

802.11be-EHT20 Power Spectral Density - Ant 5 (Nss = 1)

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 5 (Nss = 1)

Channel 181 (6855MHz)



Channel 185 (6875MHz)



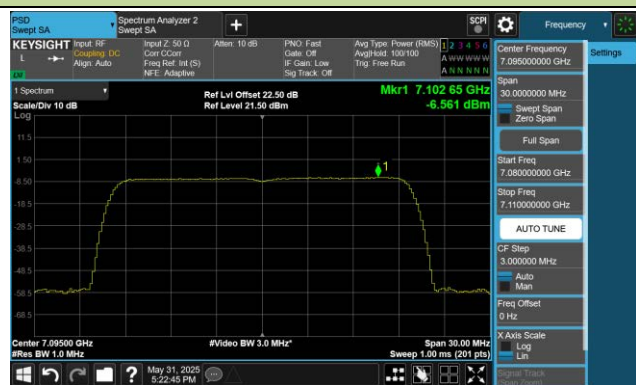
Channel 189 (6895MHz)



Channel 209 (6995MHz)

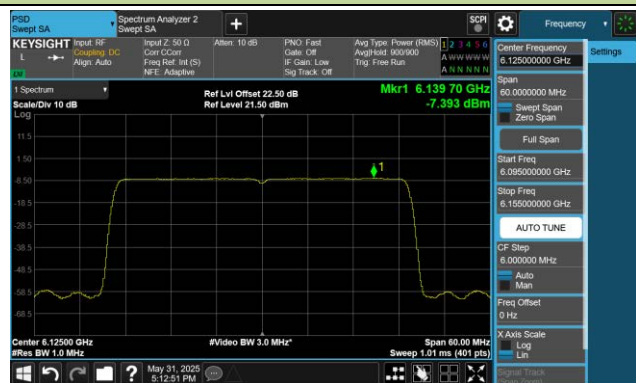


Channel 229 (7095MHz)

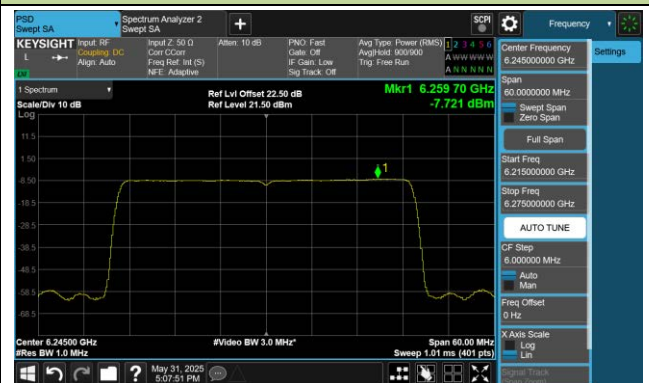


802.11be-EHT40 Power Spectral Density - Ant 5 (Nss = 1)

Channel 35 (6125MHz)



Channel 59 (6245MHz)



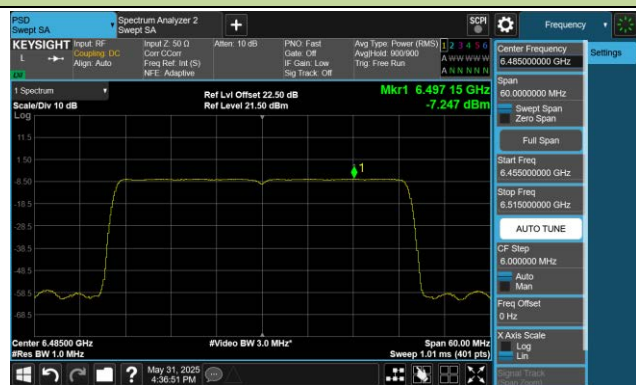
Channel 91 (6405MHz)



Channel 99 (6445MHz)



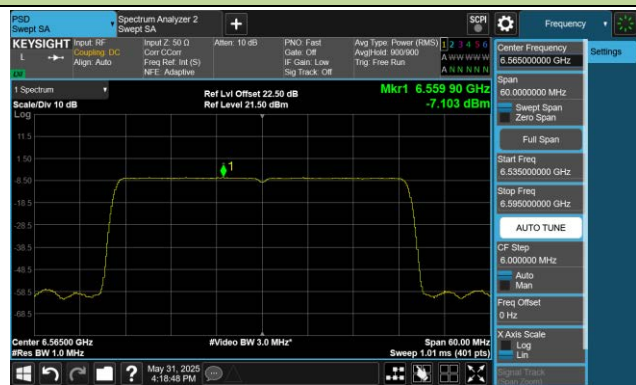
Channel 107 (6485MHz)



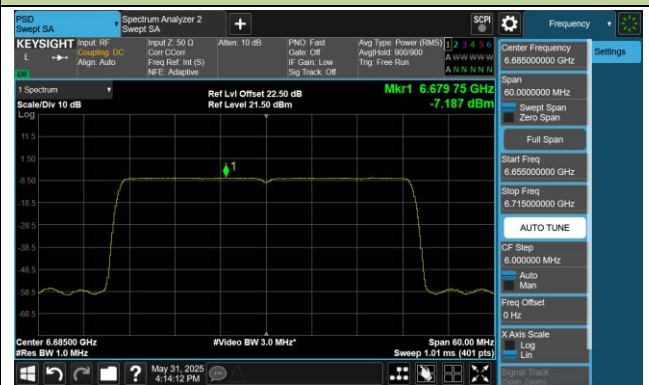
Channel 115 (6525MHz)



Channel 123 (6565MHz)

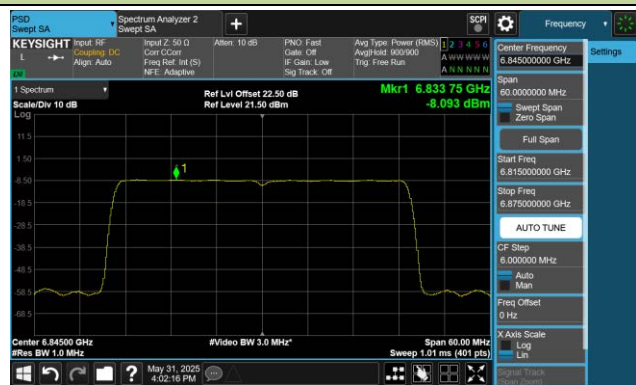


Channel 147 (6685MHz)



802.11be-EHT40 Power Spectral Density - Ant 5 (Nss = 1)

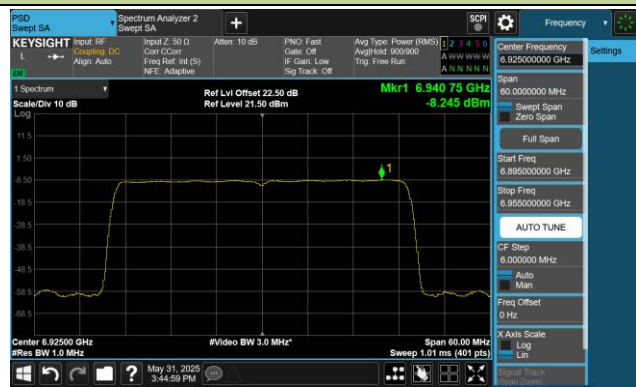
Channel 179 (6845MHz)



Channel 187 (6885MHz)



