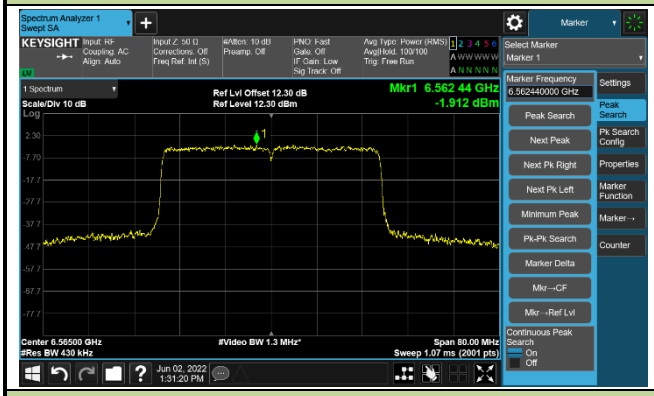
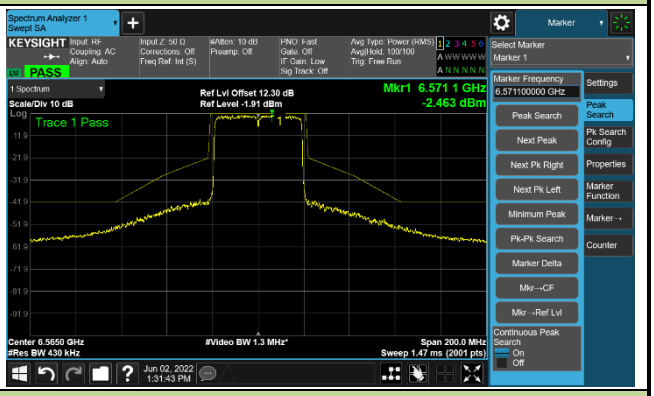
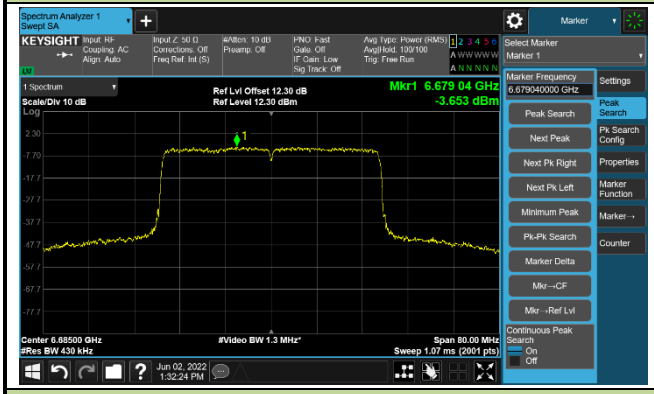
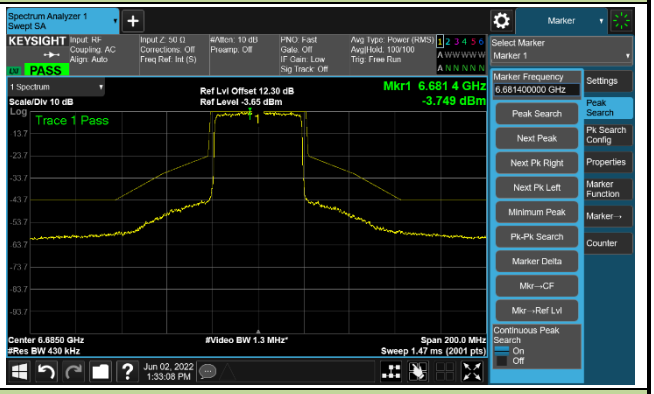
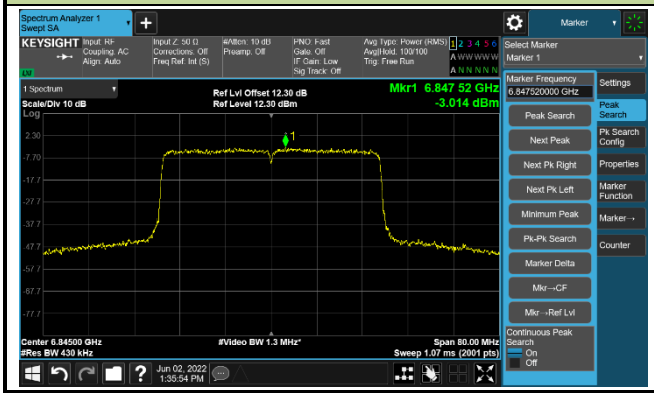
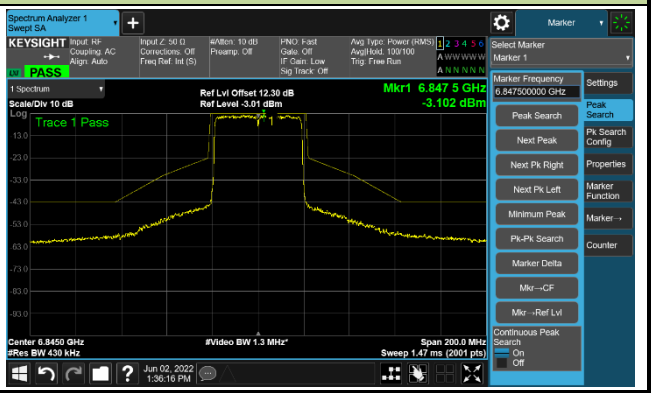
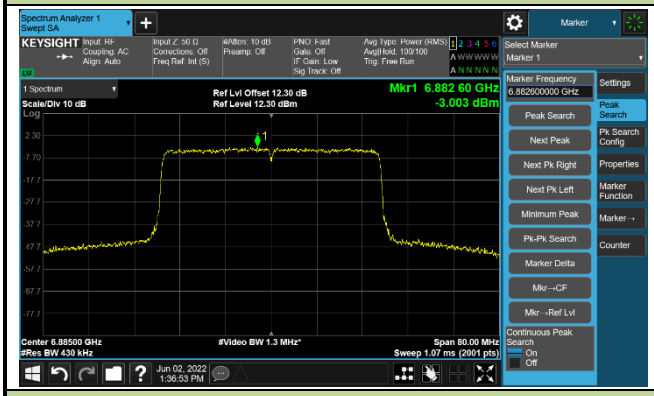
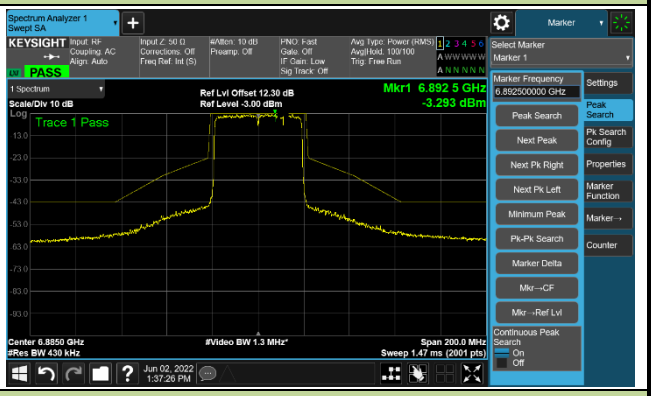
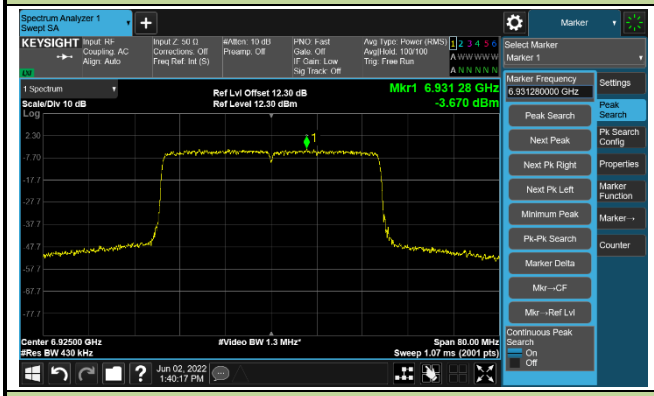
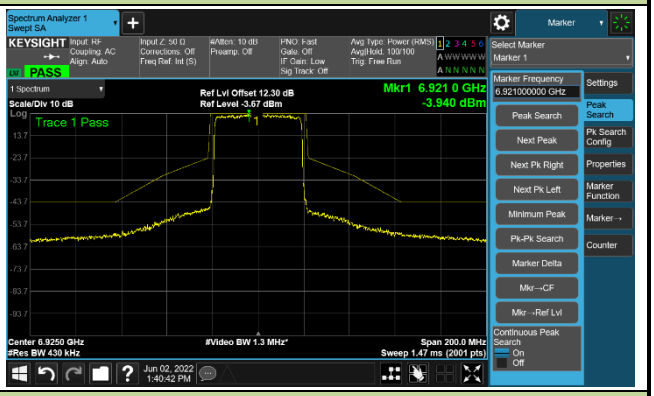
