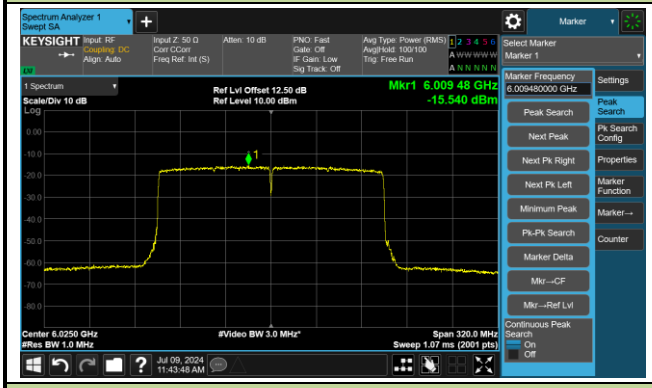
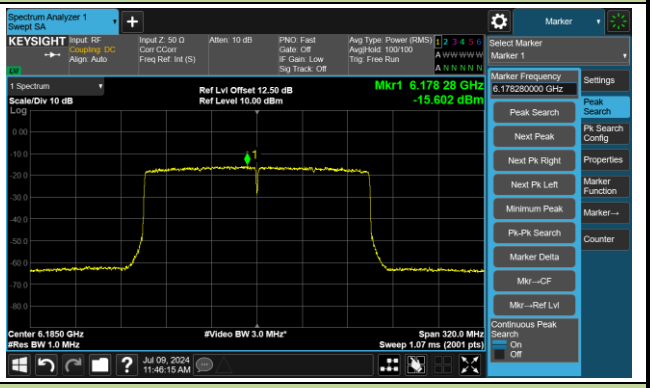
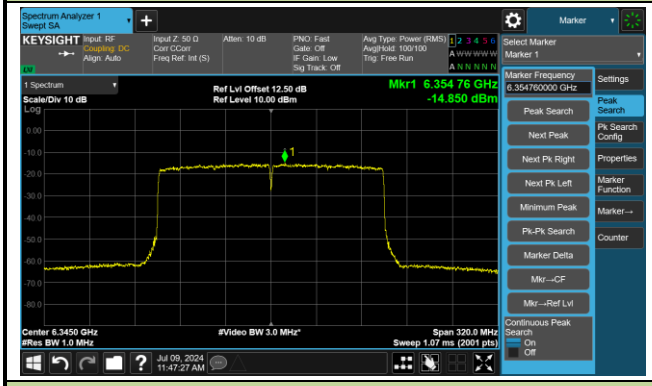
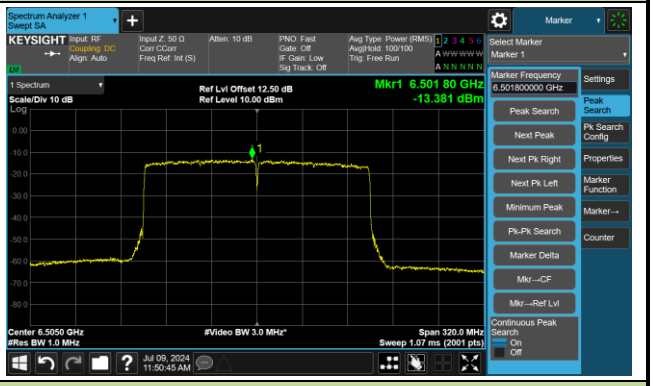
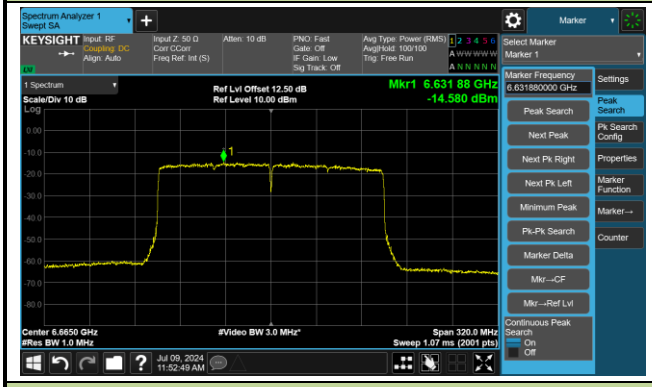
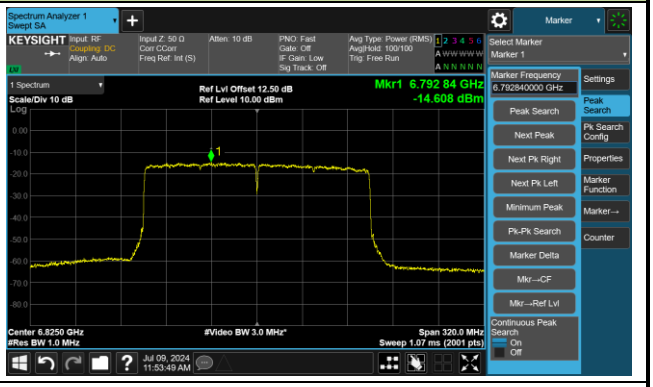
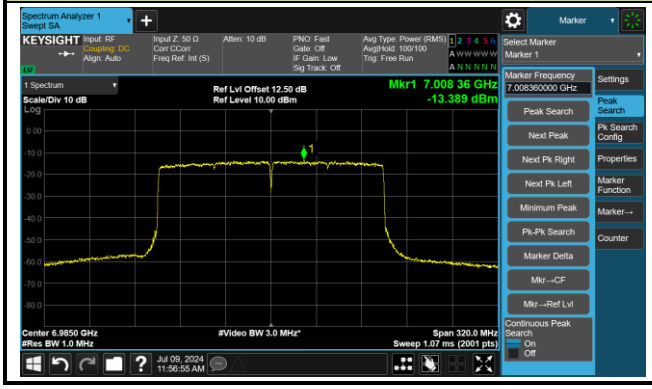
802.11ax-HE160 Power Spectral Density - Ant 2	
Channel 15 (6025MHz)	Channel 47 (6185MHz)
	
Channel 79 (6345MHz)	Channel 111 (6505MHz)
	
Channel 143 (6665MHz)	Channel 175 (6825MHz)
	
Channel 207 (6985MHz)	
	

