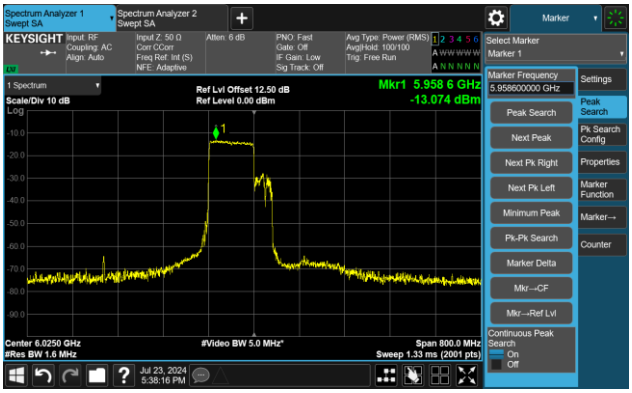
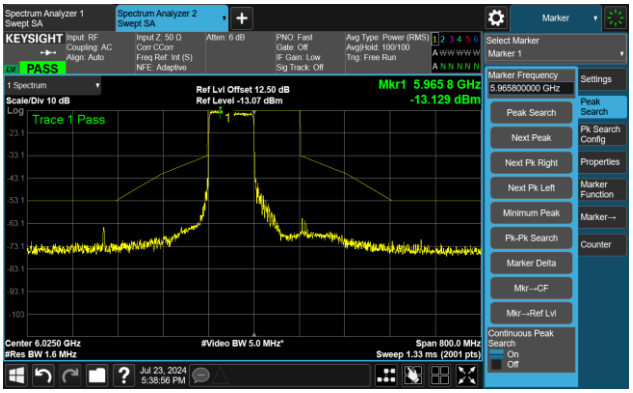
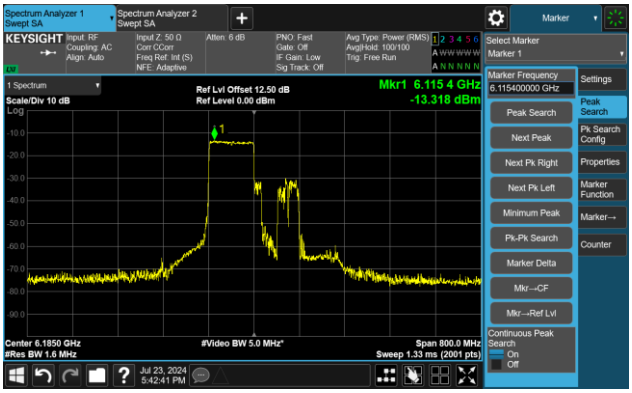
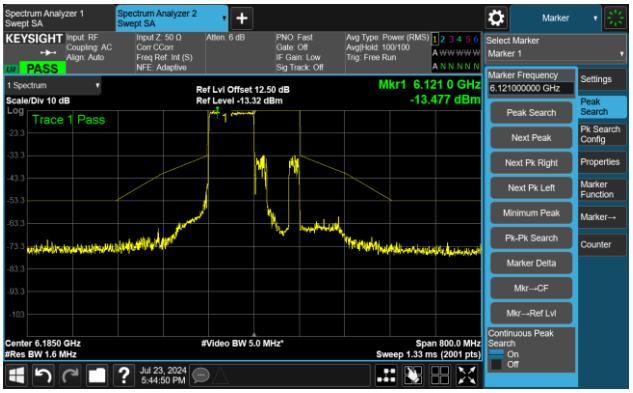
802.11ax-HE40 – Ant 2	
Channel 179 (6845MHz) RU242/62	
The Reference Level	The Mask Data
	