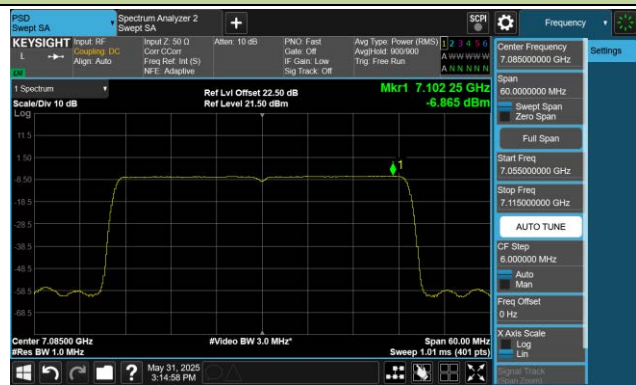
Channel 195 (6925MHz)



Channel 211 (7005MHz)

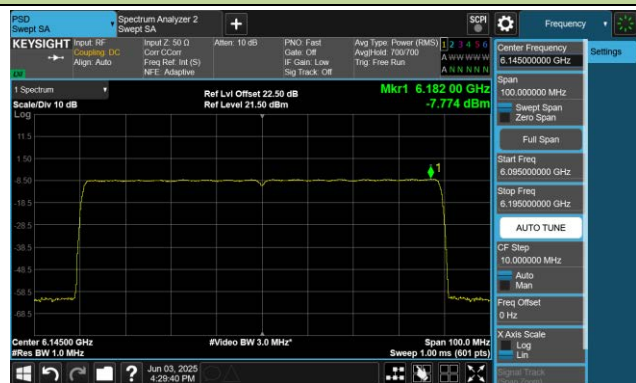


Channel 227 (7085MHz)



802.11be-EHT80 Power Spectral Density - Ant 5 (Nss = 1)

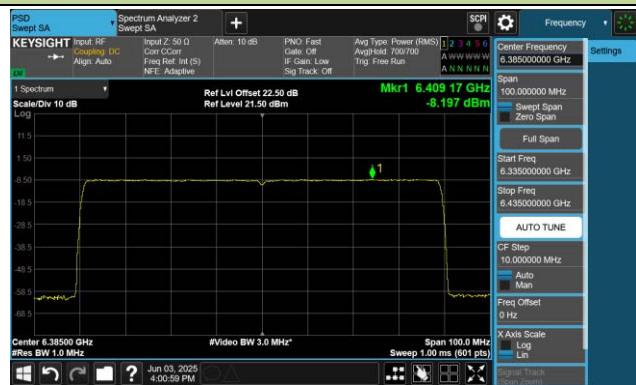
Channel 39 (6145MHz)



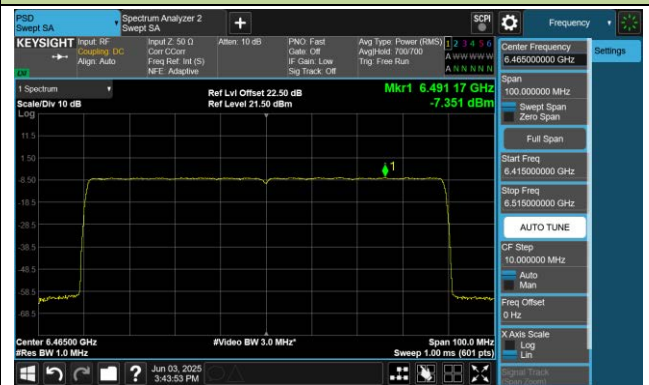
Channel 55 (6225MHz)



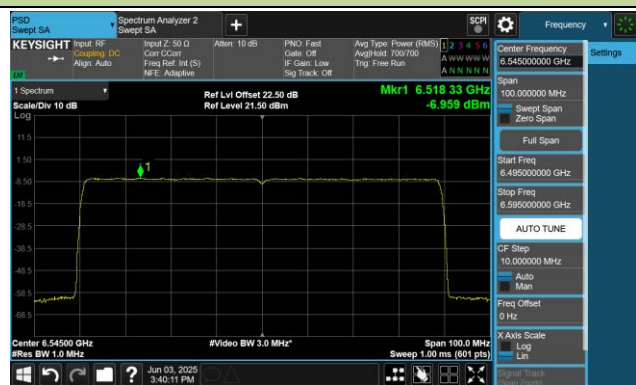
Channel 87 (6385MHz)



Channel 103 (6465MHz)



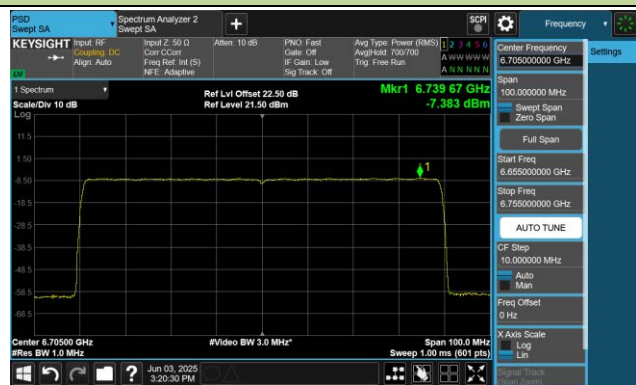
Channel 119 (6545MHz)



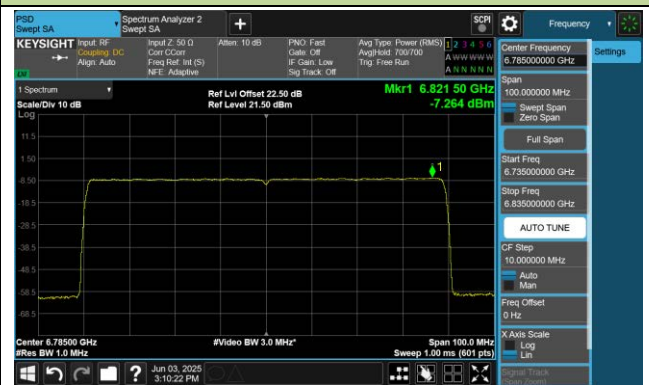
Channel 135 (6625MHz)



Channel 151 (6705MHz)

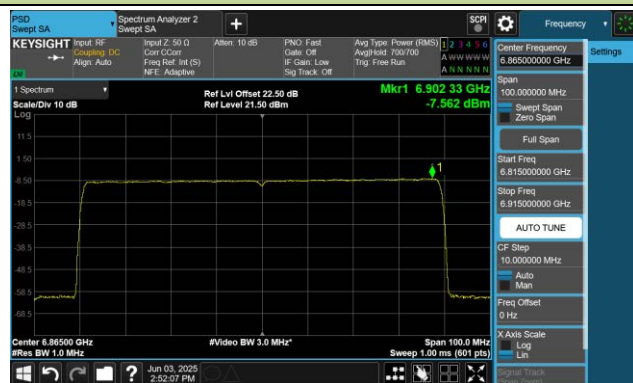


Channel 167 (6785MHz)

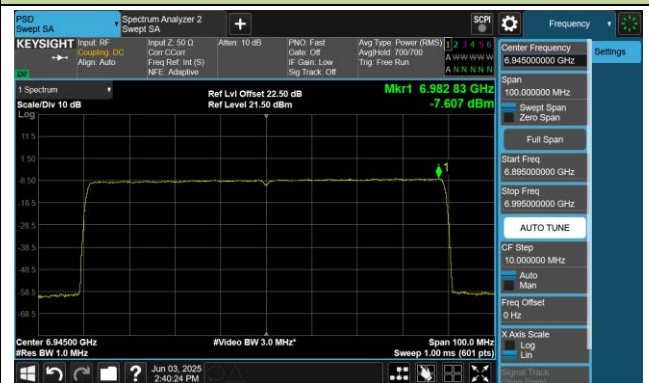


802.11be-EHT80 Power Spectral Density - Ant 5 (Nss = 1)