Partial RU

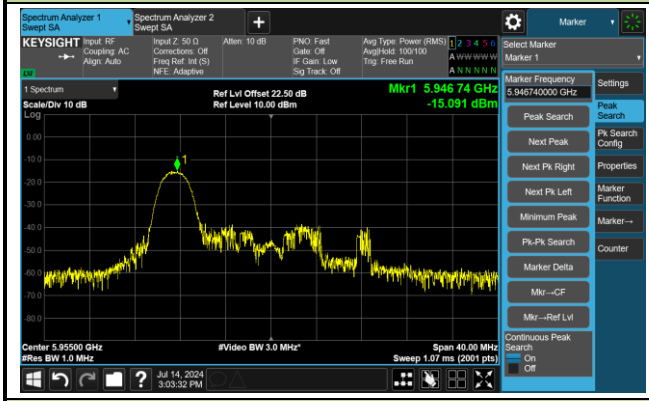
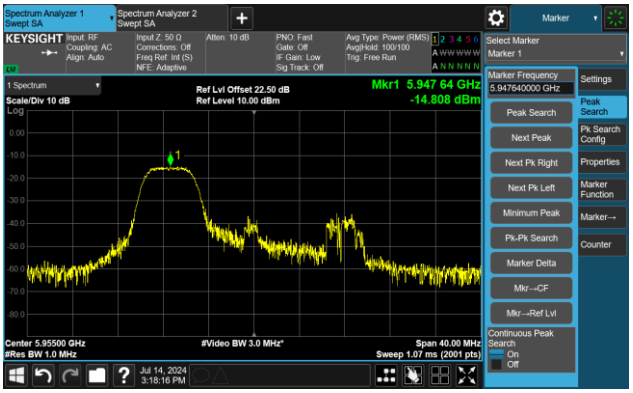
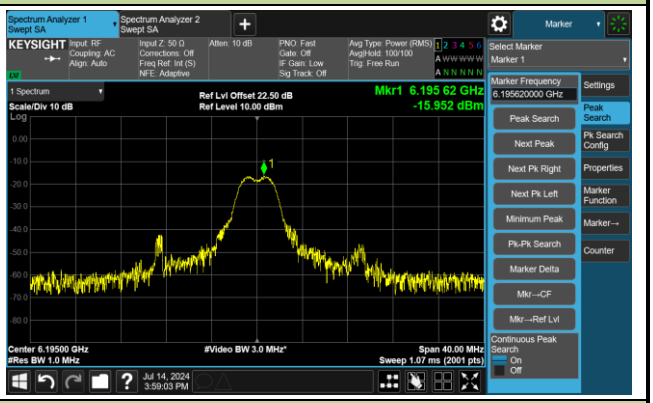
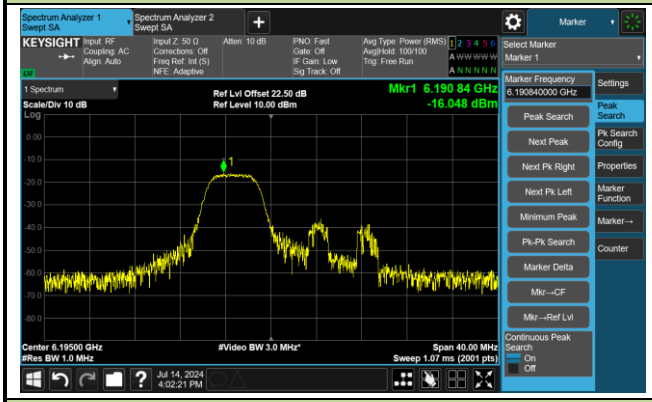
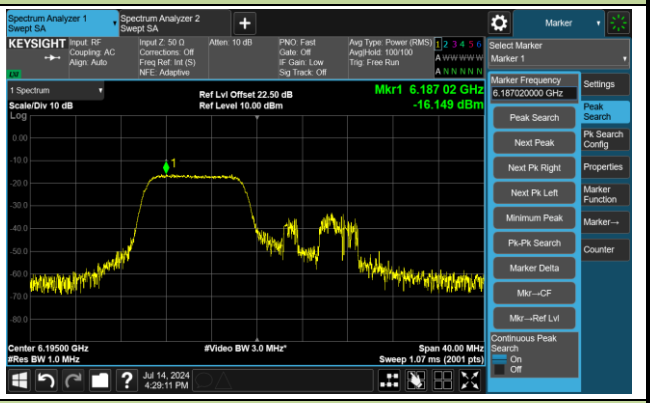
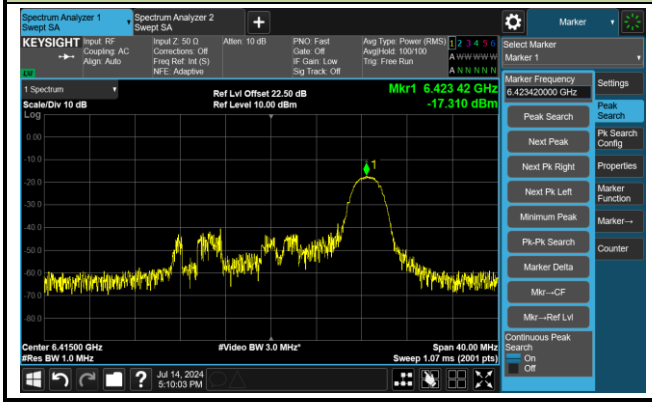
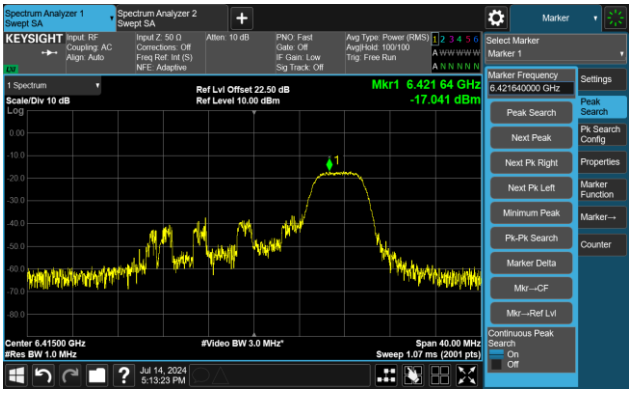
Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-07-14 ~ 2024-07-24		