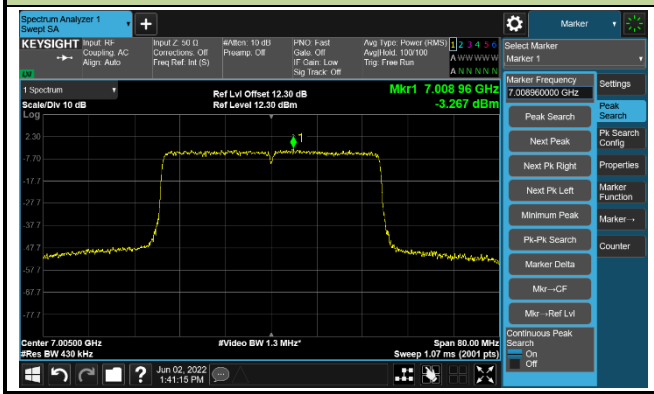
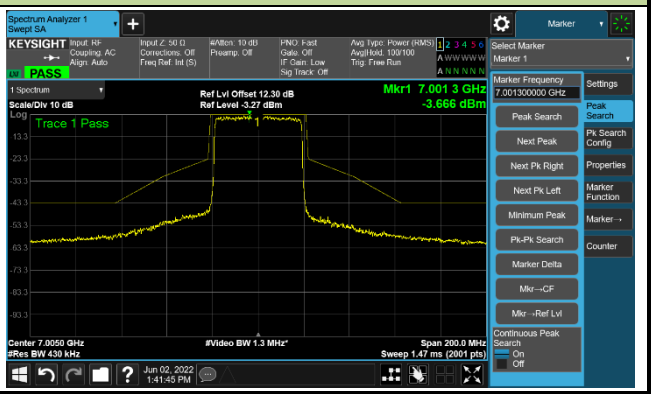
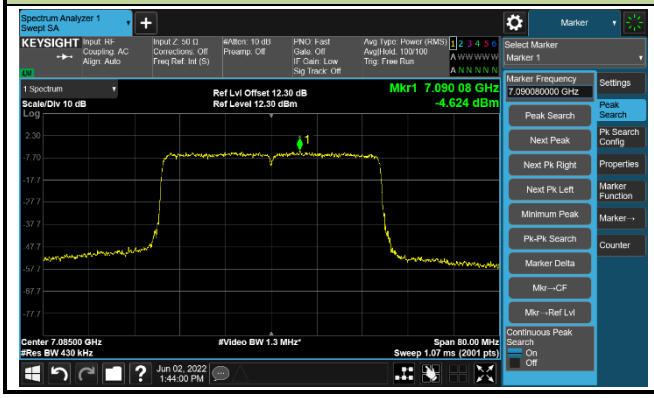
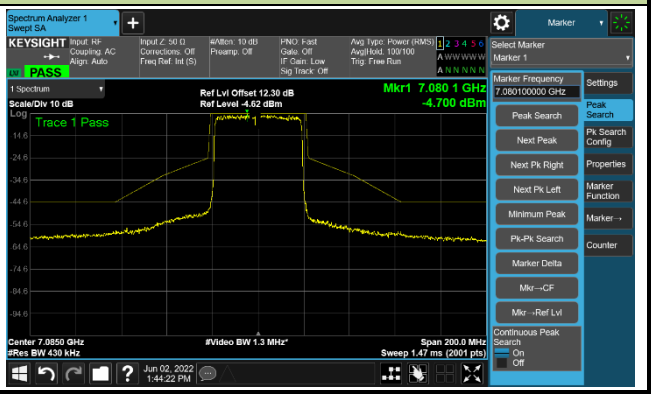
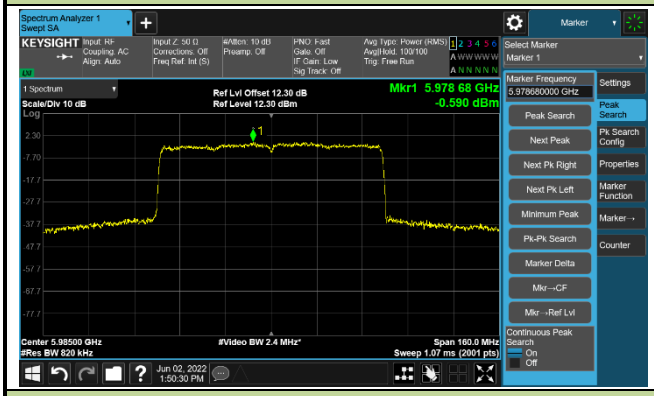
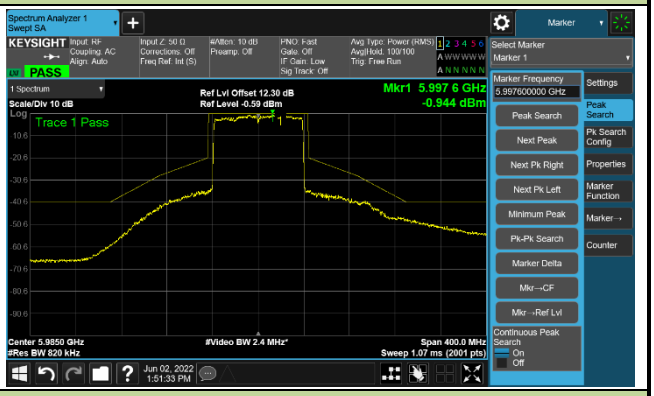
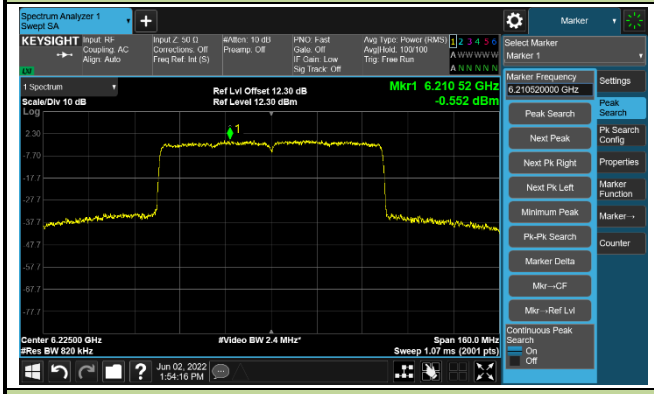
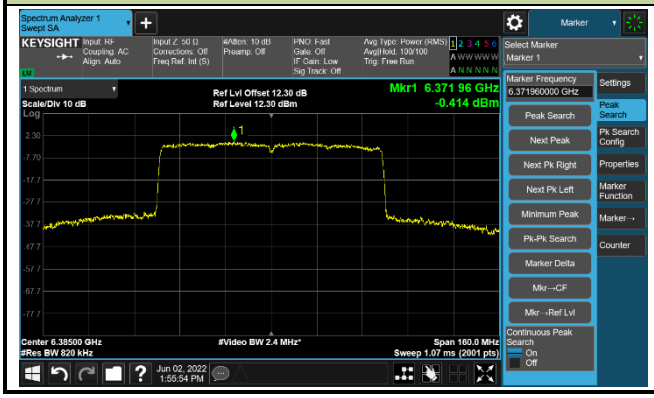
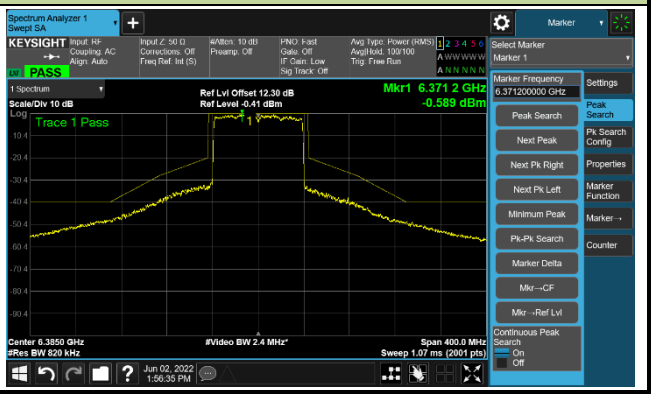
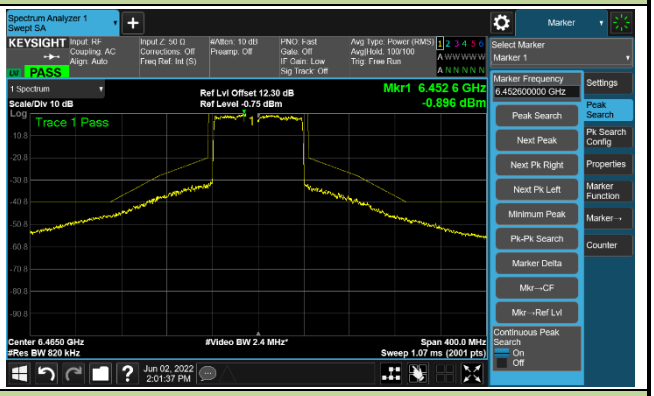
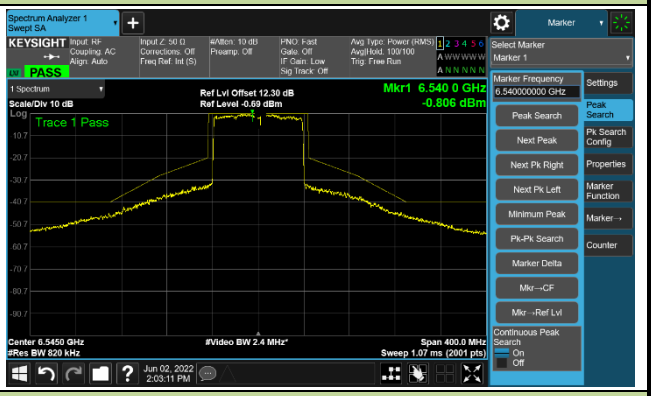