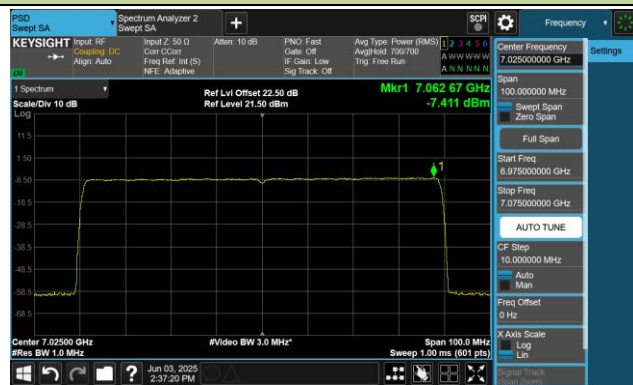
Channel 183 (6865MHz)



Channel 199 (6945MHz)

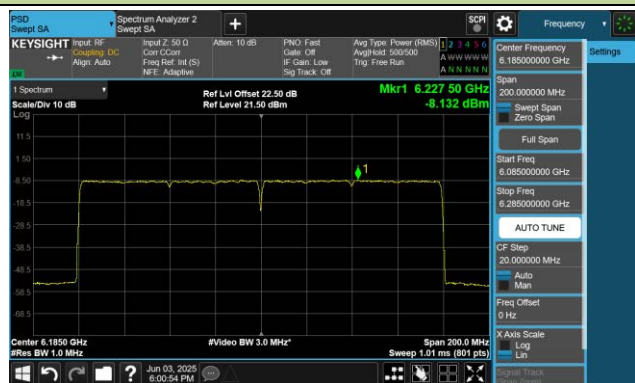


Channel 215 (7025MHz)

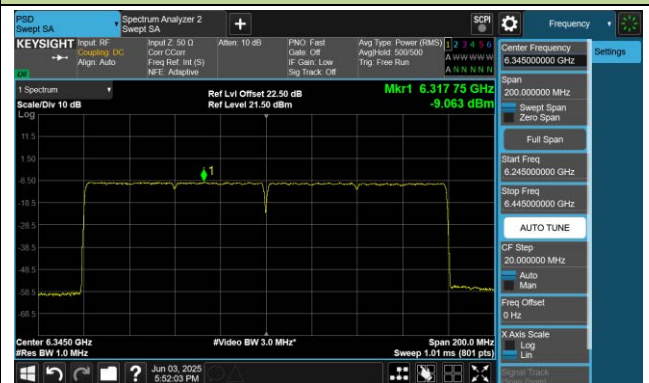


802.11be-EHT160 Power Spectral Density - Ant 5 (Nss = 1)

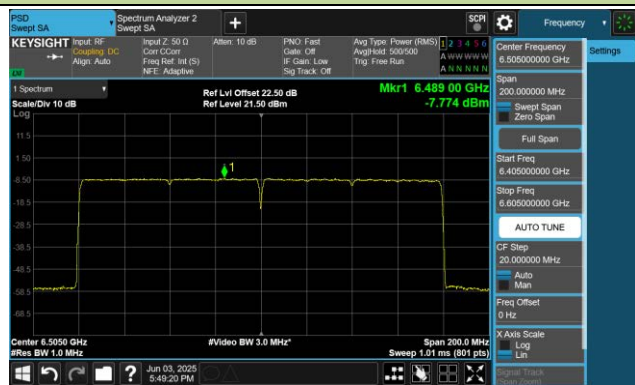
Channel 47 (6185MHz)



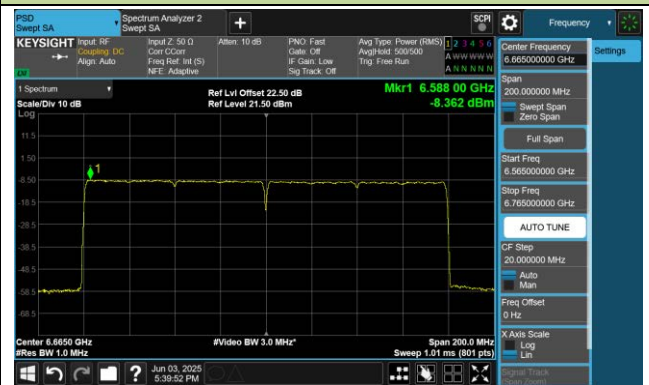
Channel 79 (6345MHz)



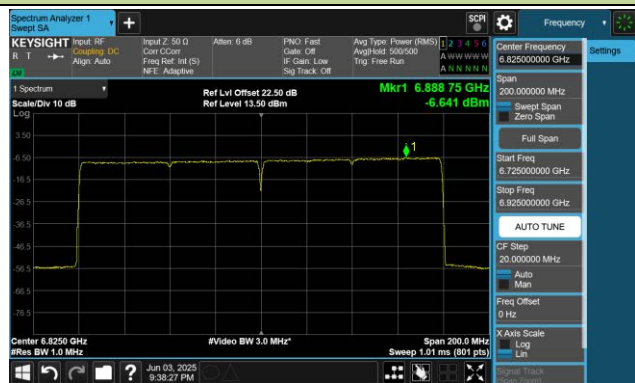
Channel 111 (6505MHz)



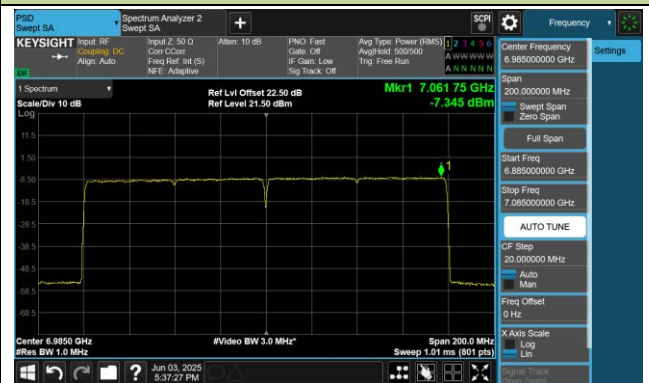
Channel 143 (6665MHz)



Channel 175 (6825MHz)

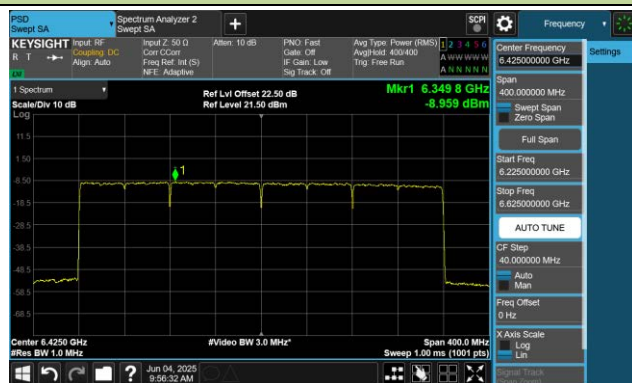


Channel 207 (6985MHz)

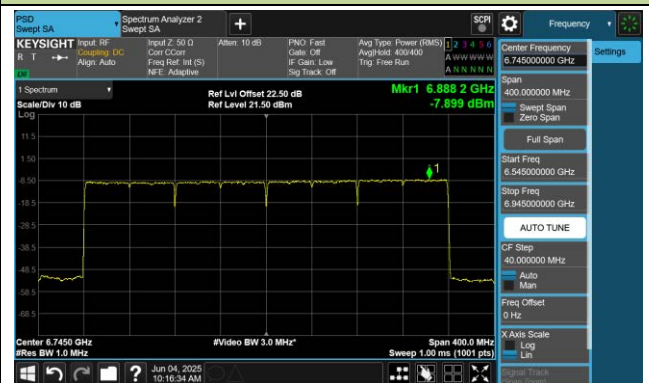


802.11be-EHT320-1 Power Spectral Density - Ant 5 (Nss = 1)

