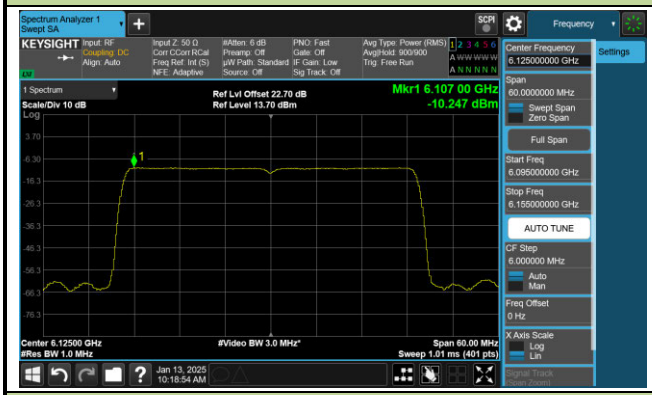
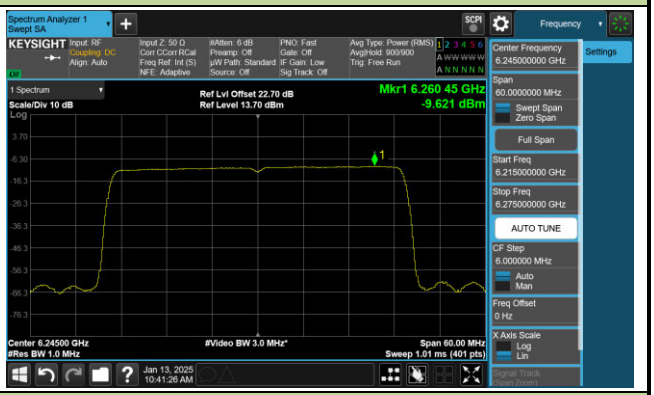
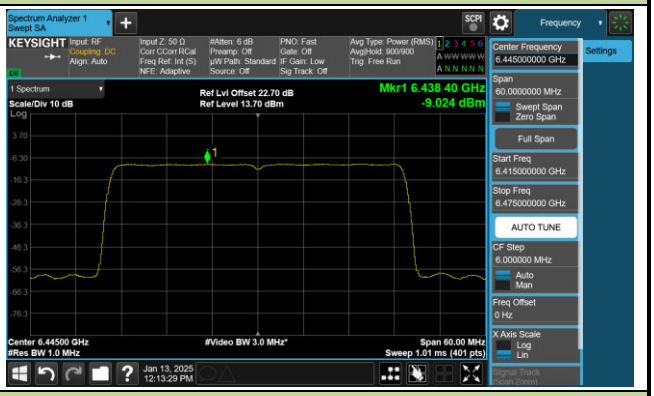
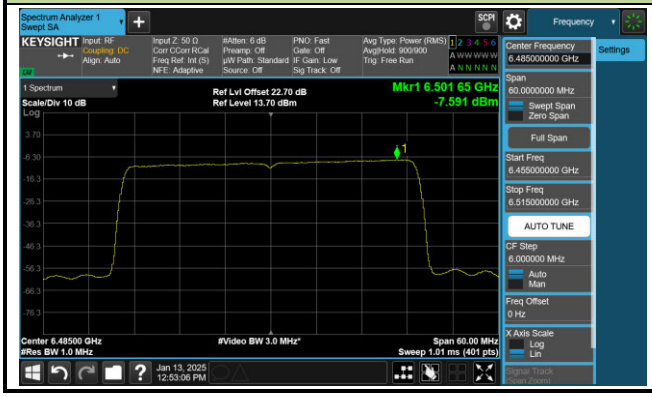
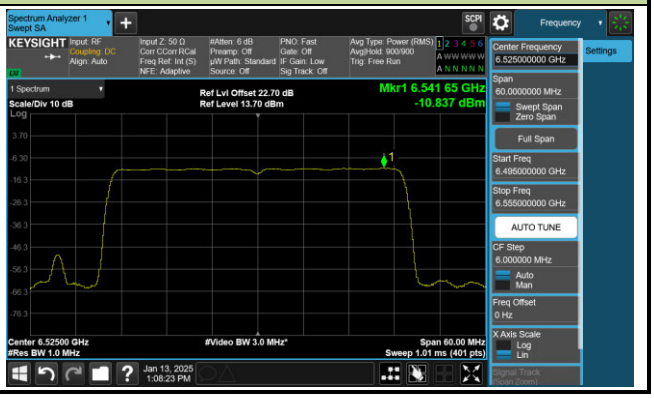
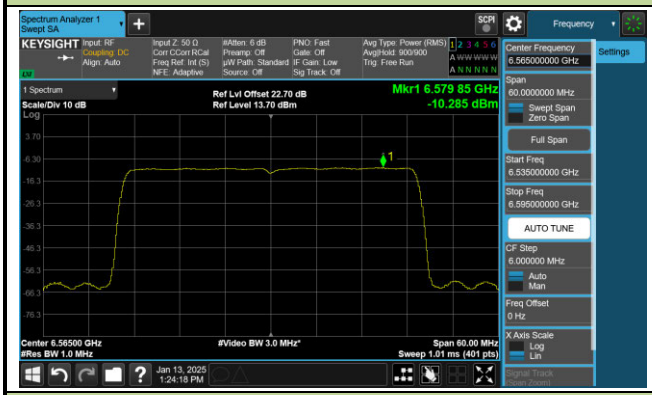
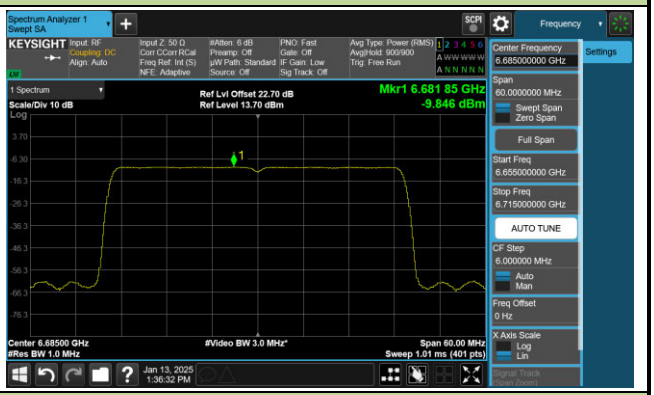
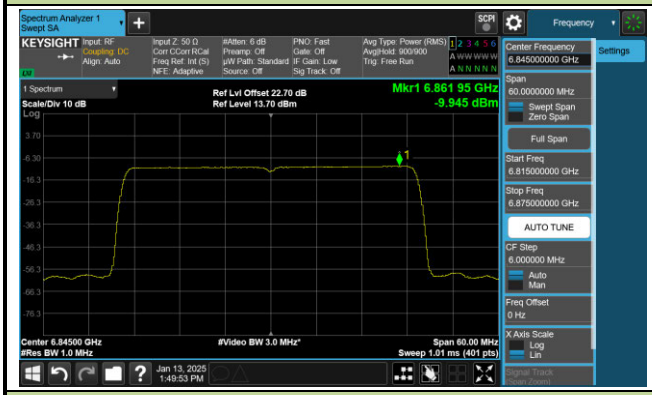
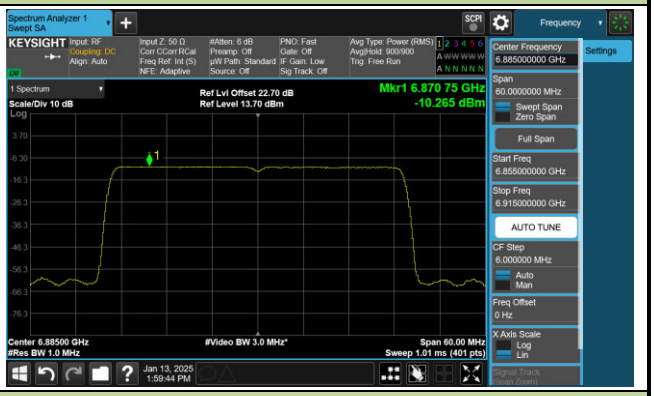
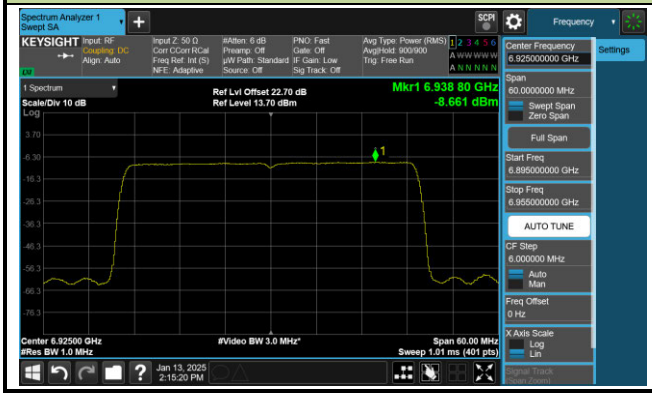
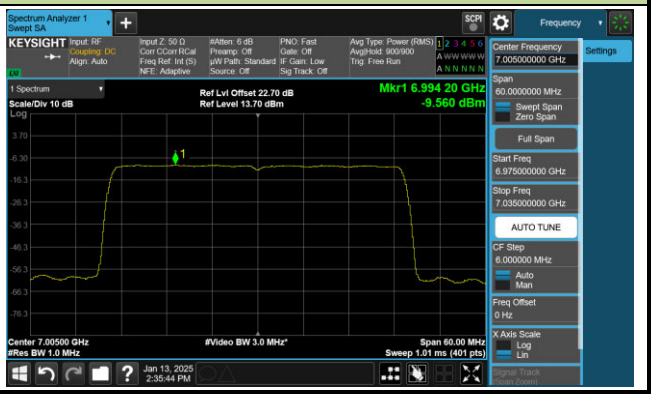
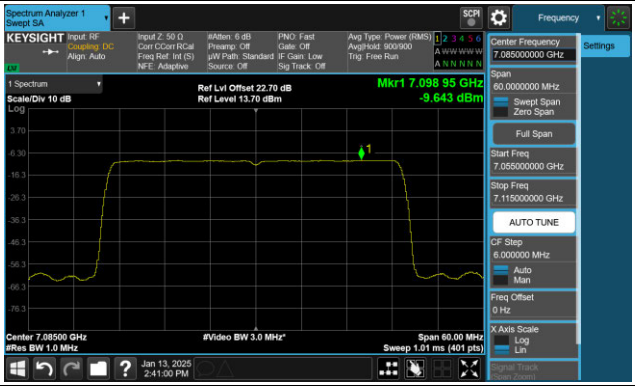
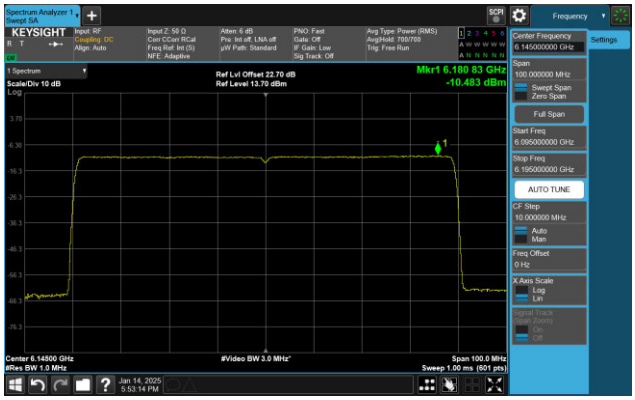
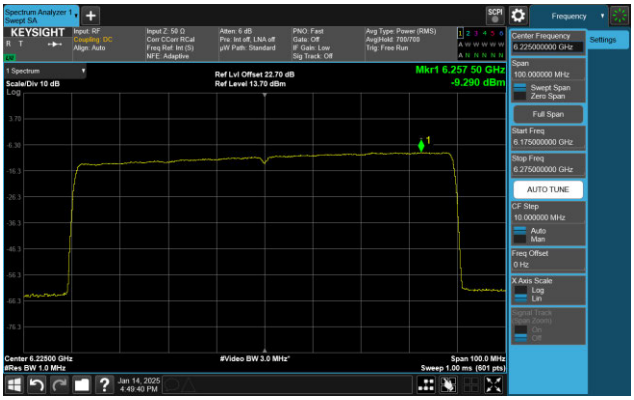
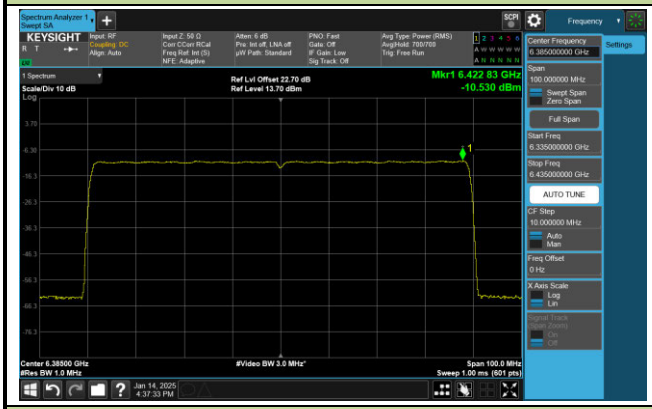