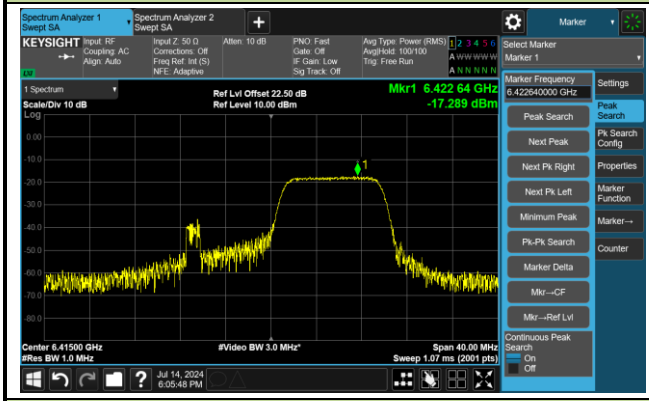
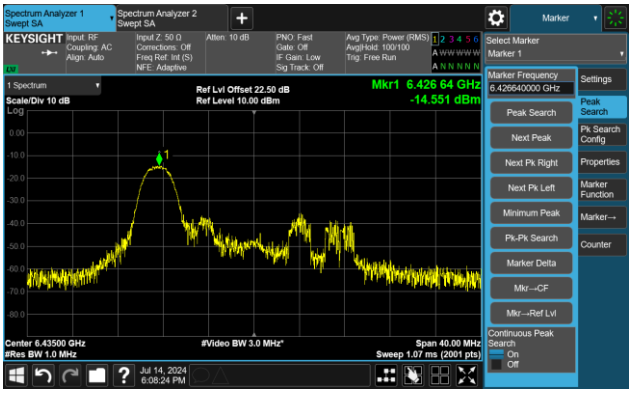
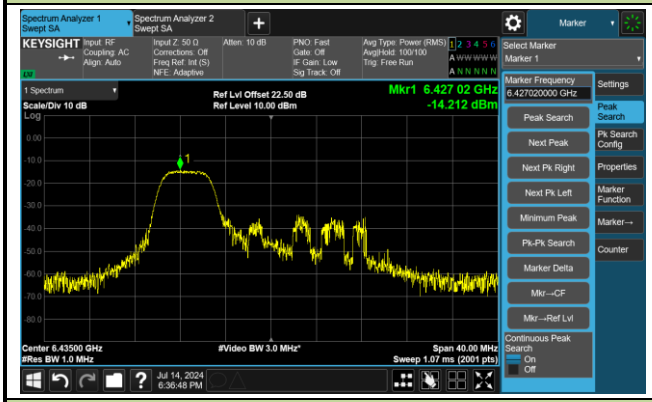
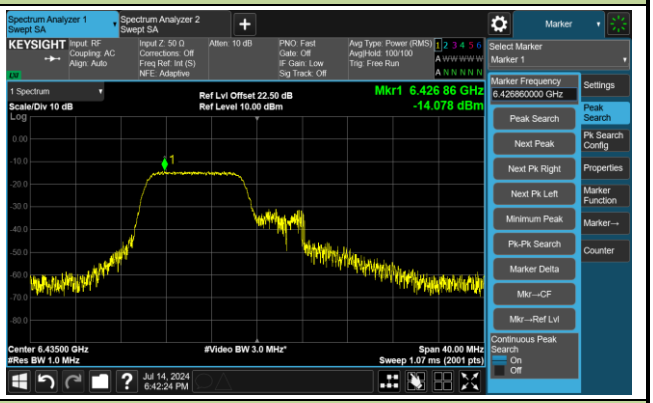
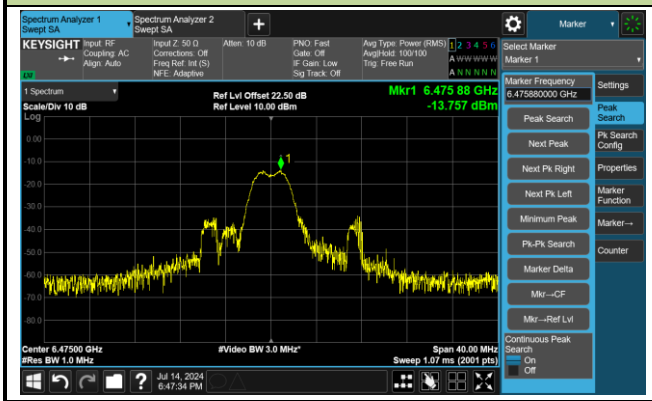
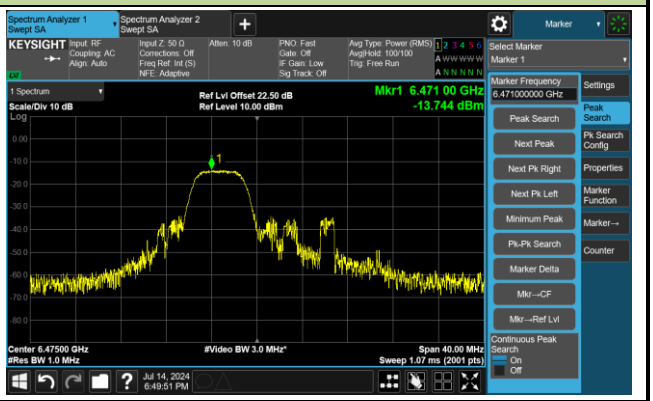
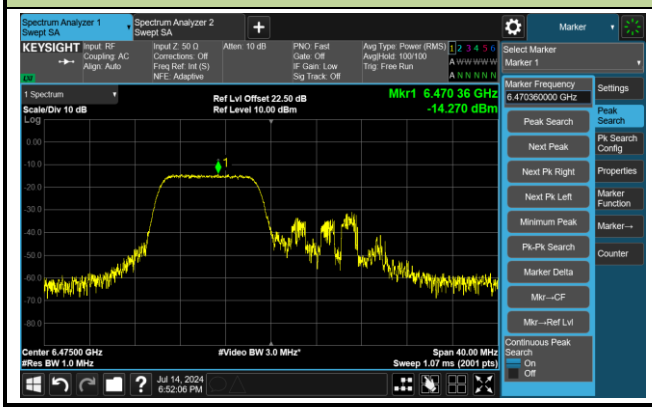
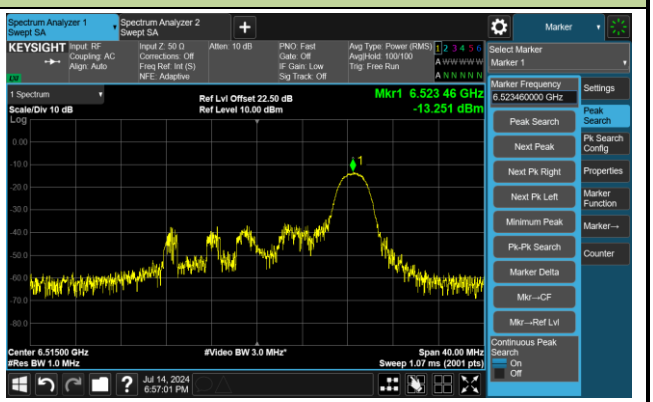
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size/ index	Ant 3 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE20	MCS0	1	5955	RU26/0	-15.091	-15.054	99.67	-1.83	≤ -1.00
				RU52/37	-14.808	-14.761	99.67	-1.54	≤ -1.00
				RU106/53	-14.875	-15.081	99.67	-1.74	≤ -1.00
		49	6195	RU26/4	-15.952	-14.643	99.67	-2.01	≤ -1.00
				RU52/38	-16.048	-14.416	99.67	-1.92	≤ -1.00
				RU106/53	-16.149	-14.360	99.67	-1.92	≤ -1.00
		93	6415	RU26/8	-17.310	-13.511	99.67	-1.77	≤ -1.00
				RU52/40	-17.041	-13.958	99.67	-1.99	≤ -1.00
				RU106/54	-17.289	-13.941	99.67	-2.06	≤ -1.00
		97	6435	RU26/0	-14.551	-11.417	99.67	-1.76	≤ -1.00
				RU52/37	-14.212	-11.122	99.67	-1.45	≤ -1.00
				RU106/53	-14.078	-11.102	99.67	-1.39	≤ -1.00
		105	6475	RU26/4	-13.757	-11.773	99.67	-1.70	≤ -1.00
				RU52/38	-13.744	-11.536	99.67	-1.55	≤ -1.00
				RU106/53	-14.270	-12.108	99.67	-2.11	≤ -1.00
		113	6515	RU26/8	-13.251	-12.006	99.67	-1.63	≤ -1.00
				RU52/40	-14.010	-12.274	99.67	-2.11	≤ -1.00
				RU106/54	-13.833	-12.148	99.67	-1.96	≤ -1.00
		117	6535	RU26/0	-13.632	-12.830	99.67	-1.70	≤ -1.00
				RU52/37	-13.402	-13.046	99.67	-1.71	≤ -1.00
				RU106/53	-13.420	-13.314	99.67	-1.86	≤ -1.00
		149	6695	RU26/4	-13.290	-12.871	99.67	-1.57	≤ -1.00
				RU52/38	-13.317	-12.970	99.67	-1.63	≤ -1.00
				RU106/53	-13.213	-12.634	99.67	-1.40	≤ -1.00
		181	6855	RU26/8	-12.954	-13.273	99.67	-1.60	≤ -1.00
				RU52/40	-12.848	-13.414	99.67	-1.61	≤ -1.00
				RU106/54	-13.120	-13.848	99.67	-1.96	≤ -1.00
		185	6875	RU26/8	-13.100	-13.565	99.67	-1.82	≤ -1.00
				RU52/40	-13.373	-13.660	99.67	-2.00	≤ -1.00
				RU106/54	-13.150	-13.765	99.67	-1.94	≤ -1.00

