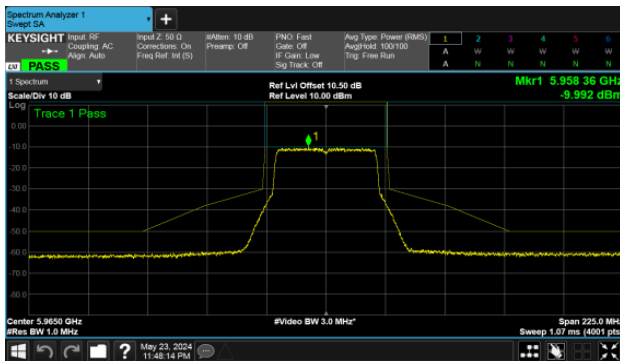
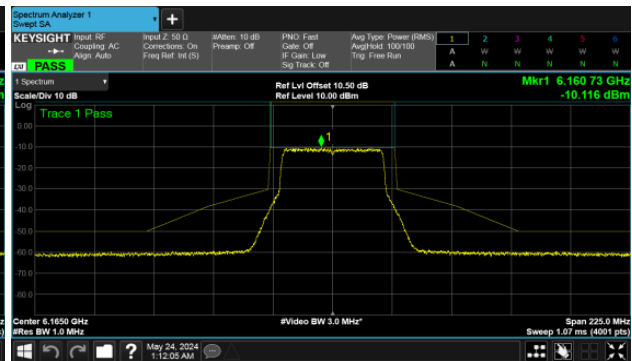




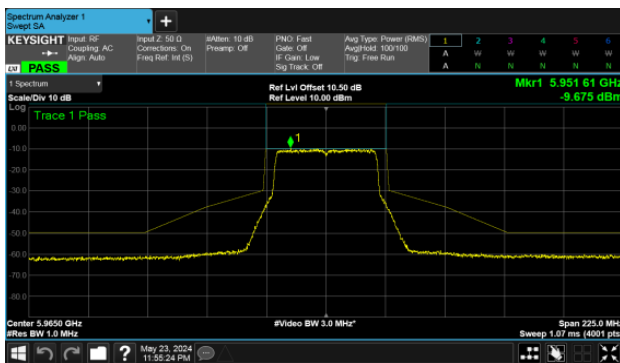
Modulation Type: 802.11ax HE40 CH03
ANT A



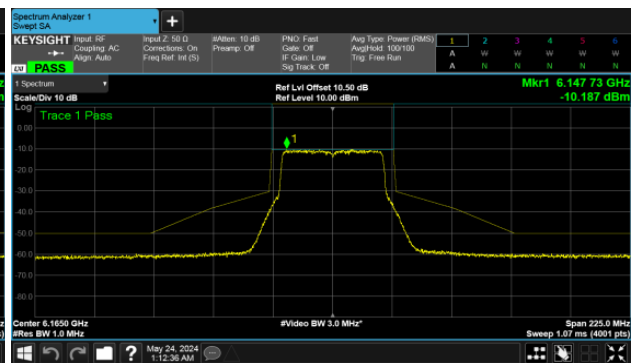
Modulation Type: 802.11ax HE40 CH43
ANT A



ANT B

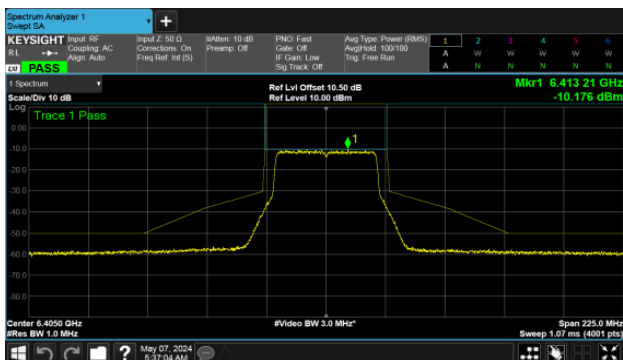


ANT B





Modulation Type: 802.11ax HE40 CH91
ANT A

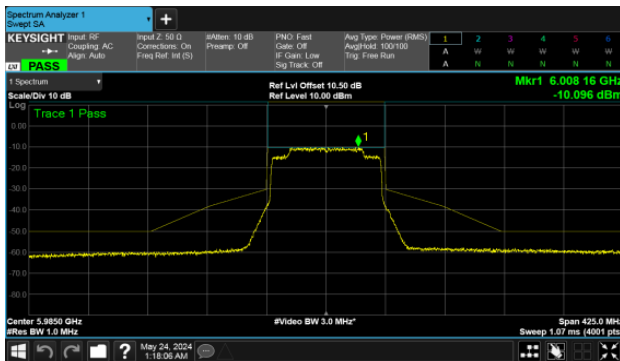


ANT B

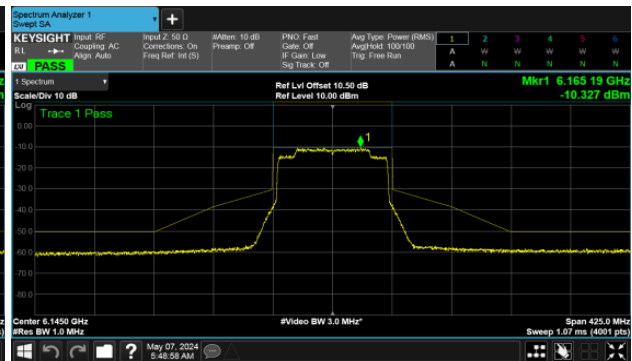




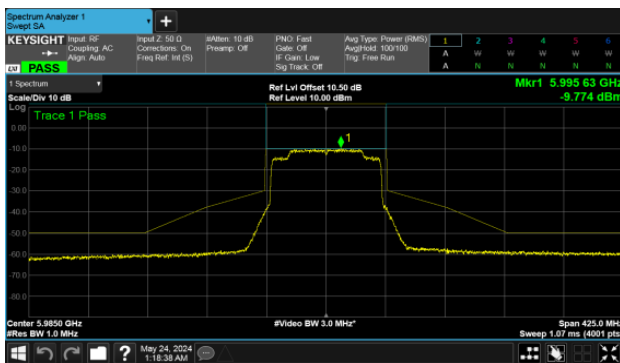
Modulation Type: 802.11ax HE80 CH07
ANT A



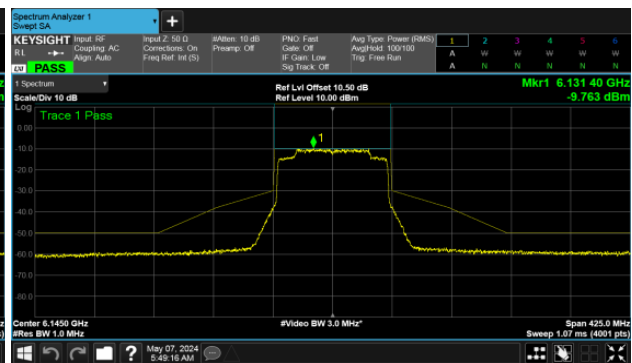
Modulation Type: 802.11ax HE80 CH39
ANT A



ANT B

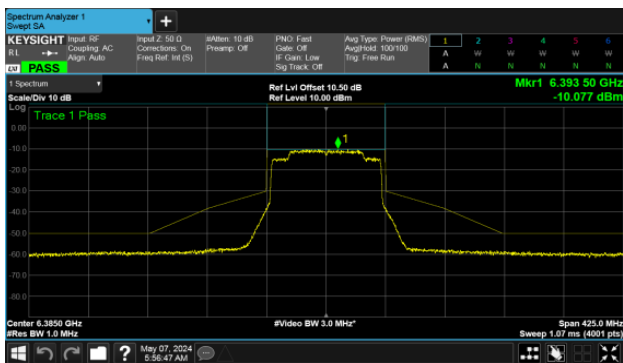


ANT B

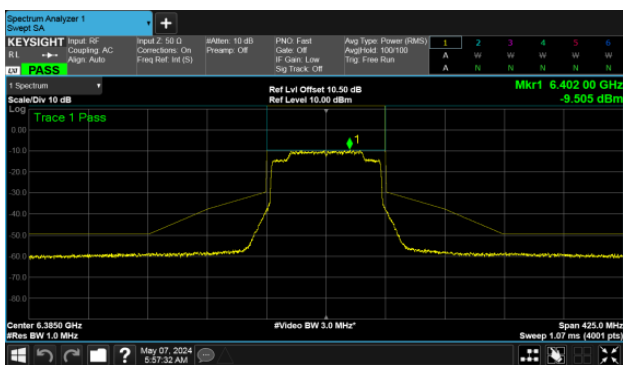




Modulation Type: 802.11ax HE80 CH87
ANT A

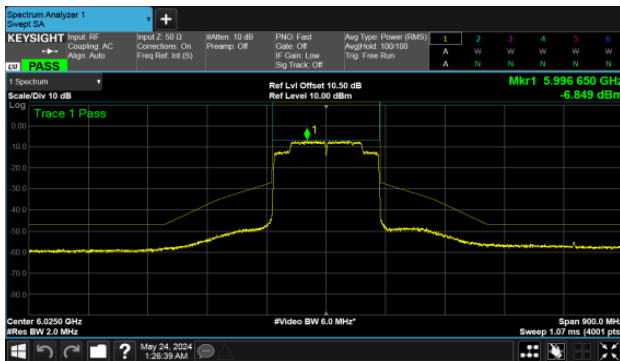


ANT B

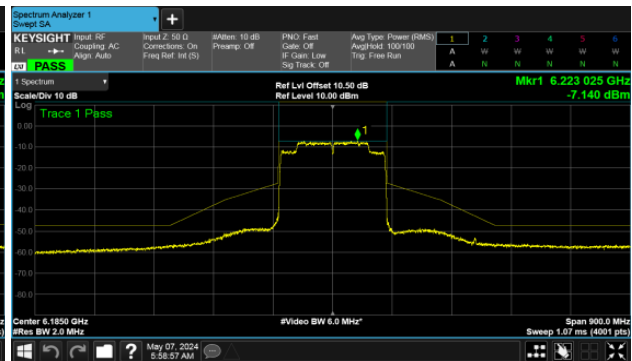




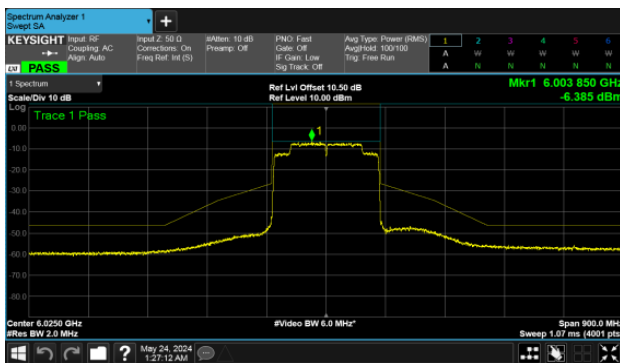
Modulation Type: 802.11ax HE160 CH15
ANT A



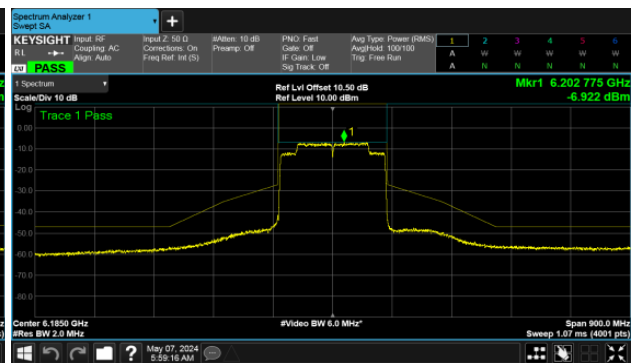
Modulation Type: 802.11ax HE160 CH47
ANT A



