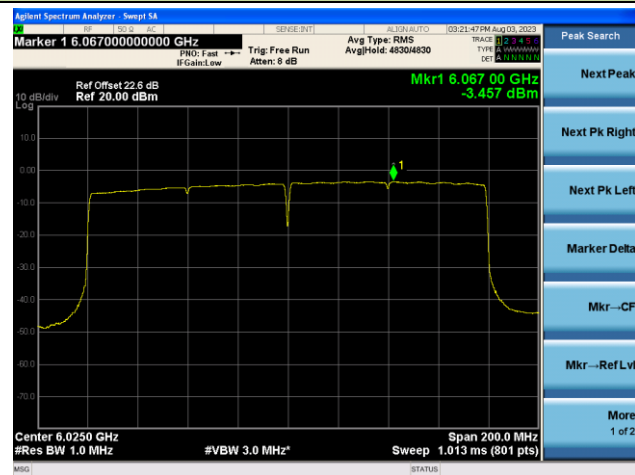
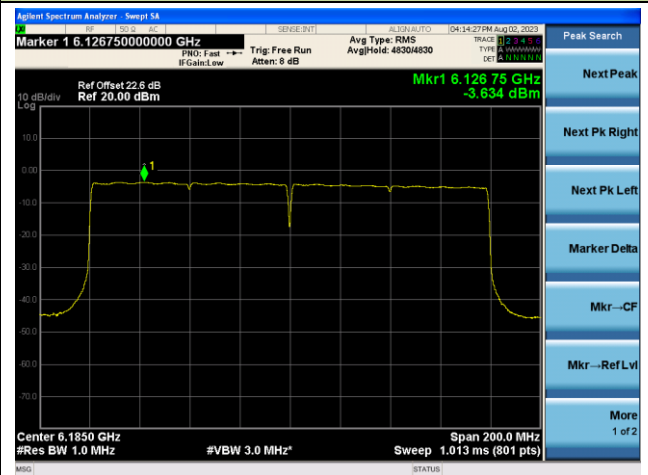


802.11ax-HE160 Power Spectral Density- Ant 2 (Nss = 1)

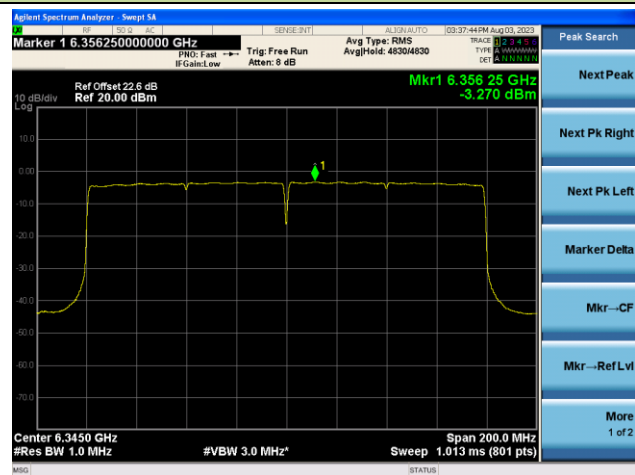
Channel 15 (6025MHz)



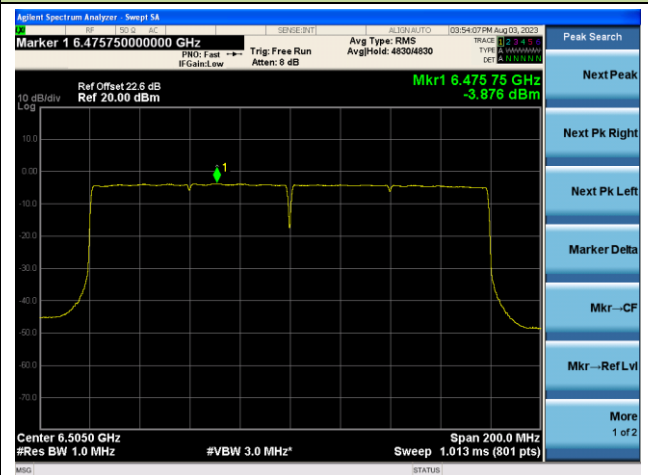
Channel 47 (6185MHz)



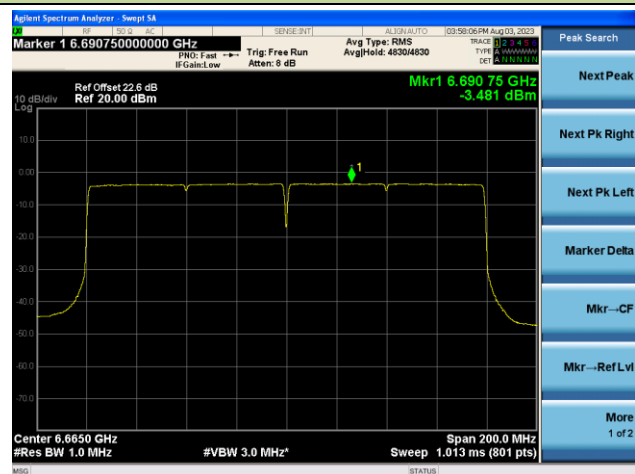
Channel 79 (6345MHz)



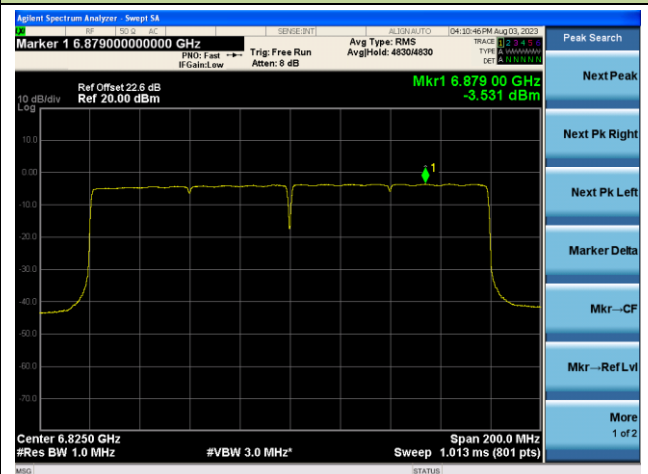
Channel 111 (6505MHz)