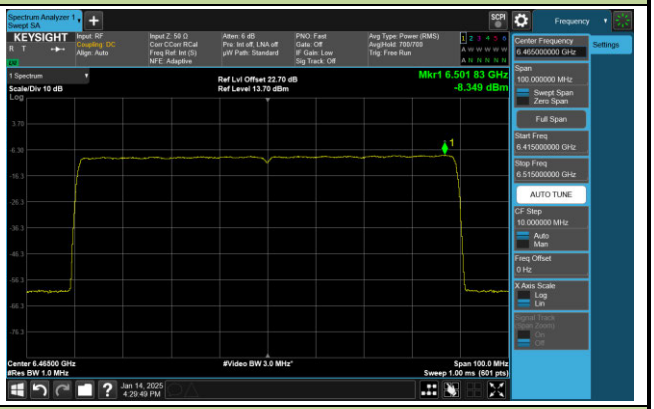
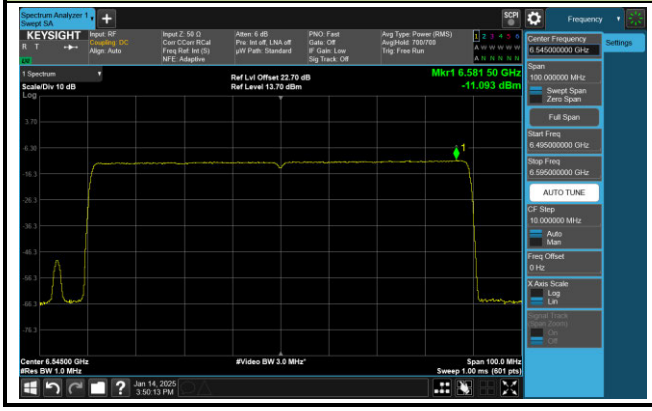
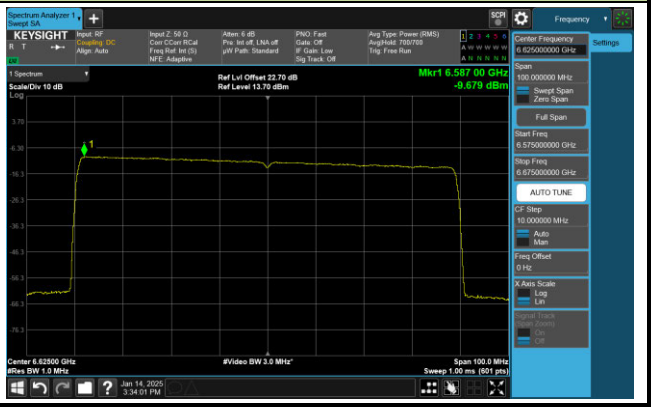
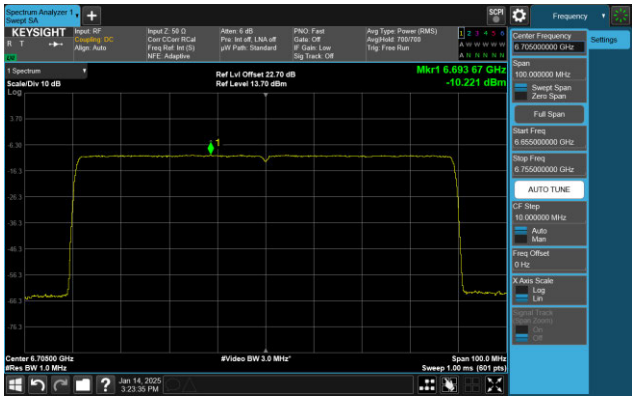
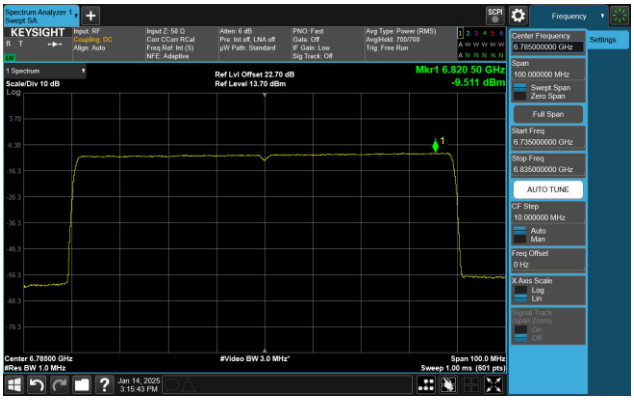
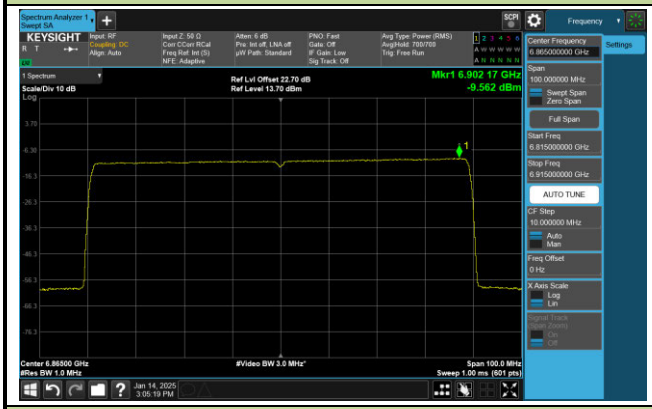
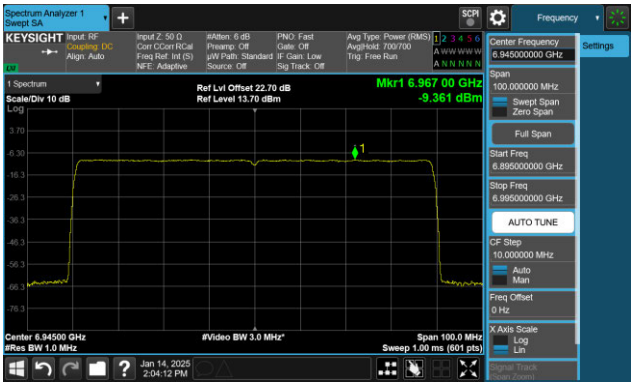
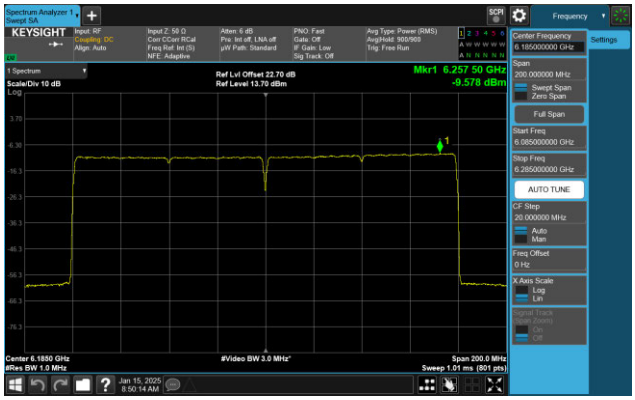
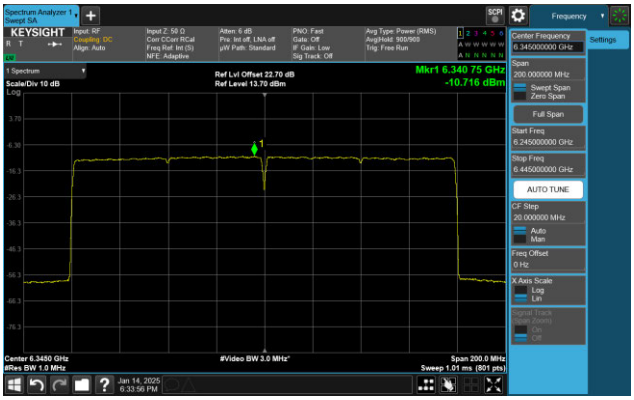
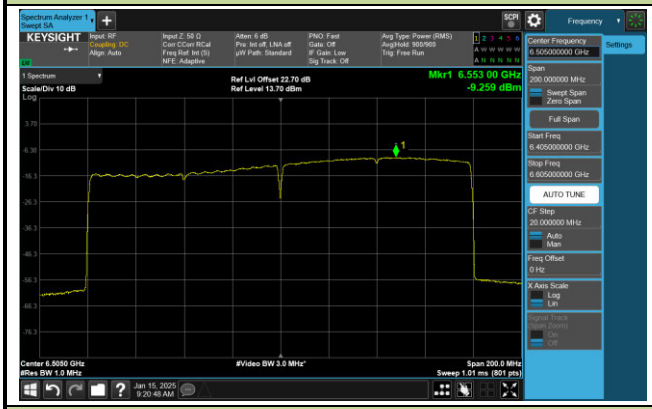
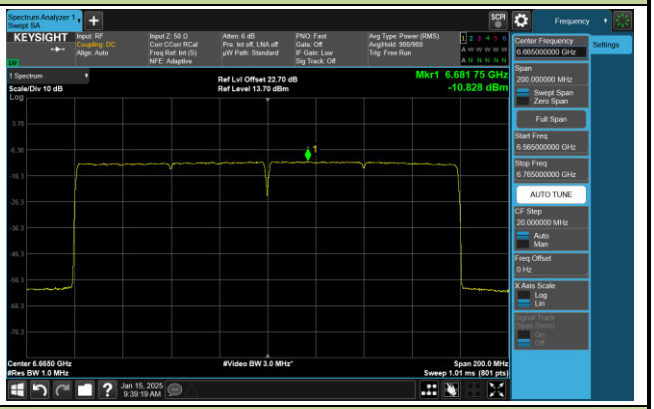
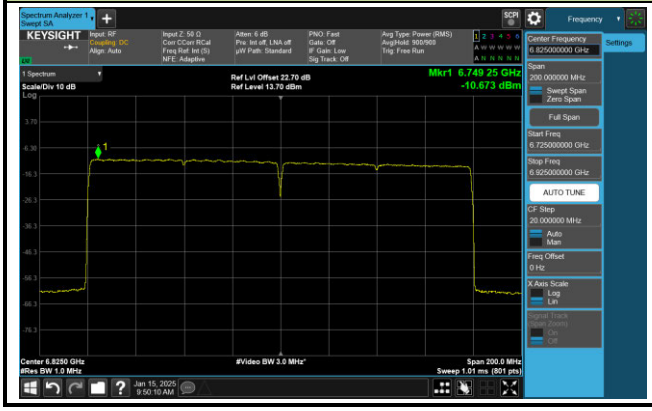
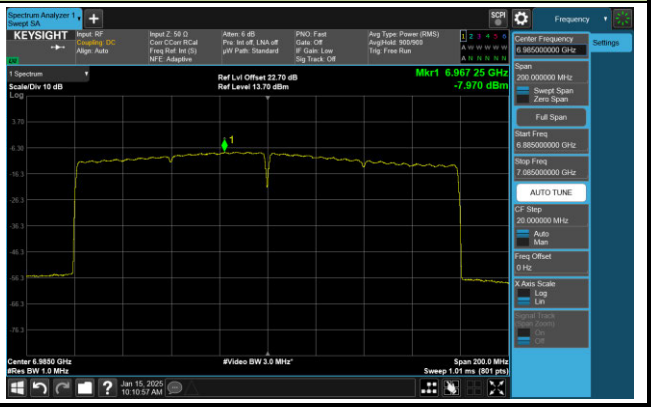
802.11be-EHT40 Power Spectral Density- Ant 2 (Nss = 1)	
Channel 35 (6125MHz)	Channel 59 (6245MHz)
	