Channel 95 (6425MHz)

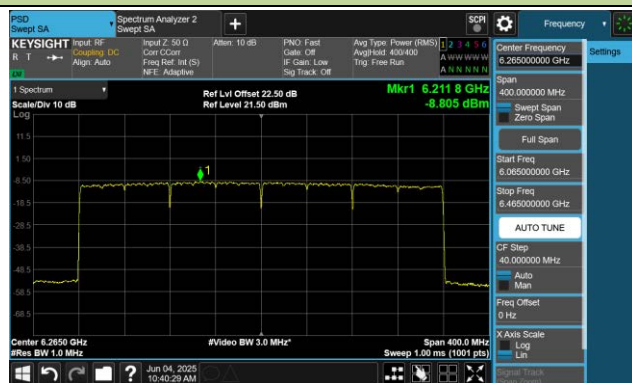


Channel 159 (6745MHz)

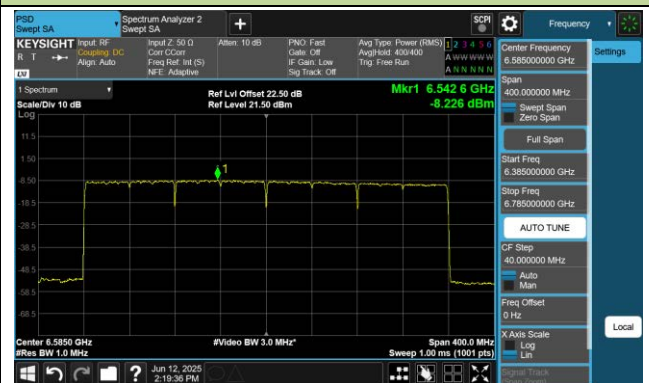


802.11be-EHT320-2 Power Spectral Density - Ant 5 (Nss = 1)

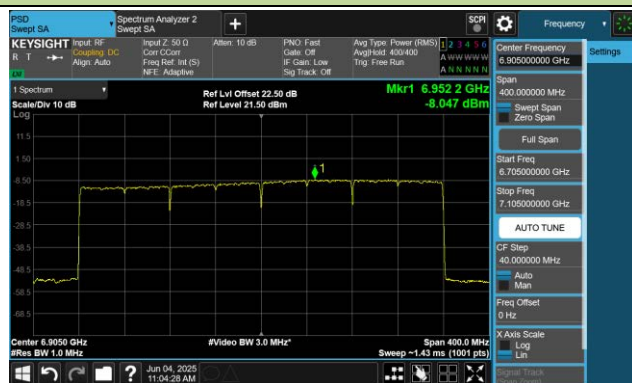
Channel 63 (6265MHz)



Channel 127 (6585MHz)



Channel 191 (6905MHz)



Test Site	WJ-SR2	Test Engineer	Jake Lan
Test Date	2025-06-04 ~ 2025-06-25	Test Mode	Nss = 4 Mode A