ANT B

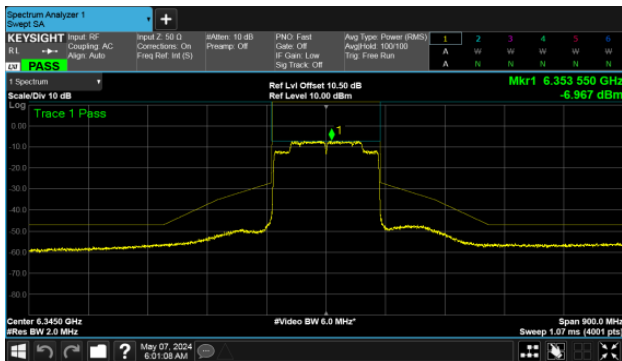


ANT B

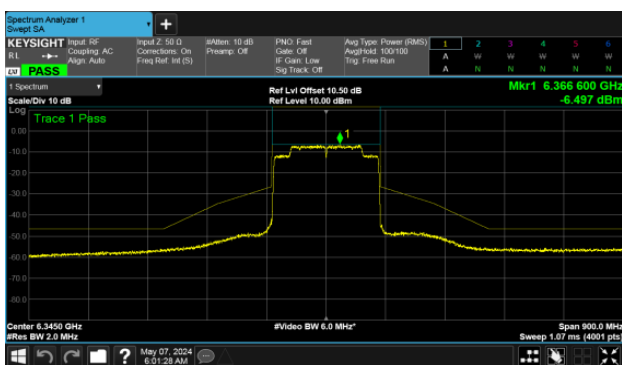




Modulation Type: 802.11ax HE160 CH79
ANT A

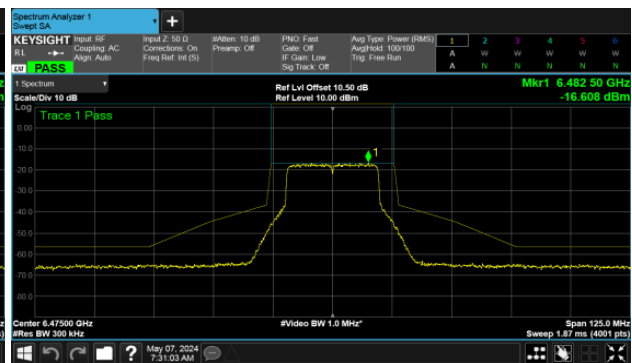
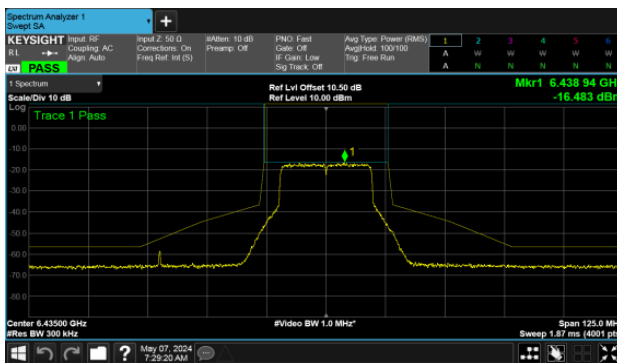


ANT B

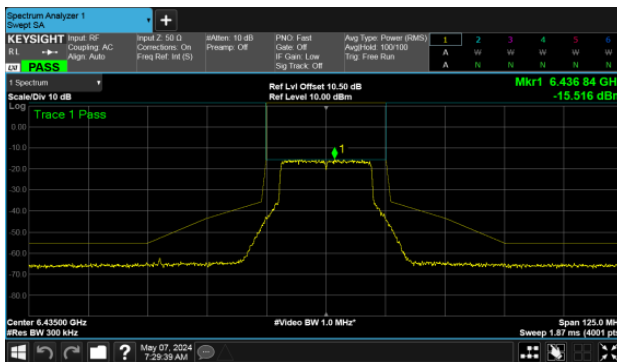




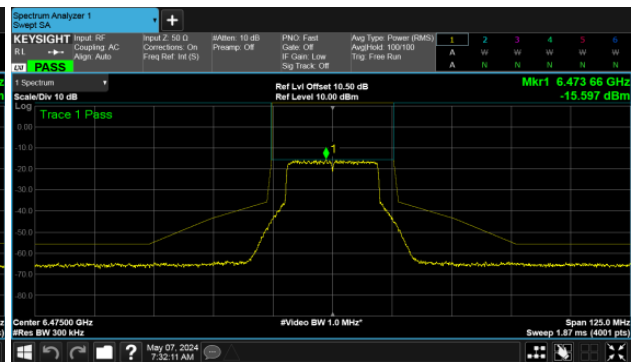
U-NII-6

Modulation Type: 802.11ax HE20 CH97
ANT AModulation Type: 802.11ax HE20 CH105
ANT A

ANT B

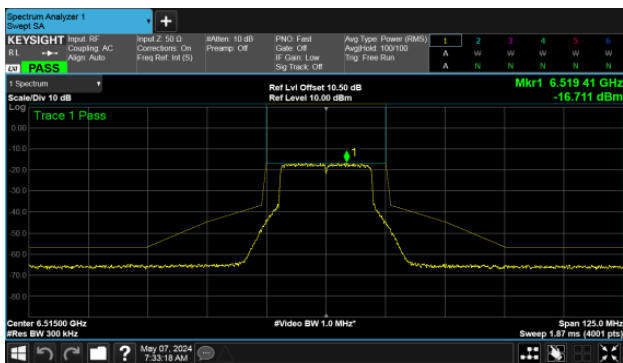


ANT B

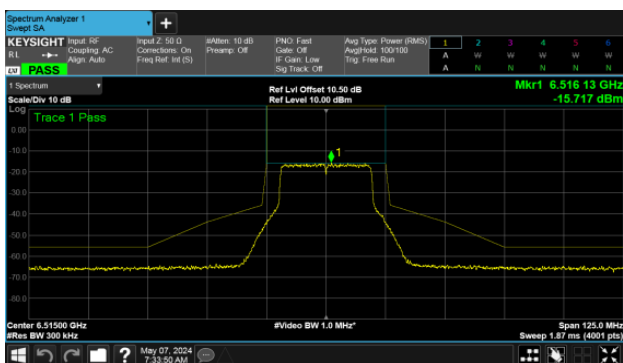




Modulation Type: 802.11ax HE20 CH113
ANT A

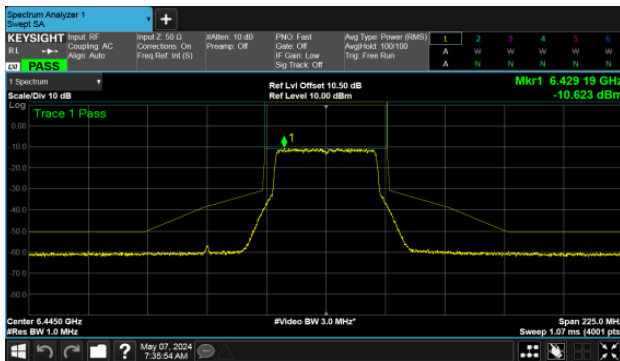


ANT B

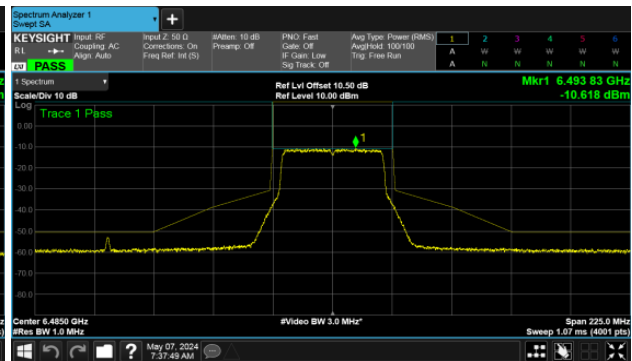




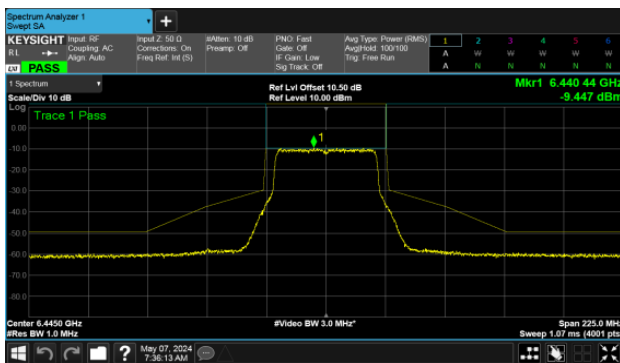
Modulation Type: 802.11ax HE40 CH99
ANT A



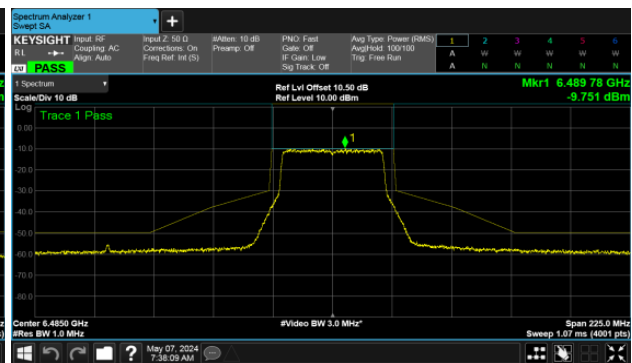
Modulation Type: 802.11ax HE40 CH107
ANT A