Channel 187 (6885MHz) RU242/62	
The Reference Level	The Reference Level
	
Channel 195 (6925MHz) RU242/61	
The Reference Level	The Mask Data
	

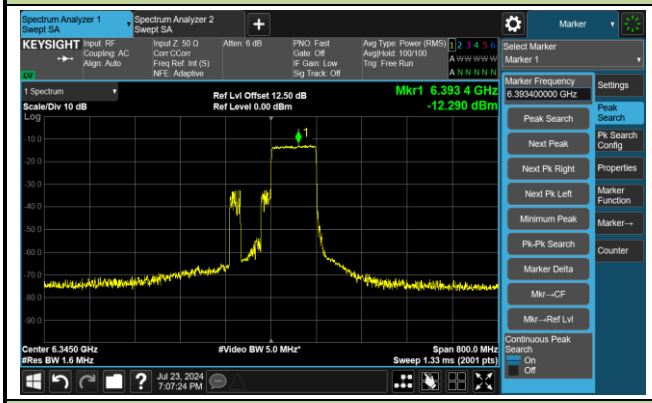
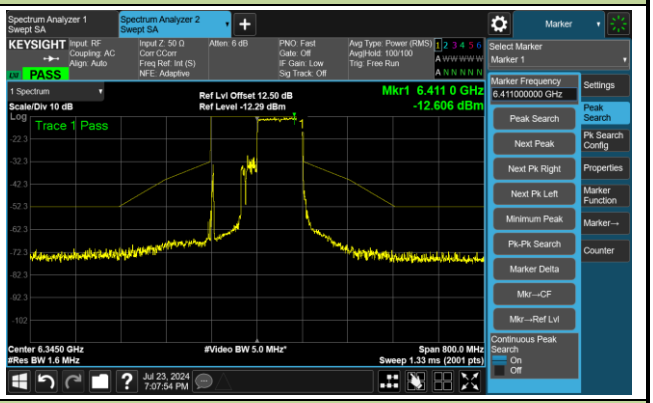
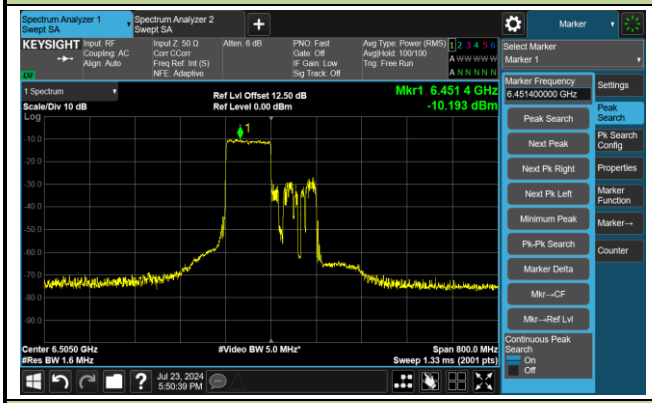
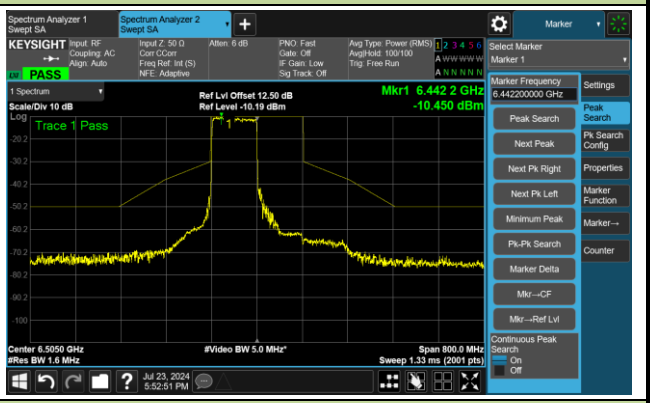
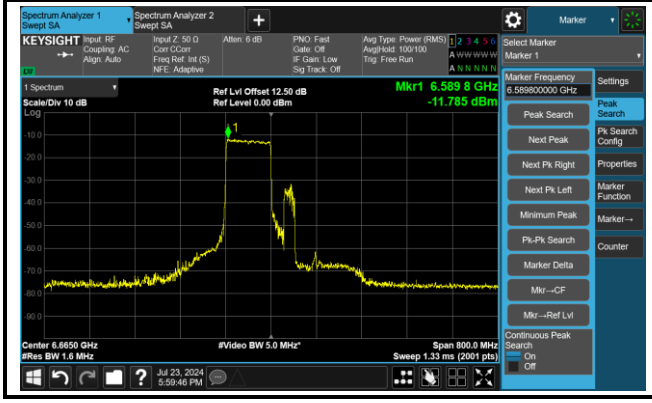
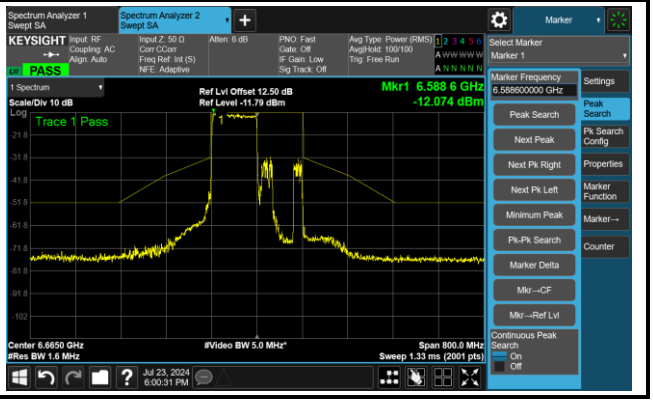
802.11ax-HE40 – Ant 2	
Channel 211 (7005MHz) RU242/61	
The Reference Level	The Mask Data
	