Channel 91 (6405MHz)	Channel 99 (6445MHz)
	
Channel 107 (6485MHz)	Channel 115 (6525MHz)
	

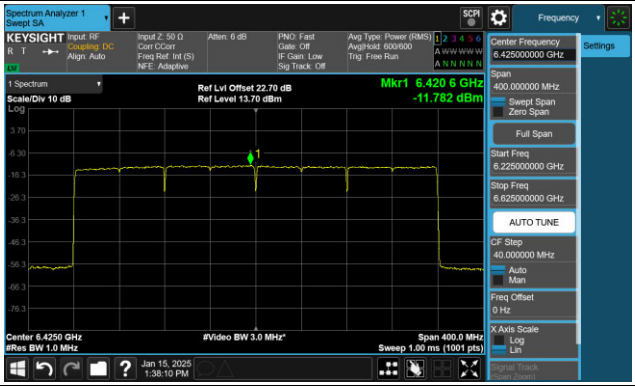
802.11be-EHT40 Power Spectral Density- Ant 2 (Nss = 1)	
Channel 123 (6565MHz)	Channel 147 (6685MHz)
	
Channel 179 (6845MHz)	Channel 187 (6885MHz)
	
Channel 195 (6925MHz)	Channel 211 (7005MHz)
	

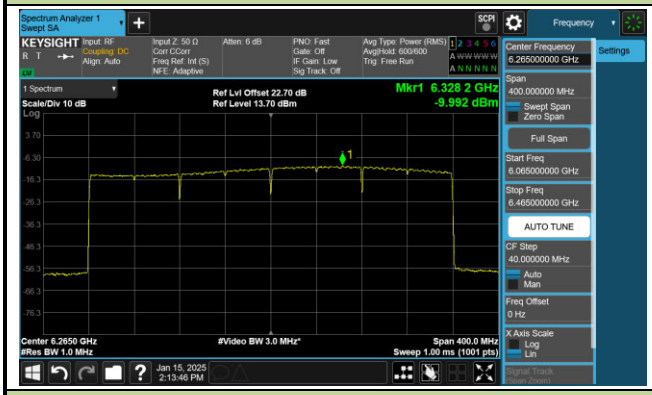
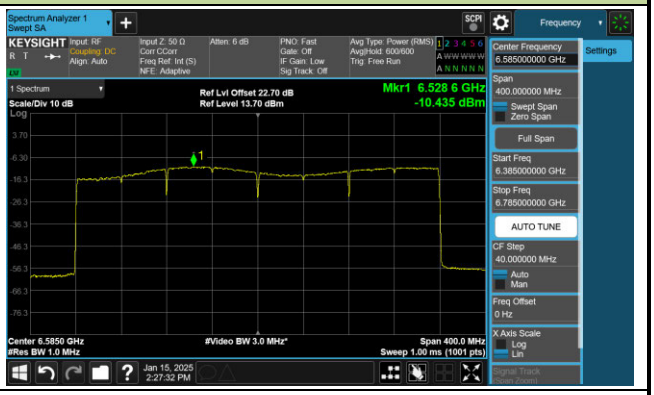
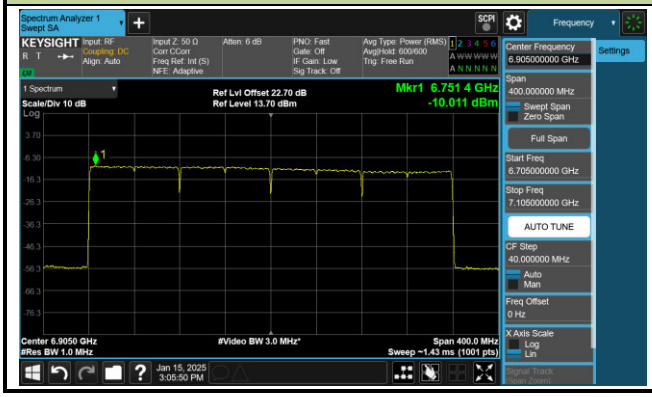
802.11be-EHT40 Power Spectral Density- Ant 2 (Nss = 1)	
Channel 227 (7085MHz)	
	