ANT B

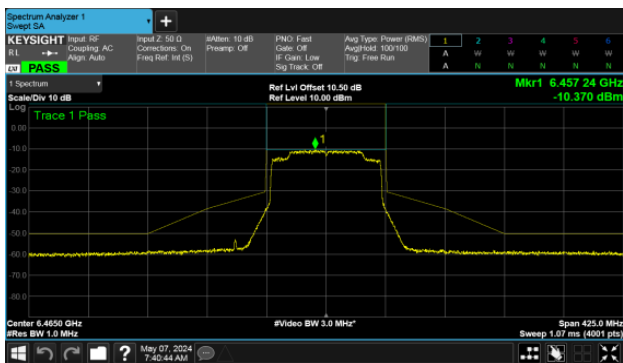


ANT B

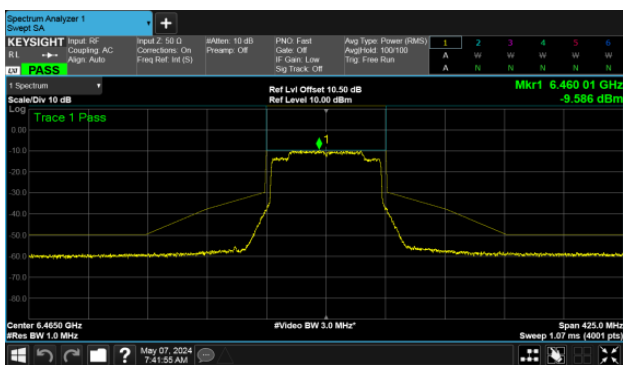




Modulation Type: 802.11ax HE80 CH103
ANT A



ANT B

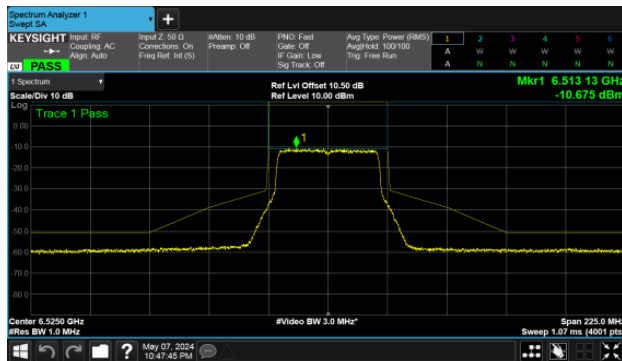




U-NII-6 + U-NII-7 across band

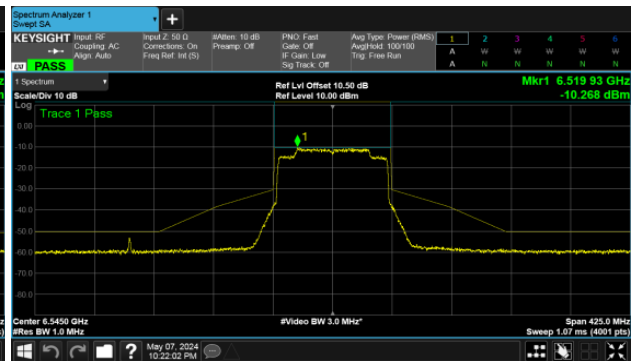
Modulation Type: 802.11ax HE40 CH115

ANT A

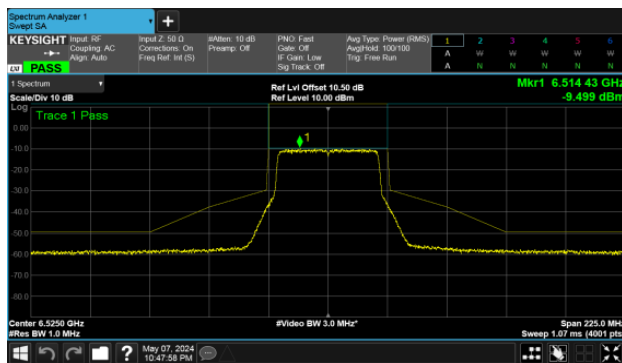


Modulation Type: 802.11ax HE80 CH119

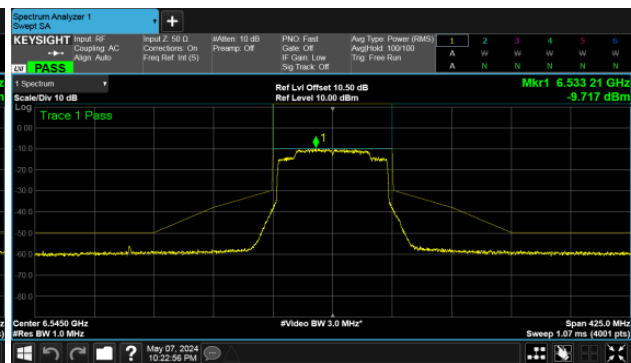
ANT A



ANT B

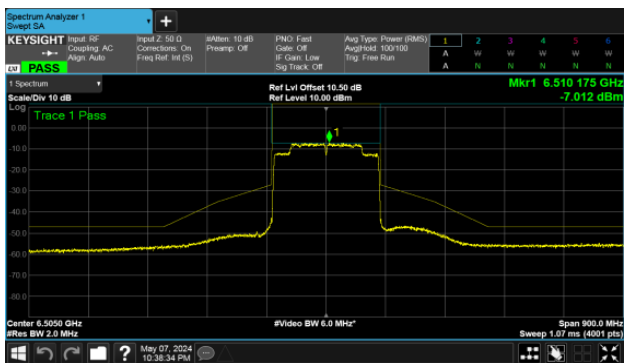


ANT B

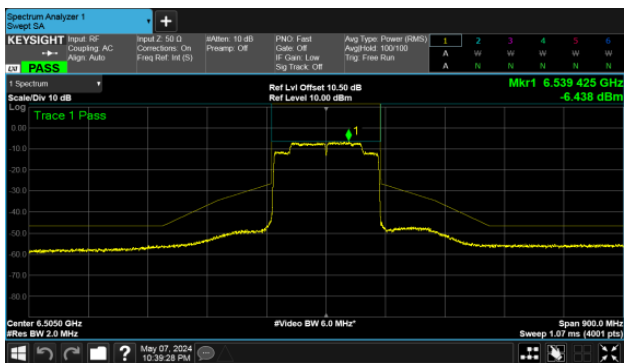




Modulation Type: 802.11ax HE160 CH111
ANT A

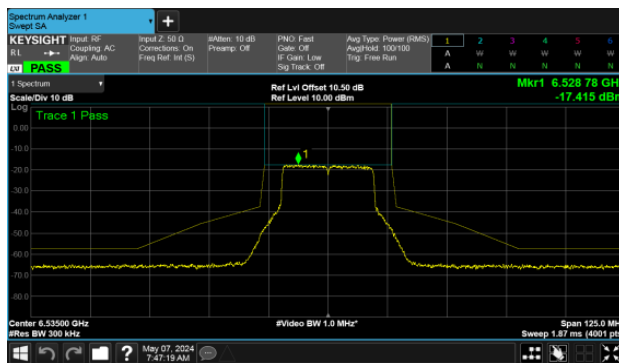
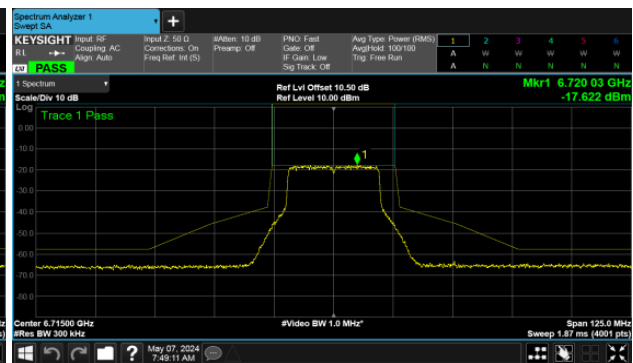


ANT B

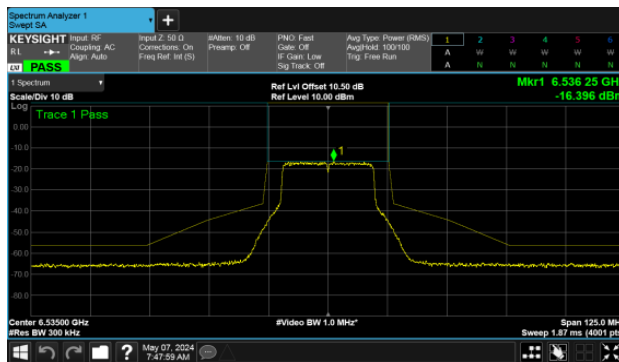




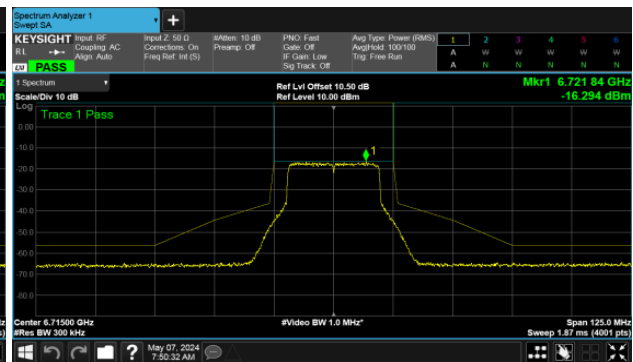
U-NII-7

Modulation Type: 802.11ax HE20 CH117
ANT AModulation Type: 802.11ax HE20 CH153
ANT A

ANT B

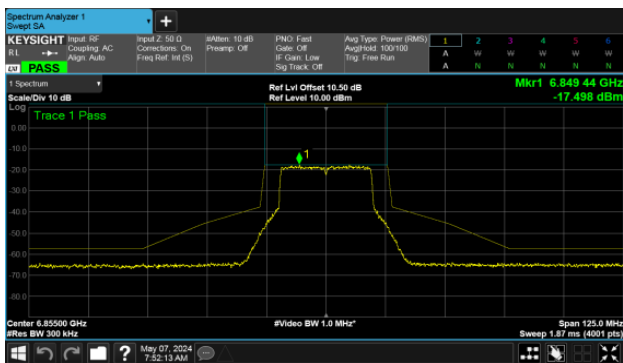


ANT B

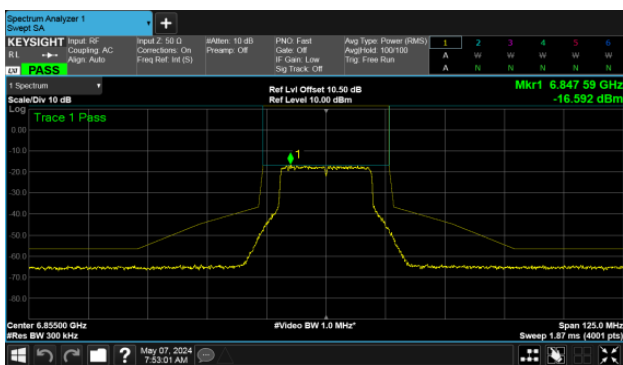




Modulation Type: 802.11ax HE20 CH181
ANT A

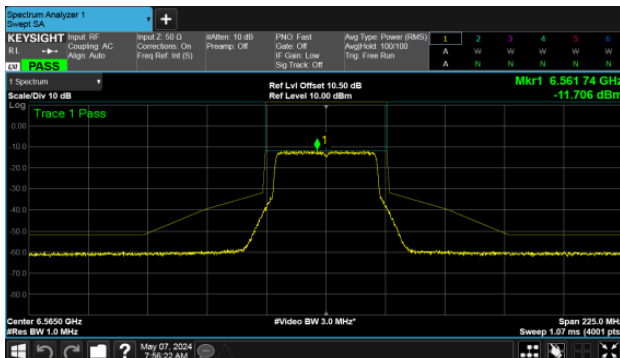


ANT B

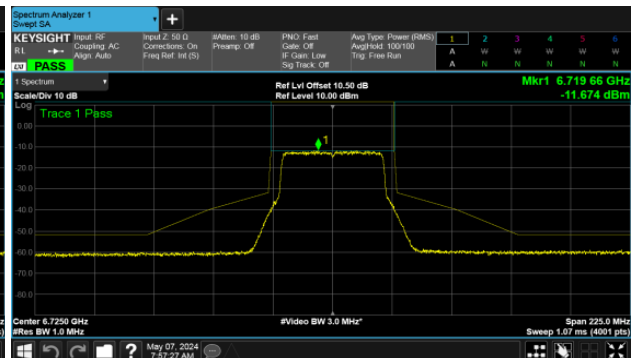




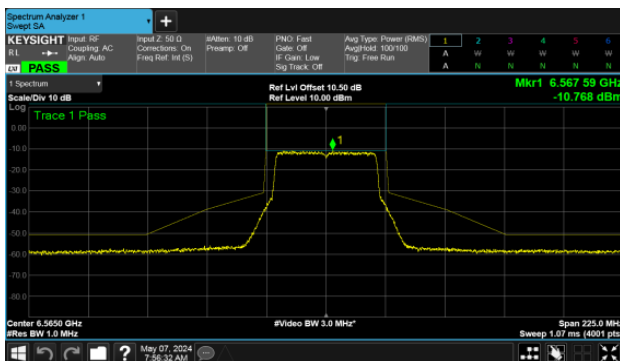
Modulation Type: 802.11ax HE40 CH123
ANT A



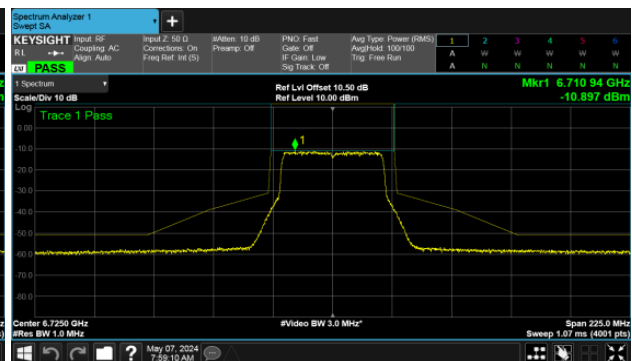
Modulation Type: 802.11ax HE40 CH155
ANT A