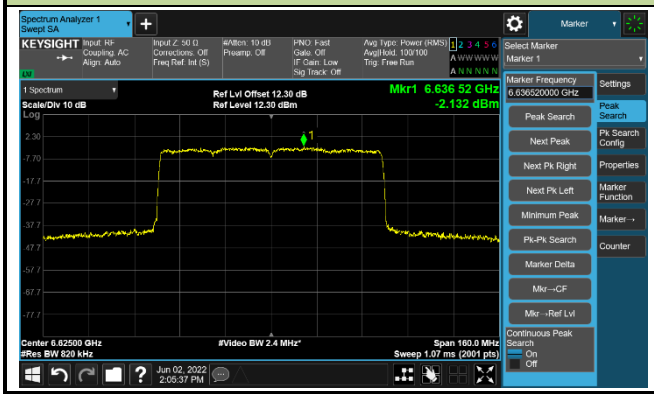
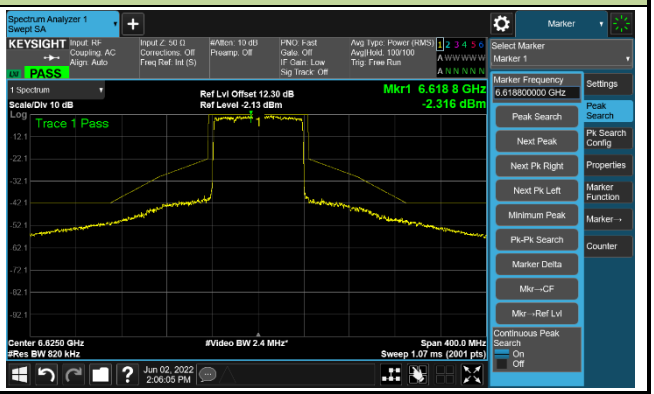
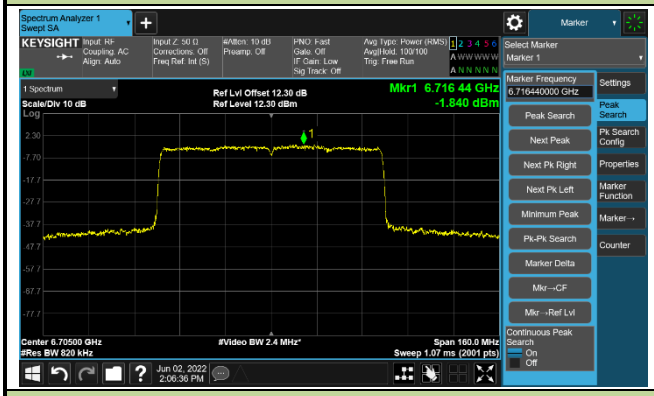
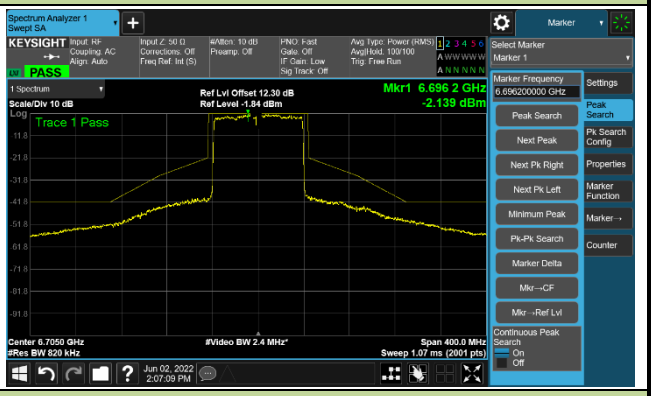
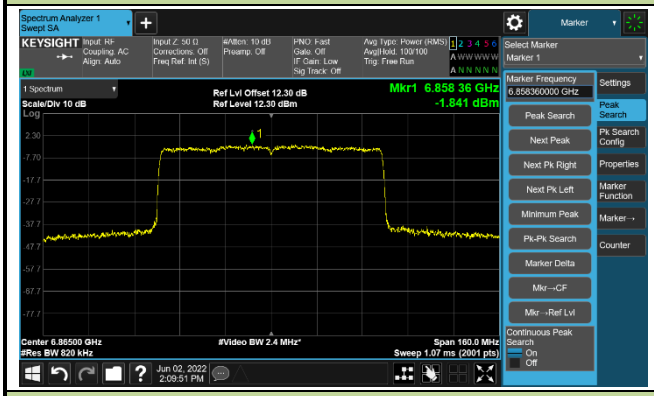
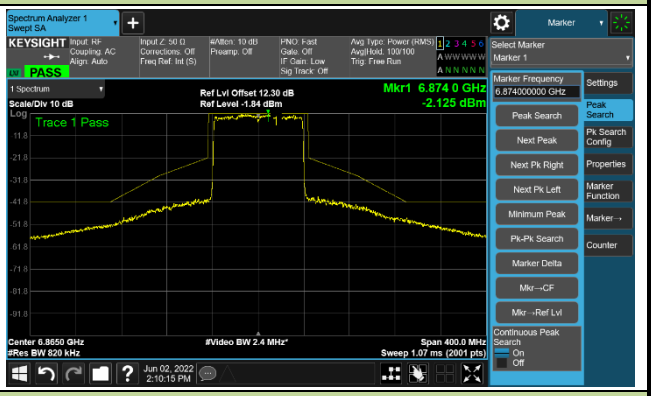
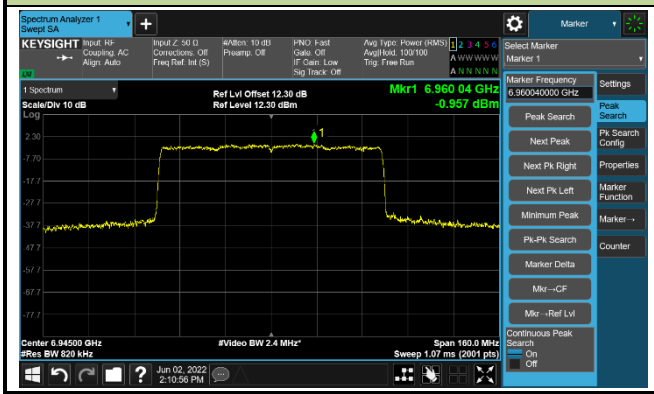
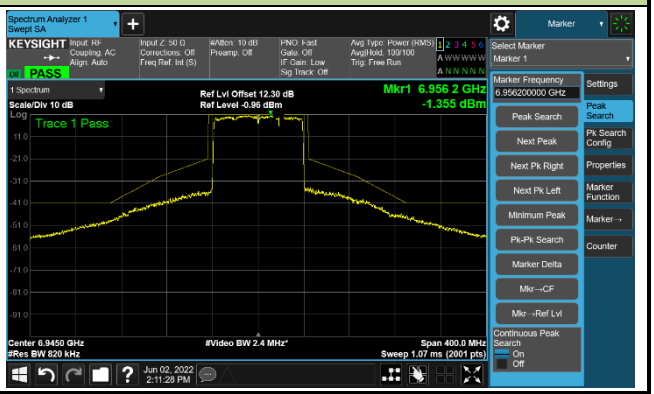
802.11ax-HE40	
Channel 123 (6565MHz)	
The Reference Level	The Mask Data
	