Channel 227 (7085MHz) RU242/62	
The Reference Level	The Mask Data
	
802.11ax-HE80 – Ant 2	
Channel 7 (5985MHz) RU484/65	
The Reference Level	The Mask Data
	

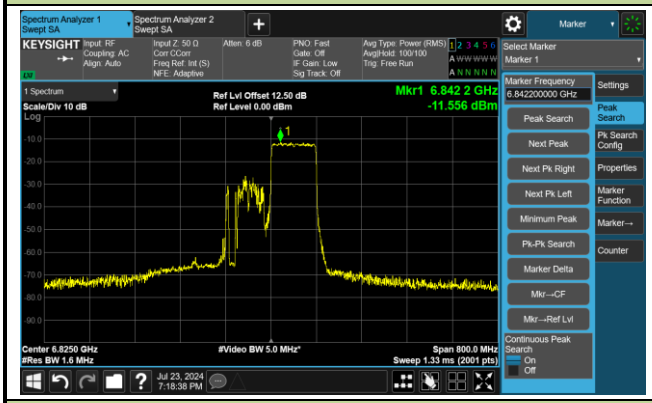
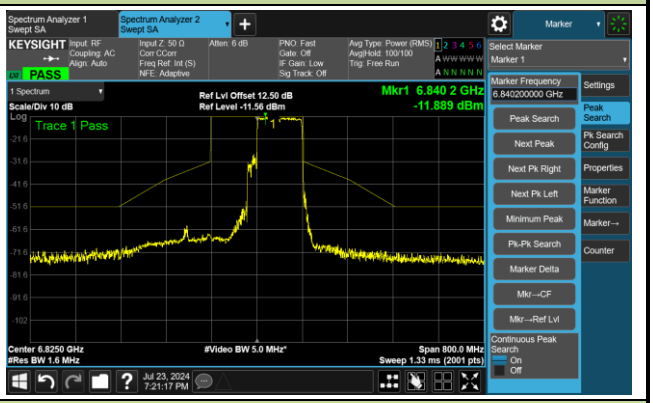
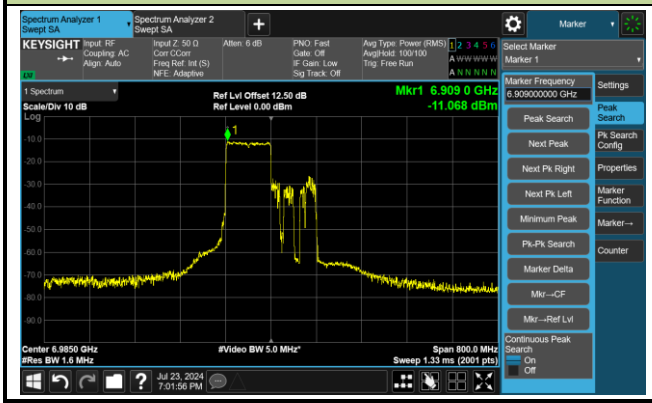
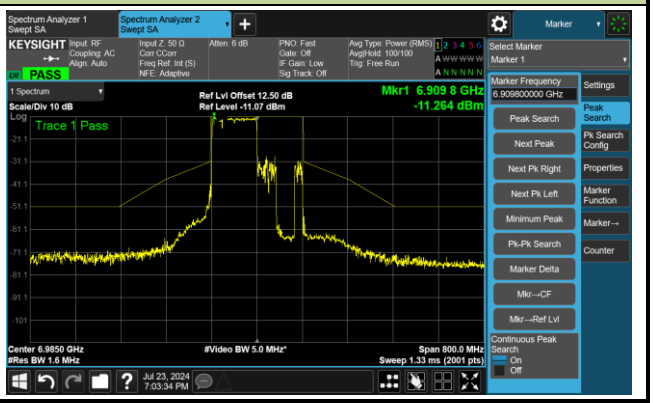
802.11ax-HE80 – Ant 2	
Channel 55 (6225MHz) RU484/65	
The Reference Level	The Mask Data
	