ANT B

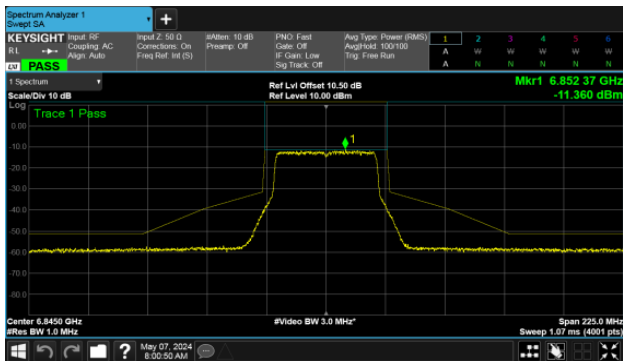


ANT B

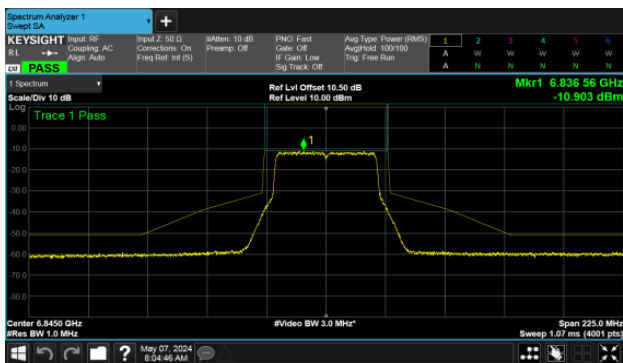




Modulation Type: 802.11ax HE40 CH179
ANT A

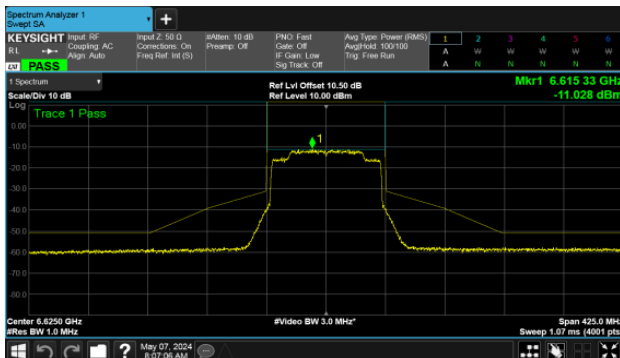


ANT B

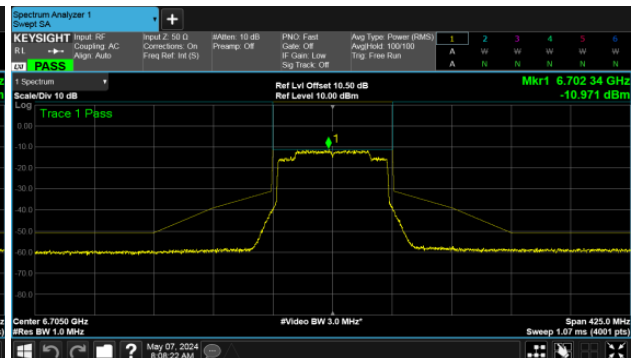




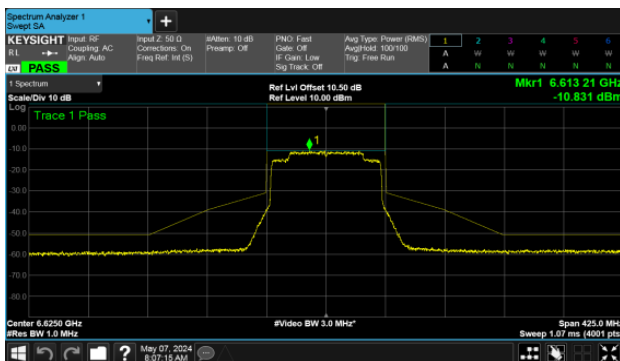
Modulation Type: 802.11ax HE80 CH135
ANT A



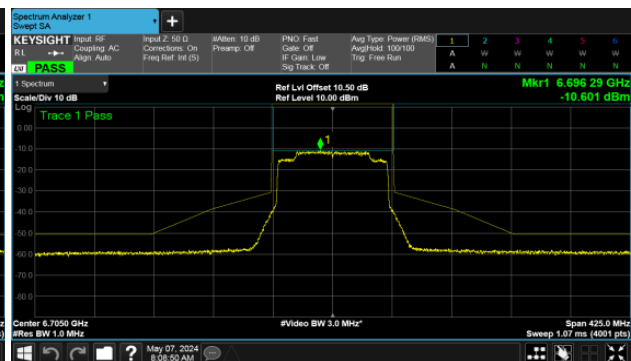
Modulation Type: 802.11ax HE80 CH151
ANT A



ANT B

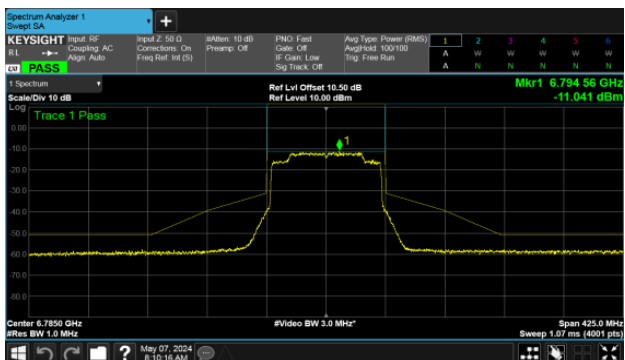


ANT B

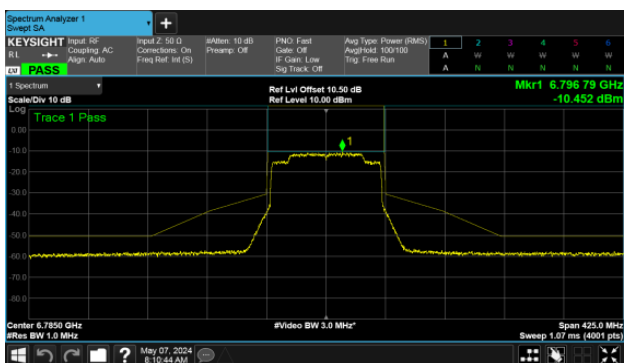




Modulation Type: 802.11ax HE80 CH167
ANT A

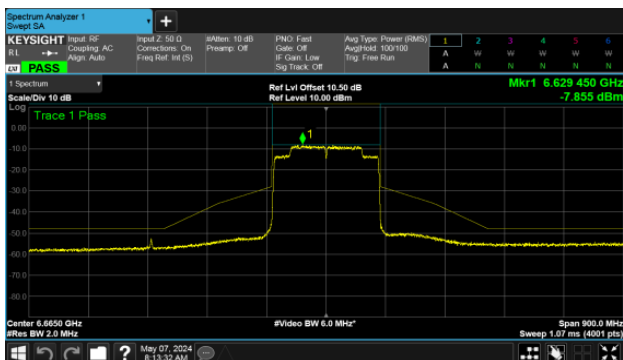


ANT B

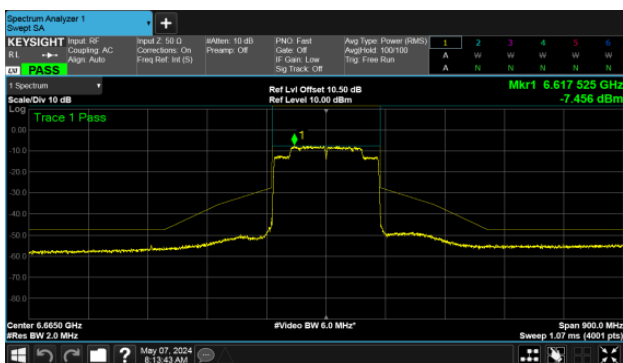




Modulation Type: 802.11ax HE160 CH143
ANT A



ANT B





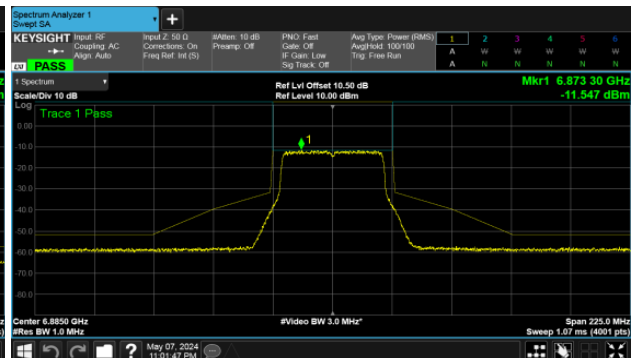
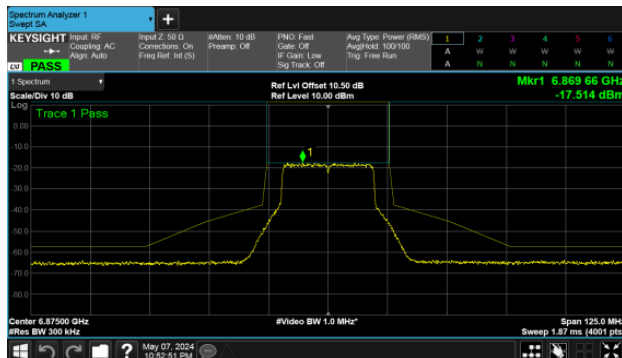
U-NII-7 + U-NII-8 across band

Modulation Type: 802.11ax HE20 CH185

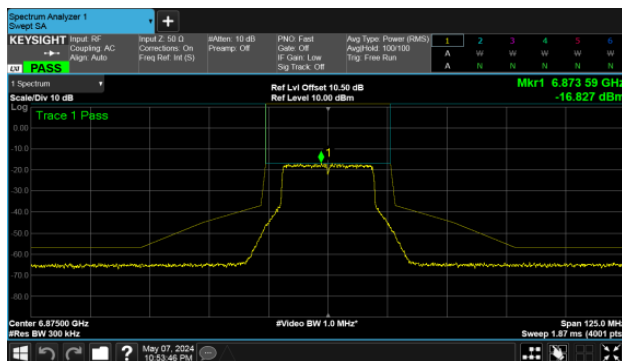
ANT A

Modulation Type: 802.11ax HE40 CH187

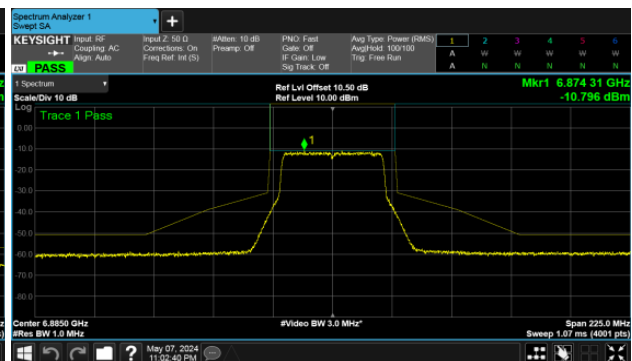
ANT A



ANT B



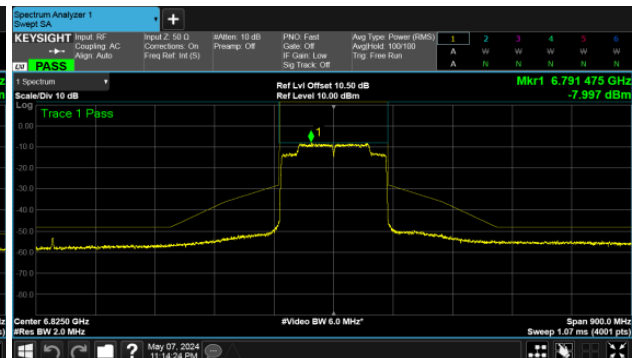
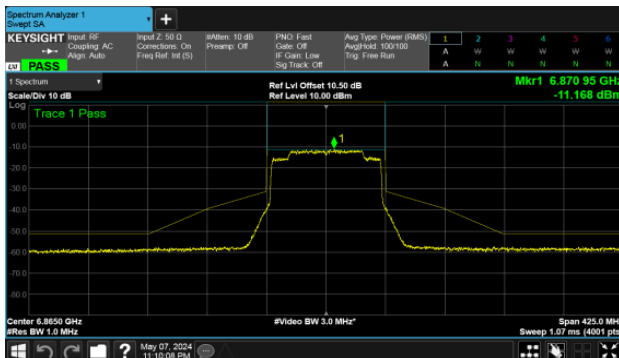
ANT B



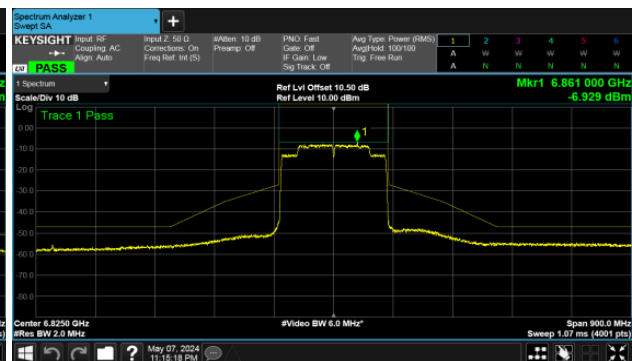
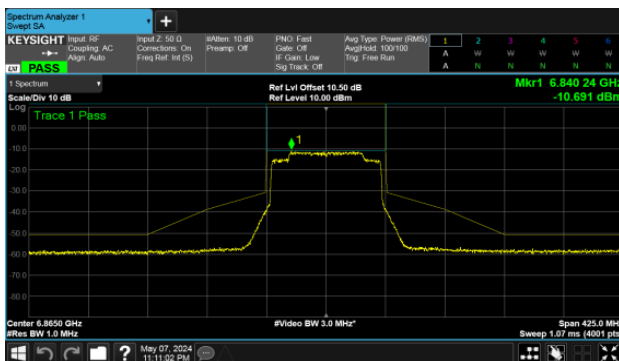