802.11be-EHT80 Power Spectral Density- Ant 2 (Nss = 1)	
Channel 39 (6145MHz)	Channel 55 (6225MHz)
	
Channel 87 (6385MHz)	Channel 103 (6465MHz)
	
Channel 119 (6545MHz)	Channel 135 (6625MHz)
	

802.11be-EHT80 Power Spectral Density- Ant 2 (Nss = 1)	
Channel 151 (6705MHz)	Channel 167 (6785MHz)
	
Channel 183 (6865MHz)	Channel 199 (6945MHz)
	
Channel 215 (7025MHz)	

802.11be-EHT160 Power Spectral Density- Ant 2 (Nss = 1)	
Channel 47 (6185MHz)	Channel 79 (6345MHz)
	
Channel 111 (6505MHz)	Channel 143 (6665MHz)
	
Channel 175 (6825MHz)	Channel 207 (6985MHz)
	

802.11be-EHT320-1 Power Spectral Density- Ant 2 (Nss = 1)	
Channel 95 (6425MHz)	Channel 159 (6745MHz)
	

802.11be-EHT320-2 Power Spectral Density- Ant 0 (Nss = 1)	
Channel 63 (6265MHz)	Channel 127 (6585MHz)
	
Channel 191 (6905MHz)	
	

Test Site	WJ-SR3	Test Engineer	Simon Lu
Test Date	2025-01-15~2025-01-18	Test Mode	Nss = 3

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/MHz)			Duty Cycle (%)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2				
802.11ax-HE20	MCS0	33	6115	-5.452	-6.545	-4.952	95.49	5.27	4.64	≤ 5.00
802.11ax-HE20	MCS0	61	6255	-5.932	-5.872	-4.927	95.49	5.27	4.69	≤ 5.00
802.11ax-HE20	MCS0	93	6415	-5.204	-5.883	-5.179	95.49	5.27	4.83	≤ 5.00
802.11ax-HE20	MCS0	97	6435	-3.897	-4.112	-3.240	95.49	3.65	4.89	≤ 5.00
802.11ax-HE20	MCS0	105	6475	-3.922	-3.472	-3.877	95.49	3.65	4.87	≤ 5.00
802.11ax-HE20	MCS0	113	6515	-3.391	-4.628	-4.075	95.49	3.65	4.62	≤ 5.00
802.11ax-HE20	MCS0	117	6535	-6.334	-6.273	-6.403	95.49	5.96	4.60	≤ 5.00
802.11ax-HE20	MCS0	149	6695	-6.586	-6.373	-5.060	95.49	5.96	4.98	≤ 5.00
802.11ax-HE20	MCS0	181	6855	-6.971	-6.642	-5.459	95.49	5.96	4.62	≤ 5.00
802.11ax-HE20	MCS0	185	6875	-6.435	-6.566	-5.829	95.49	5.96	4.67	≤ 5.00
802.11ax-HE20	MCS0	189	6895	-5.061	-5.259	-4.511	95.49	4.92	4.96	≤ 5.00
802.11ax-HE20	MCS0	209	6995	-4.591	-5.950	-5.209	95.49	4.92	4.68	≤ 5.00
802.11ax-HE20	MCS0	229	7095	-4.649	-5.822	-4.489	95.49	4.92	4.94	≤ 5.00
802.11ax-HE40	MCS0	35	6125	-5.919	-5.088	-5.711	93.15	5.27	4.79	≤ 5.00
802.11ax-HE40	MCS0	59	6245	-6.158	-5.478	-5.459	93.15	5.27	4.66	≤ 5.00
802.11ax-HE40	MCS0	91	6405	-5.834	-5.859	-5.735	93.15	5.27	4.54	≤ 5.00
802.11ax-HE40	MCS0	99	6445	-4.238	-3.925	-3.811	93.15	3.65	4.74	≤ 5.00
802.11ax-HE40	MCS0	107	6485	-5.120	-4.460	-3.142	93.15	3.65	4.57	≤ 5.00
802.11ax-HE40	MCS0	115	6525	-6.422	-5.827	-6.524	93.15	5.96	4.79	≤ 5.00
802.11ax-HE40	MCS0	123	6565	-6.565	-6.302	-5.453	93.15	5.96	4.96	≤ 5.00
802.11ax-HE40	MCS0	147	6685	-6.828	-6.201	-5.257	93.15	5.96	4.99	≤ 5.00
802.11ax-HE40	MCS0	179	6845	-6.956	-6.496	-5.407	93.15	5.96	4.80	≤ 5.00
802.11ax-HE40	MCS0	187	6885	-6.647	-6.564	-6.278	93.15	5.96	4.55	≤ 5.00
802.11ax-HE40	MCS0	195	6925	-5.468	-5.765	-4.008	93.15	4.92	4.99	≤ 5.00
802.11ax-HE40	MCS0	211	7005	-4.712	-6.225	-5.358	93.15	4.92	4.61	≤ 5.00
802.11ax-HE40	MCS0	227	7085	-4.939	-5.173	-5.494	93.15	4.92	4.80	≤ 5.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/MHz)			Duty Cycle (%)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2				
802.11ax-HE80	MCS0	39	6145	-5.574	-6.131	-4.856	93.27	5.27	4.85	≤ 5.00
802.11ax-HE80	MCS0	55	6225	-6.113	-5.183	-5.405	93.27	5.27	4.79	≤ 5.00
802.11ax-HE80	MCS0	87	6385	-5.858	-6.030	-4.847	93.27	5.27	4.80	≤ 5.00
802.11ax-HE80	MCS0	103	6465	-3.924	-3.582	-3.814	93.27	3.65	4.95	≤ 5.00
802.11ax-HE80	MCS0	119	6545	-5.995	-6.826	-5.869	93.27	5.96	4.82	≤ 5.00
802.11ax-HE80	MCS0	135	6625	-6.052	-6.691	-6.173	93.27	5.96	4.74	≤ 5.00
802.11ax-HE80	MCS0	151	6705	-6.564	-6.786	-5.448	93.27	5.96	4.81	≤ 5.00
802.11ax-HE80	MCS0	167	6785	-6.809	-6.644	-5.292	93.27	5.96	4.84	≤ 5.00
802.11ax-HE80	MCS0	183	6865	-6.707	-6.778	-5.893	93.27	5.96	4.59	≤ 5.00
802.11ax-HE80	MCS0	199	6945	-5.614	-5.345	-4.596	93.27	4.92	4.83	≤ 5.00
802.11ax-HE80	MCS0	215	7025	-4.414	-5.888	-5.624	93.27	4.92	4.73	≤ 5.00
802.11ax-HE160	MCS0	47	6185	-6.013	-5.963	-4.788	92.89	5.27	4.81	≤ 5.00
802.11ax-HE160	MCS0	79	6345	-5.926	-5.224	-6.164	92.89	5.27	4.61	≤ 5.00
802.11ax-HE160	MCS0	111	6505	-7.576	-7.188	-5.130	92.89	5.96	4.56	≤ 5.00
802.11ax-HE160	MCS0	143	6665	-6.791	-5.420	-6.917	92.89	5.96	4.73	≤ 5.00
802.11ax-HE160	MCS0	175	6825	-6.740	-8.091	-4.634	92.89	5.96	4.80	≤ 5.00
802.11ax-HE160	MCS0	207	6985	-6.126	-6.859	-3.950	92.89	4.92	4.55	≤ 5.00
802.11be-EHT20	MCS0	33	6115	-5.123	-6.285	-4.936	96.31	5.27	4.80	≤ 5.00
802.11be-EHT20	MCS0	61	6255	-5.491	-5.919	-4.673	96.31	5.27	4.87	≤ 5.00
802.11be-EHT20	MCS0	93	6415	-4.794	-5.491	-5.634	96.31	5.27	4.91	≤ 5.00
802.11be-EHT20	MCS0	97	6435	-3.138	-4.265	-3.461	96.31	3.65	4.99	≤ 5.00
802.11be-EHT20	MCS0	105	6475	-3.398	-4.028	-4.140	96.31	3.65	4.74	≤ 5.00
802.11be-EHT20	MCS0	113	6515	-3.042	-4.200	-3.908	96.31	3.65	4.90	≤ 5.00
802.11be-EHT20	MCS0	117	6535	-5.894	-6.701	-6.366	96.31	5.96	4.59	≤ 5.00
802.11be-EHT20	MCS0	149	6695	-5.838	-6.721	-5.334	96.31	5.96	4.97	≤ 5.00
802.11be-EHT20	MCS0	181	6855	-6.705	-6.269	-5.468	96.31	5.96	4.78	≤ 5.00
802.11be-EHT20	MCS0	185	6875	-6.254	-6.508	-5.809	96.31	5.96	4.71	≤ 5.00
802.11be-EHT20	MCS0	189	6895	-4.976	-5.072	-4.764	96.31	4.92	4.92	≤ 5.00
802.11be-EHT20	MCS0	209	6995	-4.608	-5.824	-5.497	96.31	4.92	4.58	≤ 5.00
802.11be-EHT20	MCS0	229	7095	-4.459	-5.670	-4.995	96.31	4.92	4.84	≤ 5.00

