

802.11be-EHT40 Power Spectral Density - Ant 3 (Nss = 4)

Channel 35 (6125MHz)



Channel 59 (6245MHz)



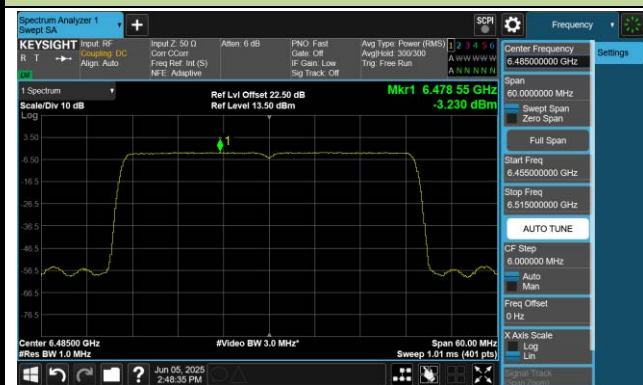
Channel 91 (6405MHz)



Channel 99 (6445MHz)



Channel 107 (6485MHz)



Channel 115 (6525MHz)



Channel 123 (6565MHz)



Channel 147 (6685MHz)



802.11be-EHT40 Power Spectral Density - Ant 3 (Nss = 4)

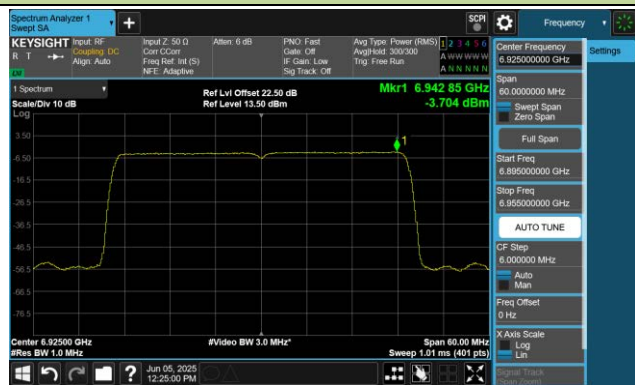
Channel 179 (6845MHz)



Channel 187 (6885MHz)



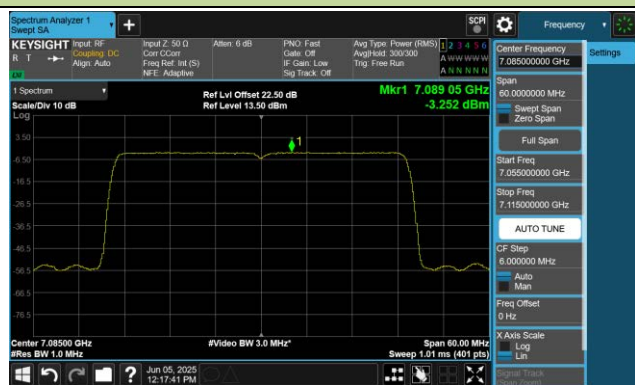
Channel 195 (6925MHz)



Channel 211 (7005MHz)



Channel 227 (7085MHz)



802.11be-EHT80 Power Spectral Density - Ant 3 (Nss = 4)

Channel 39 (6145MHz)



Channel 55 (6225MHz)



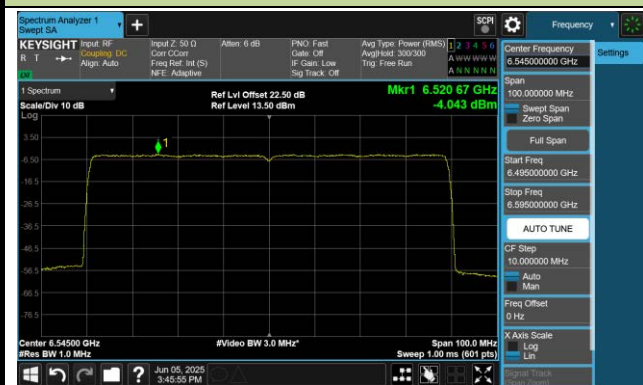
Channel 87 (6385MHz)



Channel 103 (6465MHz)



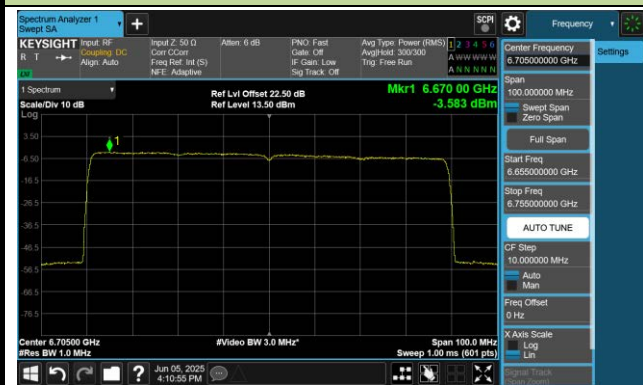
Channel 119 (6545MHz)



Channel 135 (6625MHz)



Channel 151 (6705MHz)

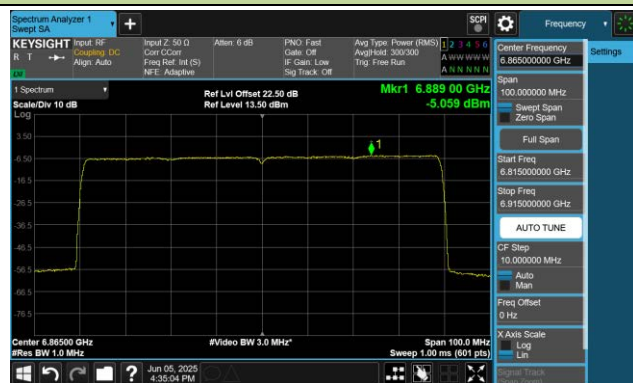


Channel 167 (6785MHz)



802.11be-EHT80 Power Spectral Density - Ant 3 (Nss = 4)

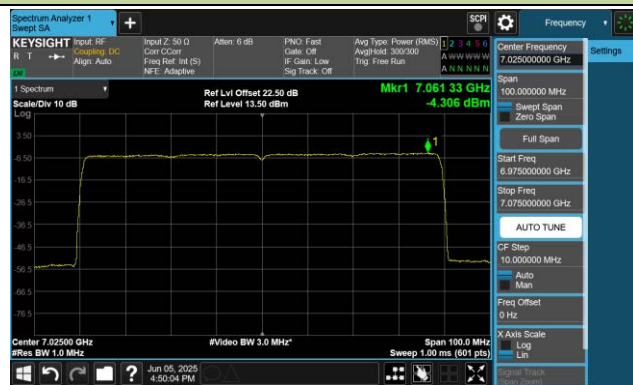
Channel 183 (6865MHz)



Channel 199 (6945MHz)

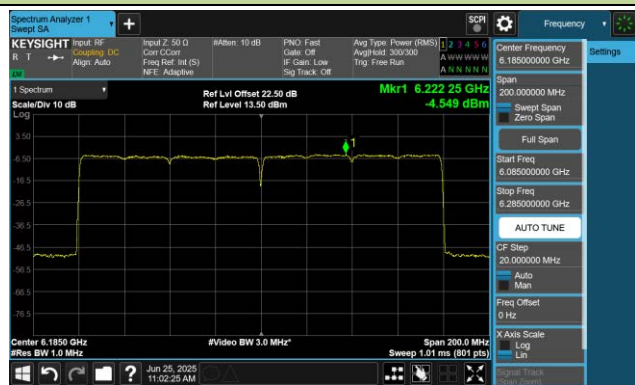


Channel 215 (7025MHz)

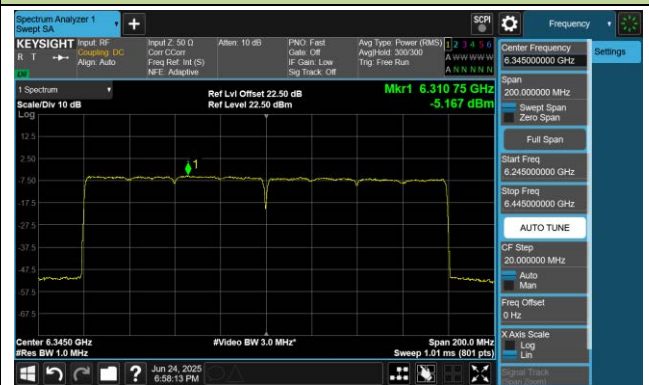


802.11be-EHT160 Power Spectral Density - Ant 3 (Nss = 4)