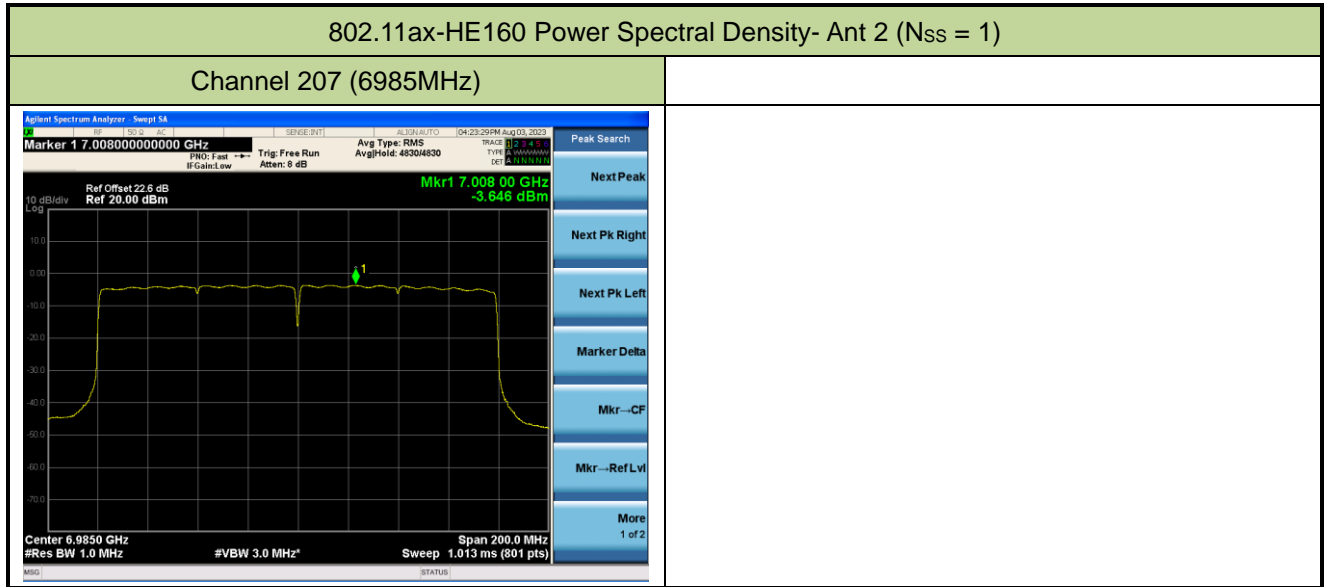


Channel 143 (6665MHz)



Channel 175 (6825MHz)





Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2023-08-18	Test Mode	N _{ss} = 2

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE20	MCS0	1	5955	-1.092	-1.420	84.11	2.00	4.51	≤ 5.00
802.11ax-HE20	MCS0	45	6175	-1.111	-1.103	84.11	2.00	4.65	≤ 5.00
802.11ax-HE20	MCS0	93	6415	-0.963	-0.712	84.11	2.00	4.93	≤ 5.00
802.11ax-HE20	MCS0	97	6435	-1.359	-1.090	84.11	2.00	4.54	≤ 5.00
802.11ax-HE20	MCS0	105	6475	-0.987	-0.934	84.11	2.00	4.80	≤ 5.00
802.11ax-HE20	MCS0	113	6515	-0.856	-0.970	84.11	2.00	4.85	≤ 5.00
802.11ax-HE20	MCS0	117	6535	-1.255	-1.410	84.11	2.00	4.43	≤ 5.00
802.11ax-HE20	MCS0	149	6695	-0.857	-1.033	84.11	2.00	4.82	≤ 5.00
802.11ax-HE20	MCS0	181	6855	-1.313	-1.094	84.11	2.00	4.56	≤ 5.00
802.11ax-HE20	MCS0	185	6875	-0.878	-0.997	84.11	2.00	4.82	≤ 5.00
802.11ax-HE20	MCS0	189	6895	-0.920	-0.870	84.11	2.00	4.87	≤ 5.00
802.11ax-HE20	MCS0	213	7015	-1.261	-1.380	84.11	2.00	4.44	≤ 5.00
802.11ax-HE20	MCS0	229	7095	-1.050	-0.594	84.11	2.00	4.95	≤ 5.00
802.11ax-HE40	MCS0	3	5965	-0.481	-0.584	90.94	2.00	4.89	≤ 5.00
802.11ax-HE40	MCS0	43	6165	-0.979	-0.813	90.94	2.00	4.53	≤ 5.00
802.11ax-HE40	MCS0	91	6405	-0.909	-0.431	90.94	2.00	4.76	≤ 5.00
802.11ax-HE40	MCS0	99	6445	-0.982	-0.567	90.94	2.00	4.65	≤ 5.00
802.11ax-HE40	MCS0	107	6485	-0.985	-0.993	90.94	2.00	4.43	≤ 5.00
802.11ax-HE40	MCS0	115	6525	-0.785	-0.583	90.94	2.00	4.74	≤ 5.00
802.11ax-HE40	MCS0	123	6565	-0.666	-1.382	90.94	2.00	4.41	≤ 5.00
802.11ax-HE40	MCS0	147	6685	-0.445	-0.534	90.94	2.00	4.93	≤ 5.00
802.11ax-HE40	MCS0	179	6845	-1.113	-0.782	90.94	2.00	4.48	≤ 5.00
802.11ax-HE40	MCS0	187	6885	-0.911	-0.906	90.94	2.00	4.51	≤ 5.00
802.11ax-HE40	MCS0	195	6925	-0.641	-0.700	90.94	2.00	4.75	≤ 5.00
802.11ax-HE40	MCS0	211	7005	-1.041	-1.182	90.94	2.00	4.31	≤ 5.00
802.11ax-HE40	MCS0	227	7085	-1.051	-0.231	90.94	2.00	4.80	≤ 5.00

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Duty Cycle (%)	Directional Gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE80	MCS0	7	5985	-0.779	-0.427	90.37	2.00	4.85	≤ 5.00
802.11ax-HE80	MCS0	39	6145	-0.802	-0.821	90.37	2.00	4.64	≤ 5.00
802.11ax-HE80	MCS0	87	6385	-1.193	-0.926	90.37	2.00	4.39	≤ 5.00
802.11ax-HE80	MCS0	103	6465	-1.027	-0.988	90.37	2.00	4.44	≤ 5.00
802.11ax-HE80	MCS0	119	6545	-0.696	-0.661	90.37	2.00	4.77	≤ 5.00
802.11ax-HE80	MCS0	135	6625	-0.801	-1.040	90.37	2.00	4.53	≤ 5.00
802.11ax-HE80	MCS0	151	6705	-0.636	-0.767	90.37	2.00	4.75	≤ 5.00
802.11ax-HE80	MCS0	167	6785	-0.927	-0.451	90.37	2.00	4.77	≤ 5.00
802.11ax-HE80	MCS0	183	6865	-0.826	-0.429	90.37	2.00	4.83	≤ 5.00
802.11ax-HE80	MCS0	199	6945	-0.894	-0.909	90.37	2.00	4.55	≤ 5.00
802.11ax-HE80	MCS0	215	7025	-0.958	-0.584	90.37	2.00	4.68	≤ 5.00
802.11ax-HE160	MCS0	15	6025	-0.874	-0.394	90.64	2.00	4.81	≤ 5.00
802.11ax-HE160	MCS0	47	6185	-0.580	-0.479	90.64	2.00	4.91	≤ 5.00
802.11ax-HE160	MCS0	79	6345	-0.766	-0.235	90.64	2.00	4.94	≤ 5.00
802.11ax-HE160	MCS0	111	6505	-1.099	-0.879	90.64	2.00	4.45	≤ 5.00
802.11ax-HE160	MCS0	143	6665	-0.589	-0.572	90.64	2.00	4.86	≤ 5.00
802.11ax-HE160	MCS0	175	6825	-0.893	-0.644	90.64	2.00	4.67	≤ 5.00
802.11ax-HE160	MCS0	207	6985	-1.035	-0.683	90.64	2.00	4.58	≤ 5.00

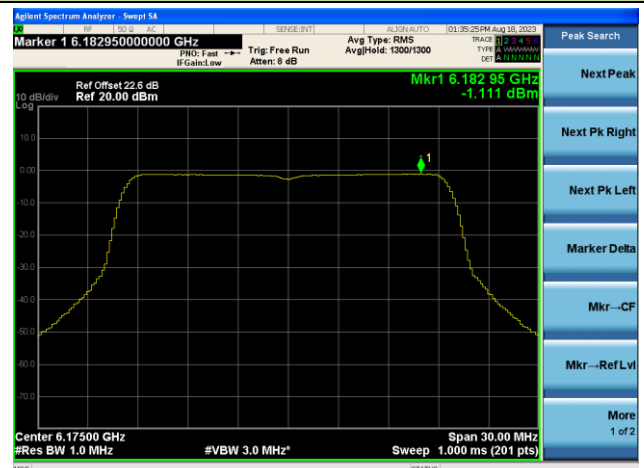
Note: When EUT duty cycle < 98%, EIRP PSD (dBm/MHz) = $10^{\text{Ant 1 PSD}/10} + 10^{\text{Ant 2 PSD}/10}$ (dBm/MHz) + $10 \cdot \log(1/\text{Duty Cycle})$ + Directional Gain (dBi).