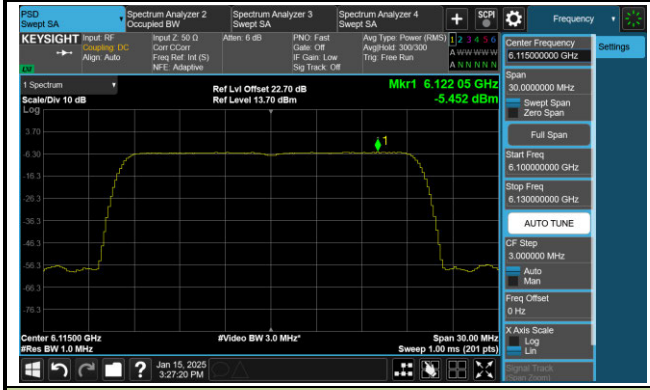
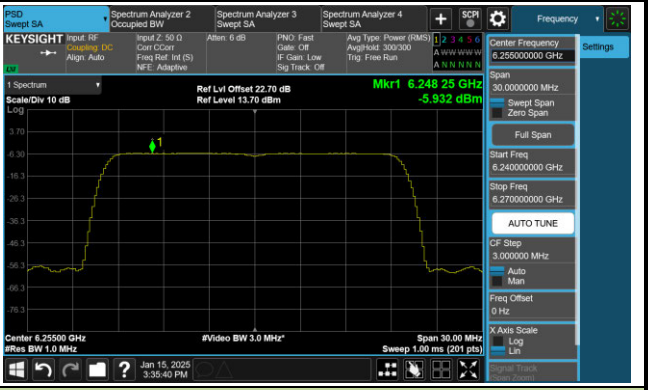
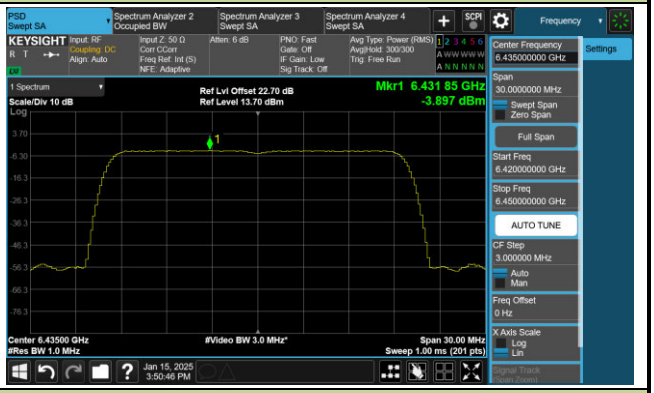
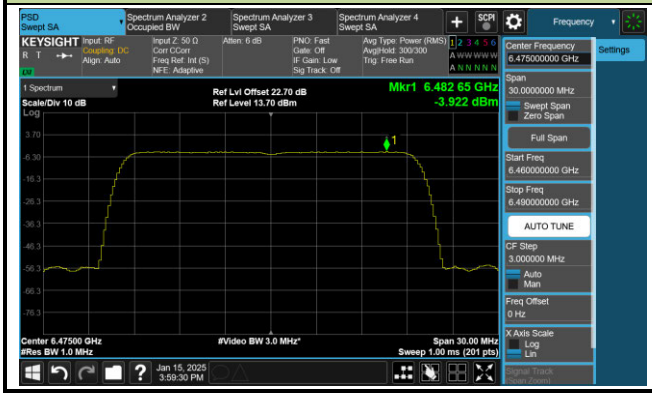
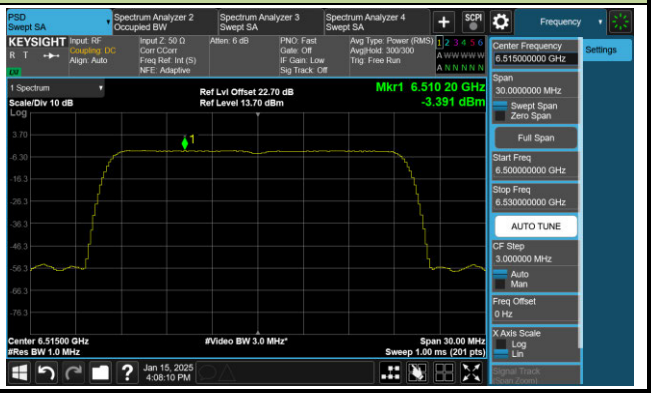
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/MHz)			Duty Cycle (%)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2				
802.11be-EHT40	MCS0	35	6125	-5.741	-5.437	-5.599	93.38	5.27	4.75	≤ 5.00
802.11be-EHT40	MCS0	59	6245	-5.755	-6.380	-4.939	93.38	5.27	4.69	≤ 5.00
802.11be-EHT40	MCS0	91	6405	-5.156	-5.787	-5.558	93.38	5.27	4.85	≤ 5.00
802.11be-EHT40	MCS0	99	6445	-3.892	-3.806	-3.609	93.38	3.65	4.95	≤ 5.00
802.11be-EHT40	MCS0	107	6485	-4.183	-3.681	-3.924	93.38	3.65	4.79	≤ 5.00
802.11be-EHT40	MCS0	115	6525	-5.900	-7.194	-6.493	93.38	5.96	4.53	≤ 5.00
802.11be-EHT40	MCS0	123	6565	-5.951	-6.453	-6.015	93.38	5.96	4.89	≤ 5.00
802.11be-EHT40	MCS0	147	6685	-6.400	-7.275	-5.205	93.38	5.96	4.82	≤ 5.00
802.11be-EHT40	MCS0	179	6845	-7.077	-6.517	-5.940	93.38	5.96	4.54	≤ 5.00
802.11be-EHT40	MCS0	187	6885	-6.104	-6.539	-5.983	93.38	5.96	4.83	≤ 5.00
802.11be-EHT40	MCS0	195	6925	-5.530	-6.104	-4.360	93.38	4.92	4.72	≤ 5.00
802.11be-EHT40	MCS0	211	7005	-4.692	-6.294	-5.275	93.38	4.92	4.62	≤ 5.00
802.11be-EHT40	MCS0	227	7085	-4.800	-5.222	-5.419	93.38	4.92	4.85	≤ 5.00
802.11be-EHT80	MCS0	39	6145	-5.437	-6.349	-4.888	93.49	5.27	4.82	≤ 5.00
802.11be-EHT80	MCS0	55	6225	-5.566	-5.289	-5.239	93.49	5.27	4.97	≤ 5.00
802.11be-EHT80	MCS0	87	6385	-5.713	-6.600	-4.957	93.49	5.27	4.63	≤ 5.00
802.11be-EHT80	MCS0	103	6465	-4.013	-3.654	-4.142	93.49	3.65	4.78	≤ 5.00
802.11be-EHT80	MCS0	119	6545	-6.031	-6.522	-5.845	93.49	5.96	4.90	≤ 5.00
802.11be-EHT80	MCS0	135	6625	-6.075	-6.206	-5.977	93.49	5.96	4.94	≤ 5.00
802.11be-EHT80	MCS0	151	6705	-6.307	-6.422	-5.496	93.49	5.96	4.97	≤ 5.00
802.11be-EHT80	MCS0	167	6785	-6.751	-6.832	-5.657	93.49	5.96	4.64	≤ 5.00
802.11be-EHT80	MCS0	183	6865	-6.762	-6.617	-5.682	93.49	5.96	4.70	≤ 5.00
802.11be-EHT80	MCS0	199	6945	-5.611	-4.967	-4.566	93.49	4.92	4.96	≤ 5.00
802.11be-EHT80	MCS0	215	7025	-4.443	-5.827	-5.453	93.49	4.92	4.78	≤ 5.00
802.11be-EHT160	MCS0	47	6185	-5.653	-5.878	-4.648	93.33	5.27	4.98	≤ 5.00
802.11be-EHT160	MCS0	79	6345	-5.461	-4.917	-5.749	93.33	5.27	4.98	≤ 5.00
802.11be-EHT160	MCS0	111	6505	-6.897	-4.765	-6.860	93.33	5.96	4.98	≤ 5.00
802.11be-EHT160	MCS0	143	6665	-6.911	-5.503	-7.037	93.33	5.96	4.60	≤ 5.00
802.11be-EHT160	MCS0	175	6825	-6.563	-5.967	-6.400	93.33	5.96	4.73	≤ 5.00
802.11be-EHT160	MCS0	207	6985	-5.981	-6.856	-3.926	93.33	4.92	4.58	≤ 5.00