Channel 147 (6685MHz)	
The Reference Level	The Mask Data
	
Channel 179 (6845MHz)	
The Reference Level	The Mask Data
	

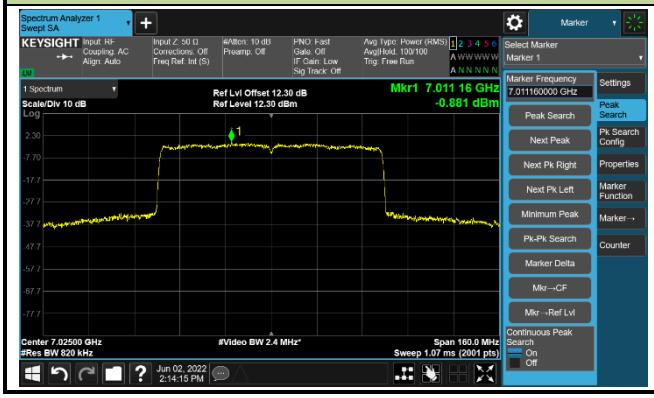
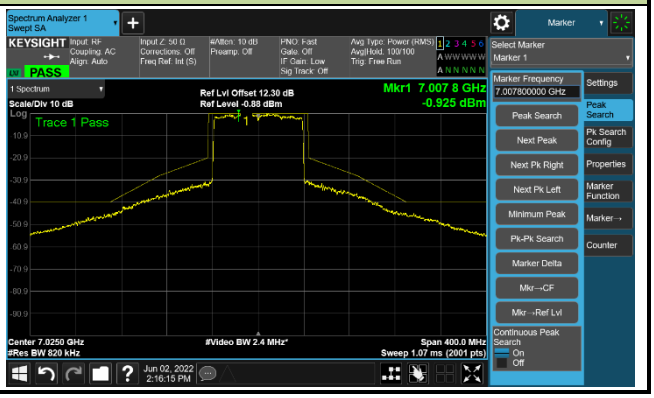
802.11ax-HE40	
Channel 187 (6885MHz)	
The Reference Level	The Mask Data
	
Channel 195 (6925MHz)	
The Reference Level	The Mask Data
	
Channel 211 (7005MHz)	
The Reference Level	The Mask Data
	

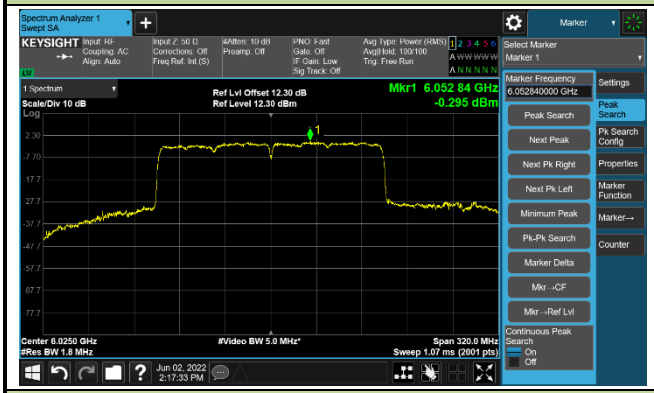
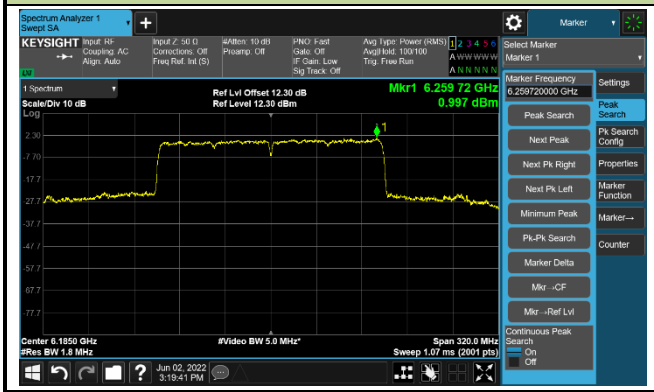
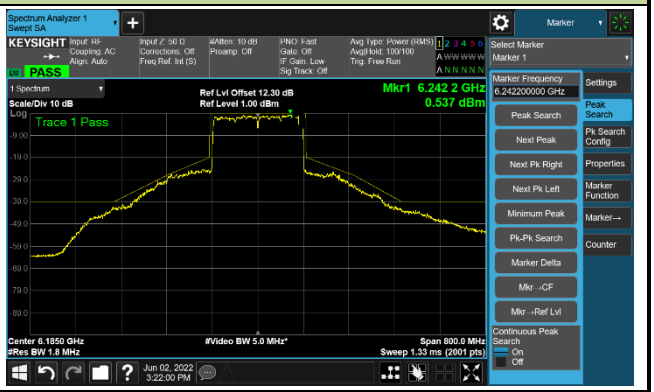
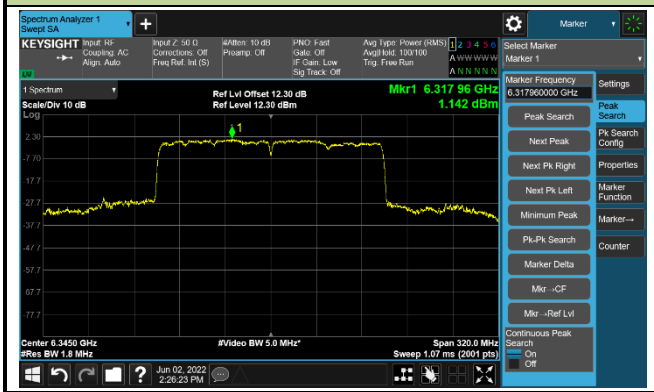
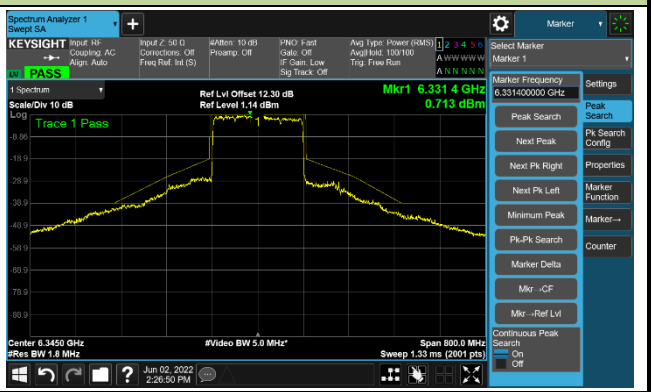
802.11ax-HE40	
Channel 227 (7085MHz)	
The Reference Level	The Mask Data
	