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	Ant 3				
802.11ax-HE20	MCS0	33	6115	-3.985	-4.071	-4.441	-3.815	95.40	2.50	4.65	≤ 5.00
802.11ax-HE20	MCS0	61	6255	-3.428	-3.780	-4.912	-4.221	95.40	2.50	4.67	≤ 5.00
802.11ax-HE20	MCS0	93	6415	-4.078	-3.297	-3.698	-4.248	95.40	2.50	4.91	≤ 5.00
802.11ax-HE20	MCS0	97	6435	-3.845	-3.103	-4.779	-3.153	95.40	2.41	4.97	≤ 5.00
802.11ax-HE20	MCS0	105	6475	-4.239	-3.729	-3.760	-3.690	95.40	2.41	4.79	≤ 5.00
802.11ax-HE20	MCS0	113	6515	-3.676	-3.883	-4.791	-2.947	95.40	2.41	4.86	≤ 5.00
802.11ax-HE20	MCS0	117	6535	-4.034	-4.290	-4.830	-3.668	95.40	2.49	4.53	≤ 5.00
802.11ax-HE20	MCS0	149	6695	-3.934	-3.672	-4.448	-3.087	95.40	2.49	4.96	≤ 5.00
802.11ax-HE20	MCS0	181	6855	-2.884	-4.011	-3.798	-4.396	95.40	2.49	4.98	≤ 5.00
802.11ax-HE20	MCS0	185	6875	-3.273	-4.460	-4.396	-3.955	95.40	2.49	4.72	≤ 5.00
802.11ax-HE20	MCS0	189	6895	-3.234	-4.914	-4.155	-3.851	95.40	2.46	4.69	≤ 5.00
802.11ax-HE20	MCS0	209	6995	-3.304	-4.476	-4.198	-3.831	95.40	2.46	4.76	≤ 5.00
802.11ax-HE20	MCS0	229	7095	-3.800	-4.062	-4.703	-3.465	95.40	2.46	4.70	≤ 5.00
802.11ax-HE40	MCS0	35	6125	-4.405	-4.157	-4.036	-3.933	91.75	2.50	4.77	≤ 5.00
802.11ax-HE40	MCS0	59	6245	-3.486	-4.614	-4.857	-3.962	91.75	2.50	4.70	≤ 5.00
802.11ax-HE40	MCS0	91	6405	-4.751	-3.819	-4.177	-4.671	91.75	2.50	4.56	≤ 5.00
802.11ax-HE40	MCS0	99	6445	-3.978	-4.041	-4.805	-3.346	91.75	2.41	4.79	≤ 5.00
802.11ax-HE40	MCS0	107	6485	-4.664	-4.304	-4.019	-3.363	91.75	2.41	4.74	≤ 5.00
802.11ax-HE40	MCS0	115	6525	-3.599	-3.987	-5.400	-3.817	91.75	2.49	4.74	≤ 5.00
802.11ax-HE40	MCS0	123	6565	-4.267	-4.549	-5.140	-3.542	91.75	2.49	4.55	≤ 5.00
802.11ax-HE40	MCS0	147	6685	-3.815	-4.406	-4.835	-3.145	91.75	2.49	4.88	≤ 5.00
802.11ax-HE40	MCS0	179	6845	-3.318	-4.865	-4.761	-4.815	91.75	2.49	4.50	≤ 5.00
802.11ax-HE40	MCS0	187	6885	-3.418	-5.012	-4.804	-4.422	91.75	2.49	4.52	≤ 5.00
802.11ax-HE40	MCS0	195	6925	-4.342	-4.650	-3.817	-4.103	91.75	2.46	4.64	≤ 5.00
802.11ax-HE40	MCS0	211	7005	-3.914	-4.769	-4.513	-3.764	91.75	2.46	4.63	≤ 5.00
802.11ax-HE40	MCS0	227	7085	-3.955	-4.547	-4.233	-3.154	91.75	2.46	4.91	≤ 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	Ant 3				
802.11ax-HE80	MCS0	39	6145	-4.394	-4.184	-4.555	-3.967	86.34	2.50	4.89	≤ 5.00
802.11ax-HE80	MCS0	55	6225	-3.807	-4.645	-5.288	-4.020	86.34	2.50	4.76	≤ 5.00
802.11ax-HE80	MCS0	87	6385	-4.649	-3.606	-4.234	-4.335	86.34	2.50	4.97	≤ 5.00
802.11ax-HE80	MCS0	103	6465	-3.858	-3.861	-4.640	-4.129	86.34	2.41	4.96	≤ 5.00
802.11ax-HE80	MCS0	119	6545	-4.227	-4.584	-4.951	-4.000	86.34	2.49	4.72	≤ 5.00
802.11ax-HE80	MCS0	135	6625	-4.854	-3.832	-5.104	-4.724	86.34	2.49	4.55	≤ 5.00
802.11ax-HE80	MCS0	151	6705	-4.909	-5.166	-4.679	-3.597	86.34	2.49	4.60	≤ 5.00
802.11ax-HE80	MCS0	167	6785	-4.033	-4.494	-4.937	-3.924	86.34	2.49	4.82	≤ 5.00
802.11ax-HE80	MCS0	183	6865	-4.084	-5.627	-3.746	-3.624	86.34	2.49	4.95	≤ 5.00
802.11ax-HE80	MCS0	199	6945	-4.984	-5.041	-4.444	-3.477	86.34	2.46	4.68	≤ 5.00
802.11ax-HE80	MCS0	215	7025	-3.703	-4.982	-4.879	-4.300	86.34	2.46	4.68	≤ 5.00
802.11ax-HE160	MCS0	47	6185	-4.385	-5.191	-5.003	-4.342	78.27	2.50	4.87	≤ 5.00
802.11ax-HE160	MCS0	79	6345	-4.574	-5.014	-4.177	-5.350	78.27	2.50	4.83	≤ 5.00
802.11ax-HE160	MCS0	111	6505	-4.960	-4.753	-4.617	-4.642	78.27	2.49	4.83	≤ 5.00
802.11ax-HE160	MCS0	143	6665	-4.710	-4.194	-5.399	-5.335	78.27	2.49	4.69	≤ 5.00
802.11ax-HE160	MCS0	175	6825	-5.012	-5.210	-5.764	-3.936	78.27	2.49	4.65	≤ 5.00
802.11ax-HE160	MCS0	207	6985	-4.981	-4.907	-4.965	-3.859	78.27	2.46	4.89	≤ 5.00
802.11be-EHT20	MCS0	33	6115	-4.656	-4.051	-4.414	-3.645	95.35	2.50	4.55	≤ 5.00
802.11be-EHT20	MCS0	61	6255	-3.478	-4.101	-4.926	-4.239	95.35	2.50	4.57	≤ 5.00
802.11be-EHT20	MCS0	93	6415	-4.337	-3.296	-3.106	-4.444	95.35	2.50	4.97	≤ 5.00
802.11be-EHT20	MCS0	97	6435	-3.759	-3.305	-4.604	-3.445	95.35	2.41	4.89	≤ 5.00
802.11be-EHT20	MCS0	105	6475	-4.353	-3.741	-3.847	-3.739	95.35	2.41	4.72	≤ 5.00
802.11be-EHT20	MCS0	113	6515	-3.855	-3.952	-4.798	-3.137	95.35	2.41	4.74	≤ 5.00
802.11be-EHT20	MCS0	117	6535	-3.857	-4.477	-4.570	-3.160	95.35	2.49	4.74	≤ 5.00
802.11be-EHT20	MCS0	149	6695	-4.159	-4.251	-4.824	-3.125	95.35	2.49	4.67	≤ 5.00
802.11be-EHT20	MCS0	181	6855	-3.099	-4.007	-3.943	-4.113	95.35	2.49	4.95	≤ 5.00
802.11be-EHT20	MCS0	185	6875	-3.655	-4.709	-3.996	-3.864	95.35	2.49	4.68	≤ 5.00
802.11be-EHT20	MCS0	189	6895	-3.401	-4.268	-4.120	-3.576	95.35	2.46	4.86	≤ 5.00
802.11be-EHT20	MCS0	209	6995	-3.869	-4.562	-3.721	-3.522	95.35	2.46	4.79	≤ 5.00
802.11be-EHT20	MCS0	229	7095	-3.820	-4.042	-4.633	-3.402	95.35	2.46	4.74	≤ 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	Ant 3				
802.11be-EHT40	MCS0	35	6125	-4.376	-4.095	-3.706	-3.763	91.84	2.50	4.91	≤ 5.00
802.11be-EHT40	MCS0	59	6245	-3.482	-4.217	-4.508	-3.927	91.84	2.50	4.87	≤ 5.00
802.11be-EHT40	MCS0	91	6405	-4.678	-3.965	-3.054	-4.113	91.84	2.50	4.98	≤ 5.00
802.11be-EHT40	MCS0	99	6445	-4.084	-3.782	-4.267	-3.343	91.84	2.41	4.95	≤ 5.00
802.11be-EHT40	MCS0	107	6485	-4.688	-3.746	-3.774	-3.230	91.84	2.41	4.97	≤ 5.00
802.11be-EHT40	MCS0	115	6525	-3.884	-3.731	-5.120	-3.935	91.84	2.49	4.75	≤ 5.00
802.11be-EHT40	MCS0	123	6565	-3.844	-4.513	-4.608	-3.196	91.84	2.49	4.88	≤ 5.00
802.11be-EHT40	MCS0	147	6685	-4.233	-4.167	-4.886	-3.408	91.84	2.49	4.74	≤ 5.00
802.11be-EHT40	MCS0	179	6845	-3.432	-4.864	-4.193	-4.033	91.84	2.49	4.78	≤ 5.00
802.11be-EHT40	MCS0	187	6885	-3.579	-4.657	-4.274	-3.305	91.84	2.49	4.96	≤ 5.00
802.11be-EHT40	MCS0	195	6925	-3.877	-4.642	-4.374	-3.704	91.84	2.46	4.72	≤ 5.00
802.11be-EHT40	MCS0	211	7005	-4.228	-4.868	-4.252	-3.660	91.84	2.46	4.62	≤ 5.00
802.11be-EHT40	MCS0	227	7085	-3.862	-4.296	-4.280	-3.252	91.84	2.46	4.95	≤ 5.00
802.11be-EHT80	MCS0	39	6145	-4.456	-4.043	-4.724	-4.207	84.54	2.50	4.90	≤ 5.00
802.11be-EHT80	MCS0	55	6225	-3.938	-4.428	-4.901	-4.178	84.54	2.50	4.90	≤ 5.00
802.11be-EHT80	MCS0	87	6385	-5.021	-3.626	-4.208	-4.821	84.54	2.50	4.87	≤ 5.00
802.11be-EHT80	MCS0	103	6465	-4.773	-3.934	-4.428	-3.921	84.54	2.41	4.91	≤ 5.00
802.11be-EHT80	MCS0	119	6545	-4.638	-4.535	-5.419	-4.043	84.54	2.49	4.61	≤ 5.00
802.11be-EHT80	MCS0	135	6625	-5.060	-3.854	-5.347	-4.666	84.54	2.49	4.55	≤ 5.00
802.11be-EHT80	MCS0	151	6705	-4.856	-5.142	-4.773	-3.583	84.54	2.49	4.69	≤ 5.00
802.11be-EHT80	MCS0	167	6785	-3.906	-4.397	-4.708	-4.061	84.54	2.49	4.98	≤ 5.00
802.11be-EHT80	MCS0	183	6865	-3.589	-4.004	-5.036	-5.059	84.54	2.49	4.87	≤ 5.00
802.11be-EHT80	MCS0	199	6945	-5.027	-5.066	-4.633	-4.023	84.54	2.46	4.54	≤ 5.00
802.11be-EHT80	MCS0	215	7025	-3.810	-5.048	-5.097	-4.306	84.54	2.46	4.68	≤ 5.00
802.11be-EHT160	MCS0	47	6185	-4.905	-4.602	-5.135	-4.549	79.08	2.50	4.75	≤ 5.00
802.11be-EHT160	MCS0	79	6345	-4.440	-5.439	-4.134	-5.167	79.08	2.50	4.78	≤ 5.00
802.11be-EHT160	MCS0	111	6505	-5.275	-4.978	-4.735	-4.838	79.08	2.49	4.58	≤ 5.00
802.11be-EHT160	MCS0	143	6665	-5.334	-4.037	-5.354	-5.484	79.08	2.49	4.52	≤ 5.00
802.11be-EHT160	MCS0	175	6825	-4.941	-5.385	-5.586	-3.724	79.08	2.49	4.68	≤ 5.00
802.11be-EHT160	MCS0	207	6985	-5.021	-4.934	-4.849	-3.590	79.08	2.46	4.94	≤ 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	Ant 3				
802.11be-EHT320-1	MCS0	95	6425	-5.491	-4.165	-3.830	-5.580	76.95	2.50	4.96	≤ 5.00
802.11be-EHT320-1	MCS0	159	6745	-5.010	-5.096	-5.305	-4.402	76.95	2.49	4.71	≤ 5.00
802.11be-EHT320-2	MCS0	63	6265	-4.261	-4.976	-5.440	-5.154	76.95	2.50	4.72	≤ 5.00
802.11be-EHT320-2	MCS0	127	6585	-4.504	-5.140	-4.993	-5.200	76.95	2.49	4.70	≤ 5.00
802.11be-EHT320-2	MCS0	191	6905	-4.693	-5.158	-5.249	-3.846	76.95	2.49	4.95	≤ 5.00