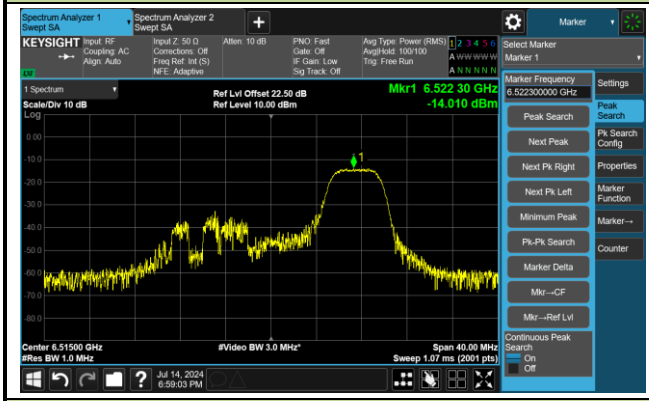
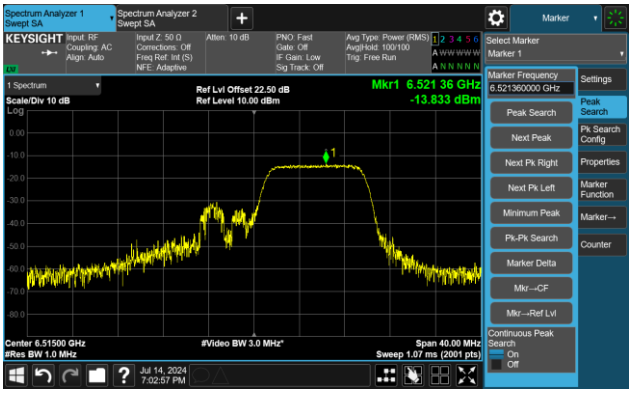
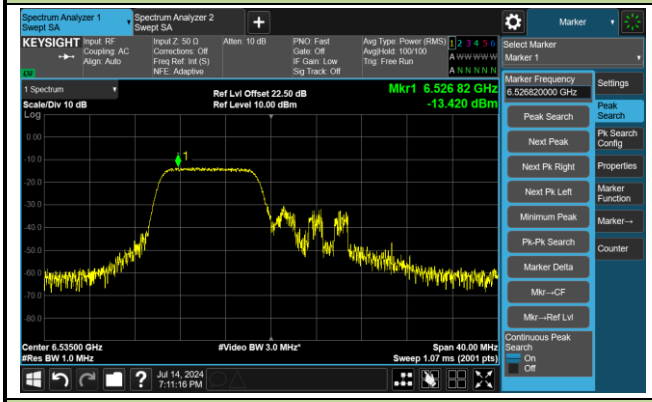
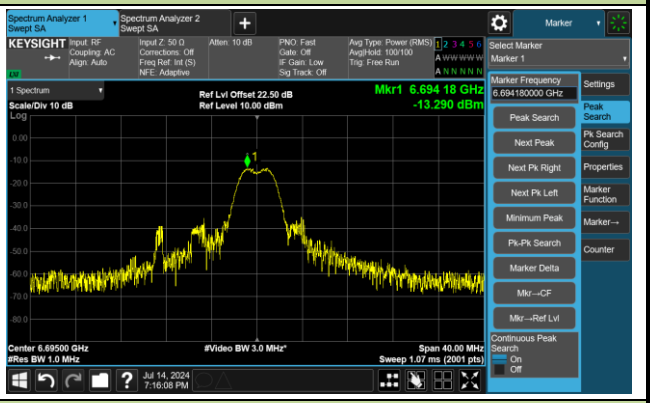
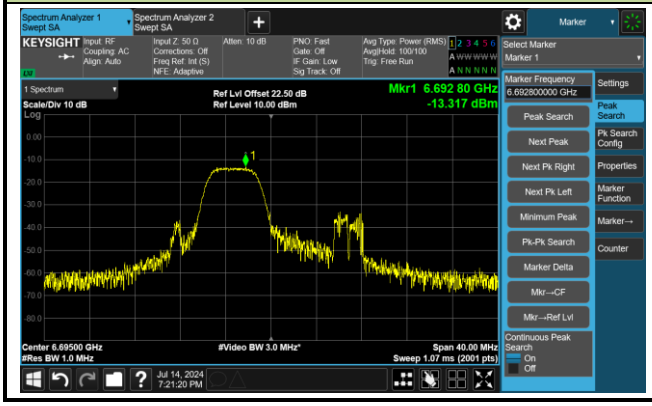
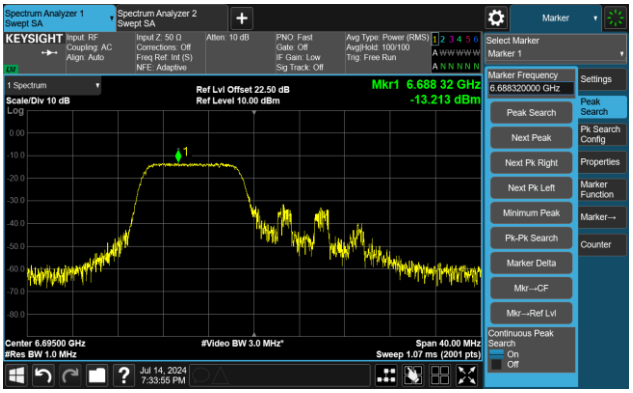
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size/ index	Ant 3 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE20	MCS0	189	6895	RU26/0	-12.980	-12.964	99.67	-2.00	≤ -1.00
				RU52/37	-12.474	-13.156	99.67	-1.83	≤ -1.00
				RU106/53	-12.780	-12.741	99.67	-1.79	≤ -1.00
		209	6995	RU26/4	-13.008	-12.946	99.67	-2.01	≤ -1.00
				RU52/38	-12.937	-12.113	99.67	-1.54	≤ -1.00
				RU106/53	-12.844	-12.060	99.67	-1.46	≤ -1.00
		233	7115	RU26/8	-14.348	-13.785	99.67	-3.09	≤ -1.00
				RU52/40	-14.196	-13.266	99.67	-2.74	≤ -1.00
				RU106/54	-14.273	-12.991	99.67	-2.61	≤ -1.00
802.11ax-HE40	MCS0	3	5965	RU242/61	-15.165	-14.876	99.71	-1.78	≤ -1.00
		51	6205	RU242/61	-16.693	-14.610	99.71	-2.29	≤ -1.00
		91	6405	RU242/62	-15.763	-13.957	99.71	-1.53	≤ -1.00
		99	6445	RU242/61	-14.280	-12.006	99.71	-2.05	≤ -1.00
		107	6485	RU242/62	-13.849	-12.220	99.71	-2.01	≤ -1.00
		115	6525	RU242/62	-13.550	-12.362	99.71	-1.97	≤ -1.00
		123	6565	RU242/61	-12.844	-12.959	99.71	-1.39	≤ -1.00
		147	6685	RU242/61	-13.275	-13.123	99.71	-1.69	≤ -1.00
		179	6845	RU242/62	-13.488	-13.656	99.71	-2.06	≤ -1.00
		187	6885	RU242/62	-13.443	-13.519	99.71	-1.97	≤ -1.00
		195	6925	RU242/61	-12.220	-12.843	99.71	-1.55	≤ -1.00
		211	7005	RU242/61	-12.678	-13.091	99.71	-1.91	≤ -1.00
		227	7085	RU242/62	-12.766	-12.945	99.71	-1.88	≤ -1.00