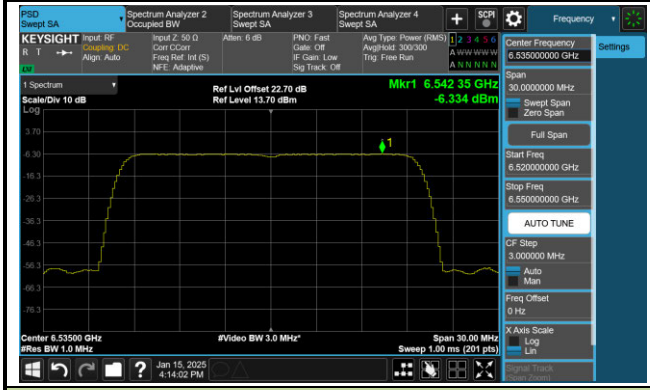
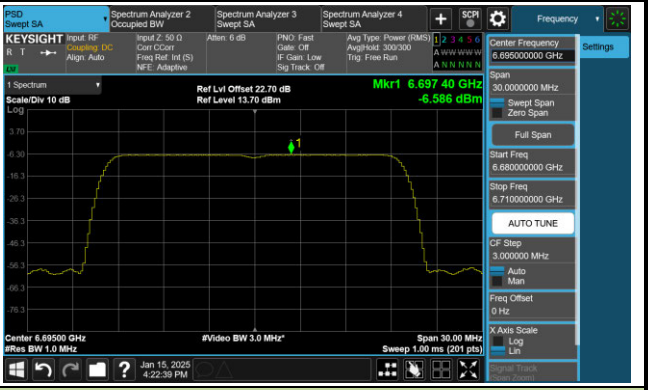
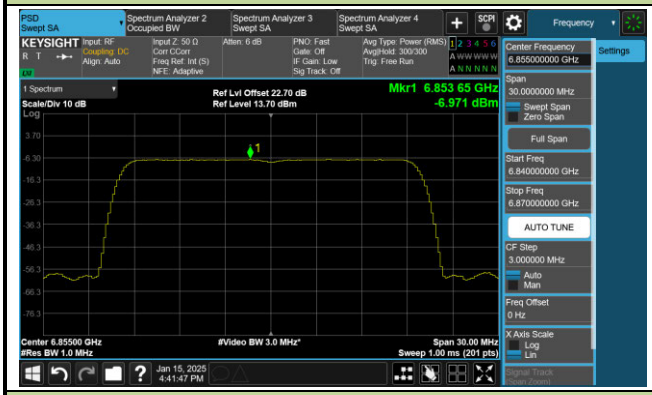
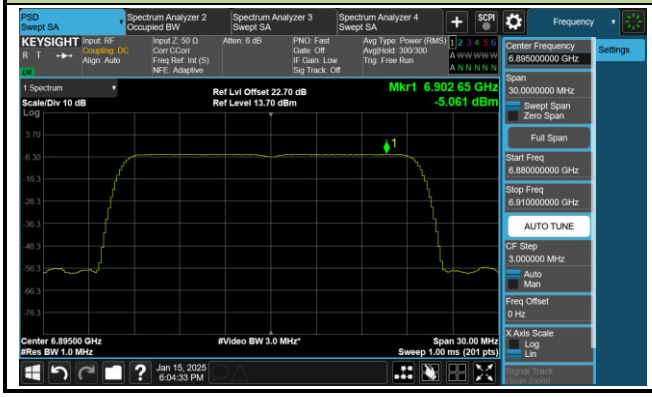
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/MHz)			Duty Cycle (%)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2				
802.11be-EHT320-1	MCS0	95	6425	-7.236	-4.483	-7.785	93.00	5.96	4.80	≤ 5.00
802.11be-EHT320-1	MCS0	159	6745	-6.654	-5.593	-7.211	93.00	5.96	4.61	≤ 5.00
802.11be-EHT320-2	MCS0	63	6265	-6.432	-5.947	-4.236	93.00	5.27	4.92	≤ 5.00
802.11be-EHT320-2	MCS0	127	6585	-7.184	-5.506	-6.604	93.00	5.96	4.67	≤ 5.00
802.11be-EHT320-2	MCS0	191	6905	-7.269	-7.945	-4.125	93.00	5.96	4.94	≤ 5.00

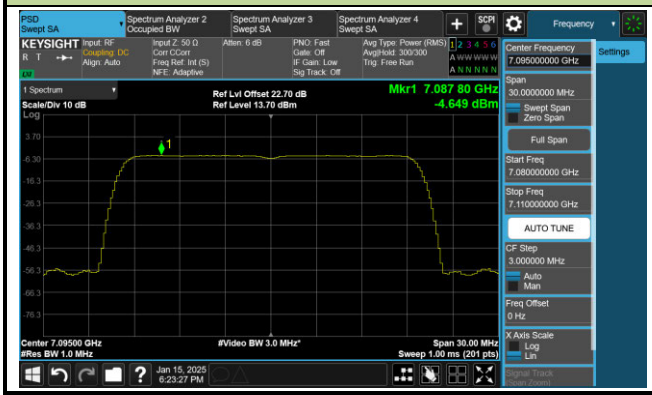
Note:

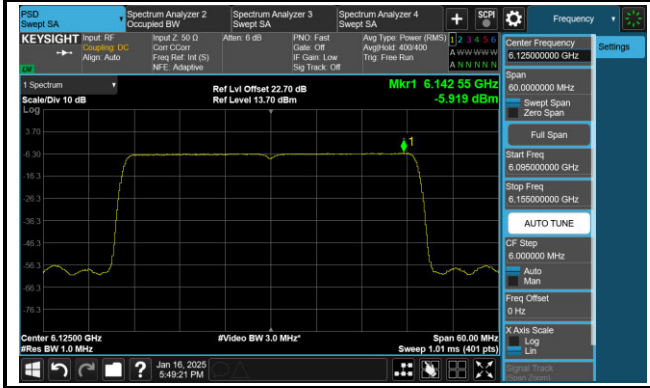
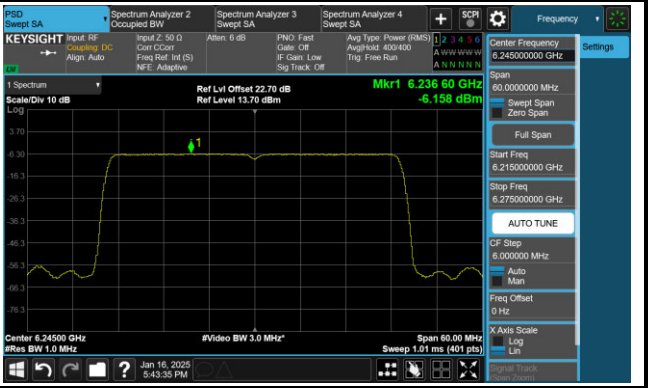
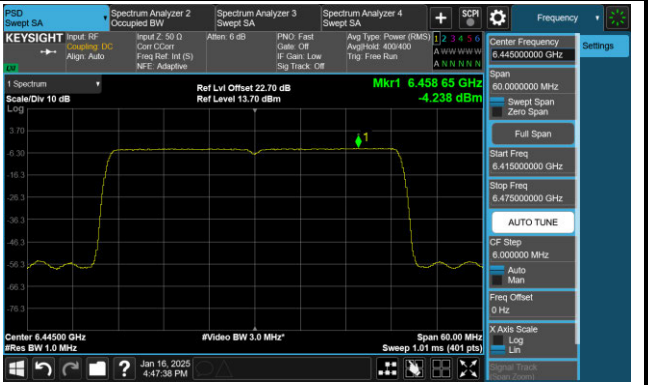
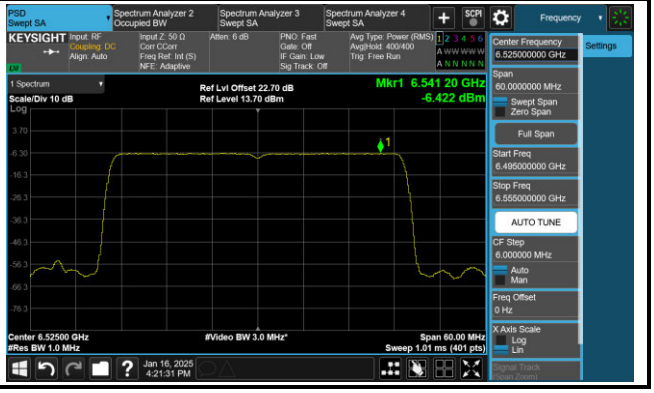
When EUT duty cycle < 98%, EIRP PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$ + $10^{(\text{Ant 1 PSD}/10)}$ + $10^{(\text{Ant 2 PSD}/10)}$} (dBm/MHz) + 10*log (1/Duty Cycle) + Antenna Gain (dBi).