802.11ax-HE20 Power Spectral Density- Ant 1 (Nss = 2)

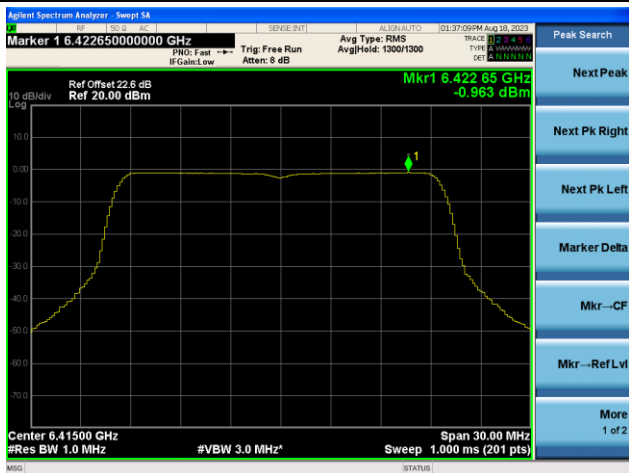
Channel 1 (5955MHz)



Channel 45 (6175MHz)



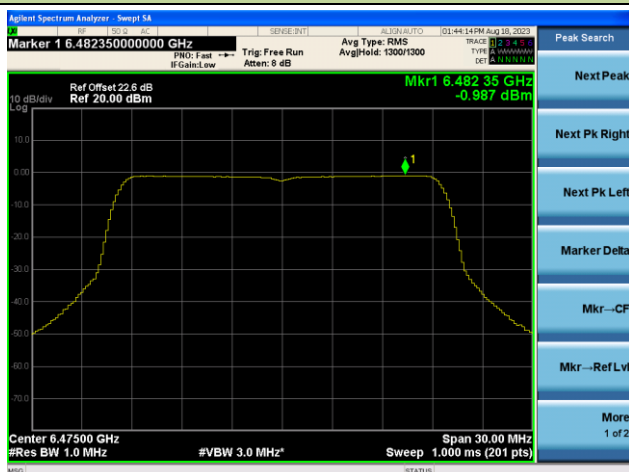
Channel 93 (6415MHz)



Channel 97 (6435MHz)



Channel 105 (6475MHz)

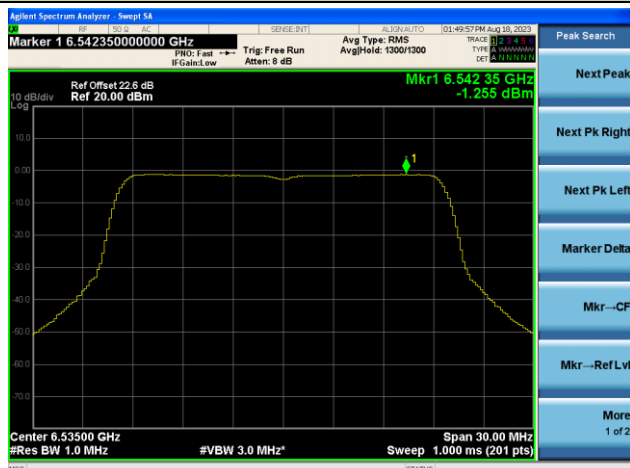


Channel 113 (6515MHz)

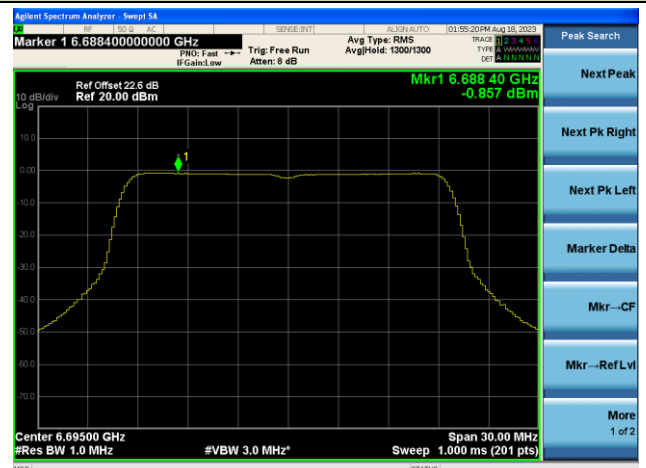


802.11ax-HE20 Power Spectral Density- Ant 1 (Nss = 2)

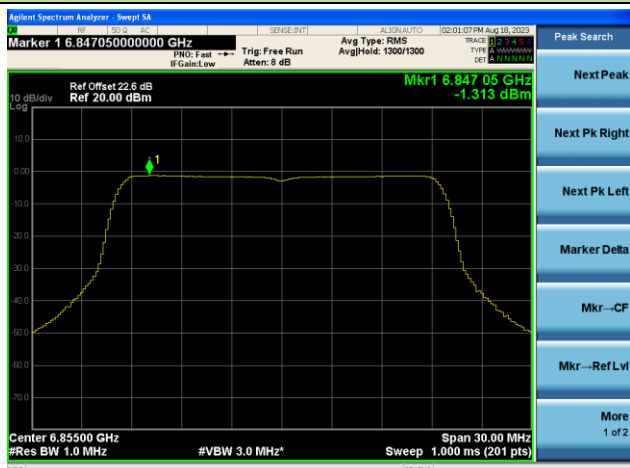
Channel 117 (6535MHz)



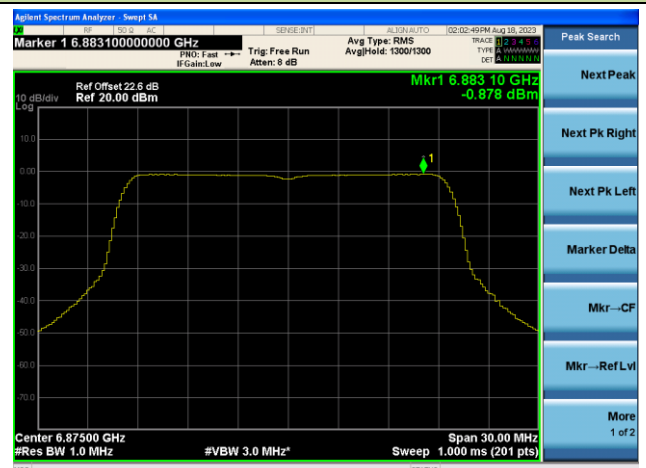
Channel 149 (6695MHz)



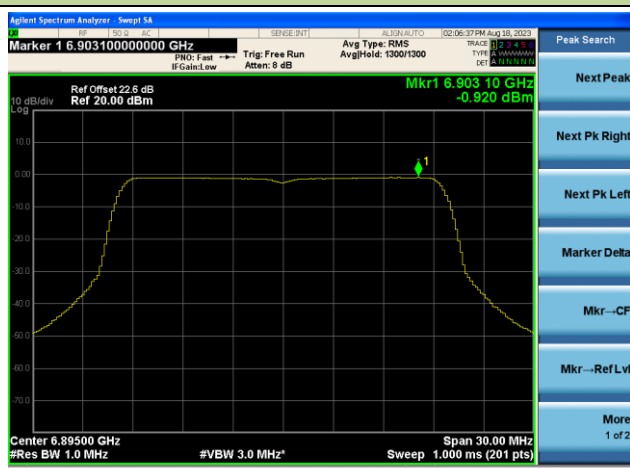
Channel 181 (6855MHz)