Channel 87 (6385MHz) RU484/66	
The Reference Level	The Mask Data
	
Channel 103 (6465MHz) RU484/65	
The Reference Level	The Mask Data
	

802.11ax-HE80 – Ant 2	
Channel 119 (6545MHz) RU484/66	
The Reference Level	The Mask Data
	
Channel 135 (6625MHz) RU484/65	
The Reference Level	The Mask Data
	
Channel 151 (6705MHz) RU484/65	
The Reference Level	The Mask Data
	

802.11ax-HE80 – Ant 2	
Channel 167 (6785MHz) RU484/66	
The Reference Level	The Mask Data
	
Channel 183 (6865MHz) RU484/66	
The Reference Level	The Mask Data
	
Channel 199 (6945MHz) RU484/65	
The Reference Level	The Mask Data
	

802.11ax-HE80 – Ant 2	
Channel 215 (7025MHz) RU484/66	
The Reference Level	The Mask Data
	
802.11ax-HE160 – Ant 2	
Channel 15 (6025MHz) RU996-1	
The Reference Level	The Mask Data
	
Channel 47 (6185MHz) RU996-1	
The Reference Level	The Mask Data
	

802.11ax-HE160 – Ant 2	
Channel 79 (6345MHz) RU996-2	
The Reference Level	The Mask Data
	
Channel 111 (6505MHz) RU996-1	
The Reference Level	The Mask Data
	
Channel 143 (6665MHz) RU996-1	
The Reference Level	The Mask Data
	

802.11ax-HE160 – Ant 2	
Channel 175 (6825MHz) RU996-2	
The Reference Level	The Mask Data
	
Channel 207 (6985MHz) RU996-1	
The Reference Level	The Mask Data
	

A.6 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Luis Yang
Test Date	2024-07-17	Test Mode	5955MHz (Carrier Mode)

Power (Vdc)	Temp (°C)	Frequency Tolerance (ppm)			
		0 minutes	2 minutes	5 minutes	10 minutes
3.6	- 30	21.31	21.07	21.05	21.04
	- 20	16.51	16.84	16.96	17.01
	- 10	20.44	20.38	20.35	20.33
	0	7.45	7.96	8.07	8.13
	+ 10	4.51	4.33	4.32	4.33
	+ 20	1.74	1.77	1.81	1.83
	+ 30	0.97	0.87	0.84	0.84
	+ 40	0.54	0.54	0.55	0.54
	+ 50	0.65	0.56	0.55	0.54
4.2	+ 20	2.69	2.59	2.52	2.45
3.4	+ 20	2.93	2.71	2.71	2.71

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	2024-08-13 ~ 2024-08-14		

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	-60	4.89	-64.89	≤ -62.0	10	100	90	Pass
47	160	6185	6110	-60	4.89	-64.89	≤ -62.0	10	100	90	Pass
47	160	6185	6185	-60	4.89	-64.89	≤ -62.0	10	100	90	Pass
47	160	6185	6260	-60	4.89	-64.89	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
97	20	6435	6435	-60	4.72	-64.72	≤ -62.0	10	100	90	Pass
111	160	6505	6430	-60	4.72	-64.72	≤ -62.0	10	100	90	Pass
111	160	6505	6505	-65	4.72	-69.72	≤ -62.0	10	100	90	Pass
111	160	6505	6580	-60	4.72	-64.72	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
153	20	6715	6715	-71	4.93	-75.93	≤ -62.0	10	100	90	Pass
143	160	6665	6590	-61	4.93	-65.93	≤ -62.0	10	100	90	Pass
143	160	6665	6665	-64	4.93	-68.93	≤ -62.0	10	100	90	Pass
143	160	6665	6740	-65	4.93	-69.93	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-66	3.40	-69.40	≤ -62.0	10	100	90	Pass
207	160	6985	6910	-68	3.40	-71.40	≤ -62.0	10	100	90	Pass
207	160	6985	6985	-60	3.40	-63.40	≤ -62.0	10	100	90	Pass
207	160	6985	7060	-66	3.40	-69.40	≤ -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	2024-08-13 ~ 2024-08-14		