Note: When EUT duty cycle < 98%, EIRP PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/MHz) + $10 \cdot \log (1/\text{Duty Cycle})$ + Antenna Gain (dBi).

When EUT duty cycle ≥ 98%, EIRP PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/MHz) + Antenna Gain (dBi).

802.11ax-HE20 Power Spectral Density - Ant 0 (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 0 (Nss = 4)

Channel 181 (6855MHz)



Channel 185 (6875MHz)



Channel 189 (6895MHz)



Channel 209 (6995MHz)



Channel 229 (7095MHz)

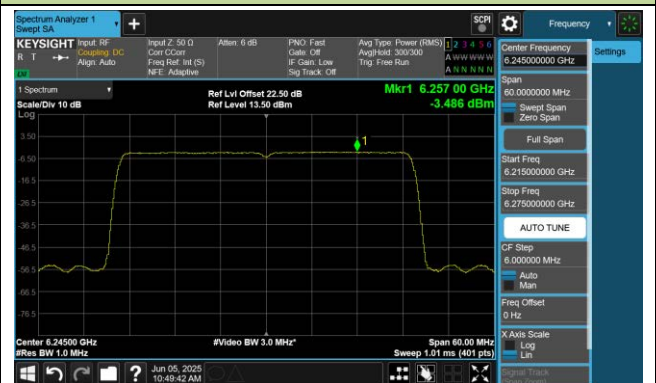


802.11ax-HE40 Power Spectral Density - Ant 0 (Nss = 4)

Channel 35 (6125MHz)



Channel 59 (6245MHz)



Channel 91 (6405MHz)



Channel 99 (6445MHz)



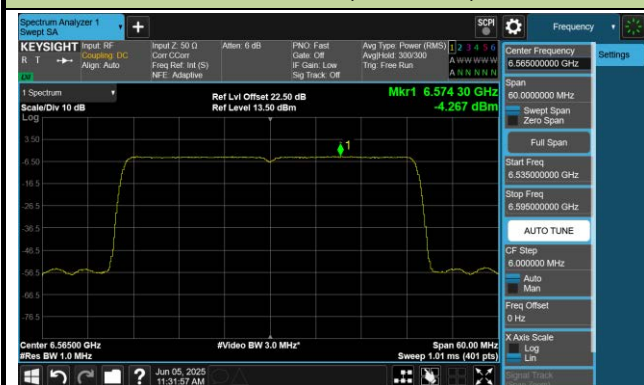
Channel 107 (6485MHz)



Channel 115 (6525MHz)



Channel 123 (6565MHz)

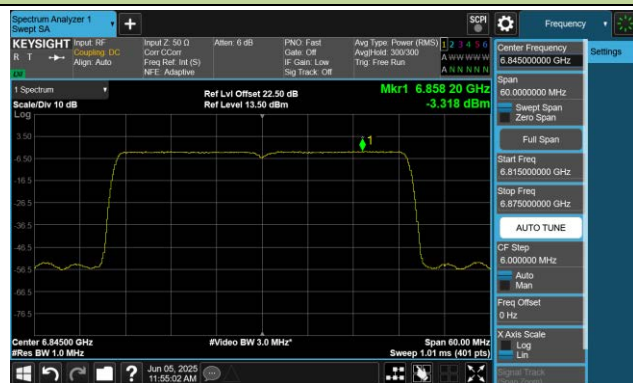


Channel 147 (6685MHz)



802.11ax-HE40 Power Spectral Density - Ant 0 (Nss = 4)

Channel 179 (6845MHz)



Channel 187 (6885MHz)



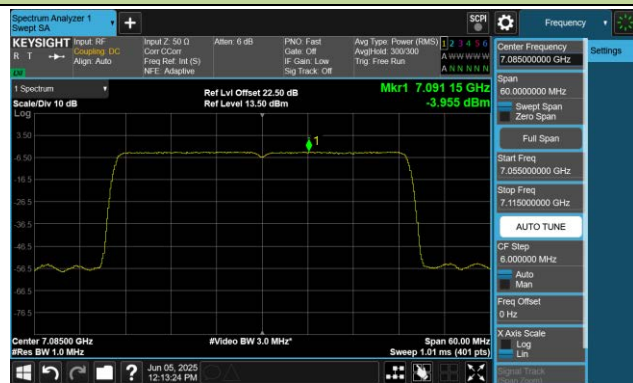
Channel 195 (6925MHz)



Channel 211 (7005MHz)



Channel 227 (7085MHz)



802.11ax-HE80 Power Spectral Density - Ant 0 (Nss = 4)

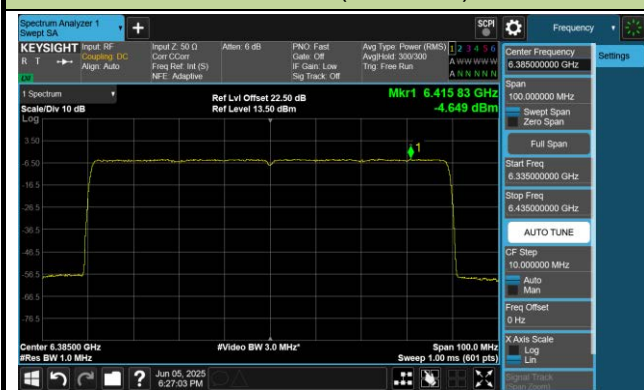
Channel 39 (6145MHz)



Channel 55 (6225MHz)



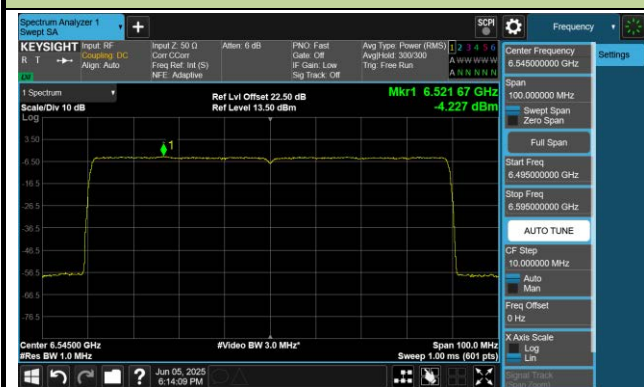
Channel 87 (6385MHz)