Channel 185 (6875MHz)



Channel 189 (6895MHz)

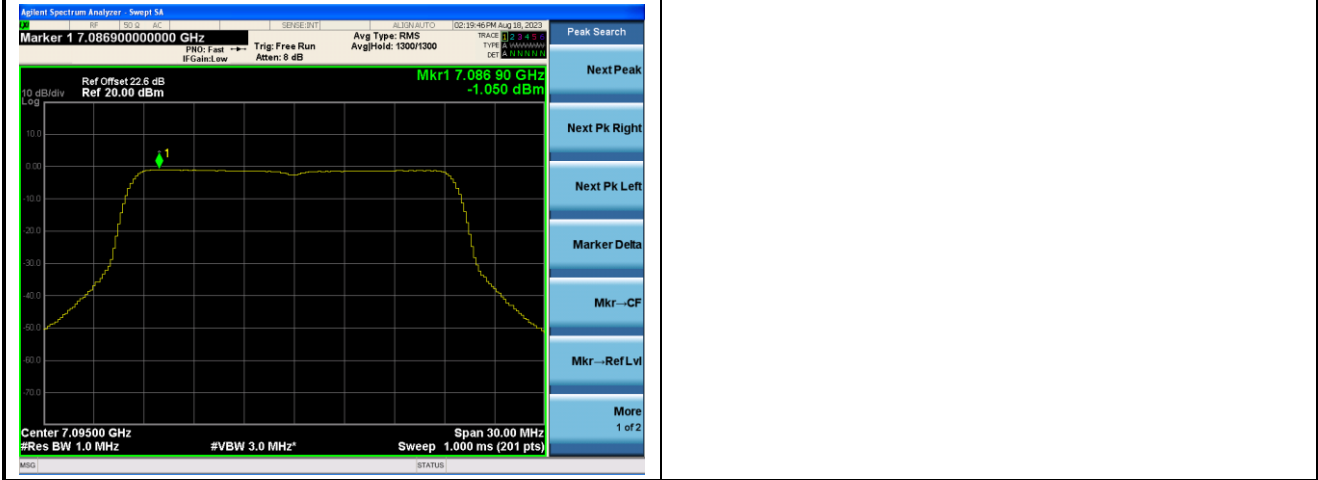


Channel 213 (7015MHz)



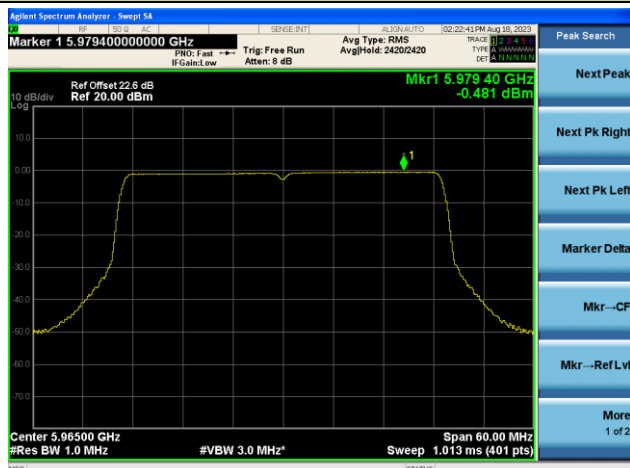
802.11ax-HE20 Power Spectral Density- Ant 1 (N_{ss} = 2)

Channel 229 (7095MHz)



802.11ax-HE40 Power Spectral Density- Ant 1 (Nss = 2)

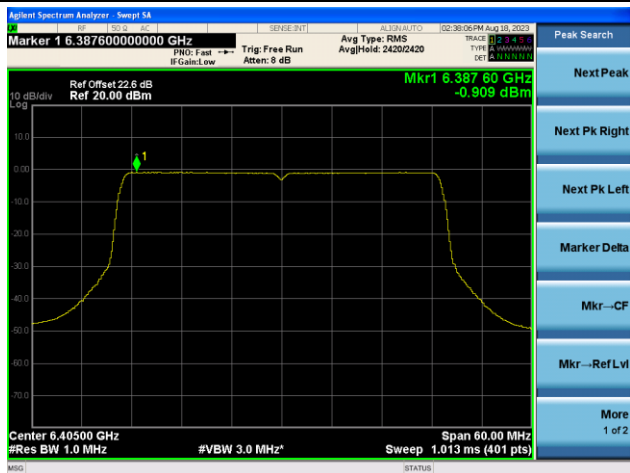
Channel 3 (5965MHz)



Channel 43 (6165MHz)



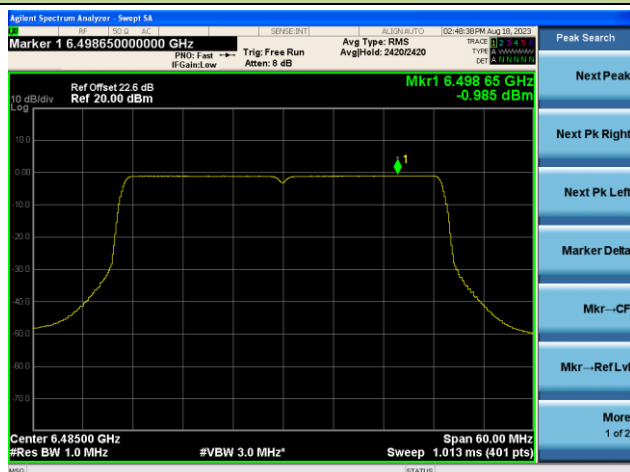
Channel 91 (6405MHz)



Channel 99 (6445MHz)



Channel 107 (6485MHz)

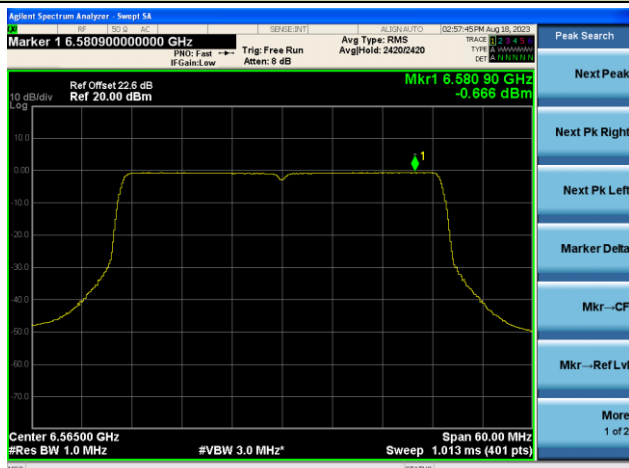


Channel 115 (6525MHz)

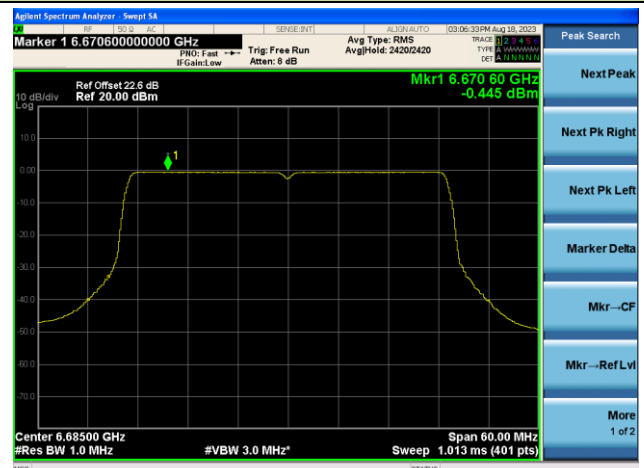


802.11ax-HE40 Power Spectral Density- Ant 1 (Nss = 2)