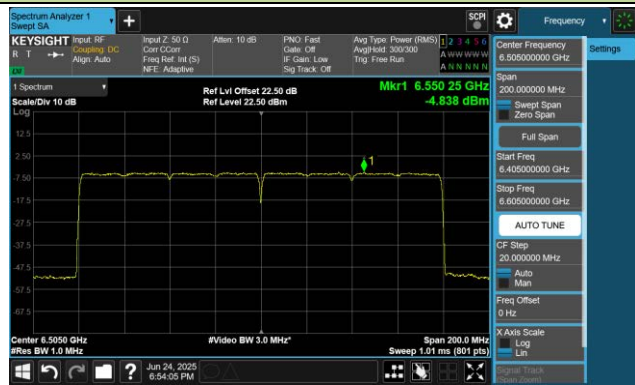
Channel 47 (6185MHz)



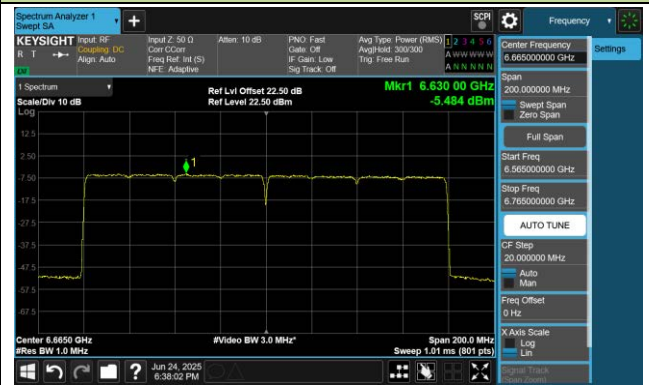
Channel 79 (6345MHz)



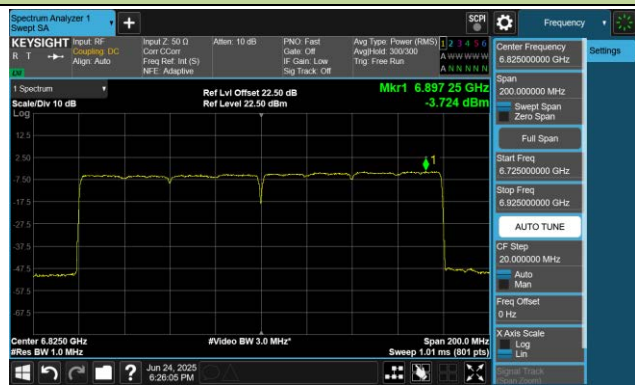
Channel 111 (6505MHz)



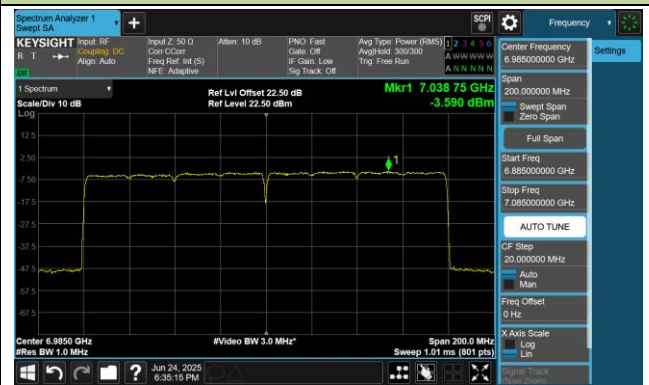
Channel 143 (6665MHz)



Channel 175 (6825MHz)

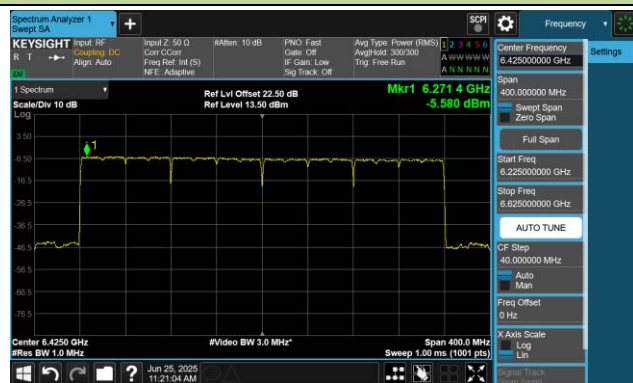


Channel 207 (6985MHz)

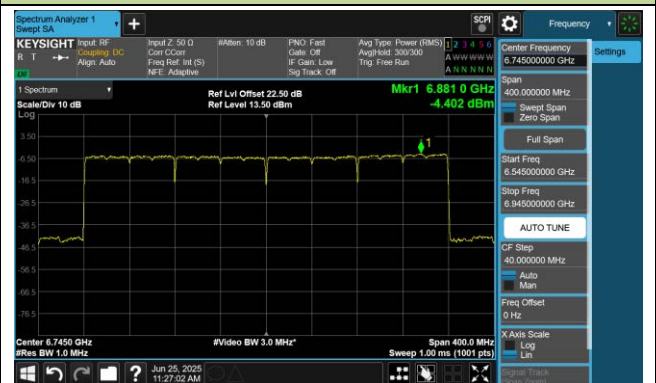


802.11be-EHT320-1 Power Spectral Density - Ant 3 (Nss = 4)

Channel 95 (6425MHz)

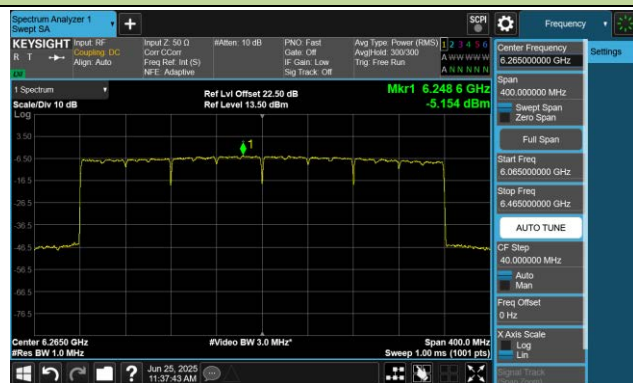


Channel 159 (6745MHz)

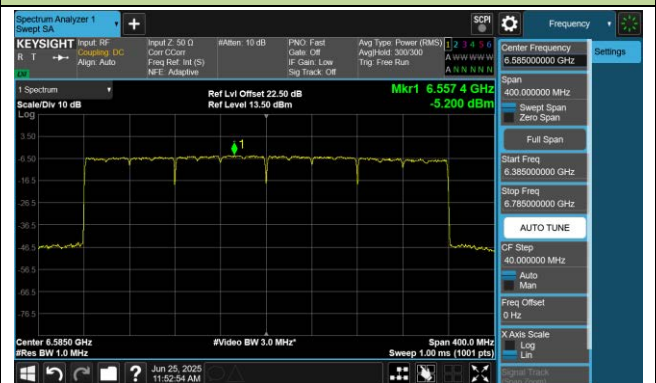


802.11be-EHT320-2 Power Spectral Density - Ant 3 (Nss = 4)

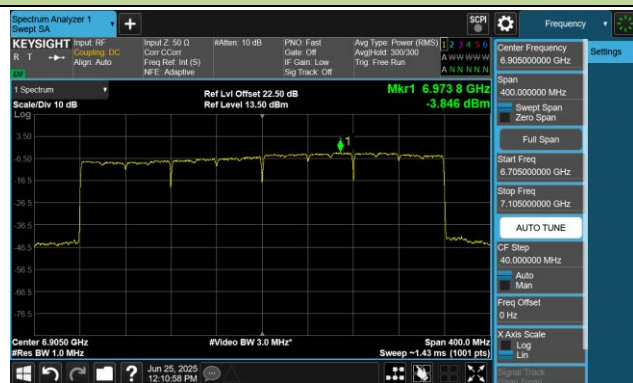
Channel 63 (6265MHz)