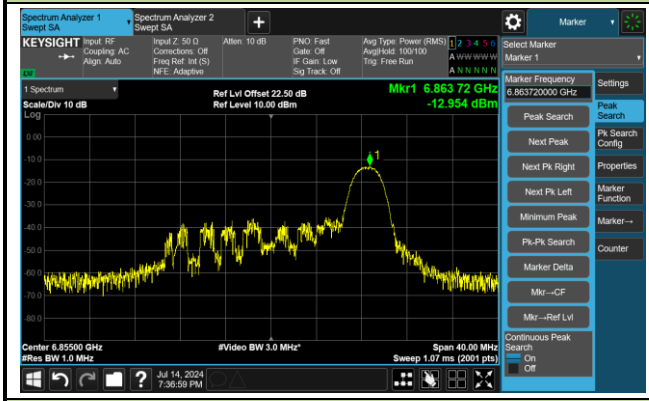
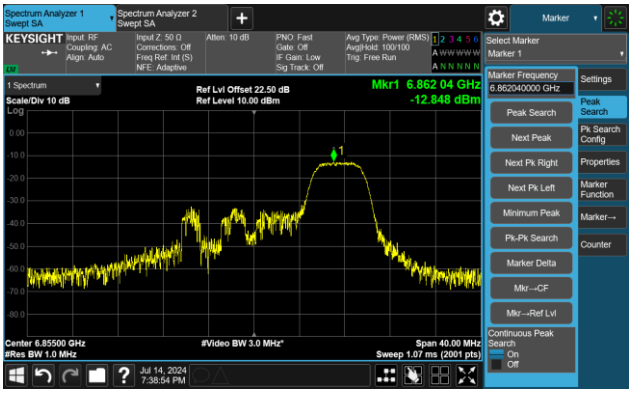
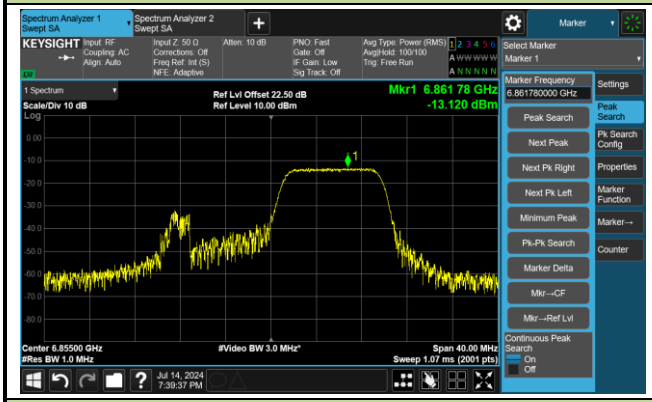
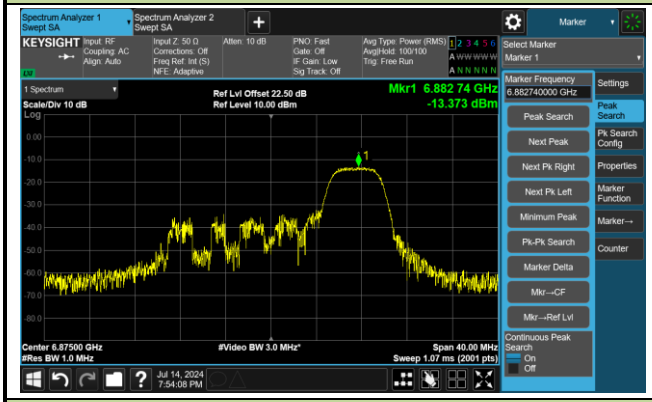
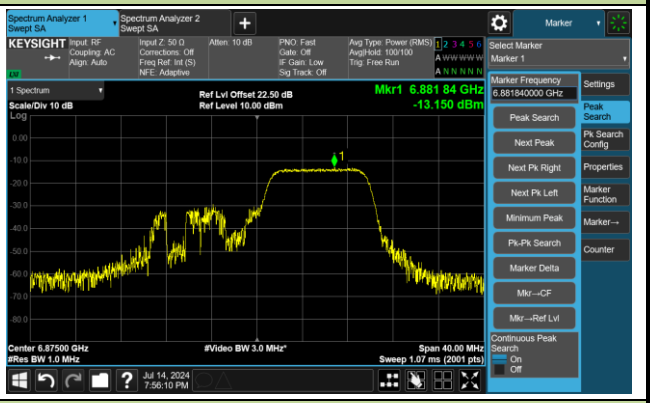
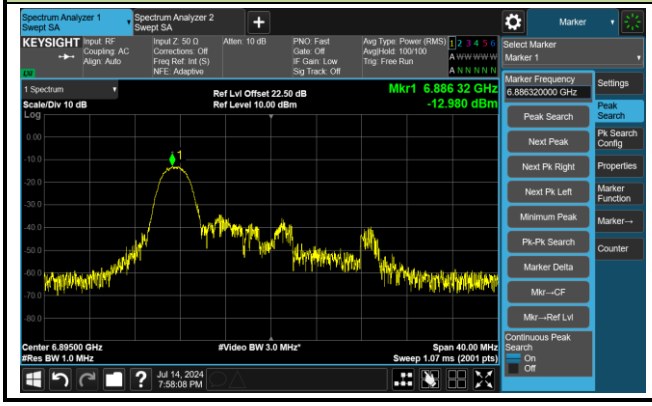
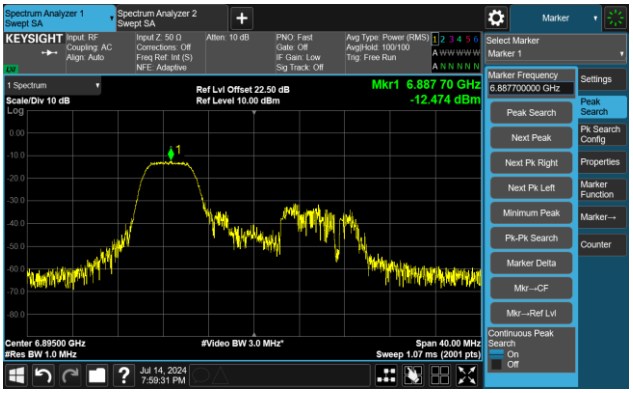
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU size/ index	Ant 3 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE80	MCS0	7	5985	RU484/65	-15.280	-15.331	99.67	-2.07	≤ -1.00
		55	6225	RU484/65	-16.440	-13.611	99.67	-1.56	≤ -1.00
		87	6385	RU484/66	-15.717	-13.438	99.67	-1.19	≤ -1.00
		103	6465	RU484/65	-13.671	-12.112	99.67	-1.87	≤ -1.00
		119	6545	RU484/66	-14.057	-12.783	99.67	-1.86	≤ -1.00
		135	6625	RU484/65	-13.441	-13.114	99.67	-1.76	≤ -1.00
		151	6705	RU484/65	-13.161	-13.195	99.67	-1.67	≤ -1.00
		167	6785	RU484/66	-13.506	-13.536	99.67	-2.01	≤ -1.00
		183	6865	RU484/66	-12.744	-14.379	99.67	-1.97	≤ -1.00
		199	6945	RU484/65	-12.731	-11.816	99.67	-1.28	≤ -1.00
		215	7025	RU484/66	-13.078	-12.819	99.67	-1.98	≤ -1.00
802.11ax-HE160	MCS0	15	6025	RU996-1	-15.207	-14.833	99.74	-1.78	≤ -1.00
		47	6185	RU996-1	-16.058	-14.884	99.74	-2.19	≤ -1.00
		79	6345	RU996-2	-16.133	-14.803	99.74	-2.18	≤ -1.00
		111	6505	RU996-1	-13.697	-12.461	99.74	-1.52	≤ -1.00
		143	6665	RU996-1	-13.605	-13.839	99.74	-2.21	≤ -1.00
		175	6825	RU996-2	-12.583	-14.243	99.74	-1.82	≤ -1.00
		207	6985	RU996-1	-12.869	-13.501	99.74	-2.20	≤ -1.00