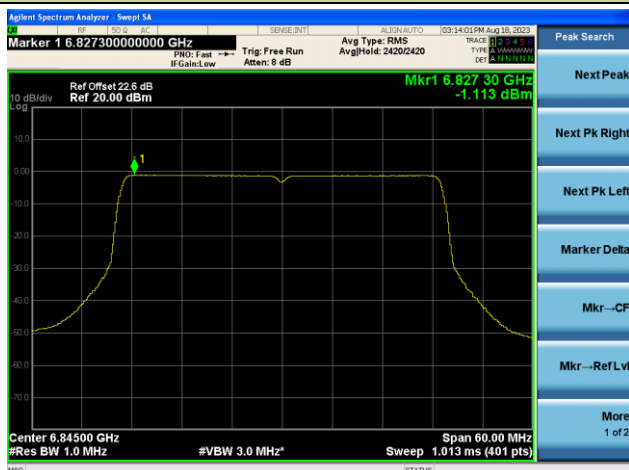
Channel 123 (6565MHz)



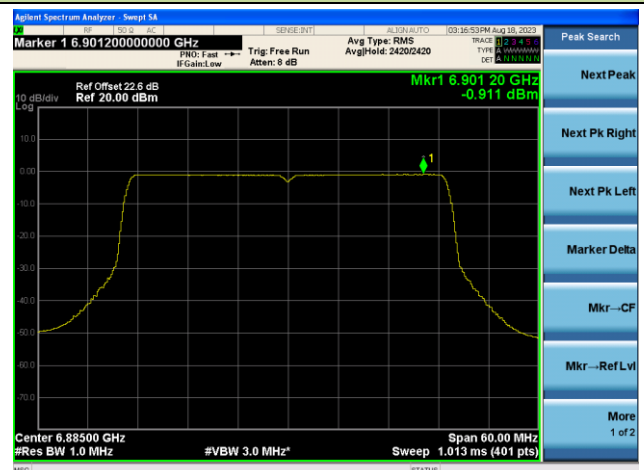
Channel 147 (6685MHz)



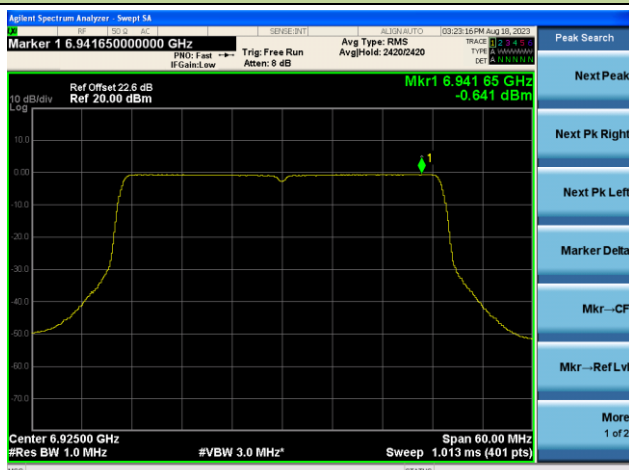
Channel 179 (6845MHz)



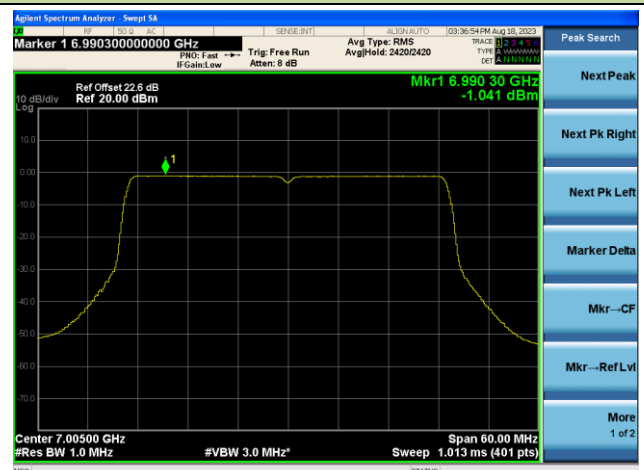
Channel 187 (6885MHz)

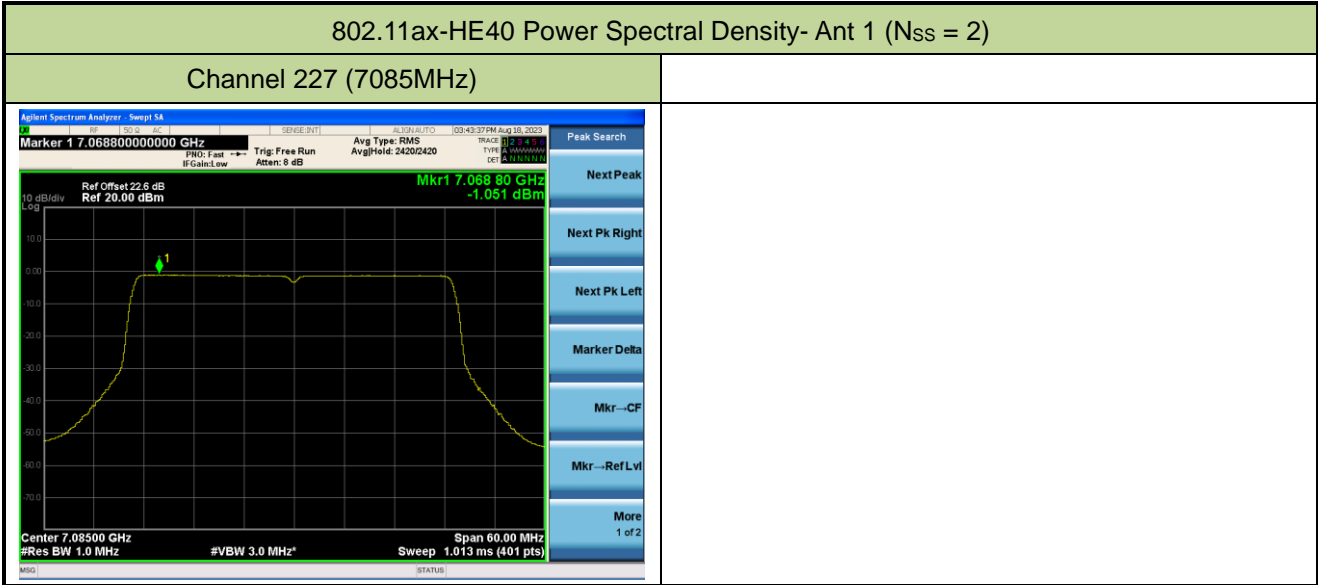


Channel 195 (6925MHz)



Channel 211 (7005MHz)





802.11ax-HE80 Power Spectral Density- Ant 1 (Nss = 2)

Channel 7 (5985MHz)



Channel 39 (6145MHz)