Channel 127 (6585MHz)



Channel 191 (6905MHz)



Test Site	WJ-SR2	Test Engineer	Jake Lan
Test Date	2025-06-06 ~ 2025-07-15	Test Mode	Nss = 4 Mode B

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 1	Ant 2	Ant 4	Ant 5				
802.11ax-HE20	MCS0	33	6115	-2.774	-3.683	-3.752	-2.169	95.40	1.75	4.93	≤ 5.00
802.11ax-HE20	MCS0	61	6255	-3.508	-3.358	-3.211	-3.012	95.40	1.75	4.71	≤ 5.00
802.11ax-HE20	MCS0	93	6415	-2.832	-3.398	-3.749	-3.578	95.40	1.75	4.60	≤ 5.00
802.11ax-HE20	MCS0	97	6435	-2.867	-4.028	-4.316	-2.741	95.40	2.04	4.83	≤ 5.00
802.11ax-HE20	MCS0	105	6475	-3.822	-3.733	-4.102	-2.751	95.40	2.04	4.69	≤ 5.00
802.11ax-HE20	MCS0	113	6515	-3.634	-4.332	-2.814	-3.043	95.40	2.04	4.85	≤ 5.00
802.11ax-HE20	MCS0	117	6535	-3.034	-3.355	-2.915	-2.417	95.40	1.53	4.84	≤ 5.00
802.11ax-HE20	MCS0	149	6695	-3.370	-3.495	-3.410	-2.739	95.40	1.53	4.51	≤ 5.00
802.11ax-HE20	MCS0	181	6855	-4.035	-3.157	-2.282	-3.547	95.40	1.53	4.55	≤ 5.00
802.11ax-HE20	MCS0	185	6875	-4.231	-3.330	-2.896	-3.341	95.40	1.93	4.73	≤ 5.00
802.11ax-HE20	MCS0	189	6895	-4.862	-3.854	-3.188	-3.152	95.40	1.93	4.44	≤ 5.00
802.11ax-HE20	MCS0	209	6995	-4.340	-3.445	-3.291	-3.057	95.40	1.93	4.65	≤ 5.00
802.11ax-HE20	MCS0	229	7095	-3.928	-3.734	-4.555	-2.855	95.40	1.93	4.43	≤ 5.00
802.11ax-HE40	MCS0	35	6125	-3.809	-3.045	-4.130	-3.406	91.75	1.75	4.57	≤ 5.00
802.11ax-HE40	MCS0	59	6245	-4.024	-3.303	-2.432	-3.155	91.75	1.75	4.95	≤ 5.00
802.11ax-HE40	MCS0	91	6405	-3.520	-3.117	-3.947	-3.556	91.75	1.75	4.62	≤ 5.00
802.11ax-HE40	MCS0	99	6445	-3.789	-4.332	-4.298	-2.497	91.75	2.04	4.77	≤ 5.00
802.11ax-HE40	MCS0	107	6485	-3.414	-2.978	-4.237	-3.314	91.75	2.04	4.97	≤ 5.00
802.11ax-HE40	MCS0	115	6525	-3.794	-4.470	-3.664	-2.872	91.75	2.04	4.77	≤ 5.00
802.11ax-HE40	MCS0	123	6565	-3.747	-3.937	-2.709	-2.843	91.75	1.53	4.65	≤ 5.00
802.11ax-HE40	MCS0	147	6685	-3.111	-3.221	-3.411	-2.632	91.75	1.53	4.84	≤ 5.00
802.11ax-HE40	MCS0	179	6845	-3.778	-2.935	-2.657	-4.033	91.75	1.53	4.61	≤ 5.00
802.11ax-HE40	MCS0	187	6885	-4.097	-3.223	-2.841	-3.525	91.75	1.93	4.93	≤ 5.00
802.11ax-HE40	MCS0	195	6925	-3.957	-2.820	-3.651	-3.227	91.75	1.93	4.93	≤ 5.00
802.11ax-HE40	MCS0	211	7005	-4.620	-3.501	-3.711	-3.157	91.75	1.93	4.61	≤ 5.00
802.11ax-HE40	MCS0	227	7085	-4.076	-3.057	-3.920	-2.538	91.75	1.93	4.97	≤ 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 1	Ant 2	Ant 4	Ant 5				
802.11ax-HE80	MCS0	39	6145	-4.012	-3.810	-4.123	-3.615	86.34	1.75	4.52	≤ 5.00
802.11ax-HE80	MCS0	55	6225	-4.108	-4.098	-3.541	-3.915	86.34	1.75	4.50	≤ 5.00
802.11ax-HE80	MCS0	87	6385	-3.032	-3.331	-4.297	-3.901	86.34	1.75	4.80	≤ 5.00
802.11ax-HE80	MCS0	103	6465	-3.586	-3.991	-4.575	-2.865	86.34	2.04	4.99	≤ 5.00
802.11ax-HE80	MCS0	119	6545	-3.782	-4.332	-3.880	-3.547	86.34	2.04	4.82	≤ 5.00
802.11ax-HE80	MCS0	135	6625	-2.896	-3.770	-4.129	-3.308	86.34	1.53	4.69	≤ 5.00
802.11ax-HE80	MCS0	151	6705	-3.428	-3.843	-4.114	-3.361	86.34	1.53	4.51	≤ 5.00
802.11ax-HE80	MCS0	167	6785	-3.490	-3.743	-3.884	-2.998	86.34	1.53	4.67	≤ 5.00
802.11ax-HE80	MCS0	183	6865	-4.513	-3.941	-3.275	-3.516	86.34	1.93	4.80	≤ 5.00
802.11ax-HE80	MCS0	199	6945	-3.997	-3.412	-4.262	-3.387	86.34	1.93	4.84	≤ 5.00
802.11ax-HE80	MCS0	215	7025	-4.123	-3.679	-3.960	-3.139	86.34	1.93	4.88	≤ 5.00
802.11ax-HE160	MCS0	47	6185	-3.946	-4.062	-4.135	-3.751	78.27	1.75	4.86	≤ 5.00
802.11ax-HE160	MCS0	79	6345	-4.515	-3.174	-4.434	-5.078	78.27	1.75	4.59	≤ 5.00
802.11ax-HE160	MCS0	111	6505	-4.295	-3.953	-4.496	-4.289	78.27	2.04	4.87	≤ 5.00
802.11ax-HE160	MCS0	143	6665	-2.921	-3.794	-4.224	-4.642	78.27	1.53	4.77	≤ 5.00
802.11ax-HE160	MCS0	175	6825	-4.702	-4.530	-4.760	-3.112	78.27	1.93	4.79	≤ 5.00
802.11ax-HE160	MCS0	207	6985	-4.266	-4.211	-4.900	-3.218	78.27	1.93	4.91	≤ 5.00
802.11be-EHT20	MCS0	33	6115	-3.127	-3.729	-4.134	-2.431	95.35	1.75	4.67	≤ 5.00
802.11be-EHT20	MCS0	61	6255	-2.985	-3.187	-3.013	-3.619	95.35	1.75	4.78	≤ 5.00
802.11be-EHT20	MCS0	93	6415	-2.826	-3.030	-4.228	-3.572	95.35	1.75	4.60	≤ 5.00
802.11be-EHT20	MCS0	97	6435	-3.153	-4.214	-4.412	-2.819	95.35	2.04	4.67	≤ 5.00
802.11be-EHT20	MCS0	105	6475	-3.623	-3.704	-4.234	-2.756	95.35	2.04	4.72	≤ 5.00
802.11be-EHT20	MCS0	113	6515	-4.026	-4.307	-2.804	-2.729	95.35	2.04	4.86	≤ 5.00
802.11be-EHT20	MCS0	117	6535	-3.537	-3.882	-2.642	-2.576	95.35	1.53	4.63	≤ 5.00
802.11be-EHT20	MCS0	149	6695	-3.153	-3.272	-3.652	-2.715	95.35	1.53	4.57	≤ 5.00
802.11be-EHT20	MCS0	181	6855	-3.561	-2.975	-2.554	-3.429	95.35	1.53	4.65	≤ 5.00
802.11be-EHT20	MCS0	185	6875	-3.822	-3.285	-3.094	-3.059	95.35	1.93	4.85	≤ 5.00
802.11be-EHT20	MCS0	189	6895	-4.431	-3.727	-3.151	-2.999	95.35	1.93	4.62	≤ 5.00
802.11be-EHT20	MCS0	209	6995	-4.046	-3.483	-3.465	-3.503	95.35	1.93	4.54	≤ 5.00
802.11be-EHT20	MCS0	229	7095	-3.449	-2.878	-4.607	-2.627	95.35	1.93	4.83	≤ 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 1	Ant 2	Ant 4	Ant 5				
802.11be-EHT40	MCS0	35	6125	-3.295	-3.818	-3.791	-2.979	91.84	1.75	4.68	≤ 5.00
802.11be-EHT40	MCS0	59	6245	-4.100	-3.745	-2.898	-4.113	91.84	1.75	4.46	≤ 5.00
802.11be-EHT40	MCS0	91	6405	-3.175	-3.270	-4.050	-3.979	91.84	1.75	4.54	≤ 5.00
802.11be-EHT40	MCS0	99	6445	-3.523	-3.667	-4.443	-3.448	91.84	2.04	4.68	≤ 5.00
802.11be-EHT40	MCS0	107	6485	-3.860	-3.932	-4.264	-2.875	91.84	2.04	4.73	≤ 5.00
802.11be-EHT40	MCS0	115	6525	-3.616	-4.292	-3.232	-2.979	91.84	2.04	4.93	≤ 5.00
802.11be-EHT40	MCS0	123	6565	-3.858	-4.086	-3.033	-2.801	91.84	1.53	4.51	≤ 5.00
802.11be-EHT40	MCS0	147	6685	-3.419	-3.564	-3.047	-2.181	91.84	1.53	4.90	≤ 5.00
802.11be-EHT40	MCS0	179	6845	-3.761	-2.786	-2.828	-4.000	91.84	1.53	4.61	≤ 5.00
802.11be-EHT40	MCS0	187	6885	-4.582	-3.850	-3.182	-3.346	91.84	1.93	4.61	≤ 5.00
802.11be-EHT40	MCS0	195	6925	-4.223	-3.074	-3.495	-3.302	91.84	1.93	4.82	≤ 5.00
802.11be-EHT40	MCS0	211	7005	-4.110	-3.291	-3.816	-3.777	91.84	1.93	4.58	≤ 5.00
802.11be-EHT40	MCS0	227	7085	-4.126	-3.187	-3.838	-2.529	91.84	1.93	4.94	≤ 5.00
802.11be-EHT80	MCS0	39	6145	-3.968	-3.773	-4.153	-3.516	84.54	1.75	4.65	≤ 5.00
802.11be-EHT80	MCS0	55	6225	-3.862	-4.248	-3.406	-4.250	84.54	1.75	4.57	≤ 5.00
802.11be-EHT80	MCS0	87	6385	-3.093	-3.590	-4.590	-3.953	84.54	1.75	4.73	≤ 5.00
802.11be-EHT80	MCS0	103	6465	-3.771	-4.156	-4.775	-3.120	84.54	2.04	4.88	≤ 5.00
802.11be-EHT80	MCS0	119	6545	-4.632	-5.011	-3.182	-3.889	84.54	2.04	4.67	≤ 5.00
802.11be-EHT80	MCS0	135	6625	-2.198	-3.454	-3.784	-4.086	84.54	1.53	4.96	≤ 5.00
802.11be-EHT80	MCS0	151	6705	-2.758	-2.932	-4.100	-3.524	84.54	1.53	4.98	≤ 5.00
802.11be-EHT80	MCS0	167	6785	-3.898	-4.184	-3.938	-3.036	84.54	1.53	4.54	≤ 5.00
802.11be-EHT80	MCS0	183	6865	-4.297	-3.651	-3.391	-3.510	84.54	1.93	4.98	≤ 5.00
802.11be-EHT80	MCS0	199	6945	-3.944	-3.717	-4.161	-3.113	84.54	1.93	4.96	≤ 5.00
802.11be-EHT80	MCS0	215	7025	-3.539	-4.235	-3.890	-3.410	84.54	1.93	4.92	≤ 5.00
802.11be-EHT160	MCS0	47	6185	-4.031	-4.212	-4.030	-3.749	79.08	1.75	4.79	≤ 5.00
802.11be-EHT160	MCS0	79	6345	-4.167	-2.800	-4.022	-4.562	79.08	1.75	4.95	≤ 5.00
802.11be-EHT160	MCS0	111	6505	-4.310	-4.001	-4.613	-3.933	79.08	2.04	4.87	≤ 5.00
802.11be-EHT160	MCS0	143	6665	-3.219	-3.984	-4.378	-4.614	79.08	1.53	4.55	≤ 5.00
802.11be-EHT160	MCS0	175	6825	-4.622	-4.983	-4.882	-3.096	79.08	1.93	4.64	≤ 5.00
802.11be-EHT160	MCS0	207	6985	-4.749	-4.751	-5.140	-3.834	79.08	1.93	4.38	≤ 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 1	Ant 2	Ant 4	Ant 5				
802.11be-EHT320-1	MCS0	95	6425	-4.054	-3.948	-5.611	-5.237	73.83	2.04	4.73	≤ 5.00
802.11be-EHT320-1	MCS0	159	6745	-4.907	-4.809	-5.134	-3.332	73.83	1.93	4.78	≤ 5.00
802.11be-EHT320-2	MCS0	63	6265	-4.691	-5.065	-4.265	-4.905	73.83	1.75	4.37	≤ 5.00
802.11be-EHT320-2	MCS0	127	6585	-5.237	-5.059	-4.280	-4.711	73.83	2.04	4.57	≤ 5.00
802.11be-EHT320-2	MCS0	191	6905	-5.308	-5.333	-4.780	-3.670	73.83	1.93	4.55	≤ 5.00