Modulation Type: 802.11ax HE80 CH183
ANT A

Modulation Type: 802.11ax HE160 CH175

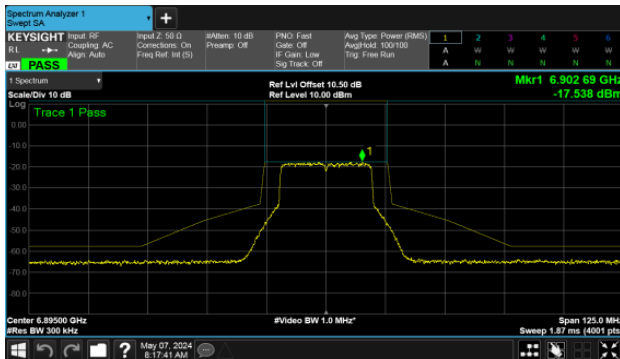
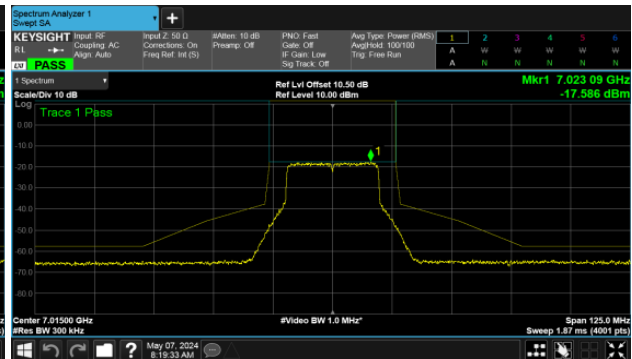


ANT B

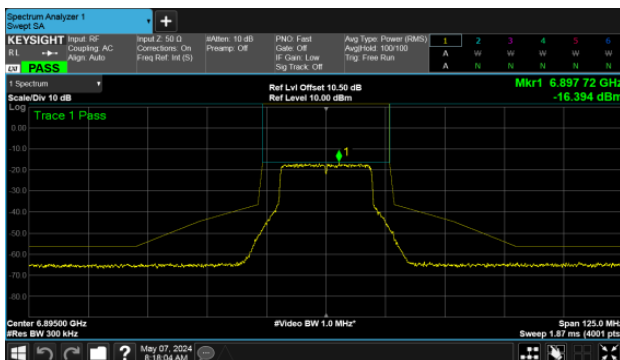




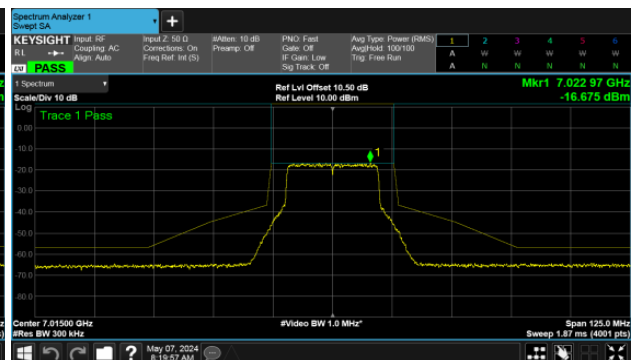
U-NII-8

Modulation Type: 802.11ax HE20 CH189
ANT AModulation Type: 802.11ax HE20 CH213
ANT A

ANT B

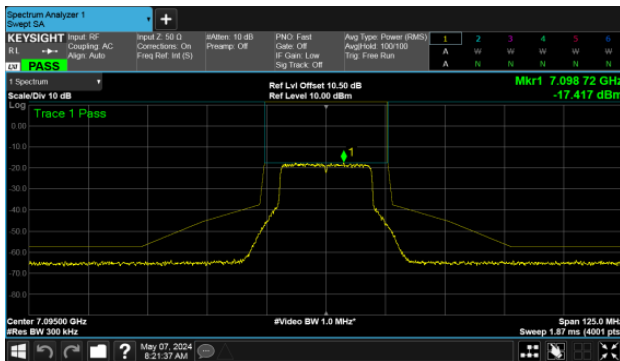


ANT B

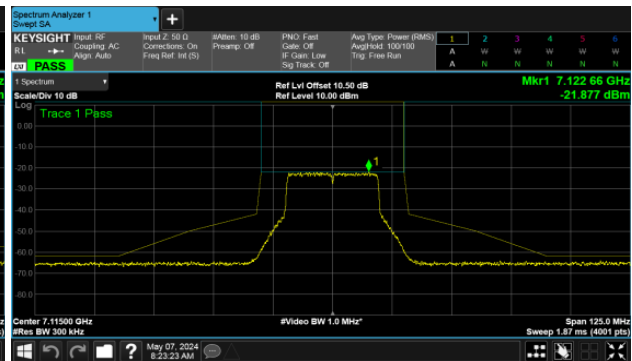




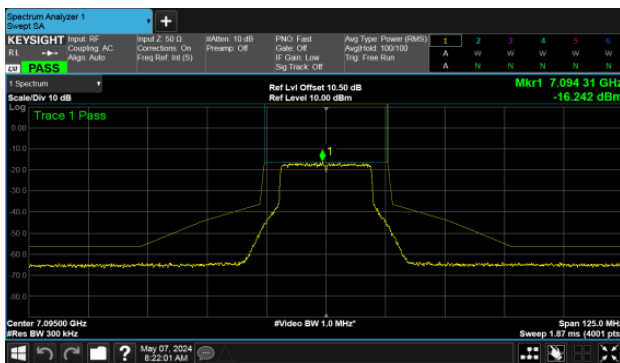
Modulation Type: 802.11ax HE20 CH229
ANT A



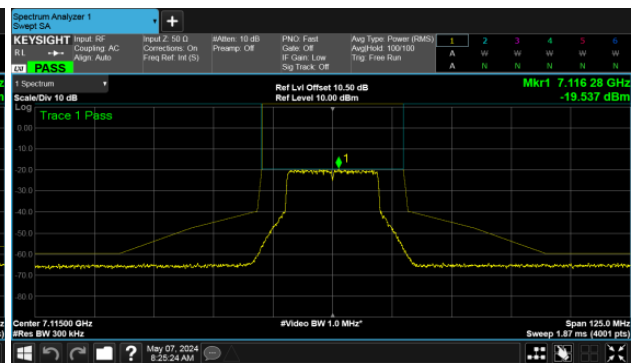
Modulation Type: 802.11ax HE20 CH233
ANT A



ANT B

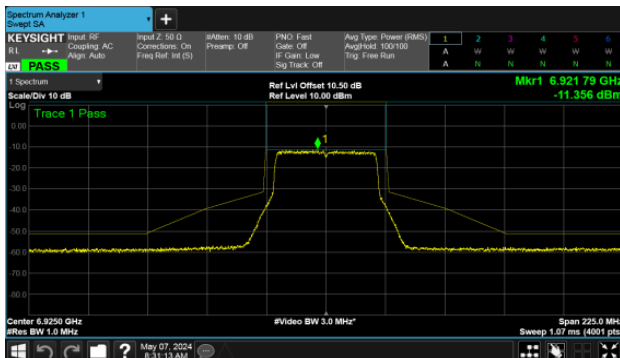


ANT B

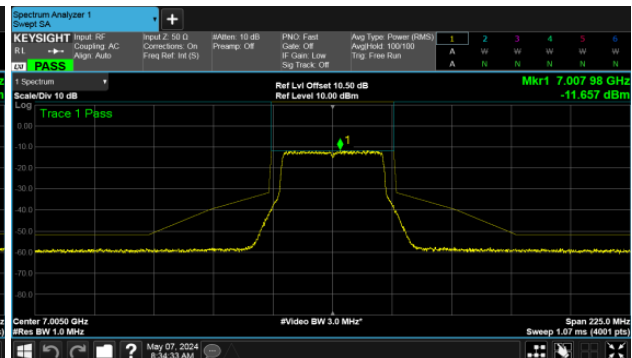




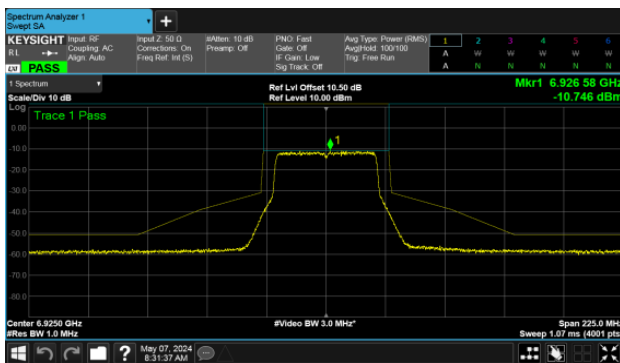
Modulation Type: 802.11ax HE40 CH195
ANT A



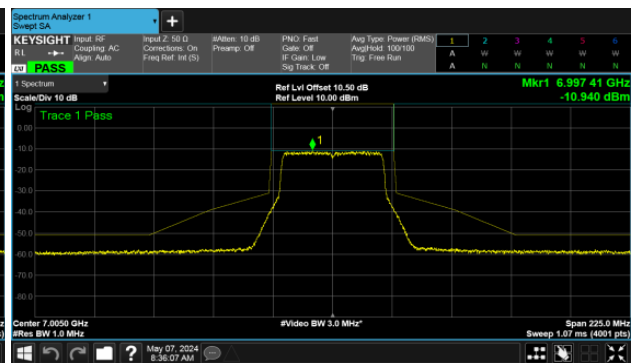
Modulation Type: 802.11ax HE40 CH211
ANT A



ANT B

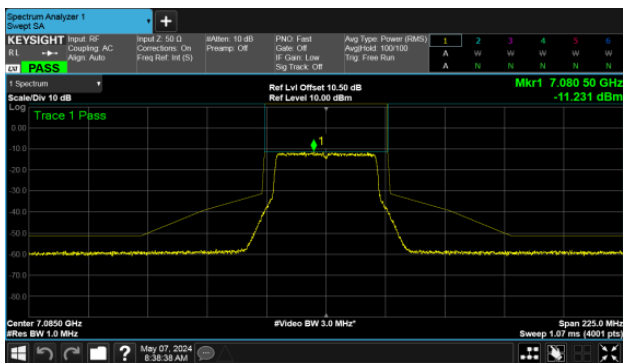


ANT B

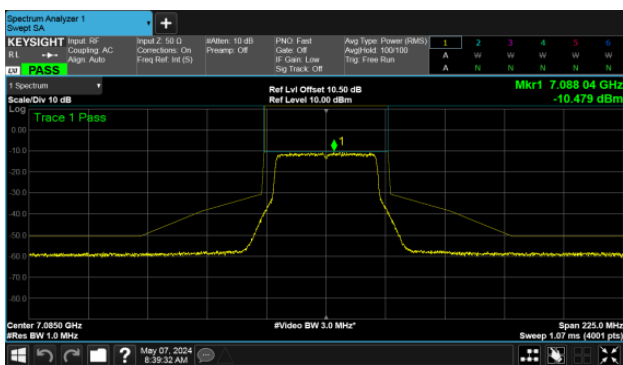




Modulation Type: 802.11ax HE40 CH227
ANT A

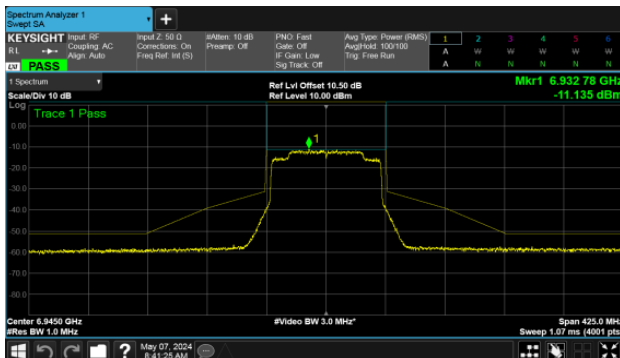


ANT B

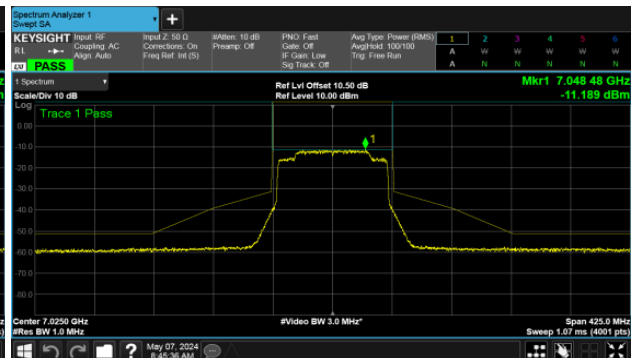




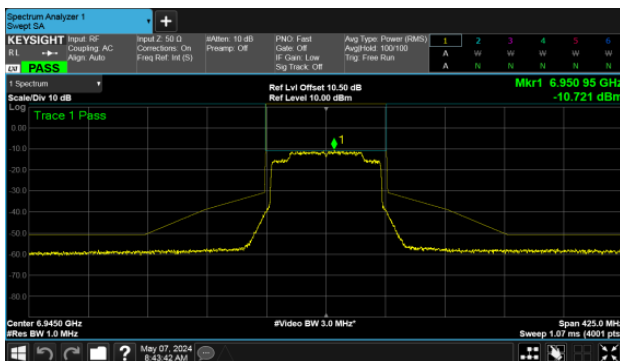
Modulation Type: 802.11ax HE80 CH199
ANT A