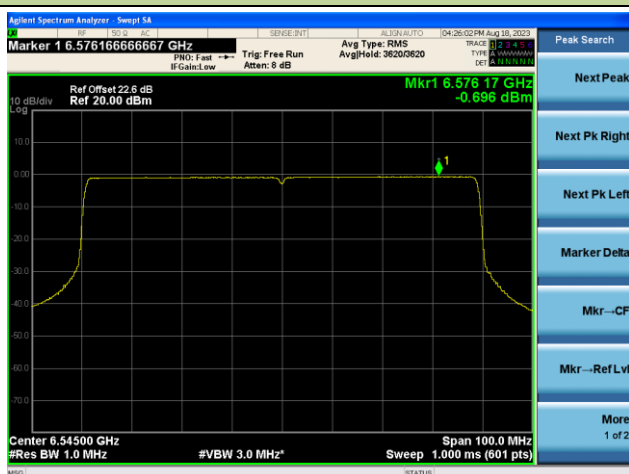
Channel 87 (6385MHz)



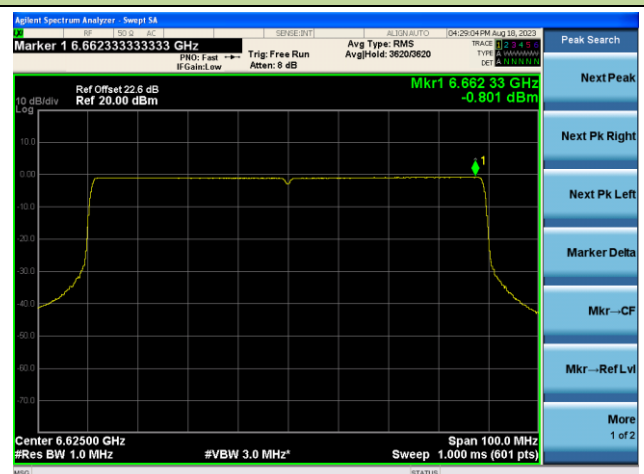
Channel 103 (6465MHz)



Channel 119 (6545MHz)



Channel 135 (6625MHz)



802.11ax-HE80 Power Spectral Density- Ant 1 (Nss = 2)

Channel 151 (6705MHz)



Channel 167 (6785MHz)



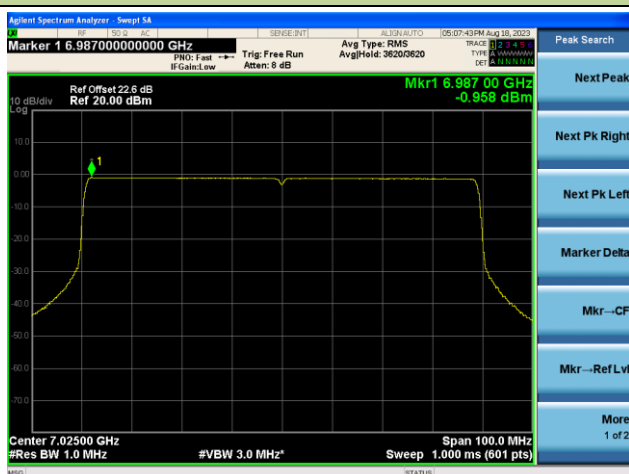
Channel 183 (6865MHz)



Channel 199 (6945MHz)



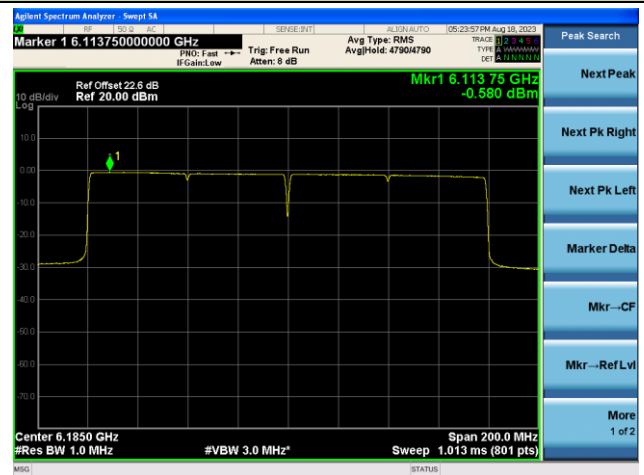
Channel 215 (7025MHz)



802.11ax-HE160 Power Spectral Density- Ant 1 (Nss = 2)

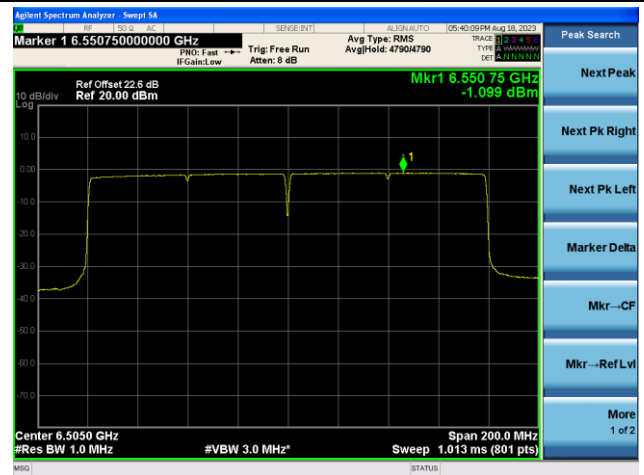
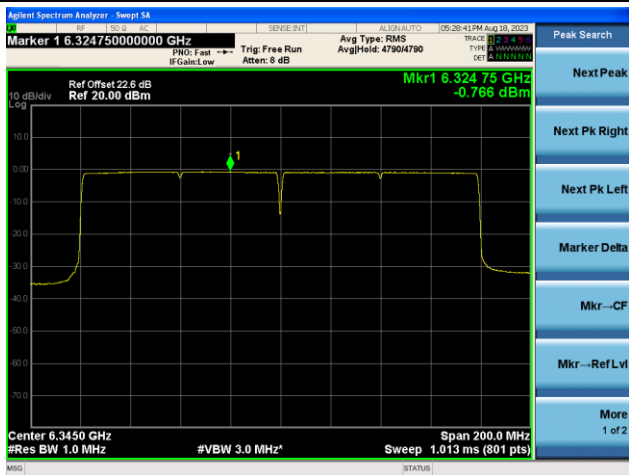
Channel 15 (6025MHz)

Channel 47 (6185MHz)



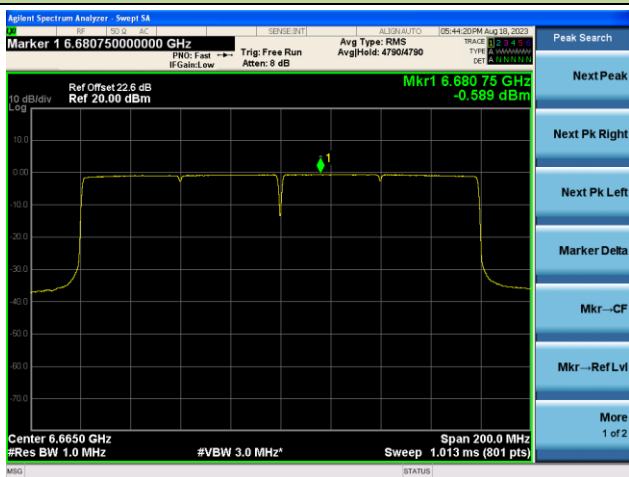
Channel 79 (6345MHz)