Note: When EUT duty cycle < 98%, EIRP PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 4 PSD}/10)} + 10^{(\text{Ant 5 PSD}/10)}\}$ (dBm/MHz) + $10 \cdot \log (1/\text{Duty Cycle})$ + Antenna Gain (dBi).

When EUT duty cycle ≥ 98%, EIRP PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 4 PSD}/10)} + 10^{(\text{Ant 5 PSD}/10)}\}$ (dBm/MHz) + Antenna Gain (dBi).

802.11ax-HE20 Power Spectral Density - Ant 1 (Nss = 4)

Channel 33 (6115MHz)



Channel 61 (6255MHz)



Channel 93 (6415MHz)



Channel 97 (6435MHz)



Channel 105 (6475MHz)



Channel 113 (6515MHz)



Channel 117 (6535MHz)



Channel 149 (6695MHz)



802.11ax-HE20 Power Spectral Density - Ant 1 (Nss = 4)

Channel 181 (6855MHz)



Channel 185 (6875MHz)



Channel 189 (6895MHz)



Channel 209 (6995MHz)

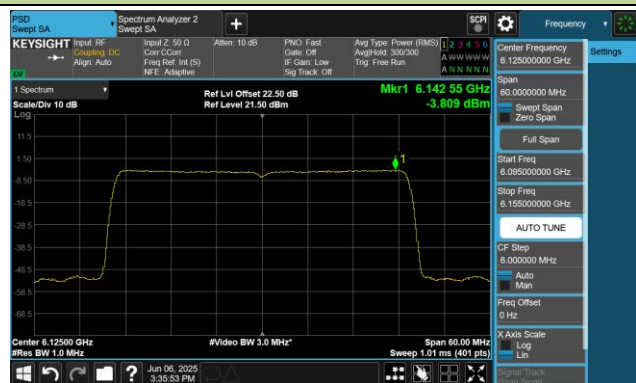


Channel 229 (7095MHz)



802.11ax-HE40 Power Spectral Density - Ant 1 (Nss = 4)