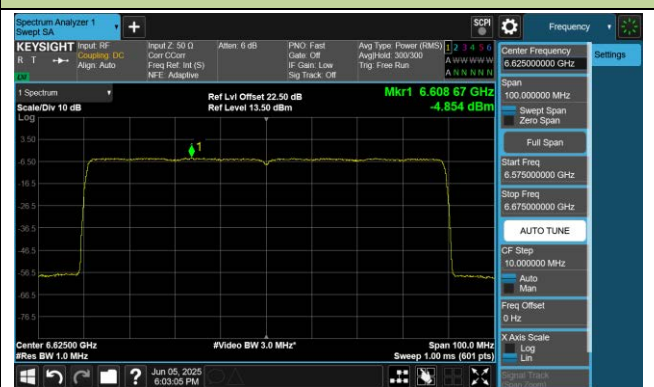
Channel 103 (6465MHz)



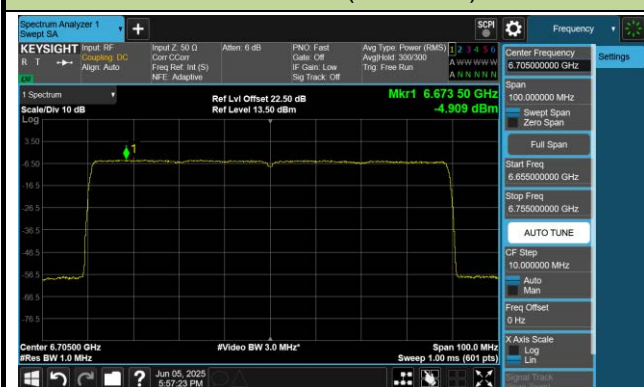
Channel 119 (6545MHz)



Channel 135 (6625MHz)



Channel 151 (6705MHz)

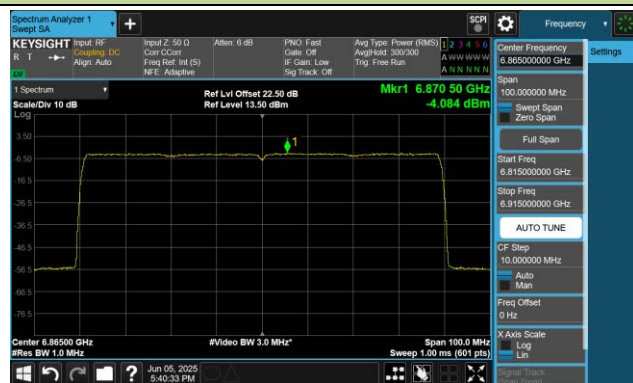


Channel 167 (6785MHz)



802.11ax-HE80 Power Spectral Density - Ant 0 (Nss = 4)

Channel 183 (6865MHz)



Channel 199 (6945MHz)

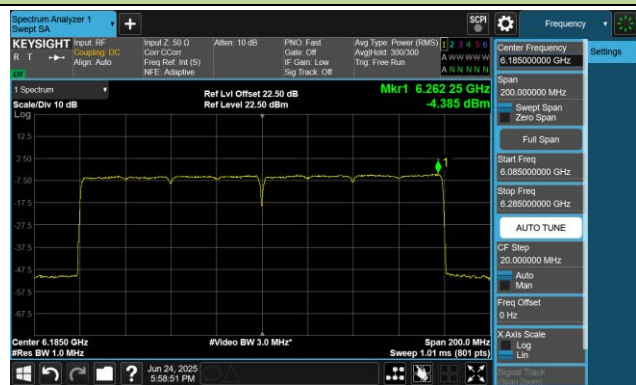


Channel 215 (7025MHz)

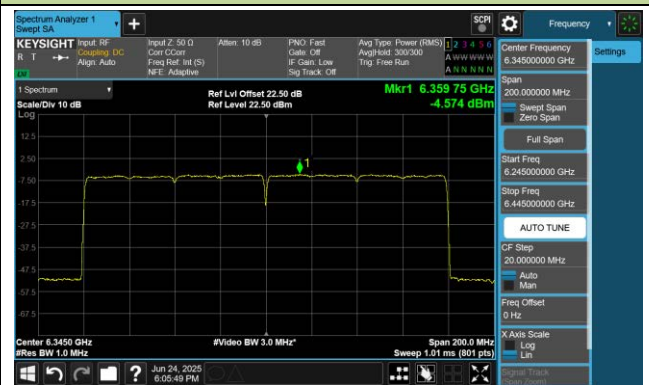


802.11ax-HE160 Power Spectral Density - Ant 0 (Nss = 4)

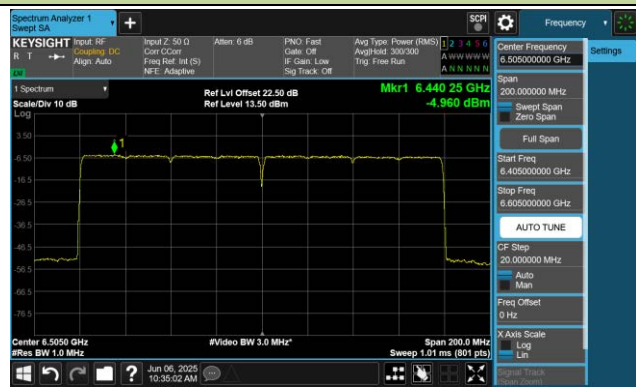
Channel 47 (6185MHz)



Channel 79 (6345MHz)



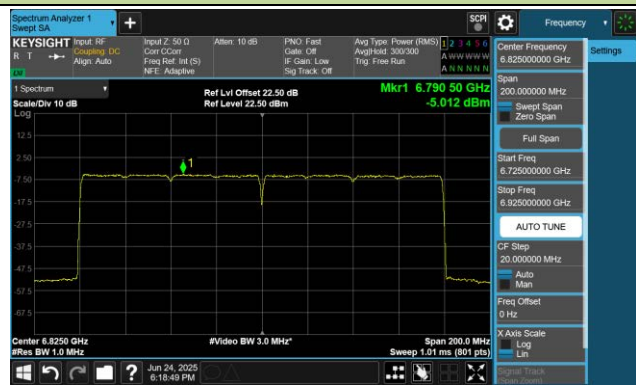
Channel 111 (6505MHz)



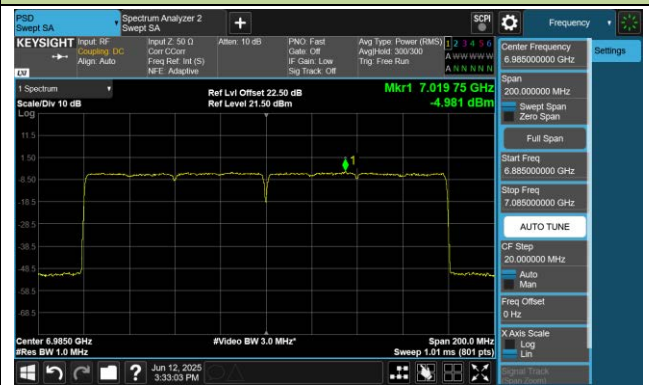
Channel 143 (6665MHz)



Channel 175 (6825MHz)



Channel 207 (6985MHz)



802.11be-EHT20 Power Spectral Density - Ant 0 (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 0 (Nss = 4)

Channel 181 (6855MHz)