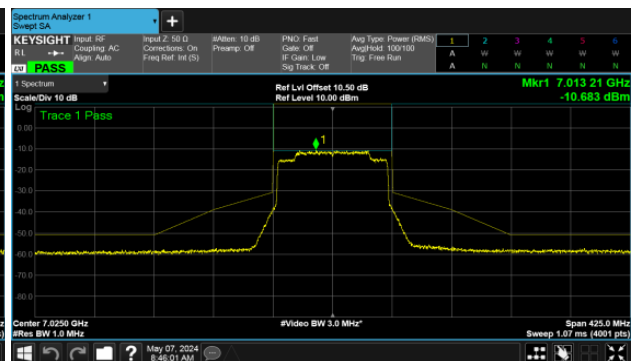
Modulation Type: 802.11ax HE80 CH215
ANT A



ANT B

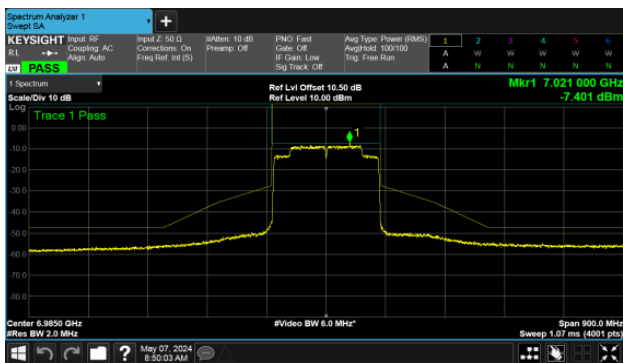


ANT B

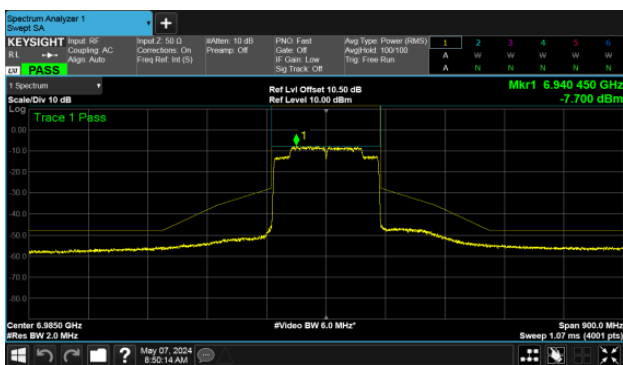




Modulation Type: 802.11ax HE160 CH207
ANT A



ANT B





7. On Time, Duty Cycle

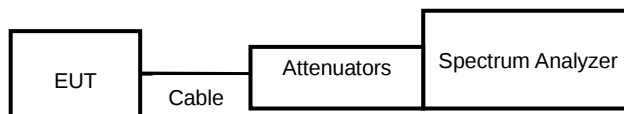
7.1. Test Limit

None; for reporting purposes only.

7.2. Test Procedure

KDB 789033 Zero-Span Spectrum Analyzer Method.

7.3. Test Setup Layout



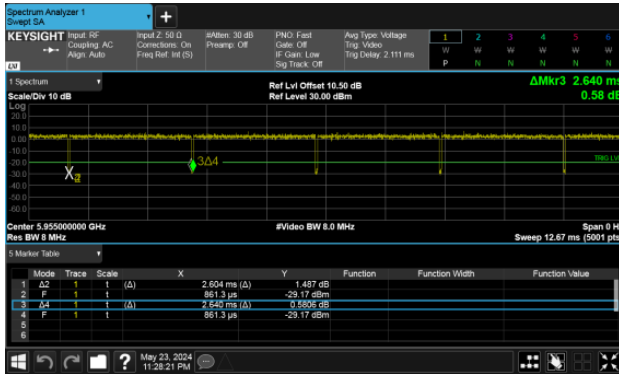


7.4. Test Result and Data

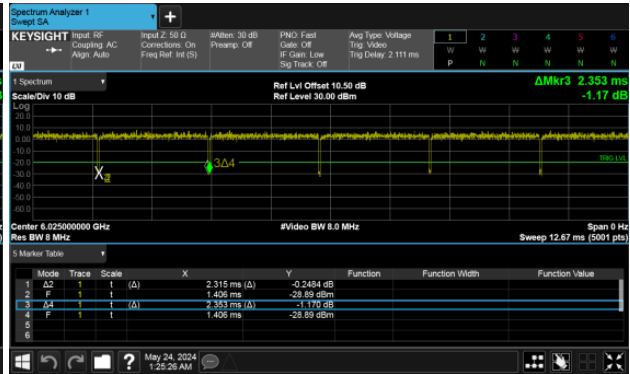
Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11ax HE20	2.60	2.64	98.60%
802.11ax HE40	2.61	2.65	98.49%
802.11ax HE80	2.61	2.64	98.60%
802.11ax HE160	2.32	2.35	98.26%



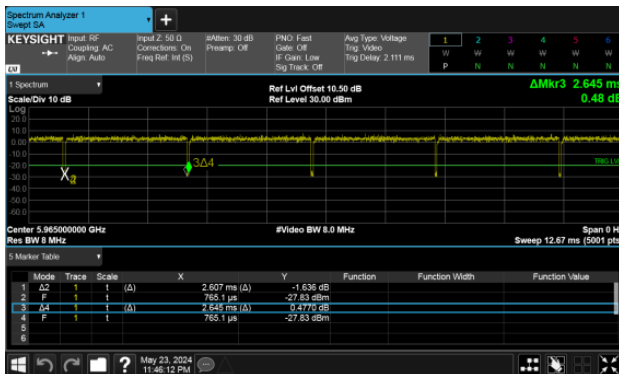
Modulation Type: 802.11ax HE20 (7.3Mbps)



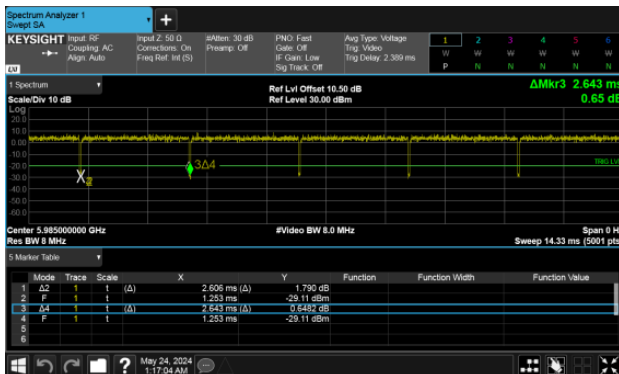
Modulation Type: 802.11ax HE160 (61.3Mbps)



Modulation Type: 802.11ax HE40 (14.6Mbps)



Modulation Type: 802.11ax HE80 (30.6Mbps)





8. 26dB Bandwidth & 99% Occupied Bandwidth

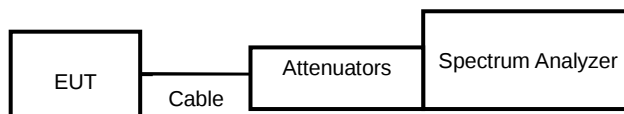
8.1. Test Limit

The 26dB Bandwidth shall not exceed 320 MHz.

8.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW = approximately 1% of the emission bandwidth, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

8.3. Test Setup Layout





8.4. Test Result and Data (26dB Bandwidth)

U-NII-5

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
					ANT A	ANT B	
11ax HE20	NSS1-MCS0	Default	1	5955	26.05	25.44	320.00
11ax HE20	NSS1-MCS0	Default	45	6175	24.21	25.90	320.00
11ax HE20	NSS1-MCS0	Default	93	6415	24.92	25.22	320.00
11ax HE40	NSS1-MCS0	Default	3	5965	46.19	45.71	320.00
11ax HE40	NSS1-MCS0	Default	43	6165	46.93	46.01	320.00
11ax HE40	NSS1-MCS0	Default	91	6405	46.16	45.29	320.00
11ax HE80	NSS1-MCS0	Default	7	5985	83.57	86.32	320.00
11ax HE80	NSS1-MCS0	Default	39	6145	84.17	83.99	320.00
11ax HE80	NSS1-MCS0	Default	87	6385	84.08	84.59	320.00
11ax HE160	NSS1-MCS0	Default	15	6025	163.10	163.40	320.00
11ax HE160	NSS1-MCS0	Default	47	6185	163.30	164.50	320.00
11ax HE160	NSS1-MCS0	Default	79	6345	164.30	163.90	320.00

U-NII-6

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
					ANT A	ANT B	
11ax HE20	NSS1-MCS0	Default	97	6435	26.08	25.24	320.00
11ax HE20	NSS1-MCS0	Default	105	6475	25.82	25.64	320.00
11ax HE20	NSS1-MCS0	Default	113	6515	25.19	25.02	320.00
11ax HE40	NSS1-MCS0	Default	99	6445	46.18	45.62	320.00
11ax HE40	NSS1-MCS0	Default	107	6485	45.46	46.03	320.00
11ax HE80	NSS1-MCS0	Default	103	6465	85.29	85.67	320.00



U-NII-7

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
					ANT A	ANT B	
11ax HE20	NSS1-MCS0	Default	117	6535	26.75	25.52	320.00
11ax HE20	NSS1-MCS0	Default	153	6715	25.85	25.03	320.00
11ax HE20	NSS1-MCS0	Default	181	6855	25.83	26.49	320.00
11ax HE40	NSS1-MCS0	Default	123	6565	46.02	45.49	320.00
11ax HE40	NSS1-MCS0	Default	155	6725	46.67	46.70	320.00
11ax HE40	NSS1-MCS0	Default	179	6845	46.31	46.68	320.00
11ax HE80	NSS1-MCS0	Default	135	6625	84.33	84.48	320.00
11ax HE80	NSS1-MCS0	Default	151	6705	85.57	86.63	320.00
11ax HE80	NSS1-MCS0	Default	167	6785	84.05	83.35	320.00
11ax HE160	NSS1-MCS0	Default	143	6665	163.50	163.70	320.00

U-NII-8

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	26dB Bandwidth(MHz)		Limit (MHz)
					ANT A	ANT B	
11ax HE20	NSS1-MCS0	Default	189	6895	25.84	26.72	320.00
11ax HE20	NSS1-MCS0	Default	213	7015	26.49	25.74	320.00
11ax HE20	NSS1-MCS0	Default	229	7095	25.96	25.94	320.00
11ax HE20	NSS1-MCS0	Default	233	7115	24.79	25.59	320.00
11ax HE40	NSS1-MCS0	Default	195	6925	46.15	46.02	320.00
11ax HE40	NSS1-MCS0	Default	211	7005	46.31	46.26	320.00
11ax HE40	NSS1-MCS0	Default	227	7085	46.67	46.92	320.00
11ax HE80	NSS1-MCS0	Default	199	6945	85.63	86.47	320.00
11ax HE80	NSS1-MCS0	Default	215	7025	85.85	84.41	320.00
11ax HE160	NSS1-MCS0	Default	207	6985	164.30	164.90	320.00



26dB Bandwidth (Within 6425-6525MHz band)						
Setting	Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
				ANT A	ANT B	
Default	11ax HE40	NSS1-MCS0	6525	22.41	22.61	320.00
Default	11ax HE80	NSS1-MCS0	6545	21.75	21.43	320.00
Default	11ax HE160	NSS1-MCS0	6505	102.30	101.70	320.00

26dB Bandwidth (Extends across 6525MHz band)						
Setting	Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
				ANT A	ANT B	
Default	11ax HE40	NSS1-MCS0	6525	22.85	22.58	320.00
Default	11ax HE80	NSS1-MCS0	6545	62.42	61.73	320.00
Default	11ax HE160	NSS1-MCS0	6505	61.73	62.25	320.00

26dB Bandwidth (Within 6525-6875MHz band)						
Setting	Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
				ANT A	ANT B	
Default	11ax HE20	NSS1-MCS0	6875	12.90	12.66	320.00
Default	11ax HE40	NSS1-MCS0	6885	12.57	12.73	320.00
Default	11ax HE80	NSS1-MCS0	6865	52.17	51.67	320.00
Default	11ax HE160	NSS1-MCS0	6825	131.90	132.20	320.00