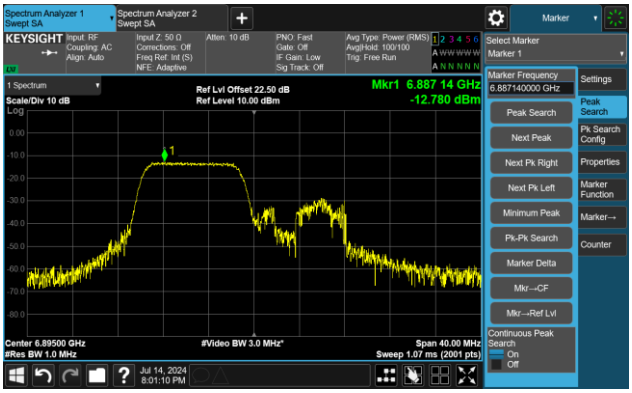
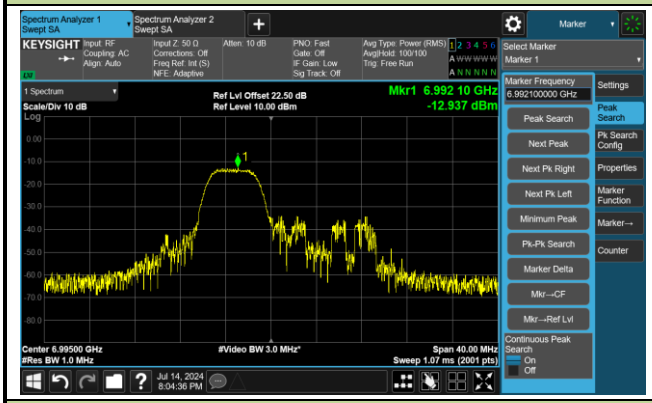
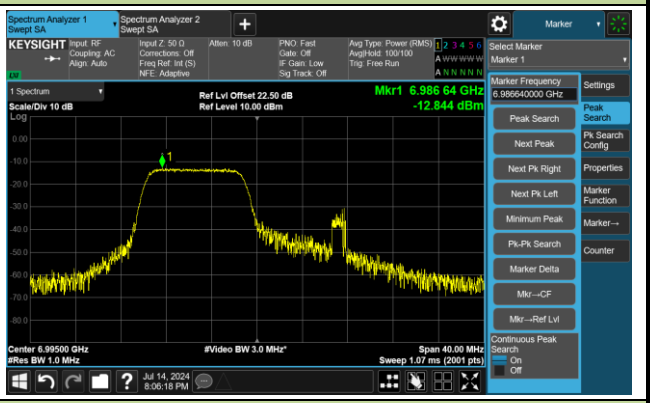
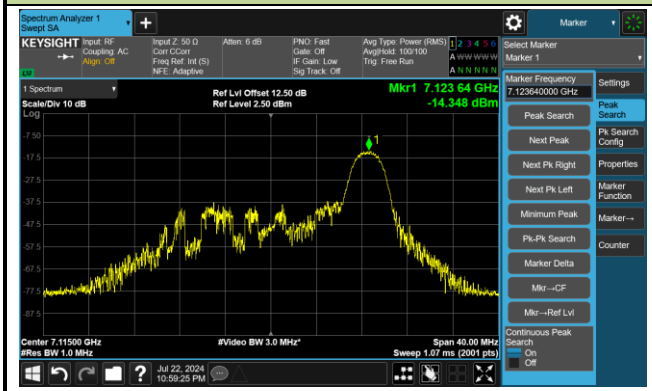
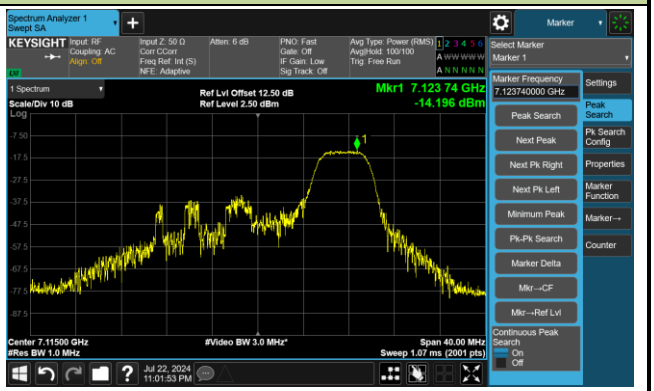
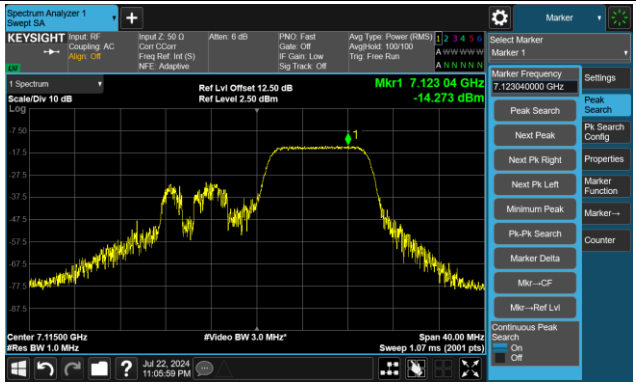
Note: When EUT duty cycle < 98%, EIRP PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 3 PSD}/10)}$ + $10^{(\text{Ant 2 PSD}/10)}$} (dBm/MHz) + 10*log (1/Duty Cycle) + Directional Gain for PSD (dBi).

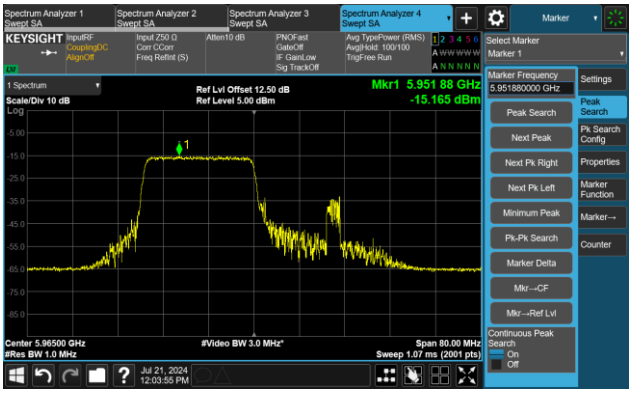
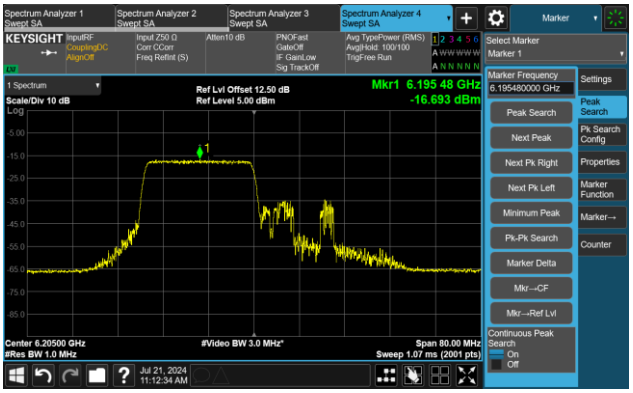
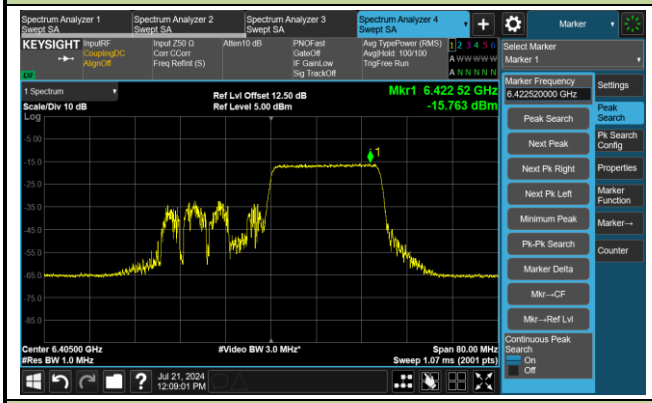
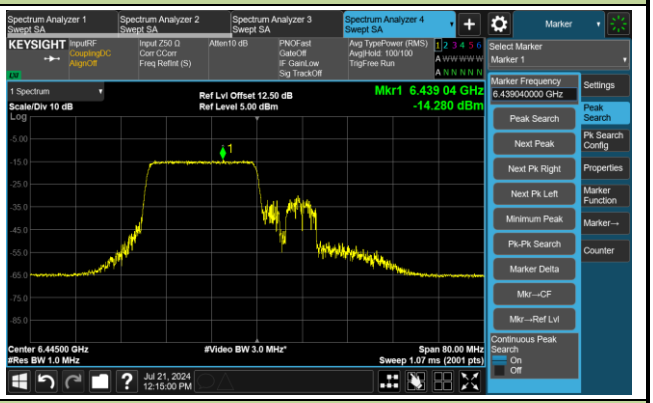
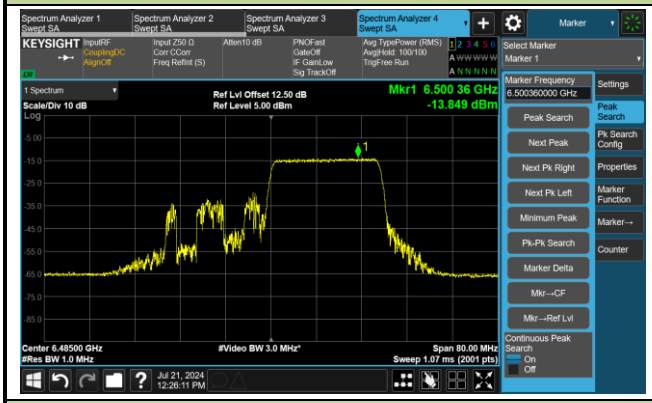
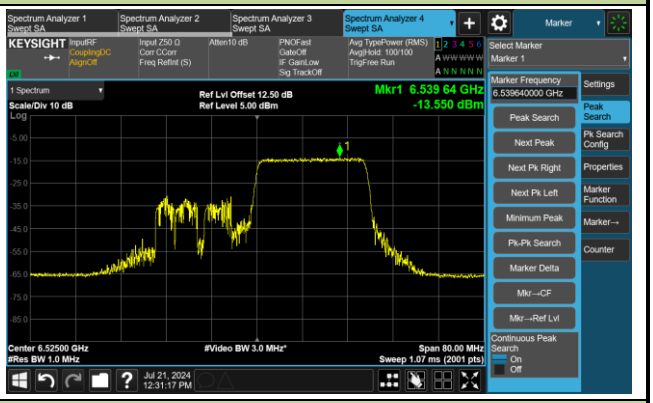
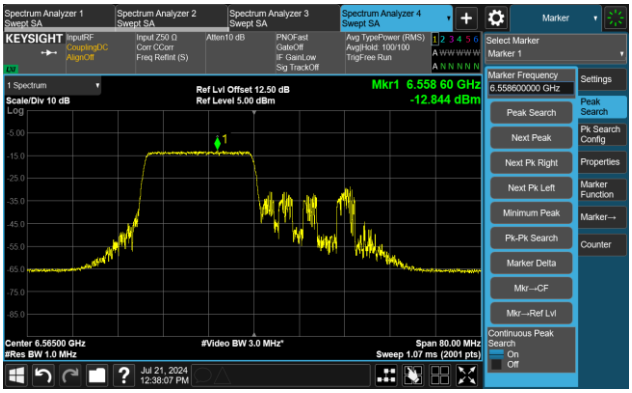
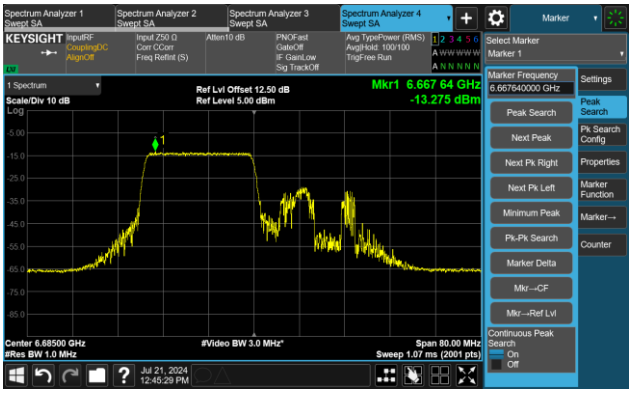
802.11ax-HE20 Power Spectral Density - Ant 3	
Channel 1 (5955MHz) RU26/0	Channel 1 (5955MHz) RU52/37
	