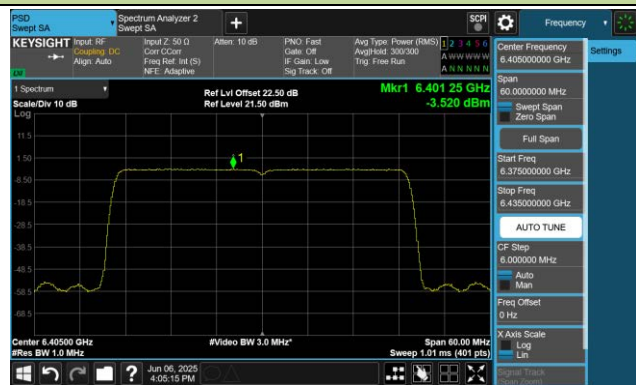
Channel 35 (6125MHz)



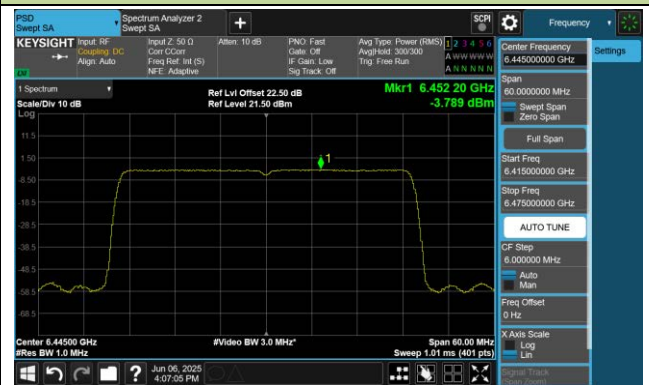
Channel 59 (6245MHz)



Channel 91 (6405MHz)



Channel 99 (6445MHz)



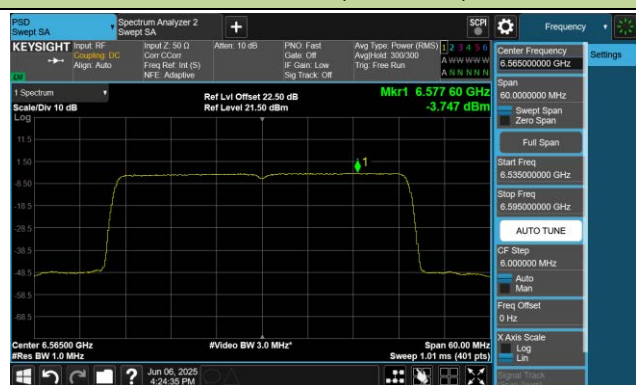
Channel 107 (6485MHz)



Channel 115 (6525MHz)



Channel 123 (6565MHz)

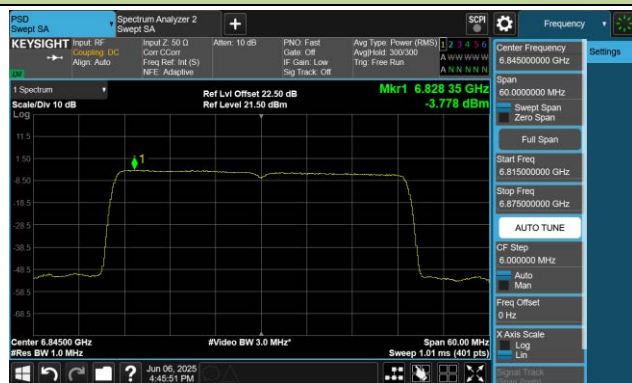


Channel 147 (6685MHz)



802.11ax-HE40 Power Spectral Density - Ant 1 (Nss = 4)

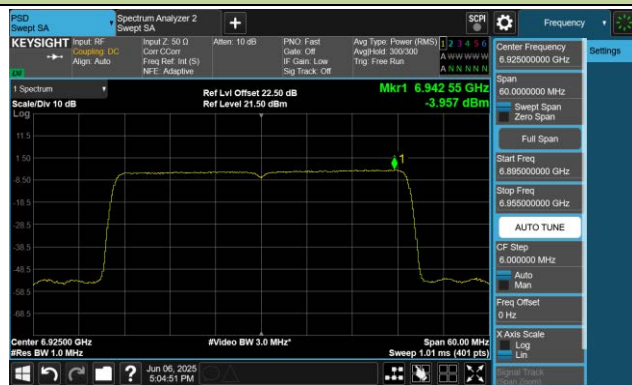
Channel 179 (6845MHz)



Channel 187 (6885MHz)



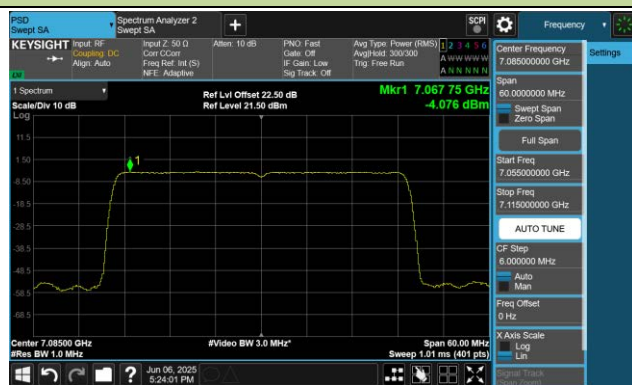
Channel 195 (6925MHz)



Channel 211 (7005MHz)



Channel 227 (7085MHz)



802.11ax-HE80 Power Spectral Density - Ant 1 (Nss = 4)

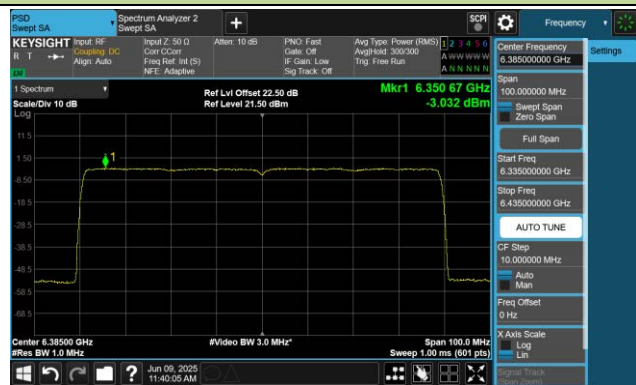
Channel 39 (6145MHz)



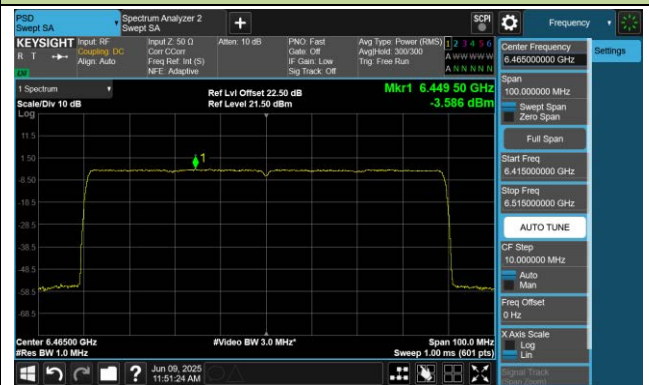
Channel 55 (6225MHz)



Channel 87 (6385MHz)



Channel 103 (6465MHz)



Channel 119 (6545MHz)



Channel 135 (6625MHz)



Channel 151 (6705MHz)

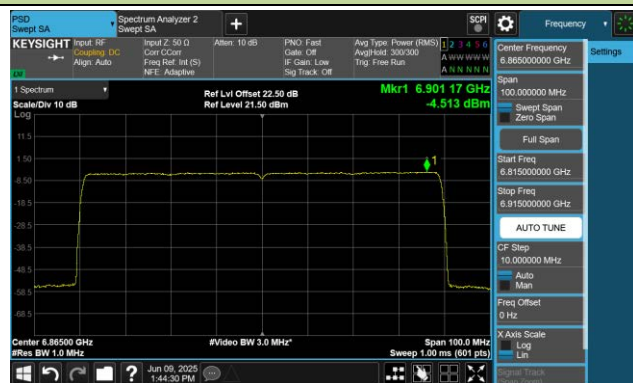


Channel 167 (6785MHz)