26dB Bandwidth (Extends across 6875MHz band)						
Setting	Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)		Limit (MHz)
				ANT A	ANT B	
Default	11ax HE20	NSS1-MCS0	6875	12.92	12.21	320.00
Default	11ax HE40	NSS1-MCS0	6885	32.10	33.27	320.00
Default	11ax HE80	NSS1-MCS0	6865	31.01	32.80	320.00
Default	11ax HE160	NSS1-MCS0	6825	32.40	32.55	320.00



8.5. Test Result and Data (99% Occupied Bandwidth)

U-NII-5

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
					ANT A	ANT B
11ax HE20	NSS1-MCS0	Default	1	5955	19.15	19.19
11ax HE20	NSS1-MCS0	Default	45	6175	19.16	19.17
11ax HE20	NSS1-MCS0	Default	93	6415	19.19	19.19
11ax HE40	NSS1-MCS0	Default	3	5965	38.23	38.23
11ax HE40	NSS1-MCS0	Default	43	6165	38.20	38.19
11ax HE40	NSS1-MCS0	Default	91	6405	38.23	38.23
11ax HE80	NSS1-MCS0	Default	7	5985	76.78	76.82
11ax HE80	NSS1-MCS0	Default	39	6145	76.79	76.78
11ax HE80	NSS1-MCS0	Default	87	6385	76.77	76.71
11ax HE160	NSS1-MCS0	Default	15	6025	154.35	154.52
11ax HE160	NSS1-MCS0	Default	47	6185	154.66	154.72
11ax HE160	NSS1-MCS0	Default	79	6345	154.68	154.63

U-NII-6

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
					ANT A	ANT B
11ax HE20	NSS1-MCS0	Default	97	6435	19.18	19.16
11ax HE20	NSS1-MCS0	Default	105	6475	19.17	19.18
11ax HE20	NSS1-MCS0	Default	113	6515	19.16	19.13
11ax HE40	NSS1-MCS0	Default	99	6445	38.22	38.25
11ax HE40	NSS1-MCS0	Default	107	6485	38.20	38.32
11ax HE80	NSS1-MCS0	Default	103	6465	76.72	76.86



U-NII-7

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
					ANT A	ANT B
11ax HE20	NSS1-MCS0	Default	117	6535	19.16	19.16
11ax HE20	NSS1-MCS0	Default	153	6715	19.18	19.18
11ax HE20	NSS1-MCS0	Default	181	6855	19.21	19.18
11ax HE40	NSS1-MCS0	Default	123	6565	38.28	38.27
11ax HE40	NSS1-MCS0	Default	155	6725	38.30	38.28
11ax HE40	NSS1-MCS0	Default	179	6845	38.29	38.26
11ax HE80	NSS1-MCS0	Default	135	6625	76.71	76.85
11ax HE80	NSS1-MCS0	Default	151	6705	76.95	76.83
11ax HE80	NSS1-MCS0	Default	167	6785	76.79	76.81
11ax HE160	NSS1-MCS0	Default	143	6665	154.79	154.75

U-NII-8

Modulation Type	Data Rate	Setting	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
					ANT A	ANT B
11ax HE20	NSS1-MCS0	Default	189	6895	19.21	19.17
11ax HE20	NSS1-MCS0	Default	213	7015	19.20	19.18
11ax HE20	NSS1-MCS0	Default	229	7095	19.22	19.16
11ax HE20	NSS1-MCS0	Default	233	7115	19.37	19.23
11ax HE40	NSS1-MCS0	Default	195	6925	38.23	38.22
11ax HE40	NSS1-MCS0	Default	211	7005	38.25	38.27
11ax HE40	NSS1-MCS0	Default	227	7085	38.23	38.25
11ax HE80	NSS1-MCS0	Default	199	6945	76.94	76.78
11ax HE80	NSS1-MCS0	Default	215	7025	76.74	76.83
11ax HE160	NSS1-MCS0	Default	207	6985	154.88	154.95



99% Bandwidth (Within 6425-6525MHz band)					
Setting	Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	
				ANT A	ANT B
Default	11ax HE40	NSS1-MCS0	6525	19.44	19.42
Default	11ax HE80	NSS1-MCS0	6545	19.36	19.22
Default	11ax HE160	NSS1-MCS0	6505	97.52	97.57

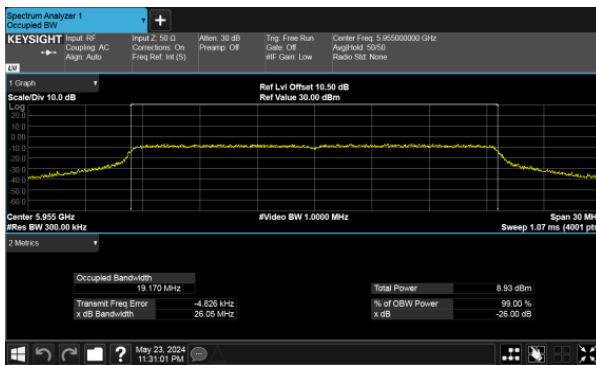
99% Bandwidth (Extends across 6525MHz band)					
Setting	Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	
				ANT A	ANT B
Default	11ax HE40	NSS1-MCS0	6525	19.21	19.24
Default	11ax HE80	NSS1-MCS0	6545	58.48	58.26
Default	11ax HE160	NSS1-MCS0	6505	58.53	58.60

99% Bandwidth (Within 6525-6875MHz band)					
Setting	Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	
				ANT A	ANT B
Default	11ax HE20	NSS1-MCS0	6875	9.80	9.81
Default	11ax HE40	NSS1-MCS0	6885	9.77	9.87
Default	11ax HE80	NSS1-MCS0	6865	48.37	48.47
Default	11ax HE160	NSS1-MCS0	6825	126.74	126.89

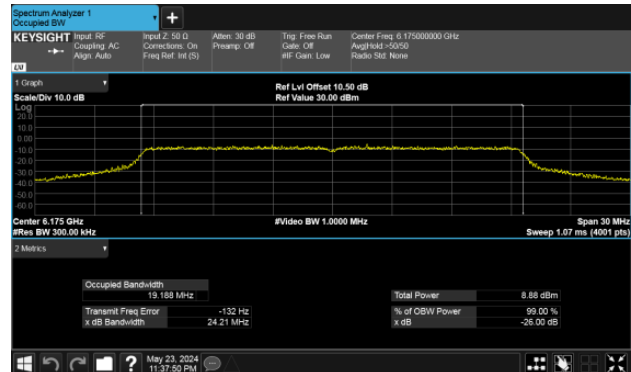
99% Bandwidth (Extends across 6875MHz band)					
Setting	Modulation Type	Data Rate	Frequency (MHz)	Measured value of each antenna port (MHz)	
				ANT A	ANT B
Default	11ax HE20	NSS1-MCS0	6875	9.73	9.71
Default	11ax HE40	NSS1-MCS0	6885	29.08	29.11
Default	11ax HE80	NSS1-MCS0	6865	28.95	28.90
Default	11ax HE160	NSS1-MCS0	6825	29.55	29.68



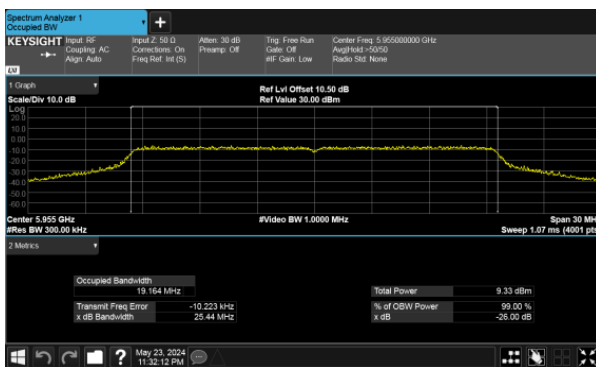
26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE20 CH01
ANT A



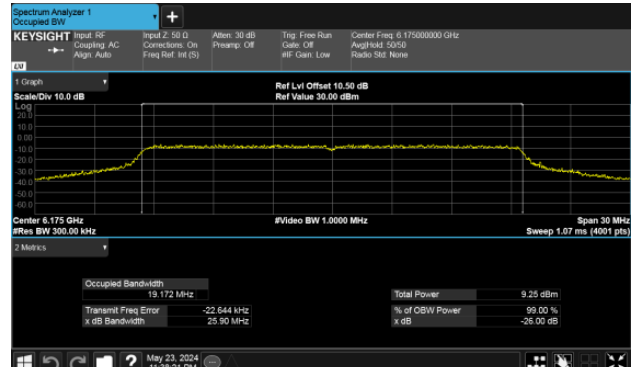
Modulation Type: 802.11ax HE20 CH45
ANT A



ANT B

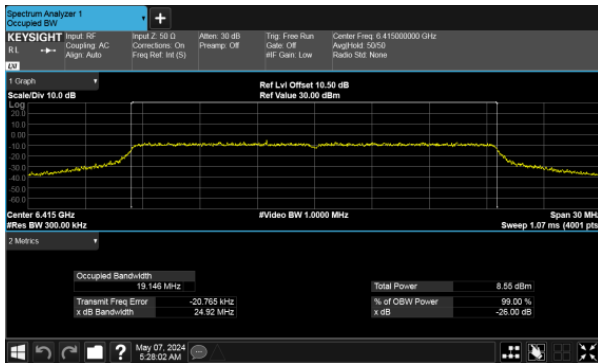


ANT B

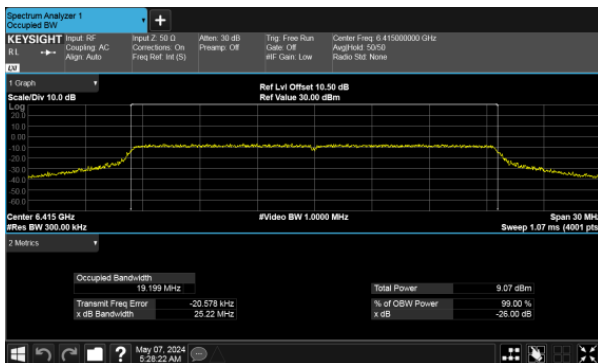




26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE20 CH93
ANT A

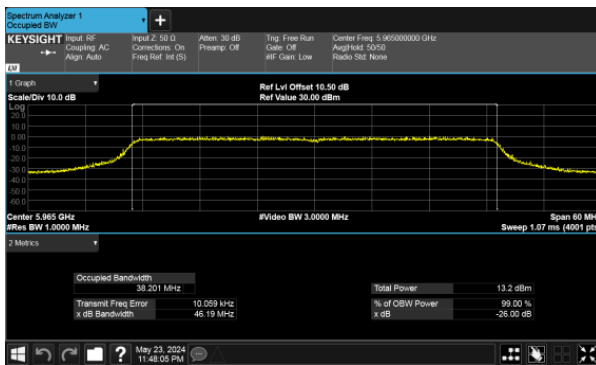


ANT B





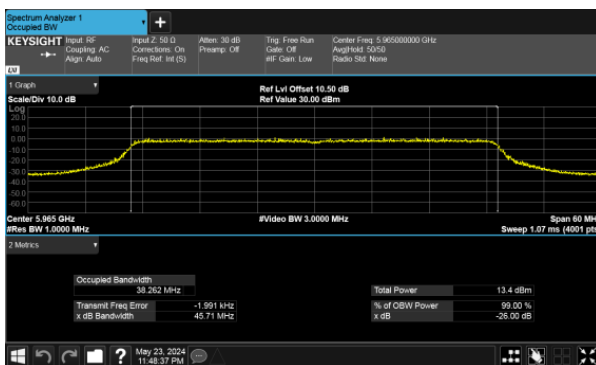
26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE40 CH03
ANT A



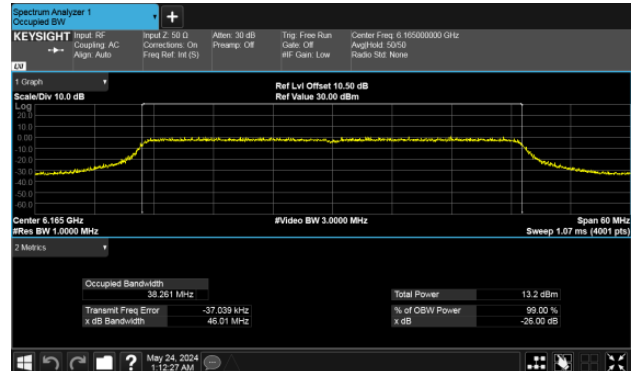
Modulation Type: 802.11ax HE40 CH43
ANT A