Channel 1 (5955MHz) RU106/53	Channel 49 (6195MHz) RU26/4
	
Channel 49 (6195MHz) RU52/38	Channel 49 (6195MHz) RU106/53
	
Channel 93 (6415MHz) RU26/8	Channel 93 (6415MHz) RU52/40
	

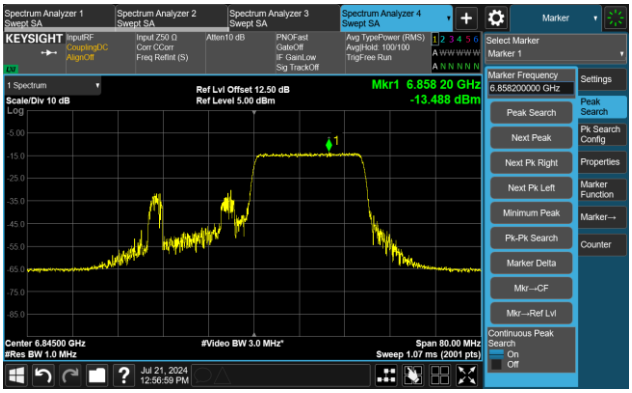
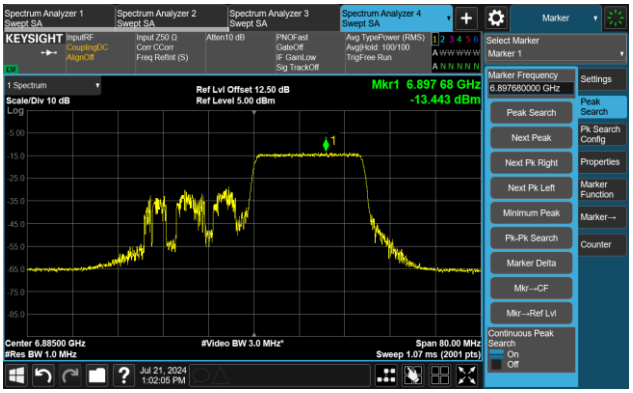
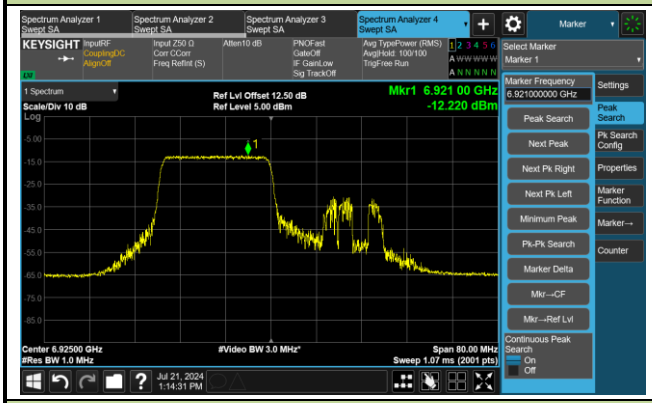
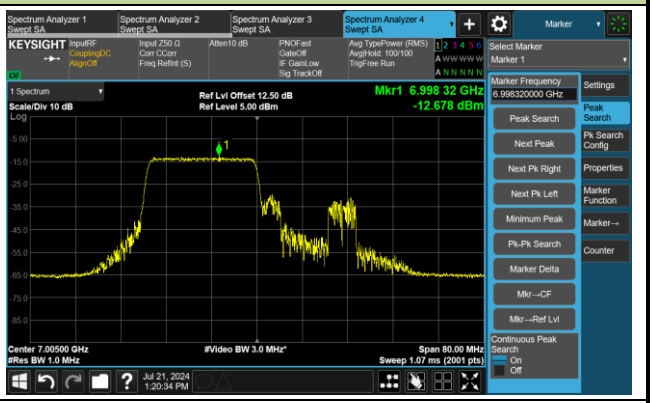
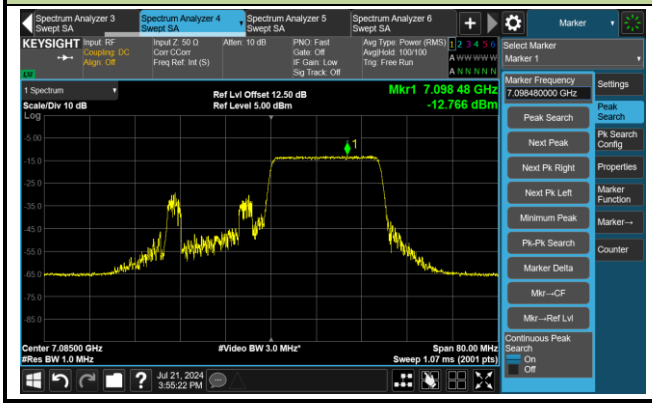
802.11ax-HE20 Power Spectral Density - Ant 3	
Channel 93 (6415MHz) RU106/54	Channel 97 (6435MHz) RU26/0
	