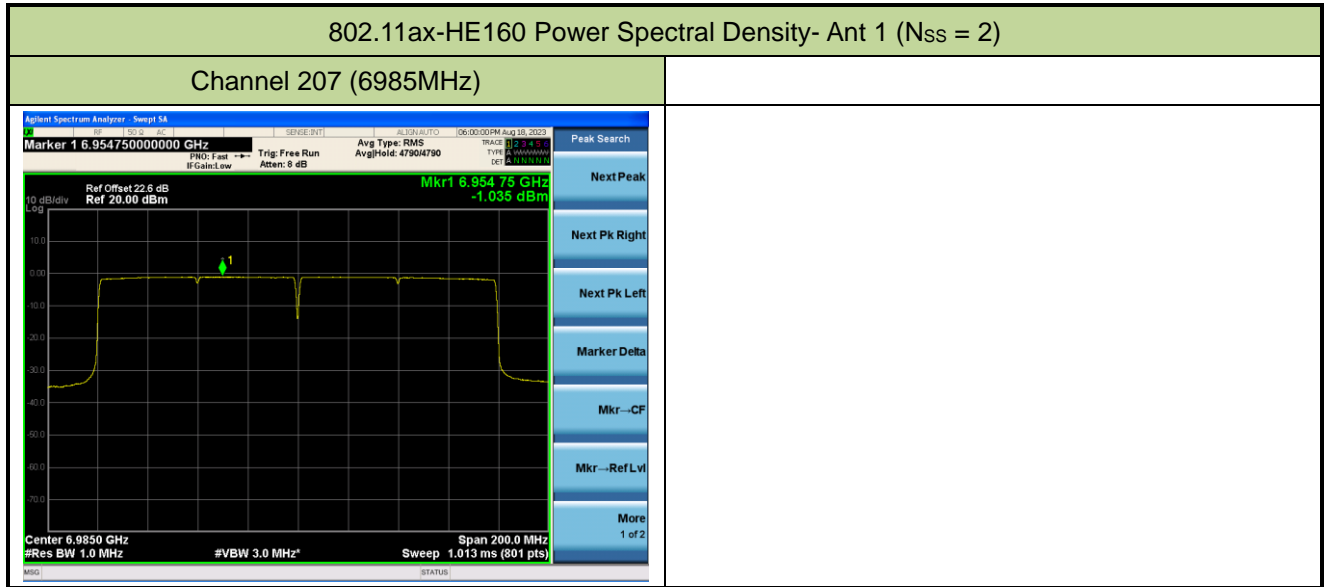
Channel 111 (6505MHz)



Channel 143 (6665MHz)

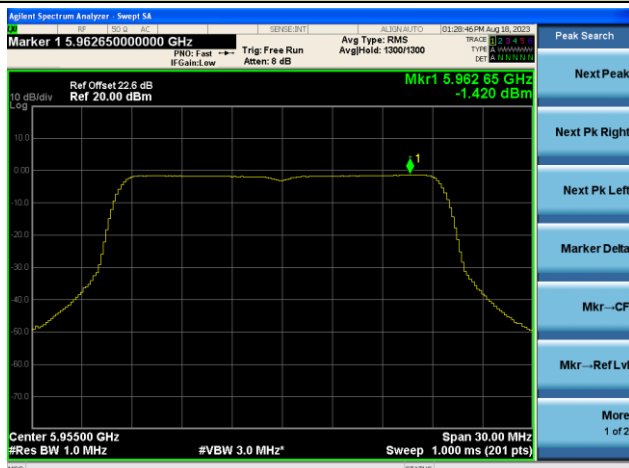
Channel 175 (6825MHz)



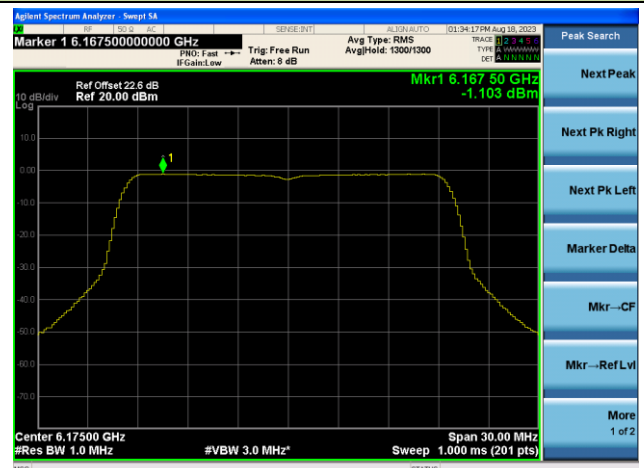


802.11ax-HE20 Power Spectral Density- Ant 2 (Nss = 2)

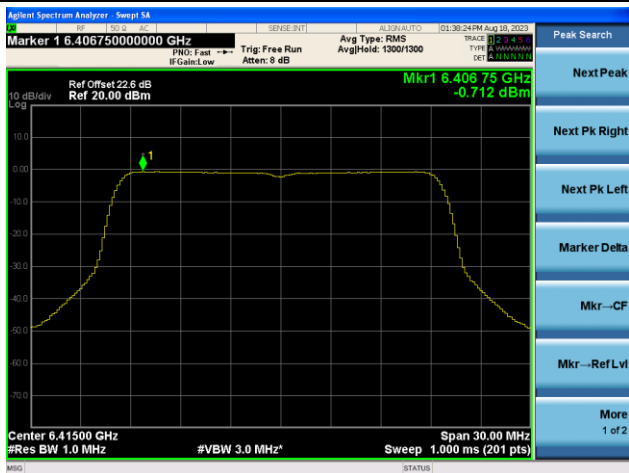
Channel 1 (5955MHz)



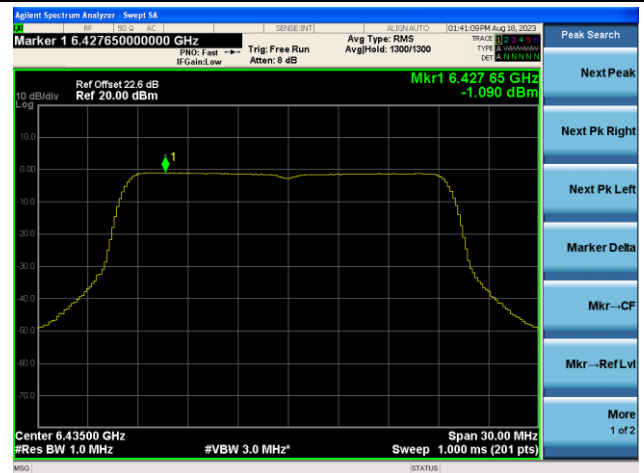
Channel 45 (6175MHz)



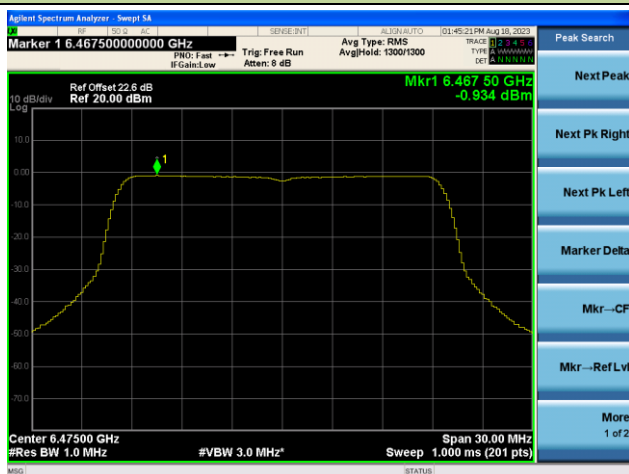
Channel 93 (6415MHz)



Channel 97 (6435MHz)



Channel 105 (6475MHz)



Channel 113 (6515MHz)



802.11ax-HE20 Power Spectral Density- Ant 2 (Nss = 2)