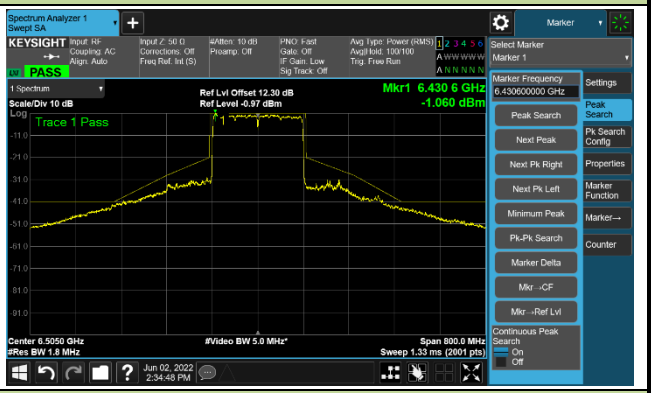
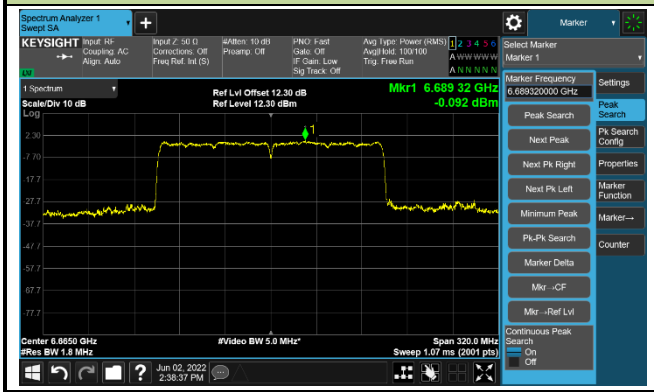
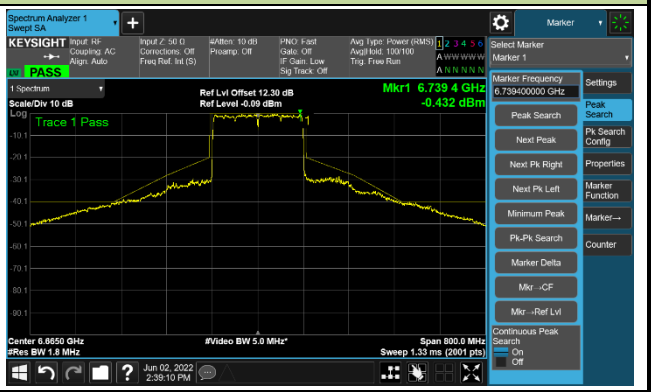
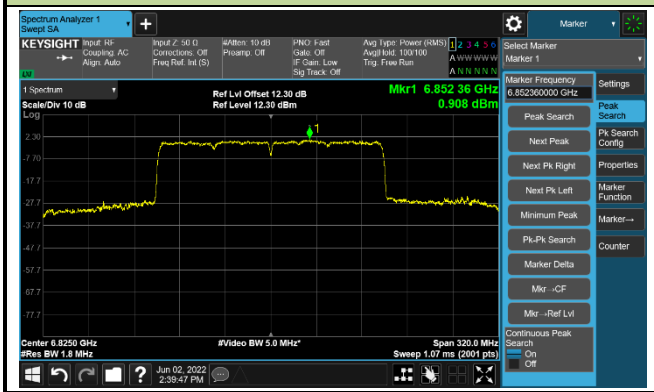
802.11ax-HE80	
Channel 07 (5985MHz)	
The Reference Level	The Mask Data
	
Channel 55 (6225MHz)	
The Reference Level	The Mask Data
	
Channel 87 (6385MHz)	
The Reference Level	The Mask Data
	

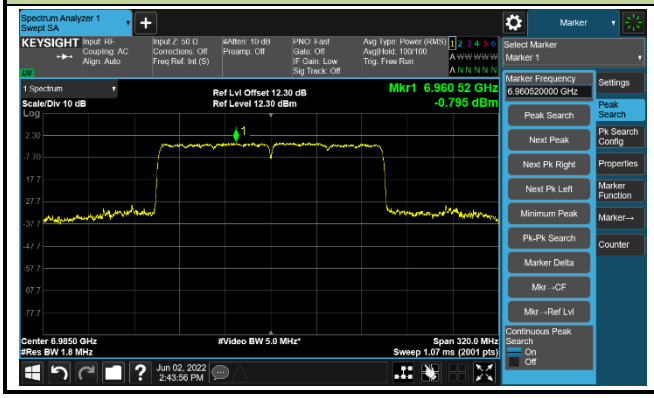
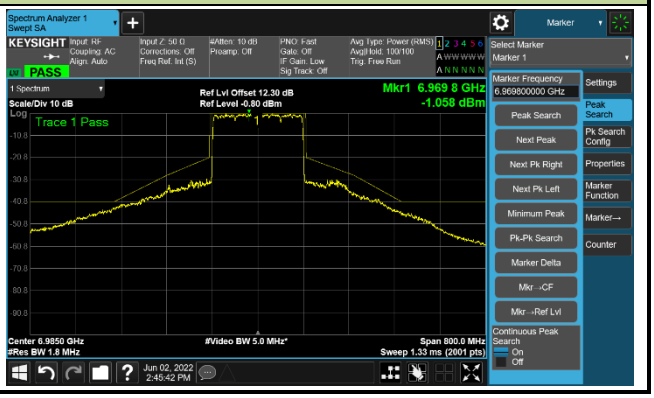
802.11ax-HE80	
Channel 103 (6465MHz)	
The Reference Level	The Mask Data
	
Channel 119 (6545MHz)	
The Reference Level	The Mask Data
	
Channel 135 (6625MHz)	
The Reference Level	The Mask Data
	

802.11ax-HE80	
Channel 151 (6705MHz)	
The Reference Level	The Mask Data
	
Channel 183 (6865MHz)	
The Reference Level	The Mask Data
	
Channel 199 (6945MHz)	
The Reference Level	The Mask Data
	

802.11ax-HE80	
Channel 215 (7025MHz)	
The Reference Level	The Mask Data
	

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

A.6 Frequency Stability Test Result

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2022/01/26		
Test Mode	5955MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	7.72	7.85	7.93	8.02
		- 20	9.83	9.26	9.77	9.56
		- 10	9.27	9.19	9.42	9.58
		0	7.98	8.05	8.17	8.66
		+ 10	6.04	6.09	6.25	6.38
		+ 20	2.24	2.37	2.56	2.77
		+ 30	-1.68	-1.87	-1.93	-1.35
		+ 40	-2.72	-2.61	-2.56	-2.44
		+ 50	-3.90	-3.78	-3.62	-3.67
115	138	+ 20	2.51	2.49	2.79	2.52
85	102	+ 20	2.69	2.77	2.82	2.62

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

A.7 Contention Based Protocol Test Result

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2022/05/30		

Test Channel	Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	Ant. Gain (dBi)	Detection Power (dBm)	Detection Limit (dBm)	Detected Number	Detection Probability (%)	Limit (%)	Test Result
Operation Band: U-NII 5											
33	20	6135	6135	-73.0	2.4	-75.4	≤ -62.0	10	100	90	Pass
47	160	6185	6110	-73.0	2.4	-75.4	≤ -62.0	10	100	90	Pass
47	160	6185	6185	-65.0	2.4	-67.4	≤ -62.0	10	100	90	Pass
47	160	6185	6260	-70.0	2.4	-72.4	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
97	20	6455	6455	-74.0	2.4	-76.4	≤ -62.0	10	100	90	Pass
103	80	6465	6430	-72.0	2.4	-74.4	≤ -62.0	10	100	90	Pass
103	80	6465	6465	-67.0	2.4	-69.4	≤ -62.0	10	100	90	Pass
103	80	6465	6500	-70.0	2.4	-72.4	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
153	20	6695	6695	-74.0	2.4	-76.4	≤ -62.0	10	100	90	Pass
143	160	6665	6590	-75.0	2.4	-77.4	≤ -62.0	10	100	90	Pass
143	160	6665	6665	-73.0	2.4	-75.4	≤ -62.0	10	100	90	Pass
143	160	6665	6740	-75.0	2.4	-77.4	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-71.0	2.4	-73.4	≤ -62.0	10	100	90	Pass
207	160	6985	6910	-76.0	2.4	-78.4	≤ -62.0	10	100	90	Pass
207	160	6985	6985	-65.0	2.4	-67.4	≤ -62.0	10	100	90	Pass
207	160	6985	7060	-74.0	2.4	-76.4	≤ -62.0	10	100	90	Pass

Note 1: Detection Power (dBm) = Injected AWGN Power (dBm) - Antenna Gain (dBi).