ANT B

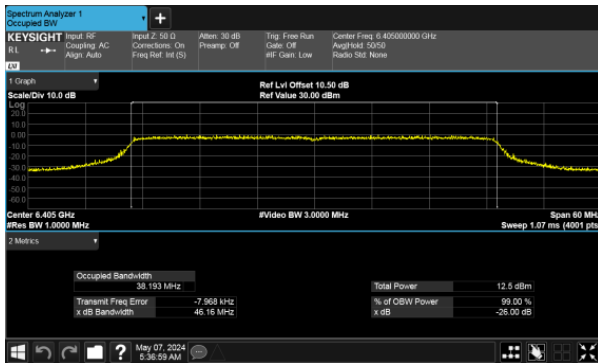


ANT B

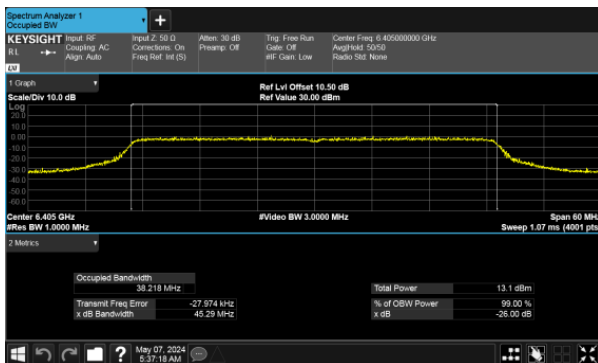




26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE40 CH91
ANT A

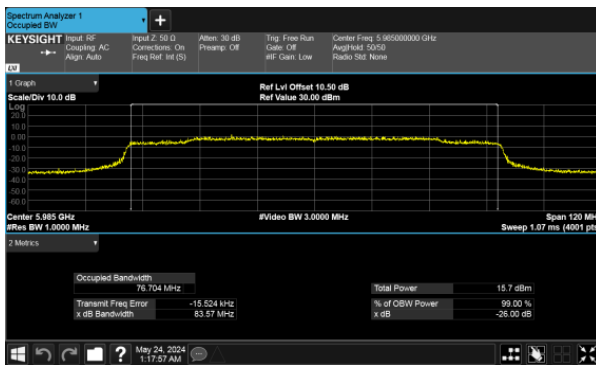


ANT B

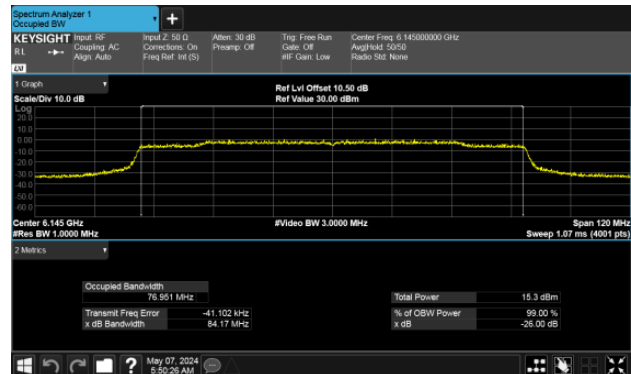




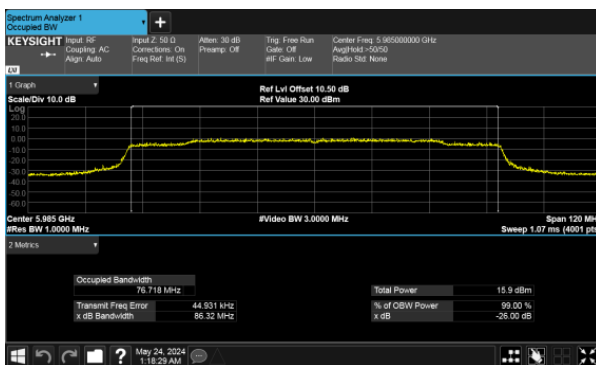
26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE80 CH07
ANT A



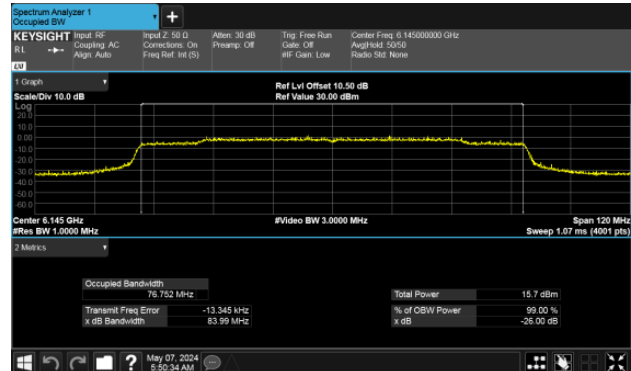
Modulation Type: 802.11ax HE80 CH39
ANT A



ANT B

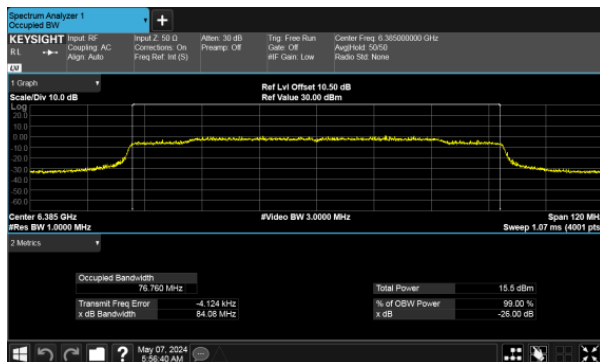


ANT B

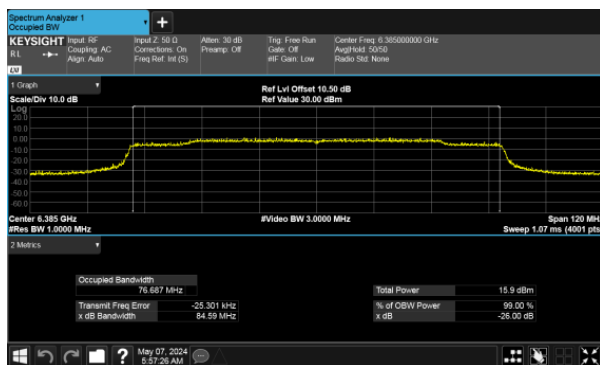




26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE80 CH87
ANT A

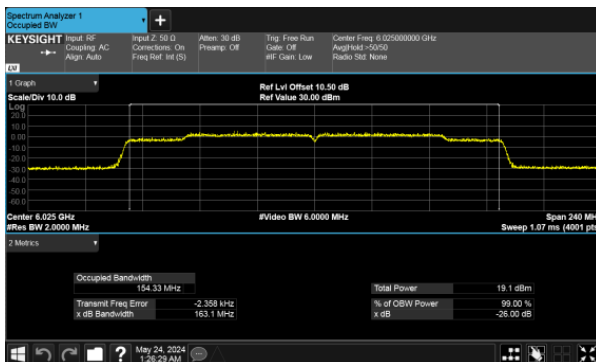


ANT B

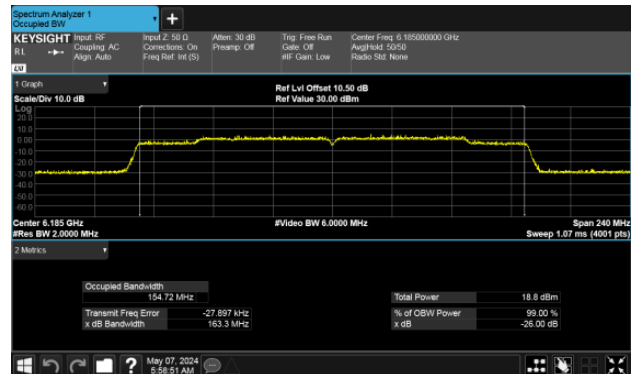




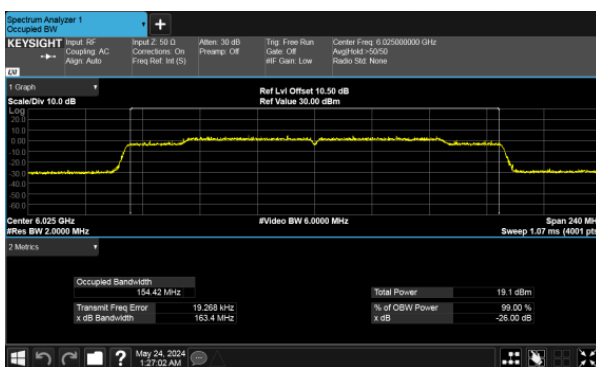
26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE160 CH15
ANT A



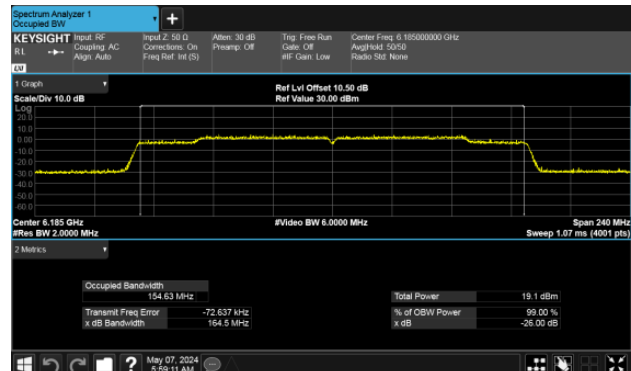
Modulation Type: 802.11ax HE160 CH47
ANT A



ANT B

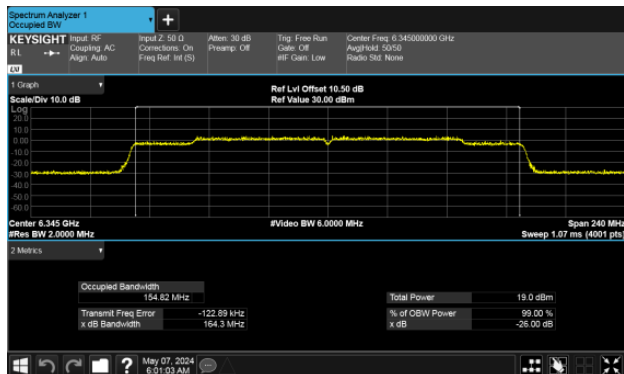


ANT B

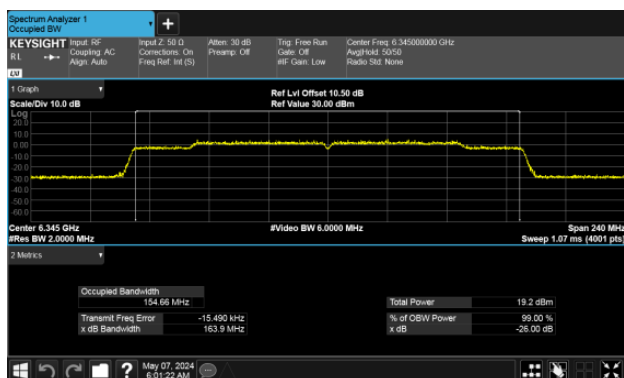




26dB Bandwidth U-NII-5
Modulation Type: 802.11ax HE160 CH79
ANT A



ANT B



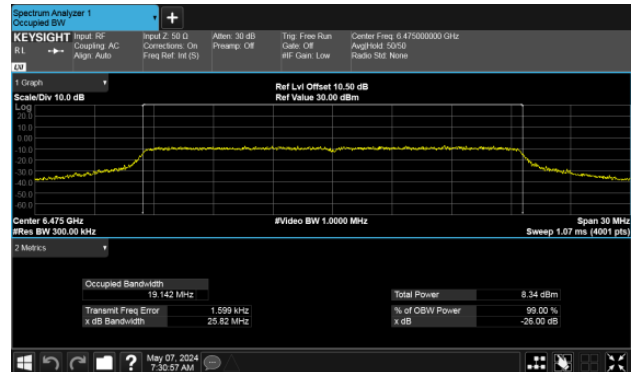


26dB Bandwidth U-NII-6

Modulation Type: 802.11ax HE20 CH97
ANT A



Modulation Type: 802.11ax HE20 CH105
ANT A



ANT B



ANT B