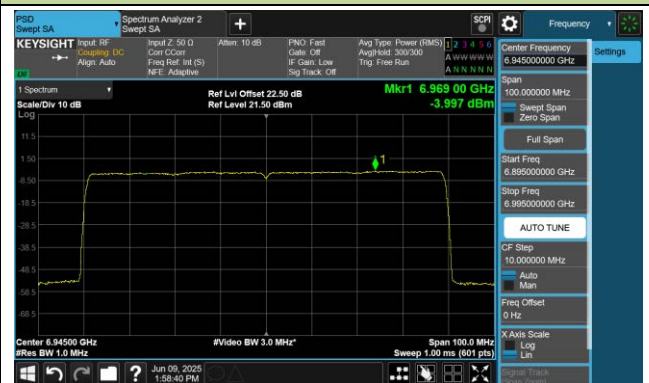


802.11ax-HE80 Power Spectral Density - Ant 1 (Nss = 4)

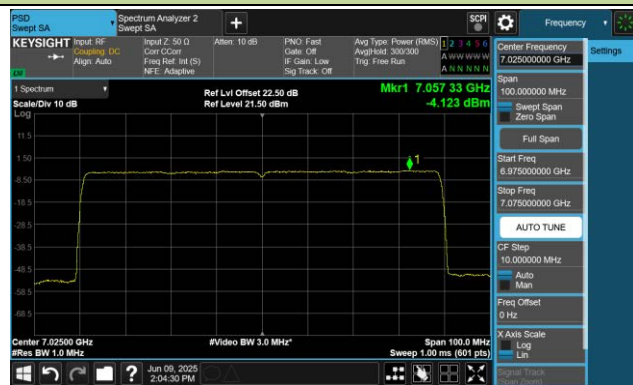
Channel 183 (6865MHz)



Channel 199 (6945MHz)

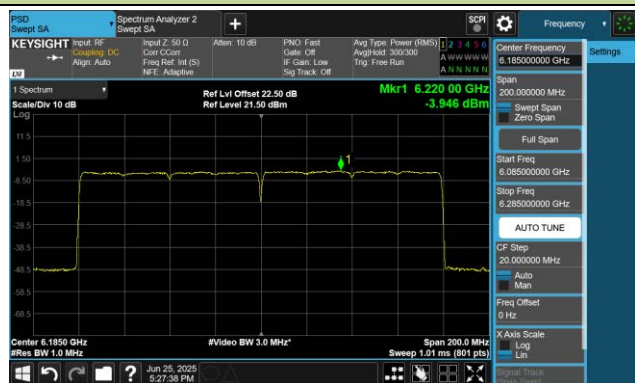


Channel 215 (7025MHz)

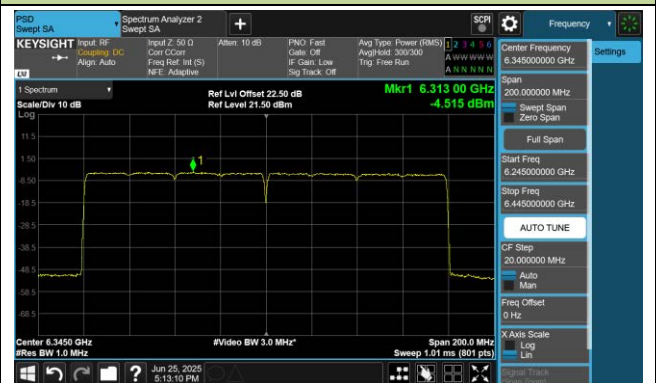


802.11ax-HE160 Power Spectral Density - Ant 1 (Nss = 4)

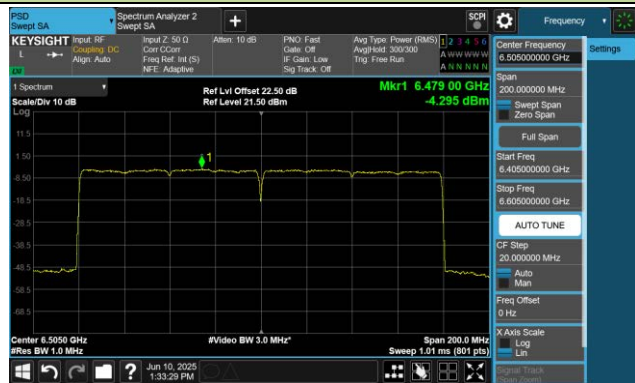
Channel 47 (6185MHz)



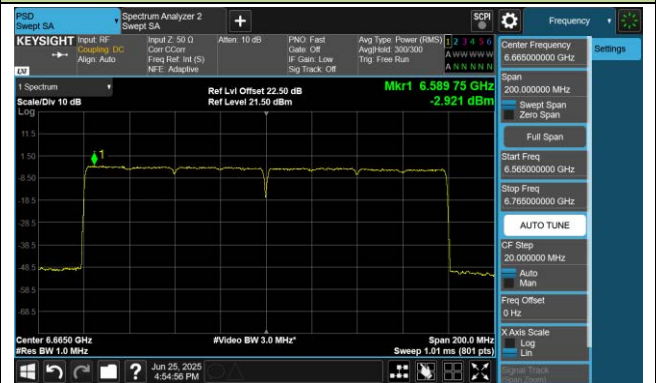
Channel 79 (6345MHz)



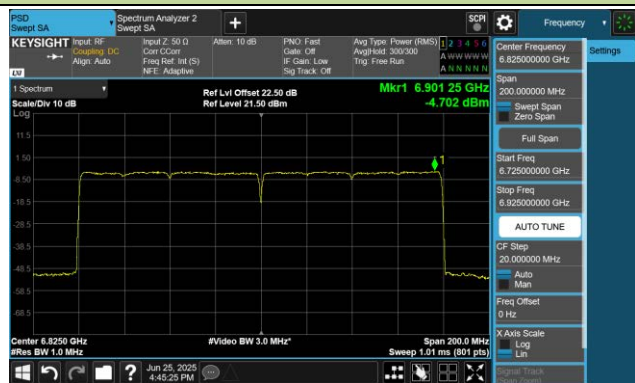
Channel 111 (6505MHz)



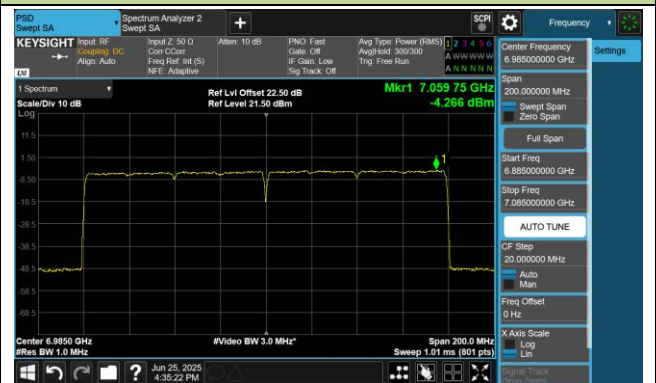
Channel 143 (6665MHz)



Channel 175 (6825MHz)



Channel 207 (6985MHz)



802.11be-EHT20 Power Spectral Density - Ant 1 (Nss = 4)

Channel 33 (6115MHz)



Channel 61 (6255MHz)



Channel 93 (6415MHz)



Channel 97 (6435MHz)



Channel 105 (6475MHz)



Channel 113 (6515MHz)



Channel 117 (6535MHz)



Channel 149 (6695MHz)



802.11be-EHT20 Power Spectral Density - Ant 1 (Nss = 4)

Channel 181 (6855MHz)



Channel 185 (6875MHz)



Channel 189 (6895MHz)



Channel 209 (6995MHz)

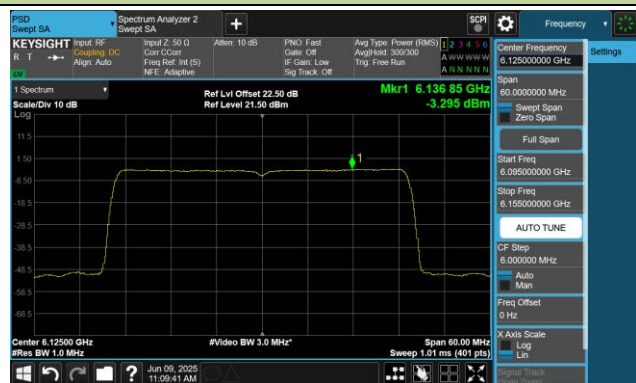


Channel 229 (7095MHz)