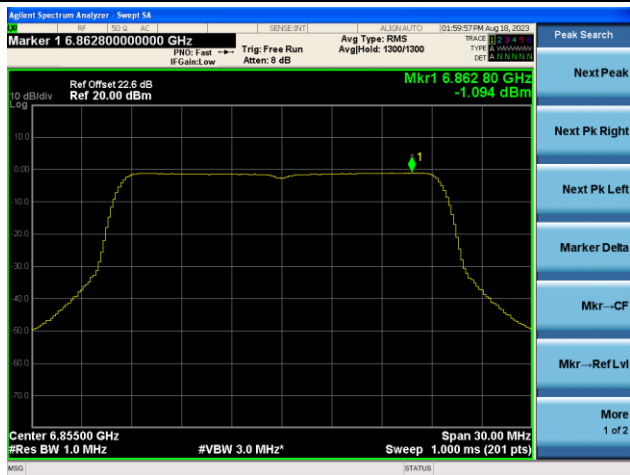
Channel 117 (6535MHz)



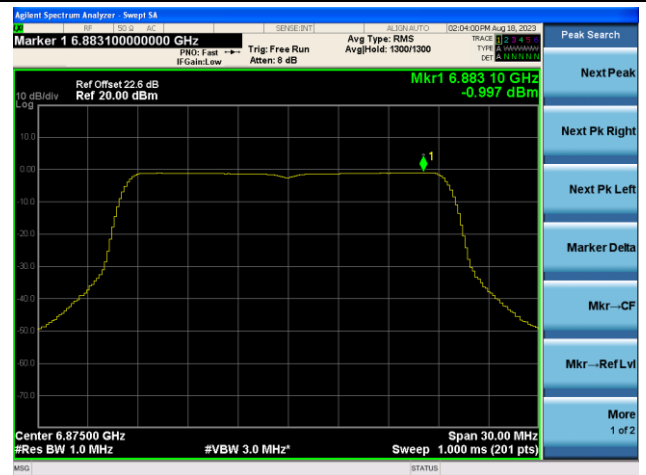
Channel 149 (6695MHz)



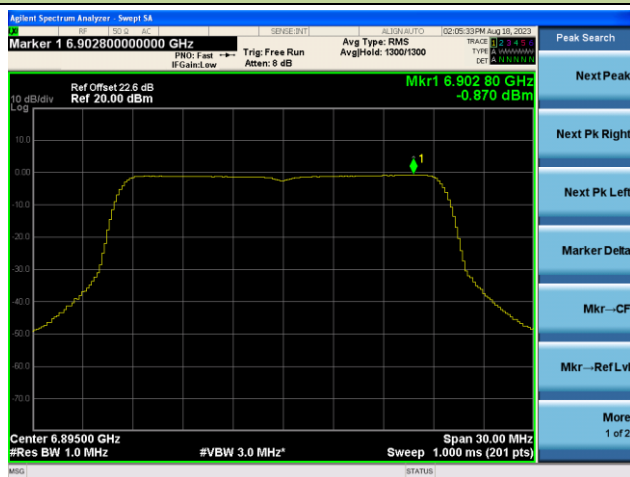
Channel 181 (6855MHz)



Channel 185 (6875MHz)



Channel 189 (6895MHz)

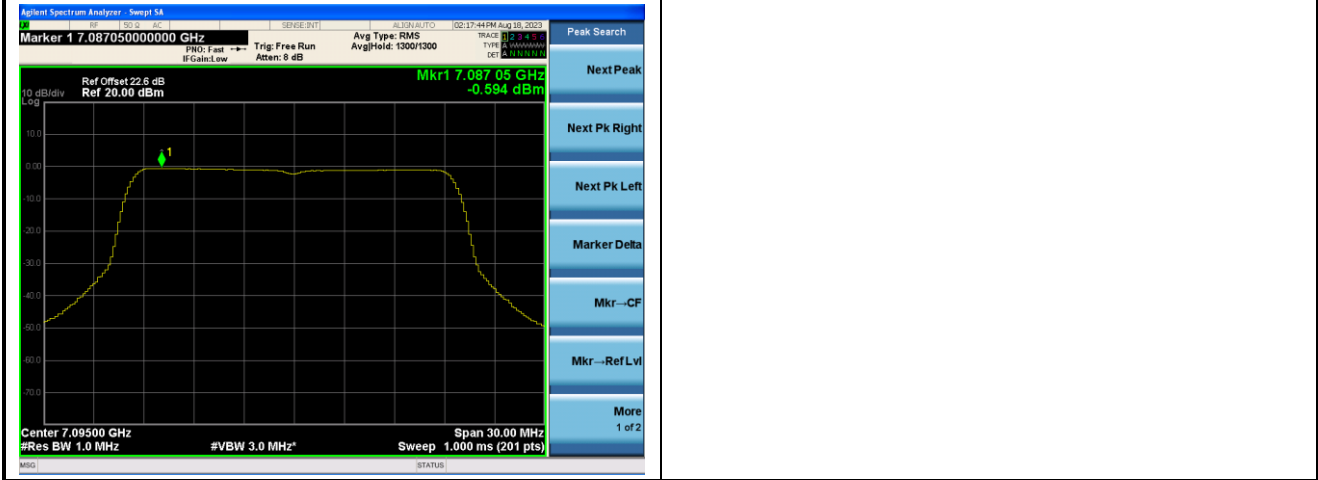


Channel 213 (7015MHz)



802.11ax-HE20 Power Spectral Density- Ant 2 (N_{ss} = 2)

Channel 229 (7095MHz)

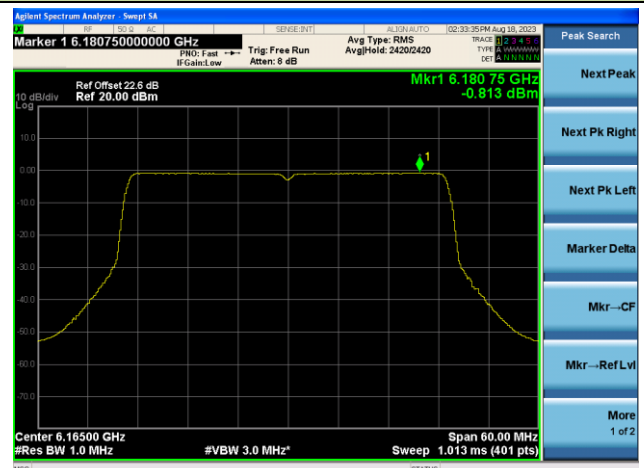


802.11ax-HE40 Power Spectral Density- Ant 2 (Nss = 2)

Channel 3 (5965MHz)



Channel 43 (6165MHz)



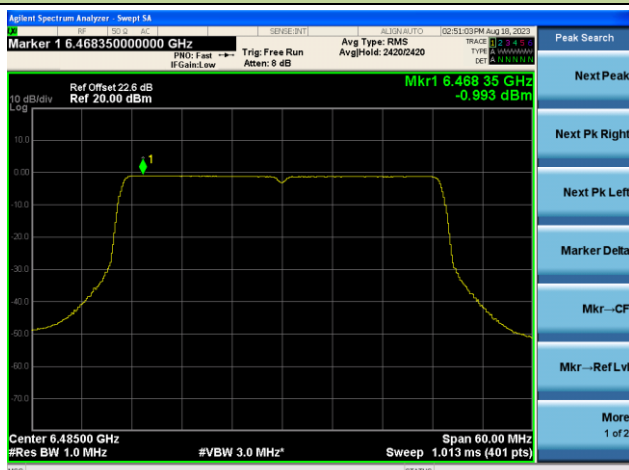
Channel 91 (6405MHz)



Channel 99 (6445MHz)



Channel 107 (6485MHz)



Channel 115 (6525MHz)