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6115	6115	-80.89	ON
			-79.89	Minimal
			-64.89	OFF
160	6185	6110	-78.89	ON
			-77.89	Minimal
			-64.89	OFF
160	6185	6185	-71.89	ON
			-70.89	Minimal
			-64.89	OFF
160	6185	6260	-76.89	ON
			-75.89	Minimal
			-64.89	OFF
Operation Band: U-NII 6				
20	6435	6435	-77.72	ON
			-76.72	Minimal
			-64.72	OFF
160	6505	6430	-75.72	ON
			-74.72	Minimal
			-64.72	OFF
160	6505	6505	-72.72	ON
			-71.72	Minimal
			-69.72	OFF
160	6505	6580	-76.72	ON
			-75.72	Minimal
			-64.72	OFF

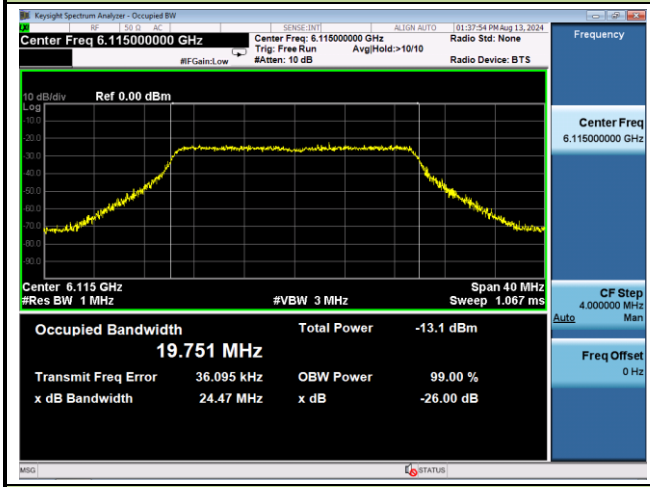
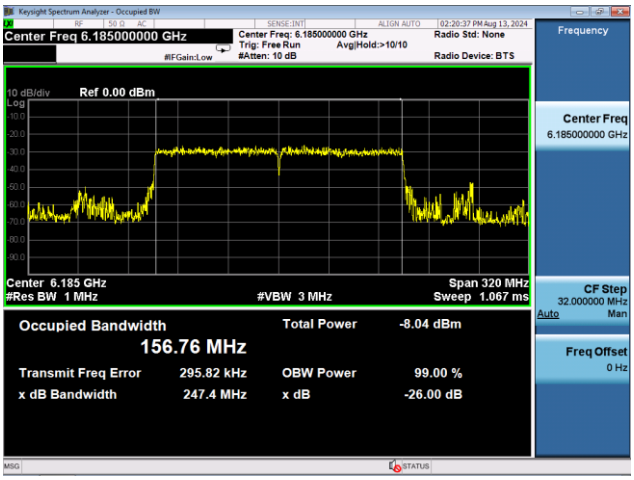
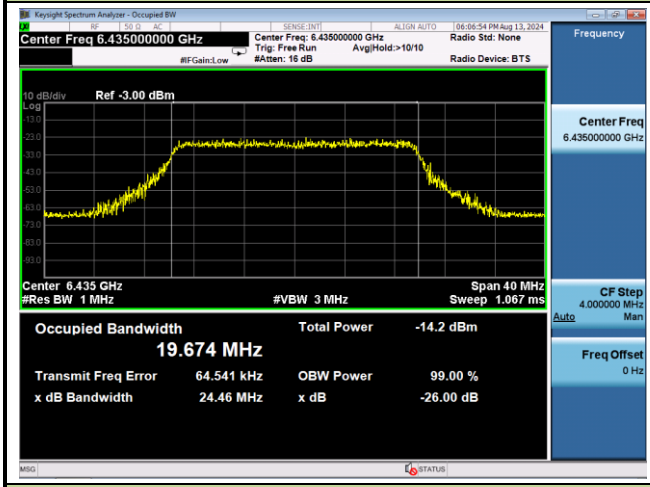