802.11be-EHT40 Power Spectral Density - Ant 1 (Nss = 4)

Channel 35 (6125MHz)



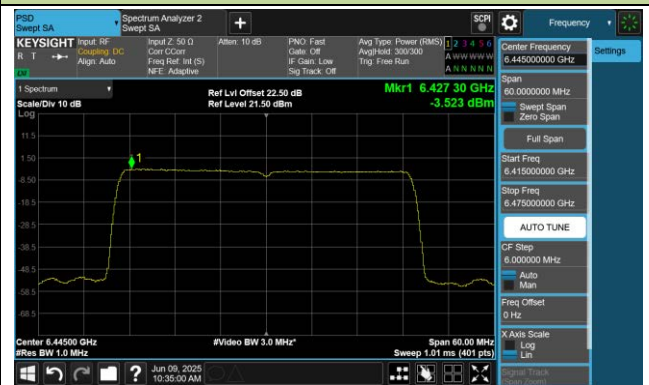
Channel 59 (6245MHz)



Channel 91 (6405MHz)



Channel 99 (6445MHz)



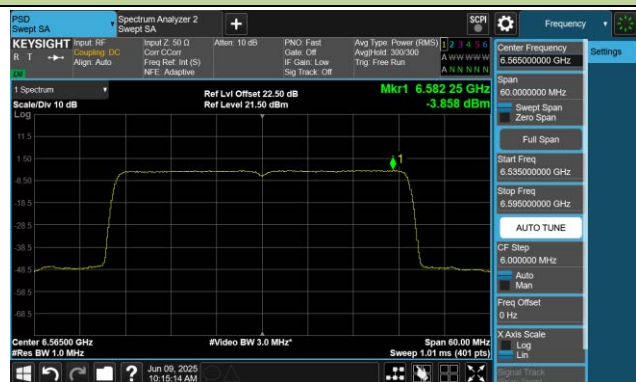
Channel 107 (6485MHz)



Channel 115 (6525MHz)



Channel 123 (6565MHz)



Channel 147 (6685MHz)



802.11be-EHT40 Power Spectral Density - Ant 1 (Nss = 4)

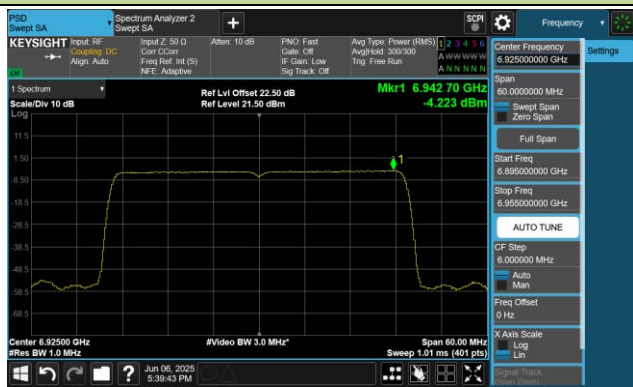
Channel 179 (6845MHz)



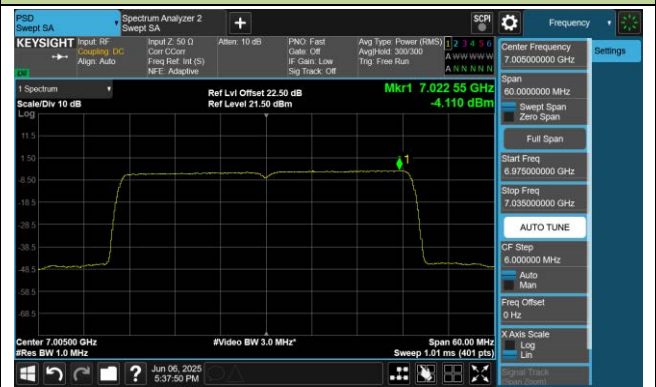
Channel 187 (6885MHz)



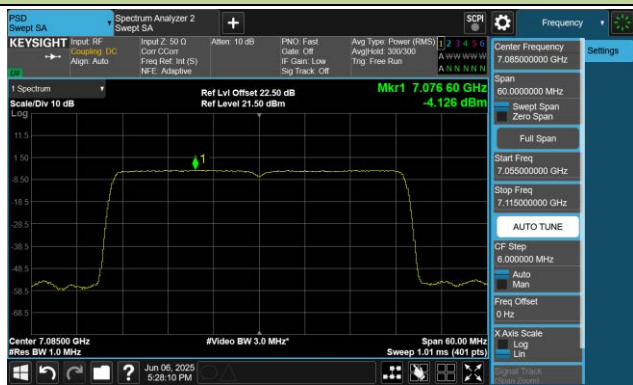
Channel 195 (6925MHz)



Channel 211 (7005MHz)

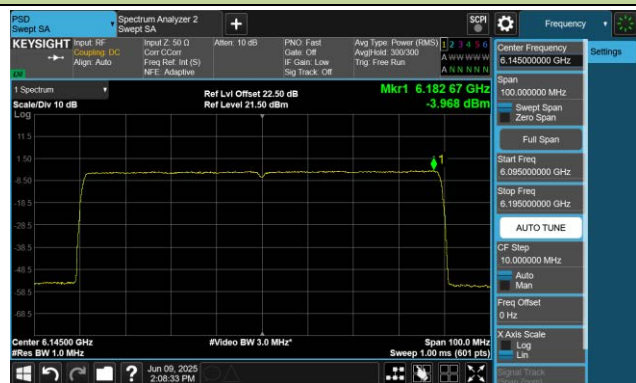


Channel 227 (7085MHz)



802.11be-EHT80 Power Spectral Density - Ant 1 (Nss = 4)

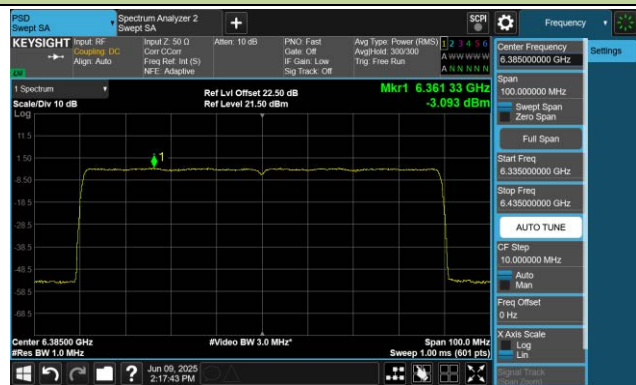
Channel 39 (6145MHz)



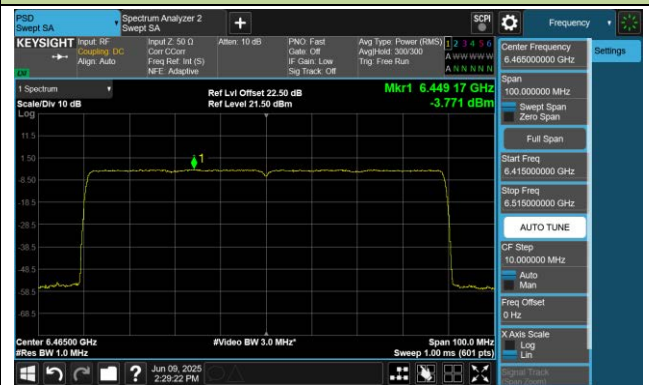
Channel 55 (6225MHz)



Channel 87 (6385MHz)



Channel 103 (6465MHz)



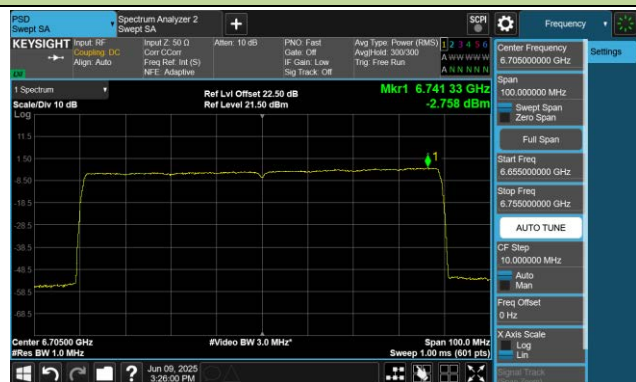
Channel 119 (6545MHz)