Note 2: Conducted measurements are used.

Test Site	SIP-TR1	Test Engineer	Alisa Deng
Test Date	2022/05/30		

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6135	6135	-82.0	ON
			-74.0	Minimal
			-73.0	OFF
160	6185	6110	-82.0	ON
			-74.0	Minimal
			-73.0	OFF
160	6185	6185	-82.0	ON
			-66.0	Minimal
			-65.0	OFF
160	6185	6260	-82.0	ON
			-71.0	Minimal
			-70.0	OFF
Operation Band: U-NII 6				
20	6455	6455	-82.0	ON
			-75.0	Minimal
			-74.0	OFF
80	6465	6430	-82.0	ON
			-73.0	Minimal
			-72.0	OFF
80	6465	6465	-82.0	ON
			-68.0	Minimal
			-67.0	OFF
80	6465	6500	-82.0	ON
			-71.0	Minimal
			-70.0	OFF

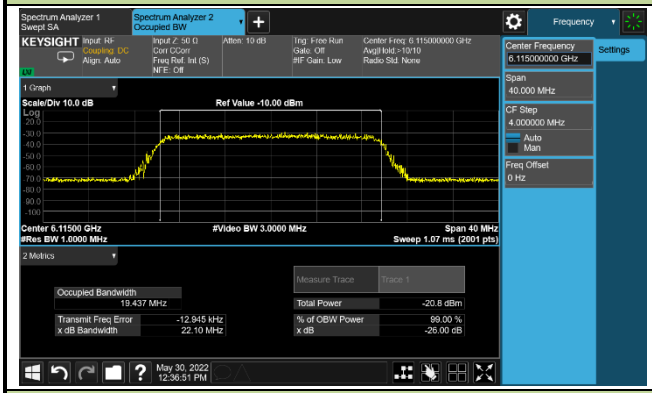
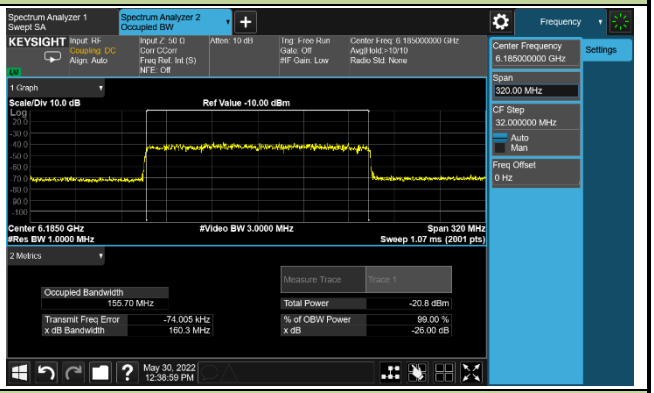
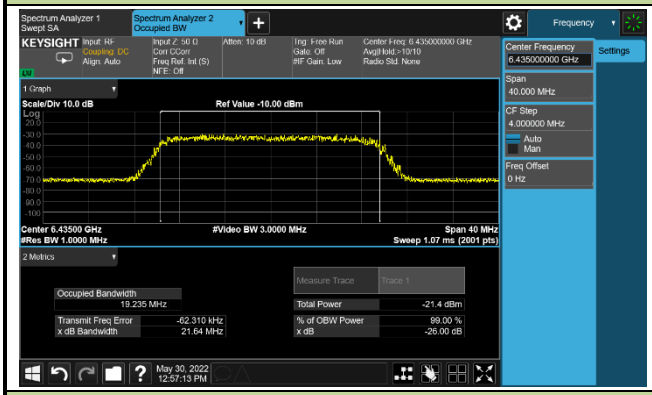
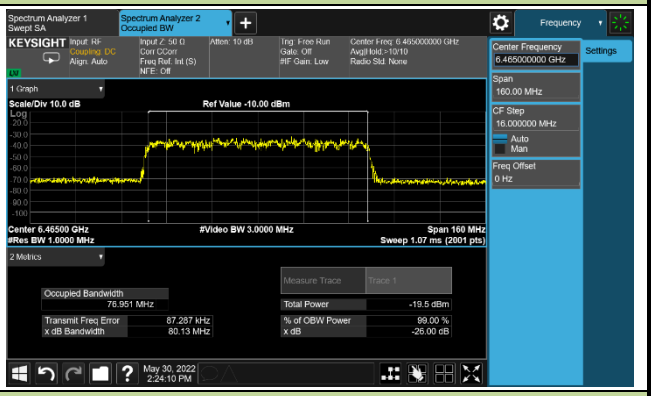
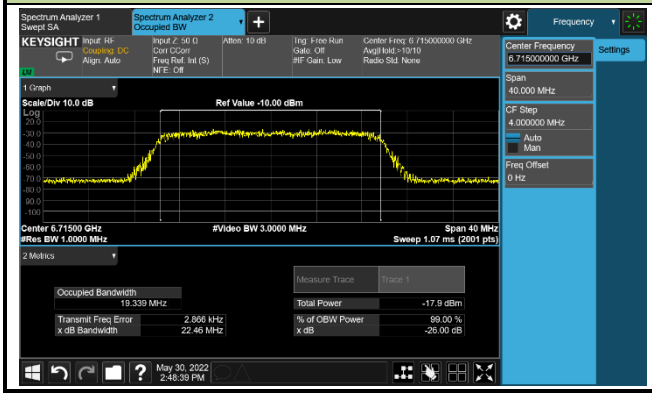
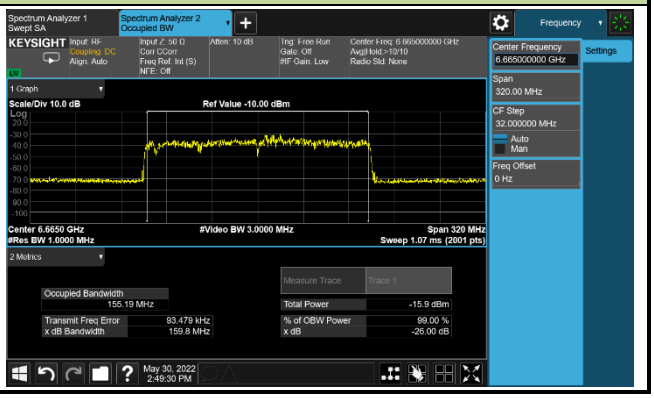
Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	EUT Tx Status
Operation Band: U-NII 7				
20	6695	6695	-82.0	ON
			-75.0	Minimal
			-74.0	OFF
160	6665	6590	-82.0	ON
			-76.0	Minimal
			-75.0	OFF
160	6665	6665	-82.0	ON
			-74.0	Minimal
			-73.0	OFF
160	6665	6740	-82.0	ON
			-76.0	Minimal
			-75.0	OFF
Operation Band: U-NII 8				
20	7015	7015	-82.0	ON
			-72.0	Minimal
			-71.0	OFF
160	6985	6910	-82.0	ON
			-77.0	Minimal
			-76.0	OFF
160	6985	6985	-82.0	ON
			-66.0	Minimal
			-65.0	OFF
160	6985	7060	-82.0	ON
			-75.0	Minimal
			-74.0	OFF

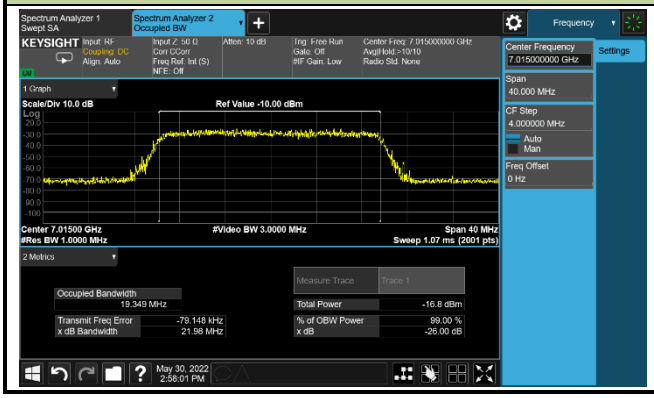
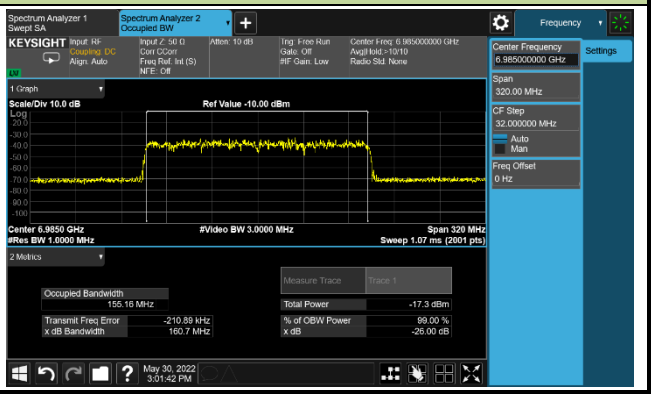
Note:

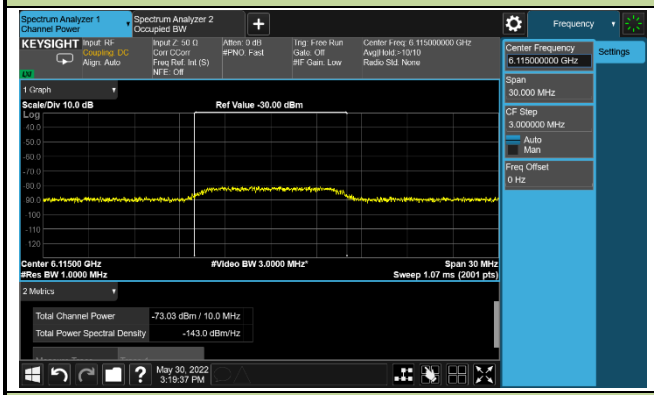
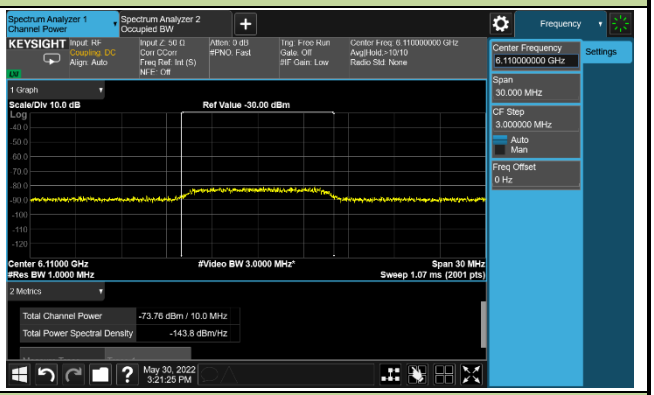
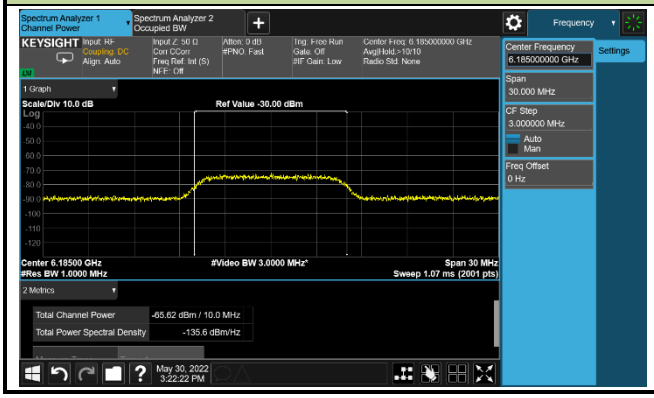
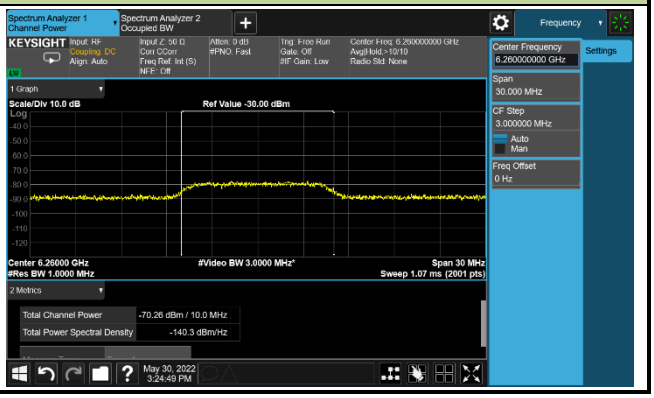
OFF: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds

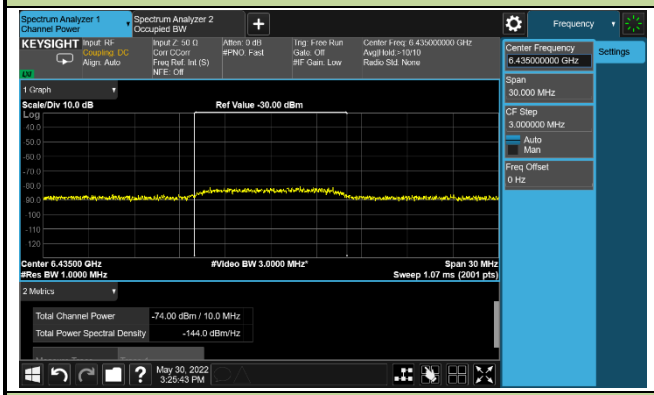
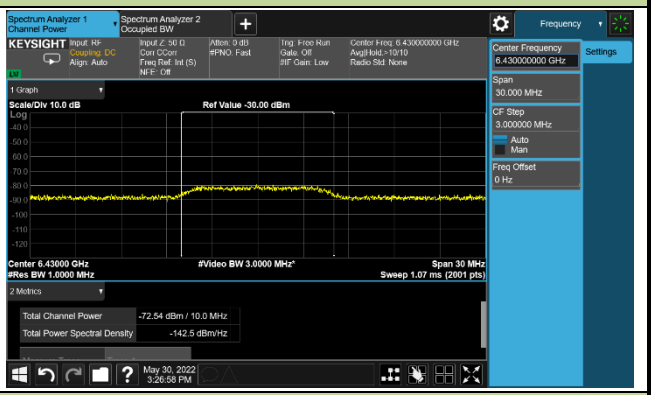
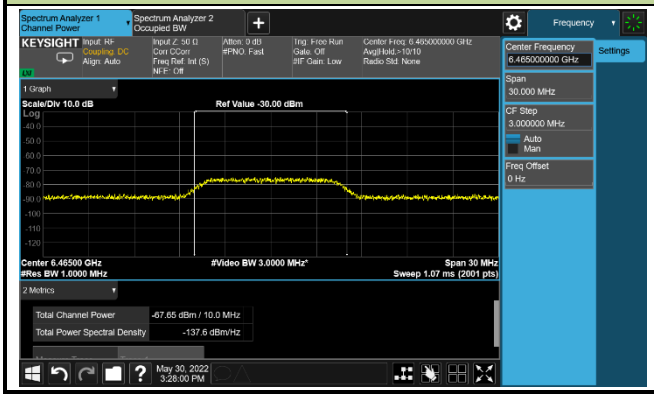
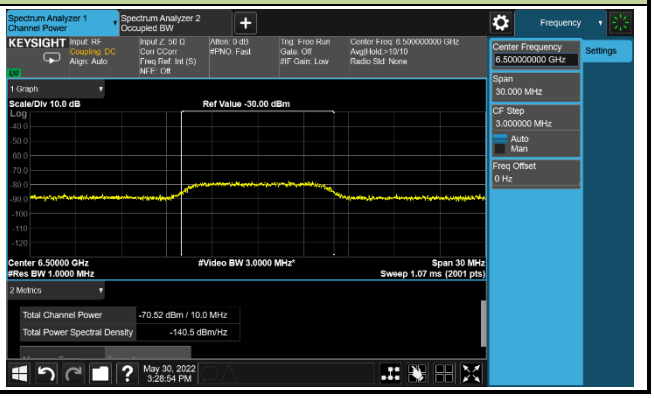
Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently