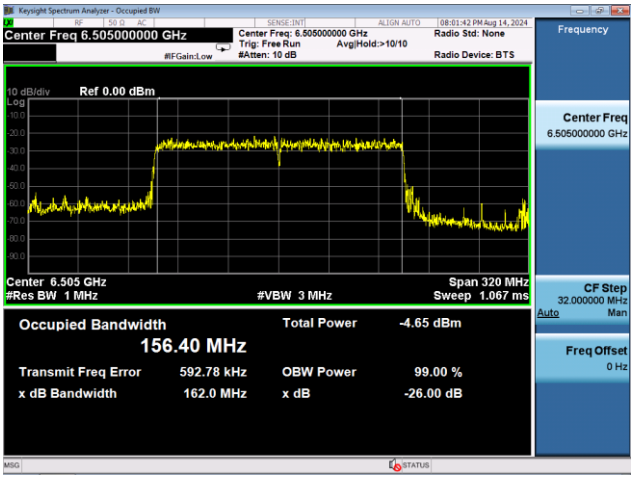
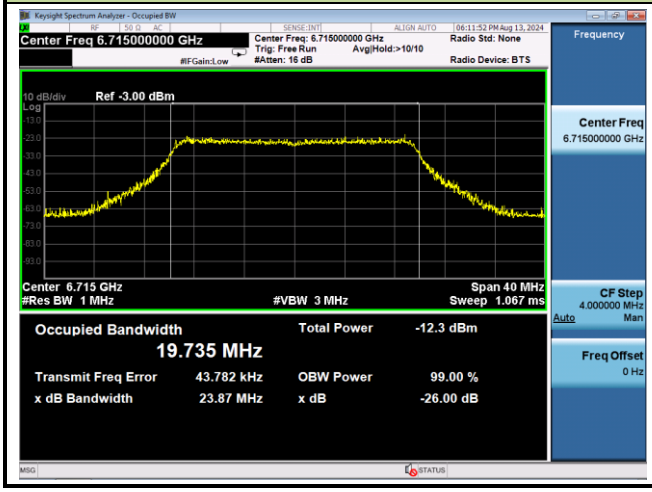
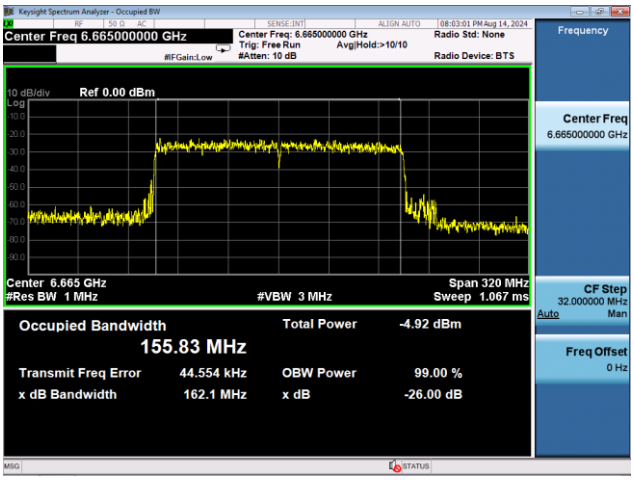
Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
20	6715	6715	-81.93	ON
			-79.93	Minimal
			-75.93	OFF
160	6665	6590	-77.93	ON
			-76.93	Minimal
			-65.93	OFF
160	6665	6665	-77.93	ON
			-76.93	Minimal
			-68.93	OFF
160	6665	6740	-76.93	ON
			-75.93	Minimal
			-69.93	OFF
Operation Band: U-NII 8				
20	7015	7015	-75.40	ON
			-74.40	Minimal
			-69.40	OFF
160	6985	6910	-73.40	ON
			-72.40	Minimal
			-71.40	OFF
160	6985	6985	-67.40	ON
			-66.40	Minimal
			-63.40	OFF
160	6985	7060	-72.40	ON
			-71.40	Minimal
			-69.40	OFF