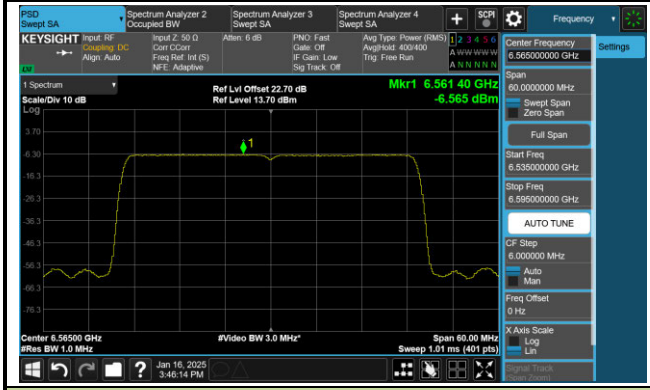
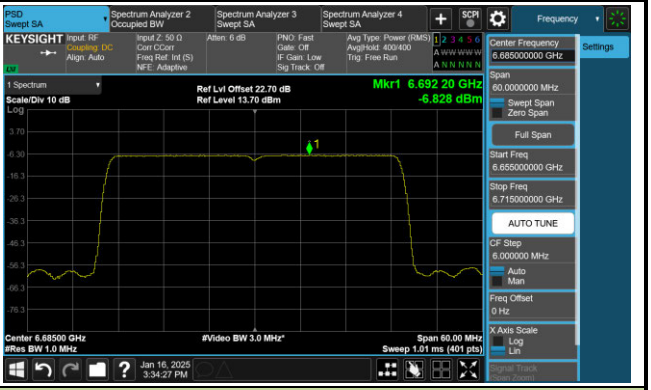
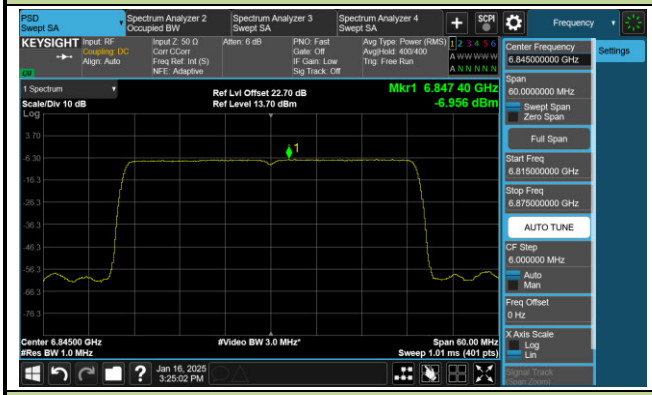
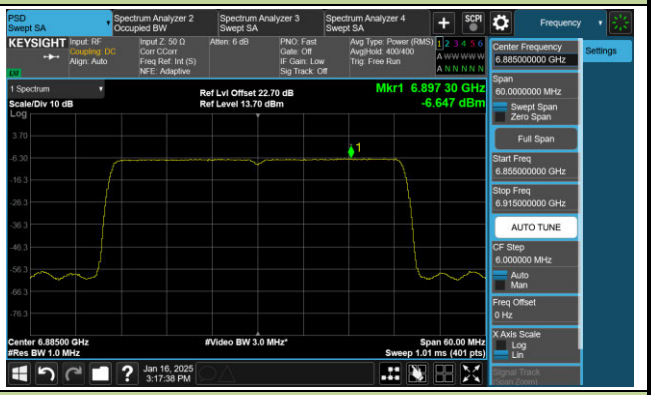
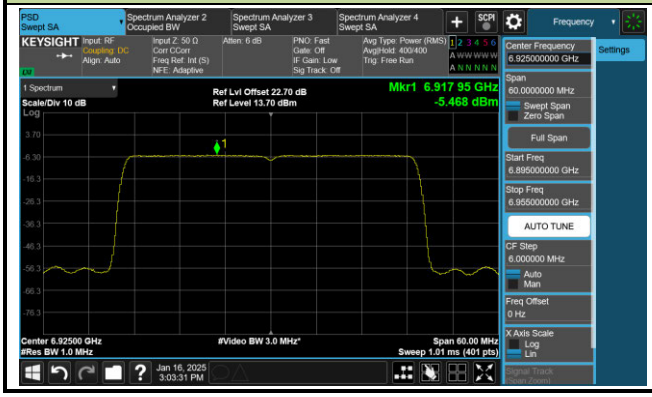
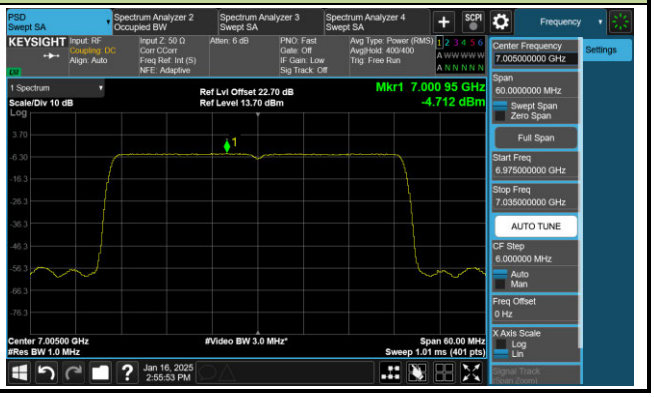
When EUT duty cycle ≥ 98%, EIRP PSD (dBm/MHz) = 10*log {$10^{(\text{Ant 0 PSD}/10)}$ + $10^{(\text{Ant 1 PSD}/10)}$ + $10^{(\text{Ant 2 PSD}/10)}$} (dBm/MHz) + Antenna Gain (dBi).

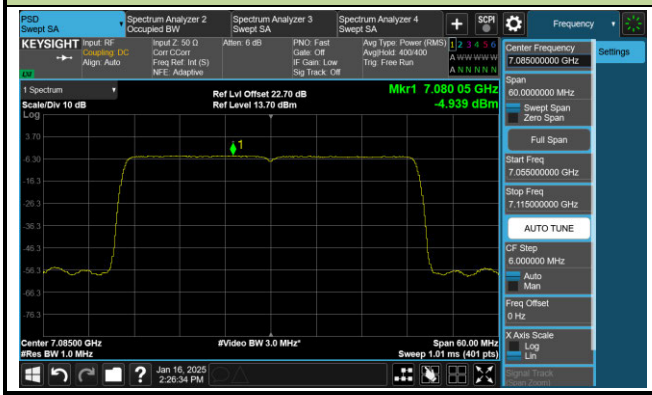
802.11ax-HE20 Power Spectral Density- Ant 0 (Nss = 3)	
Channel 33 (6115MHz)	Channel 61 (6255MHz)
	
Channel 93 (6415MHz)	Channel 97 (6435MHz)
	
Channel 105 (6475MHz)	Channel 113 (6515MHz)
	

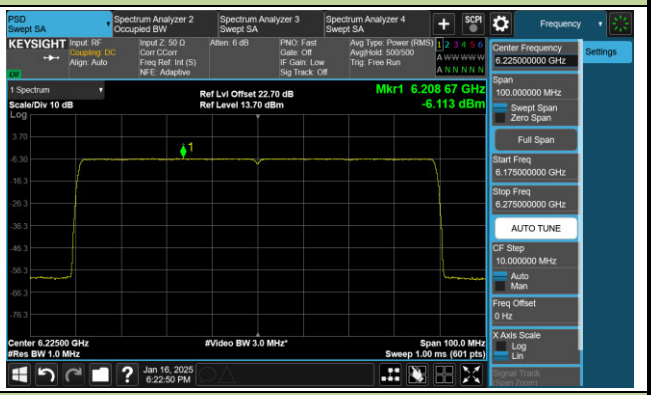
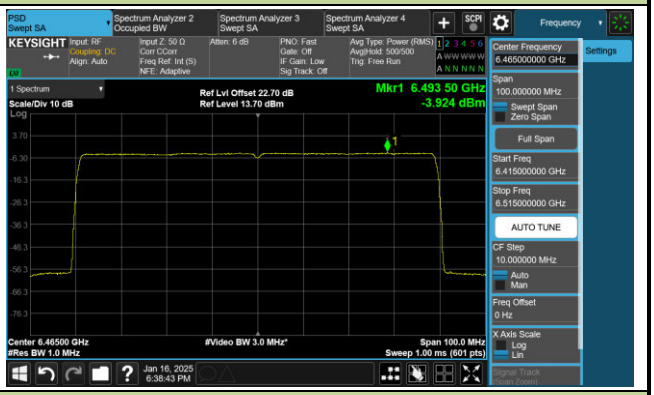
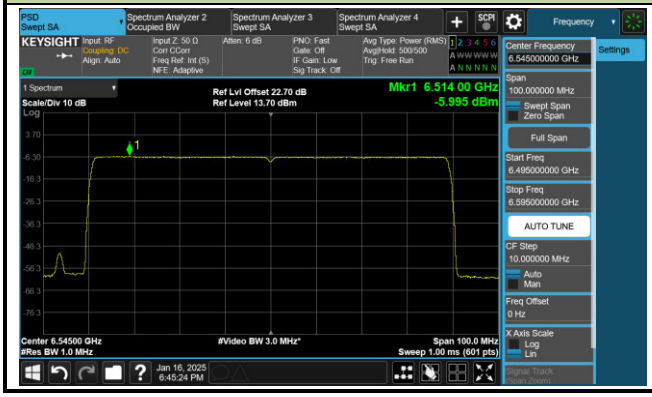
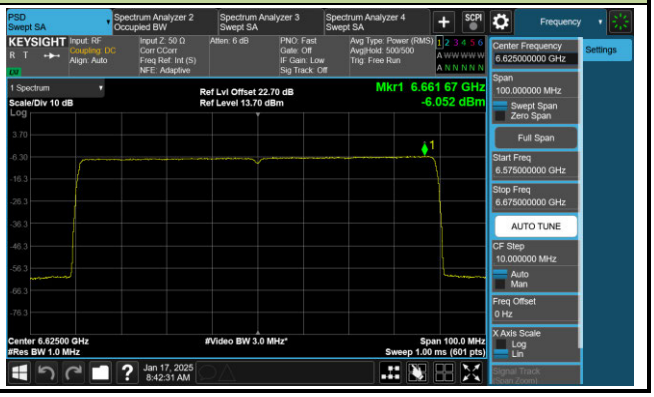
802.11ax-HE20 Power Spectral Density- Ant 0 (Nss = 3)	
Channel 117 (6535MHz)	Channel 149 (6695MHz)
	
Channel 181 (6855MHz)	Channel 185 (6875MHz)
	
Channel 189 (6895MHz)	Channel 209 (6995MHz)
	