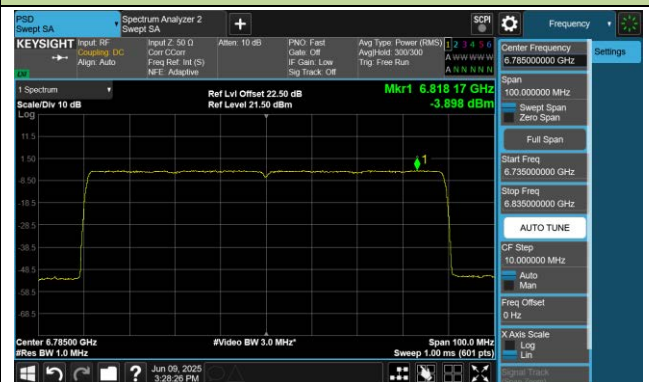
Channel 135 (6625MHz)



Channel 151 (6705MHz)

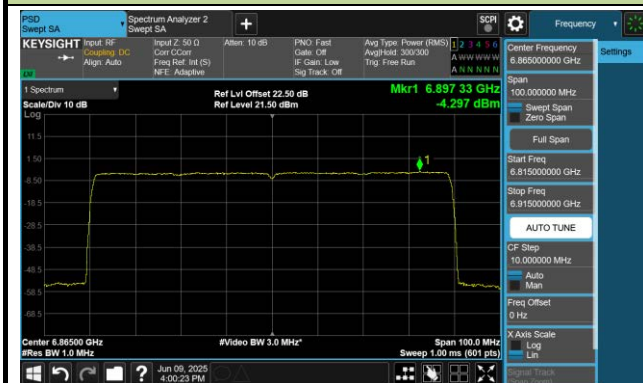


Channel 167 (6785MHz)

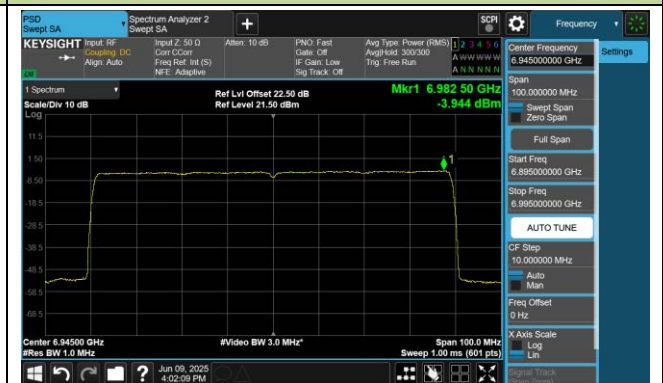


802.11be-EHT80 Power Spectral Density - Ant 1 (Nss = 4)

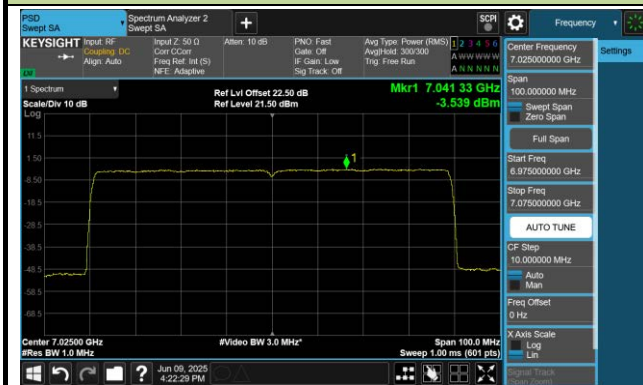
Channel 183 (6865MHz)



Channel 199 (6945MHz)

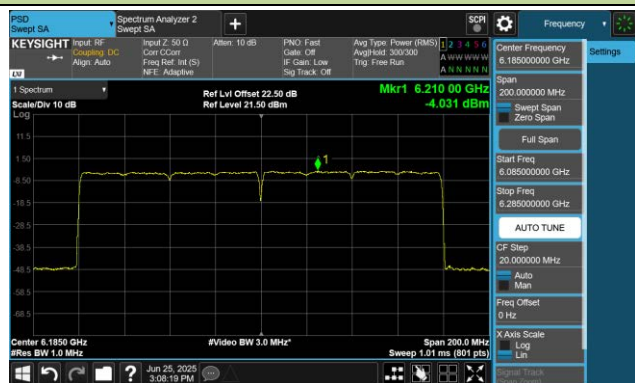


Channel 215 (7025MHz)

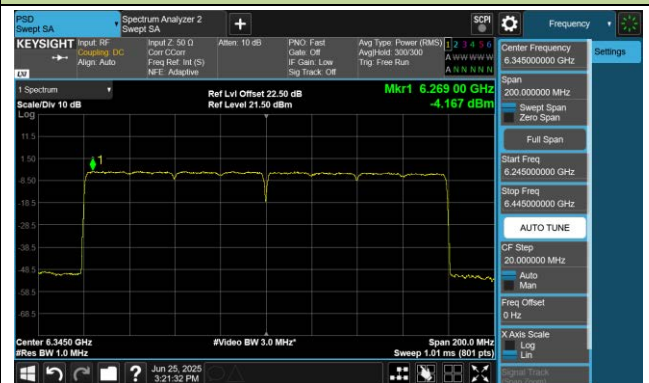


802.11be-EHT160 Power Spectral Density - Ant 1 (Nss = 4)

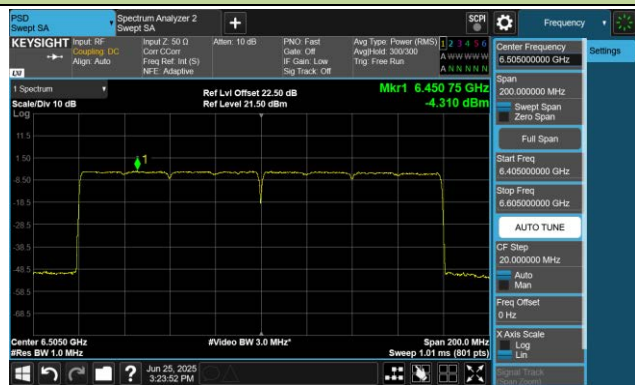
Channel 47 (6185MHz)



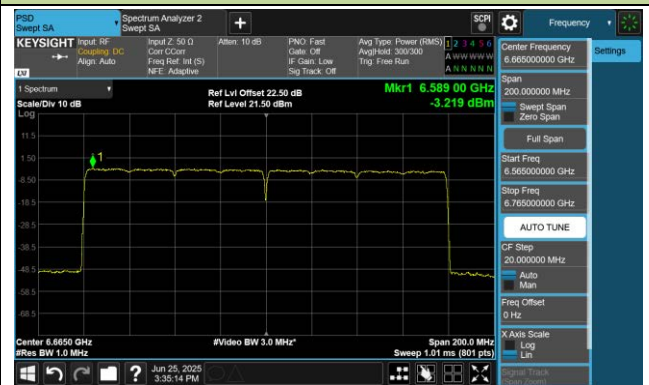
Channel 79 (6345MHz)



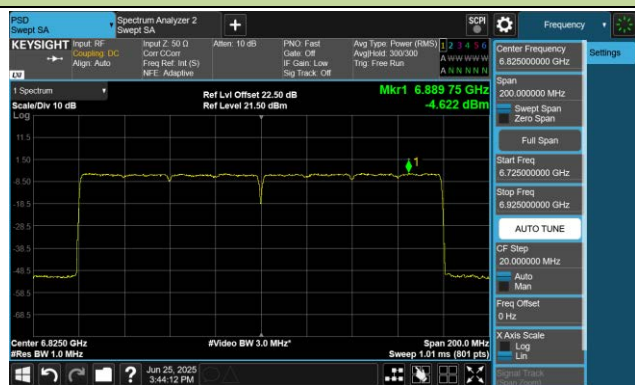
Channel 111 (6505MHz)



Channel 143 (6665MHz)



Channel 175 (6825MHz)



Channel 207 (6985MHz)