Channel 185 (6875MHz)



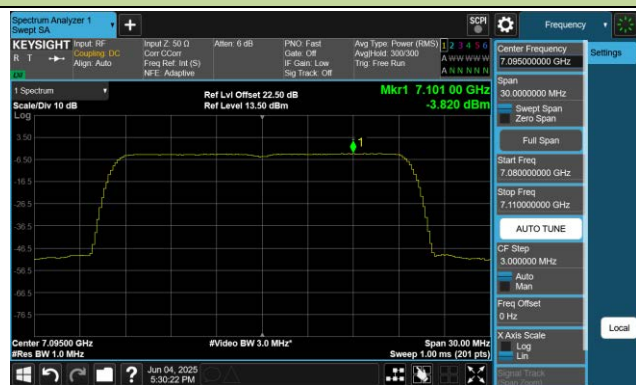
Channel 189 (6895MHz)



Channel 209 (6995MHz)



Channel 229 (7095MHz)



802.11be-EHT40 Power Spectral Density - Ant 0 (Nss = 4)

Channel 35 (6125MHz)



Channel 59 (6245MHz)



Channel 91 (6405MHz)



Channel 99 (6445MHz)



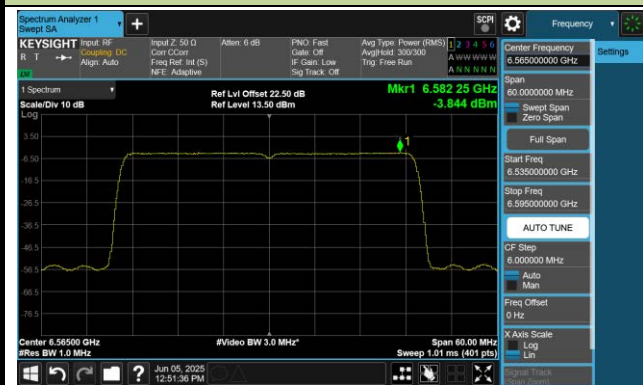
Channel 107 (6485MHz)



Channel 115 (6525MHz)



Channel 123 (6565MHz)



Channel 147 (6685MHz)



802.11be-EHT40 Power Spectral Density - Ant 0 (Nss = 4)

Channel 179 (6845MHz)



Channel 187 (6885MHz)



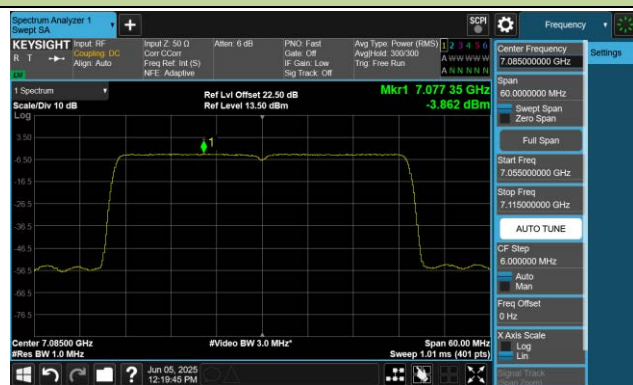
Channel 195 (6925MHz)



Channel 211 (7005MHz)

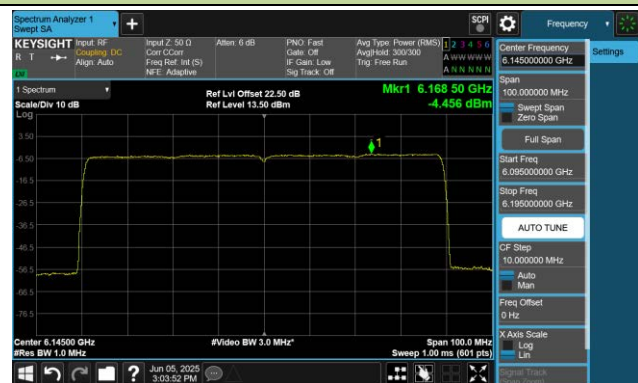


Channel 227 (7085MHz)



802.11be-EHT80 Power Spectral Density - Ant 0 (Nss = 4)

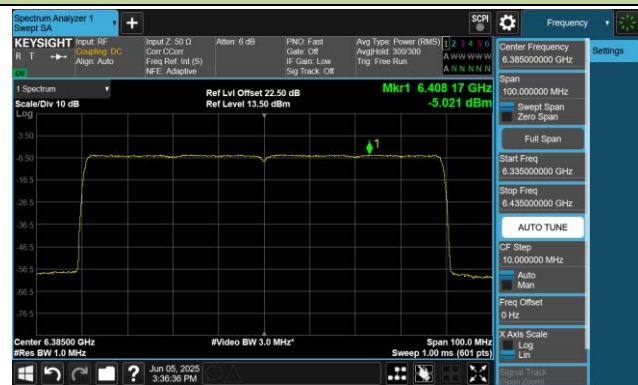
Channel 39 (6145MHz)



Channel 55 (6225MHz)



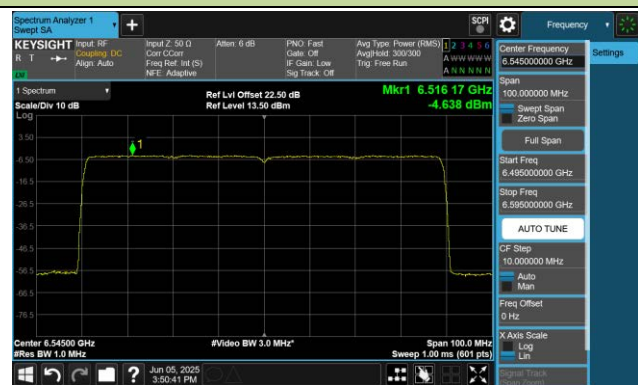
Channel 87 (6385MHz)



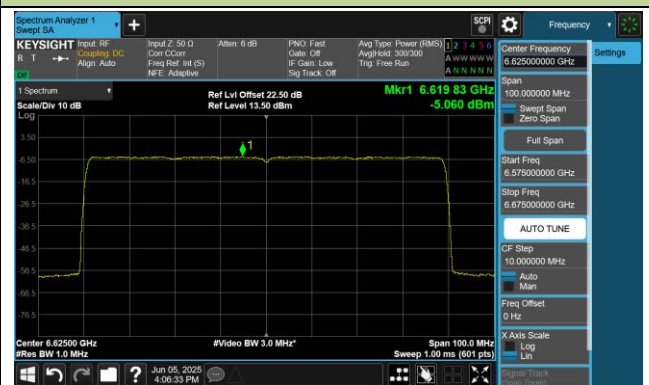
Channel 103 (6465MHz)



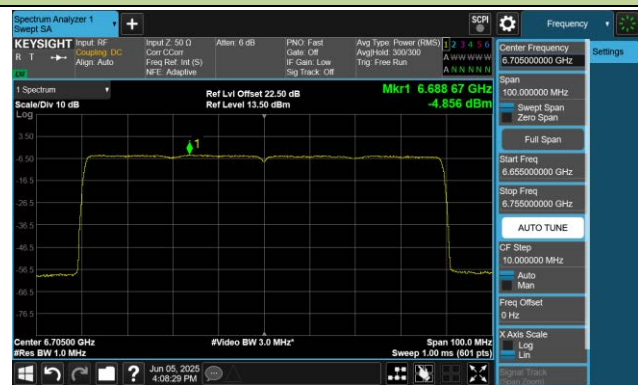
Channel 119 (6545MHz)



Channel 135 (6625MHz)



Channel 151 (6705MHz)



Channel 167 (6785MHz)