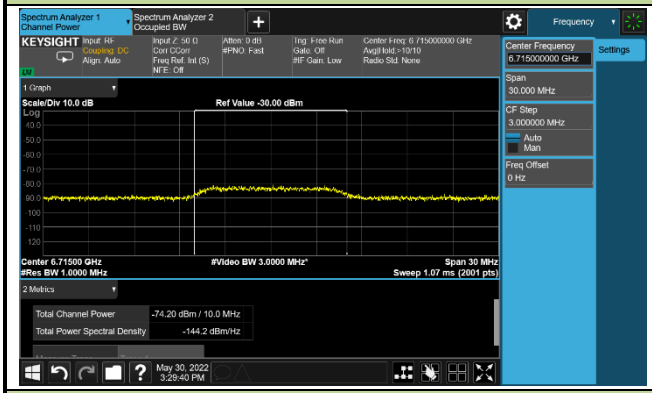
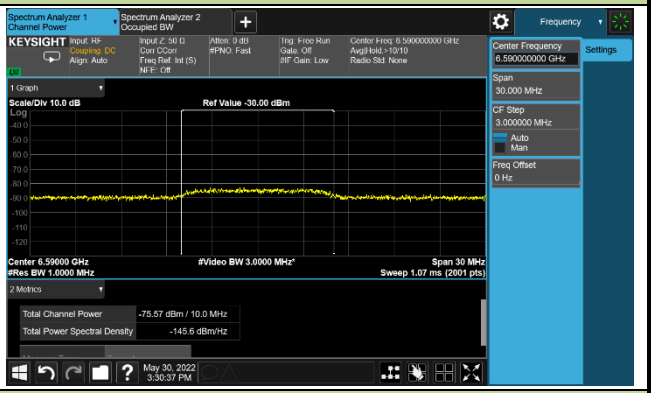
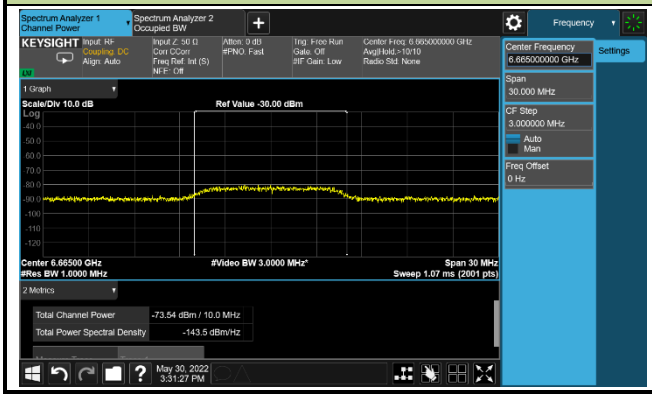
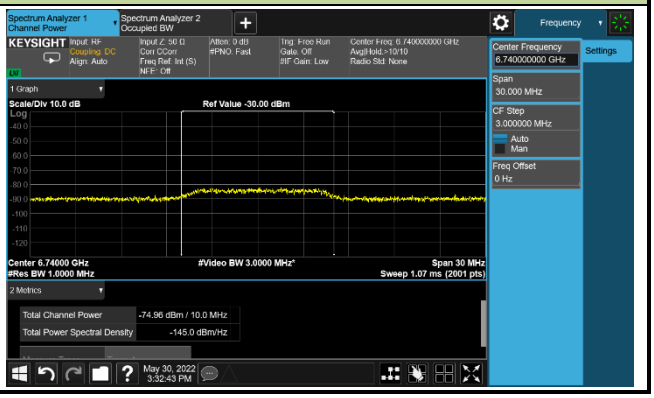
ON: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds

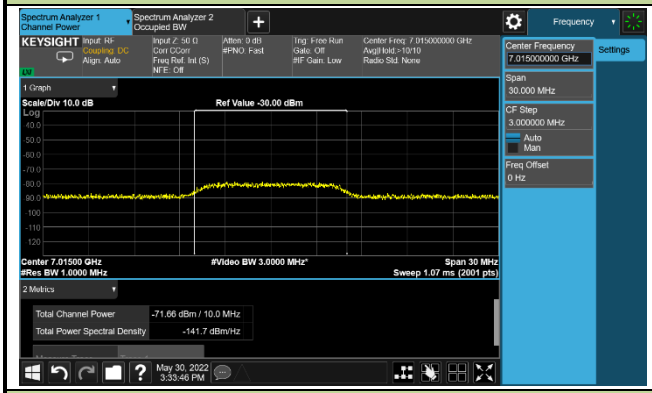
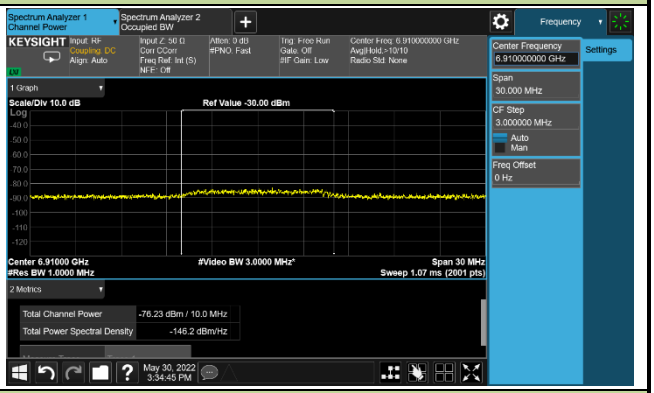
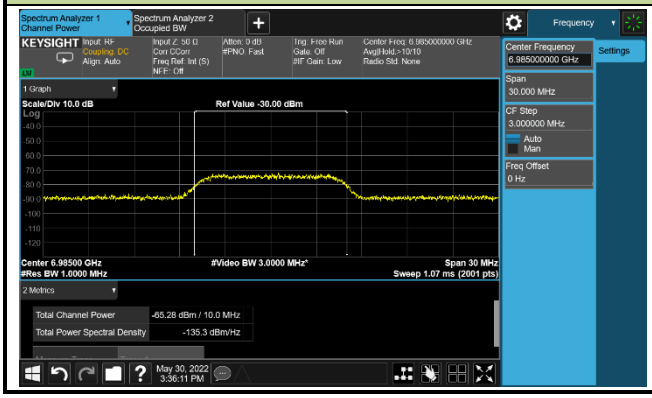
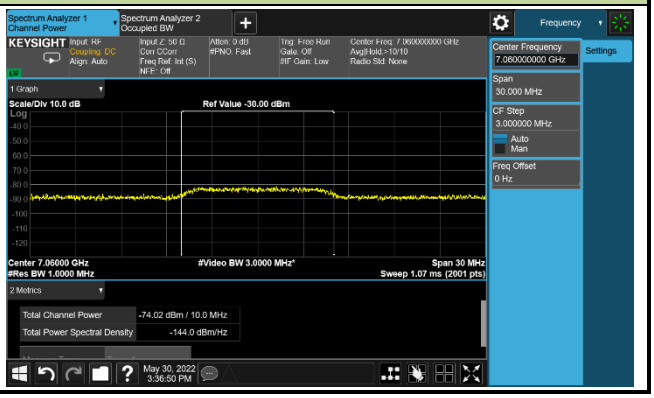
EUT Tx Waveform	
802.11ax-HE20 / CH33	802.11ax-HE160 / CH47
	
802.11ax-HE20 / CH97	802.11ax-HE80 / CH103
	
802.11ax-HE20 / CH153	802.11ax-HE160 / CH143
	

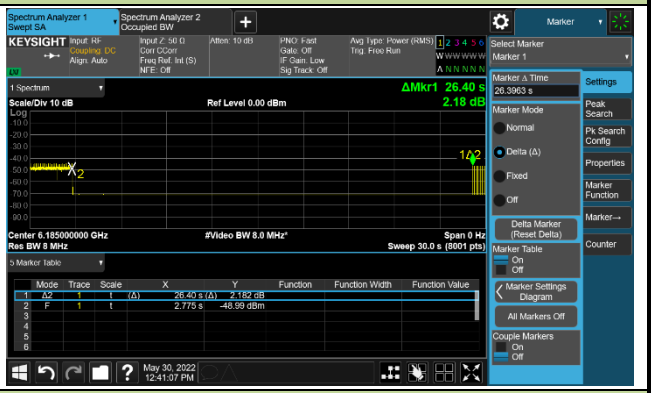
802.11ax-HE20 / CH213	802.11ax-HE160 / CH207
	

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)