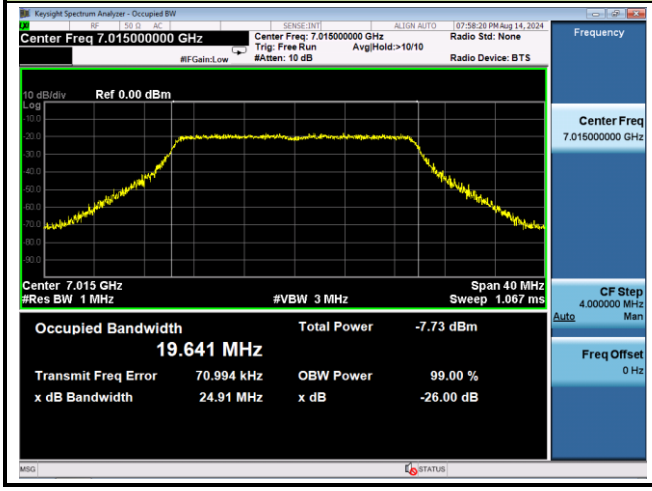
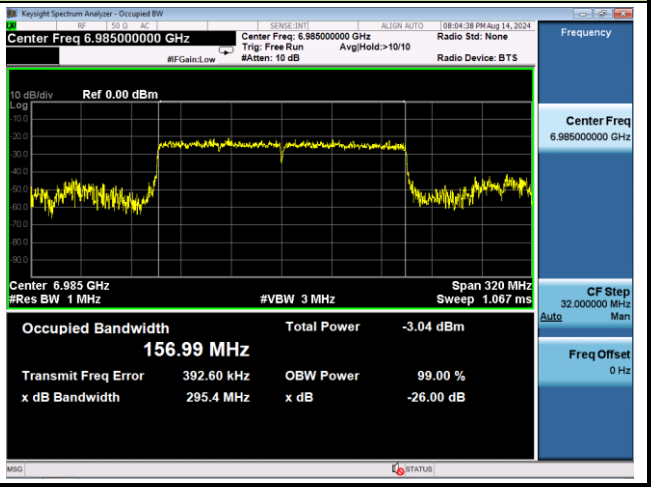
Note:

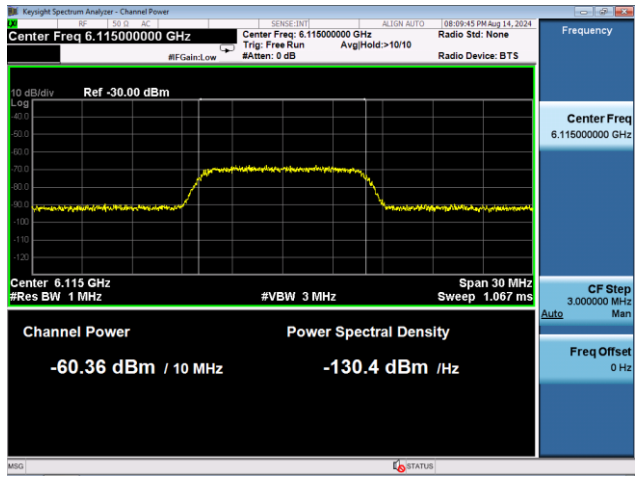
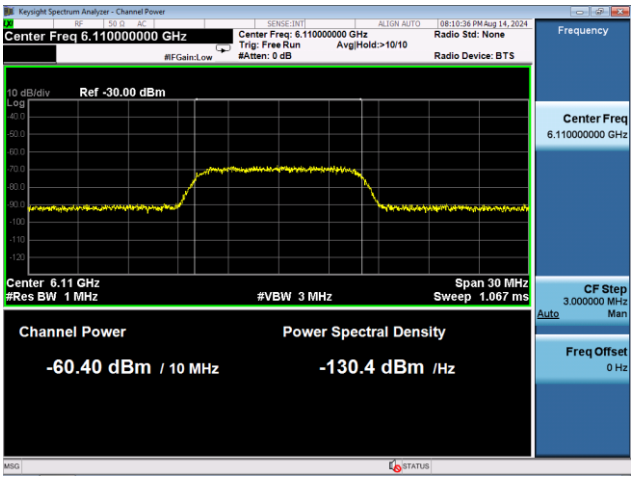
OFF: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds

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-HE160 / CH111
	
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)