Channel 97 (6435MHz) RU52/37	Channel 97 (6435MHz) RU106/53
	
Channel 105 (6475MHz) RU26/4	Channel 105 (6475MHz) RU52/38
	
Channel 105 (6475MHz) RU106/53	Channel 113 (6515MHz) RU26/8
	

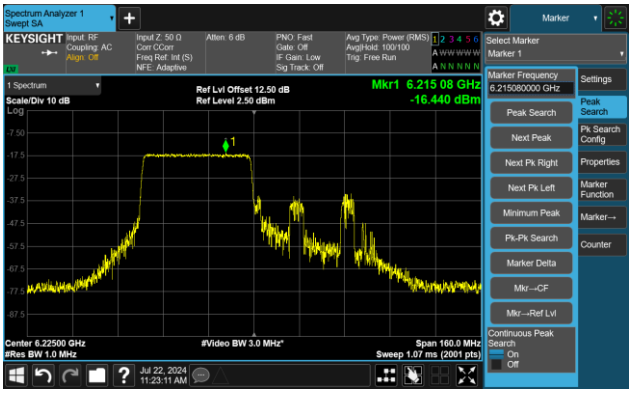
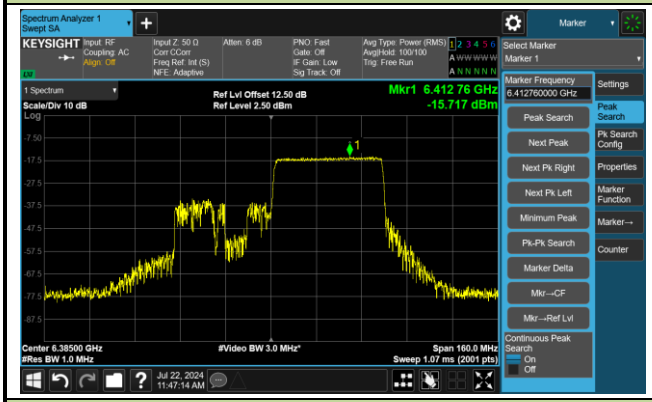
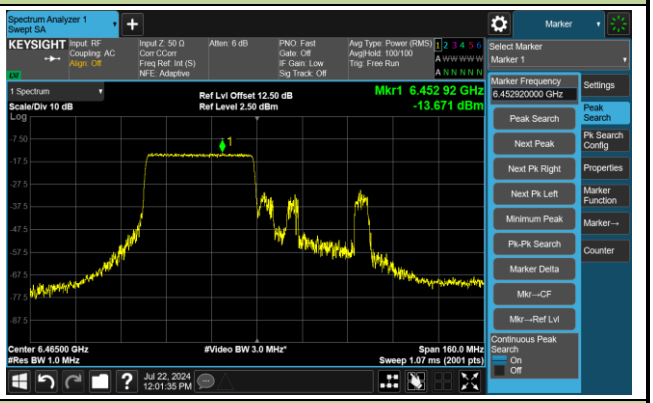
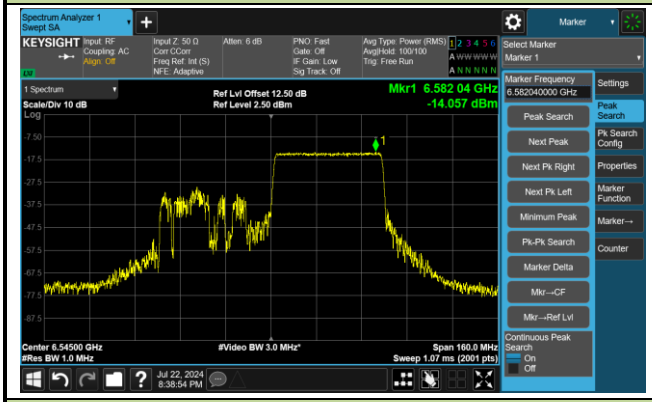
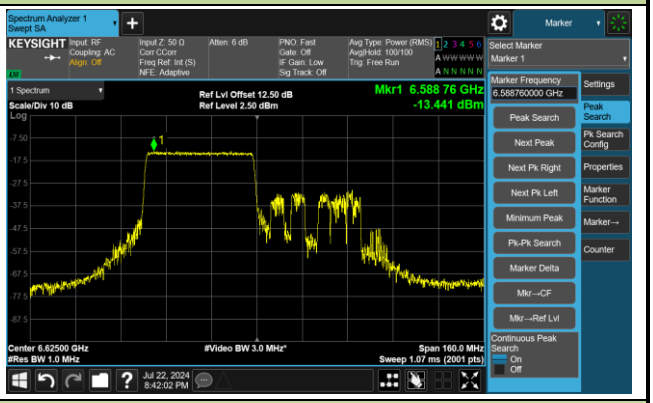
802.11ax-HE20 Power Spectral Density - Ant 3	
Channel 113 (6515MHz) RU52/40	Channel 113 (6515MHz) RU106/54
	
Channel 117 (6535MHz) RU26/0	Channel 117 (6535MHz) RU52/37
	
Channel 117 (6535MHz) RU106/53	Channel 149 (6695MHz) RU26/4
	
Channel 149 (6695MHz) RU52/38	Channel 149 (6695MHz) RU106/53
	

802.11ax-HE20 Power Spectral Density - Ant 3	
Channel 181 (6855MHz) RU26/8	Channel 181 (6855MHz) RU52/40
	
Channel 181 (6855MHz) RU106/54	Channel 185 (6875MHz) RU26/8
	
Channel 185 (6875MHz) RU52/40	Channel 185 (6875MHz) RU106/54
	
Channel 189 (6895MHz) RU26/0	Channel 189 (6895MHz) RU52/37
	

802.11ax-HE20 Power Spectral Density - Ant 3	
Channel 189 (6895MHz) RU106/53	Channel 209 (6995MHz) RU26/4
	
Channel 209 (6995MHz) RU52/38	Channel 209 (6995MHz) RU106/53
	
Channel 233 (7115MHz) RU26/8	Channel 233 (7115MHz) RU52/40
	
Channel 233 (7115MHz) RU106/54	
	

802.11ax-HE40 Power Spectral Density - Ant 3	
Channel 3 (5965MHz) RU242/61	Channel 51 (6205MHz) RU242/61
	
Channel 91 (6405MHz) RU242/62	Channel 99 (6445MHz) RU242/61
	
Channel 107 (6485MHz) RU242/62	Channel 115 (6525MHz) RU242/62
	
Channel 123 (6565MHz) RU242/61	Channel 147 (6685MHz) RU242/61
	

802.11ax-HE40 Power Spectral Density - Ant 3	
Channel 179 (6845MHz) RU242/62	Channel 187 (6885MHz) RU242/62
	
Channel 195 (6925MHz) RU242/61	Channel 211 (7005MHz) RU242/61
	
Channel 227 (7085MHz) RU242/62	
	

802.11ax-HE80 Power Spectral Density - Ant 3	
Channel 7 (5985MHz) RU484/65	Channel 55 (6225MHz) RU484/65
	
Channel 87 (6385MHz) RU484/66	Channel 103 (6465MHz) RU484/65
	
Channel 119 (6545MHz) RU484/66	Channel 135 (6625MHz) RU484/65
	
Channel 151 (6705MHz) RU484/65	Channel 167 (6785MHz) RU484/66