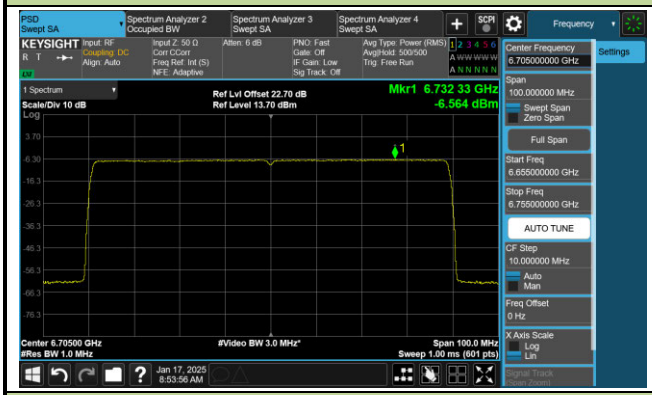
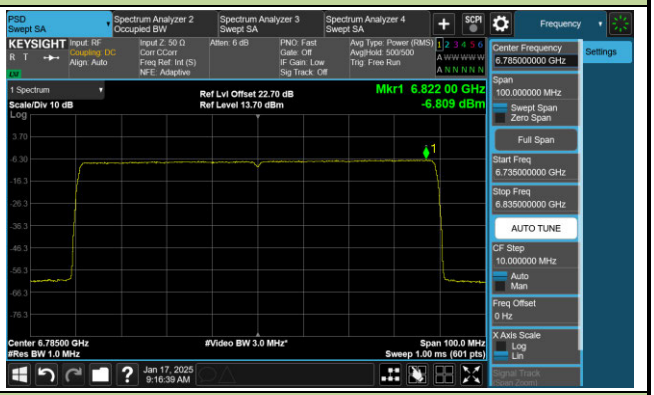
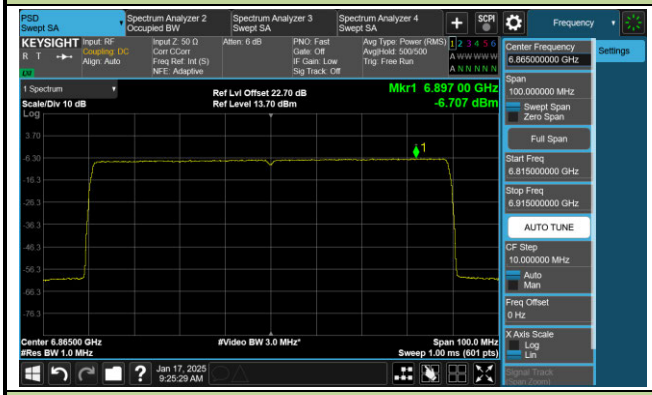
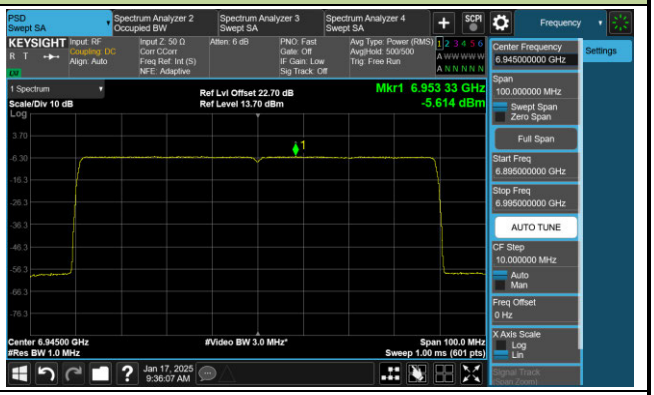
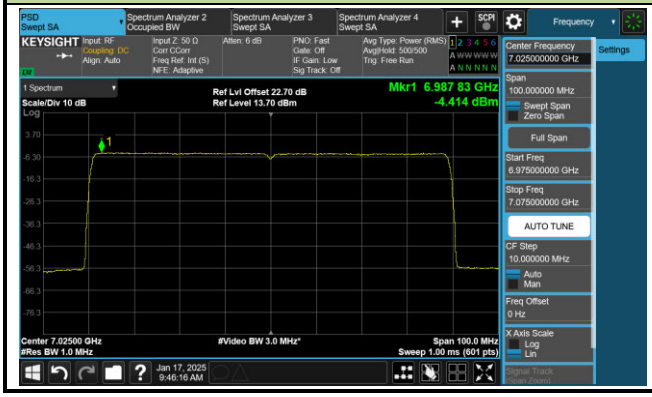
Channel 229 (7095MHz)	
	

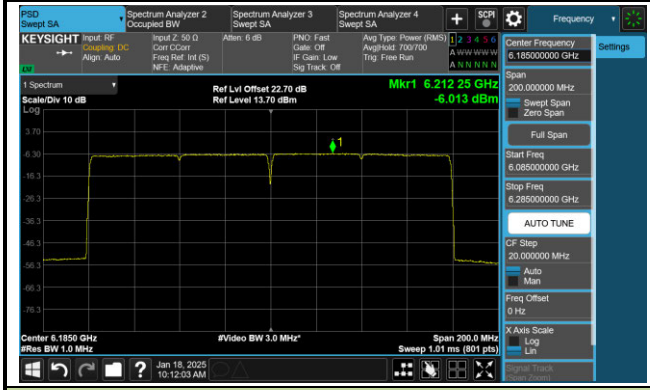
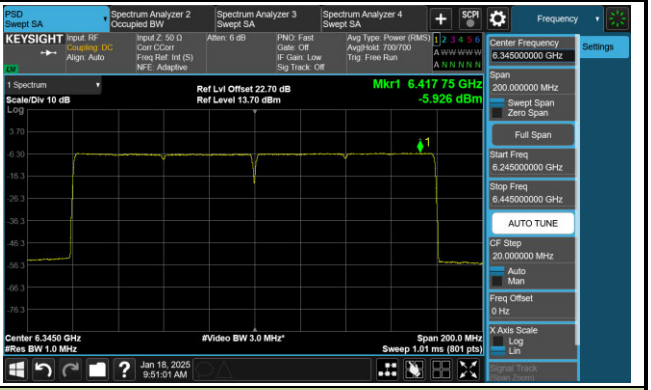
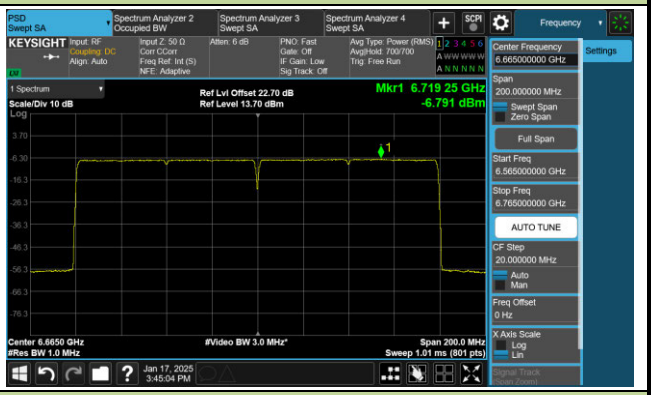
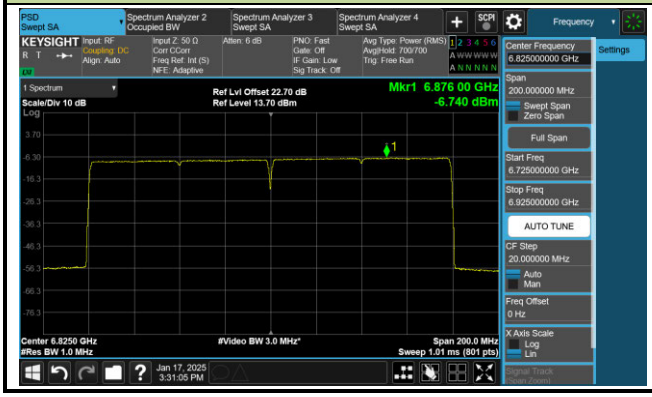
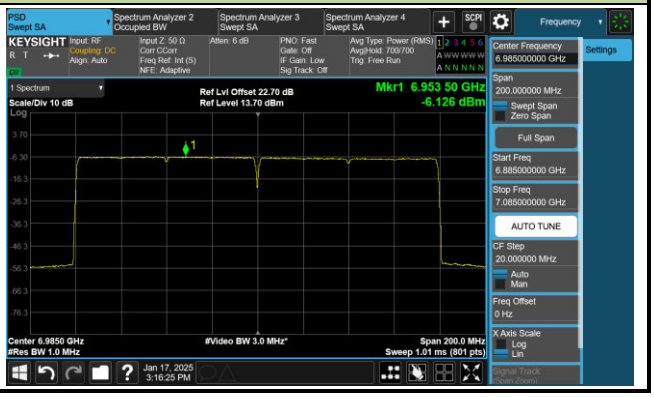
802.11ax-HE40 Power Spectral Density- Ant 0 (Nss = 3)	
Channel 35 (6125MHz)	Channel 59 (6245MHz)
	
Channel 91 (6405MHz)	Channel 99 (6445MHz)
	
Channel 107 (6485MHz)	Channel 115 (6525MHz)
	

802.11ax-HE40 Power Spectral Density- Ant 0 (Nss = 3)	
Channel 123 (6565MHz)	Channel 147 (6685MHz)
	
Channel 179 (6845MHz)	Channel 187 (6885MHz)
	
Channel 195 (6925MHz)	Channel 211 (7005MHz)
	

802.11ax-HE40 Power Spectral Density- Ant 0 (Nss = 3)	
Channel 227 (7085MHz)	
	

802.11ax-HE80 Power Spectral Density- Ant 0 (Nss = 3)	
Channel 39 (6145MHz)	Channel 55 (6225MHz)
	
Channel 87 (6385MHz)	Channel 103 (6465MHz)
	
Channel 119 (6545MHz)	Channel 135 (6625MHz)
	

802.11ax-HE80 Power Spectral Density- Ant 0 (Nss = 3)	
Channel 151 (6705MHz)	Channel 167 (6785MHz)
	
Channel 183 (6865MHz)	Channel 199 (6945MHz)
	
Channel 215 (7025MHz)	
	

802.11ax-HE160 Power Spectral Density- Ant 0 (Nss = 3)	
Channel 47 (6185MHz)	Channel 79 (6345MHz)
	
Channel 111 (6505MHz)	Channel 143 (6665MHz)
	
Channel 175 (6825MHz)	Channel 207 (6985MHz)