

802.11ax-HE20 Power Spectral Density

Channel 01 (5955MHz)



Channel 49 (6195MHz)



Channel 93 (6415MHz)



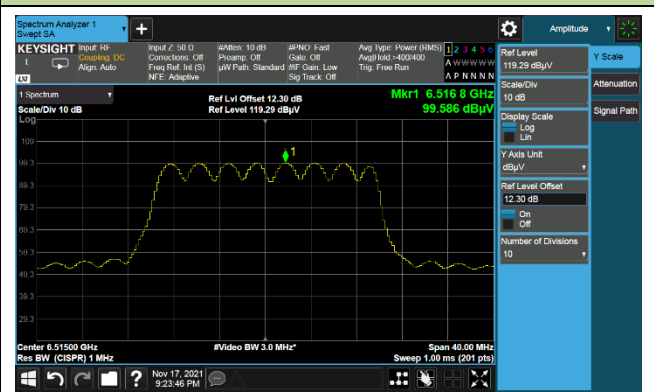
Channel 97 (6435MHz)



Channel 105 (6475MHz)



Channel 113 (6515MHz)



802.11ax-HE20 Power Spectral Density

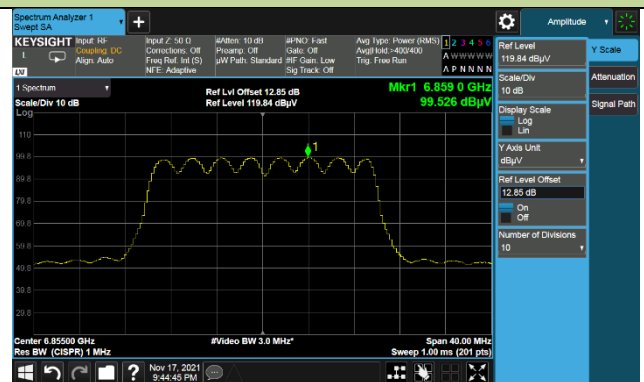
Channel 117 (6535MHz)



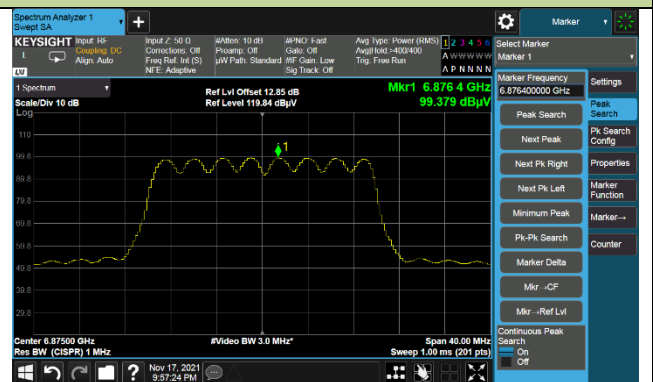
Channel 153 (6715MHz)



Channel 181 (6855MHz)



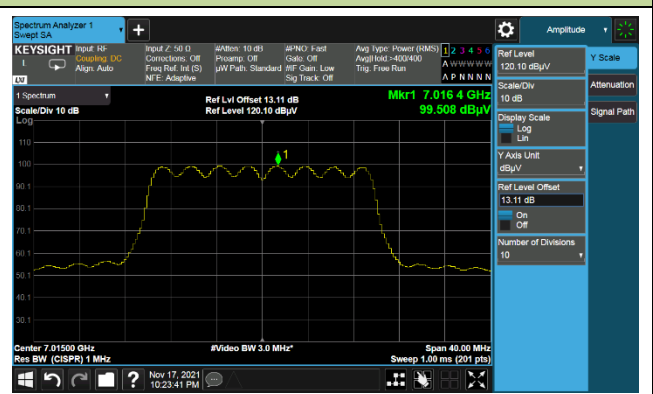
Channel 185 (6875MHz)

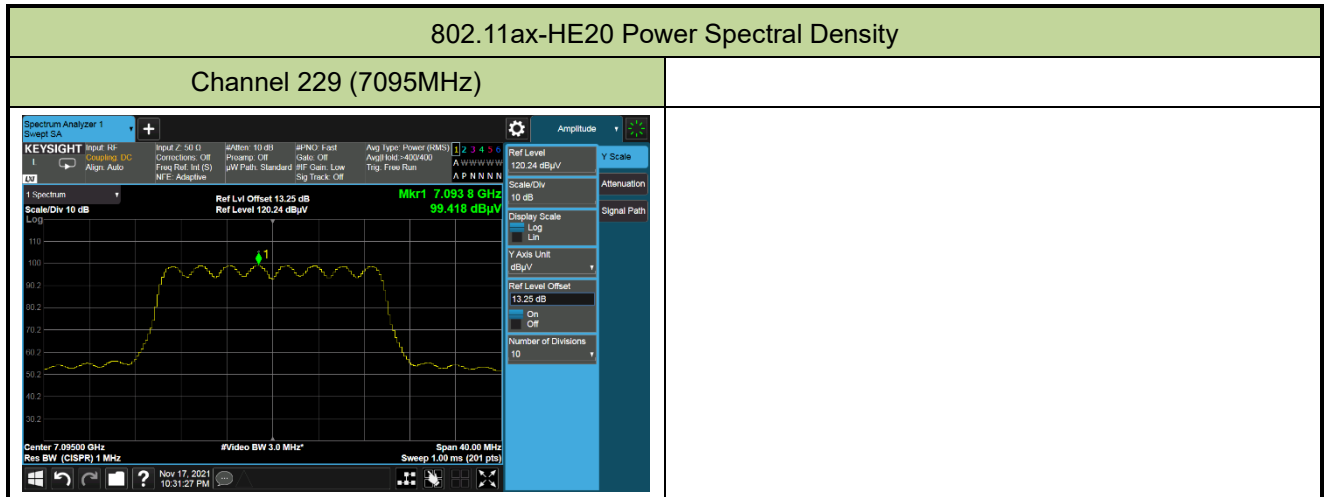


Channel 189 (6895MHz)



Channel 213 (7015MHz)





802.11ax-HE40 Power Spectral Density

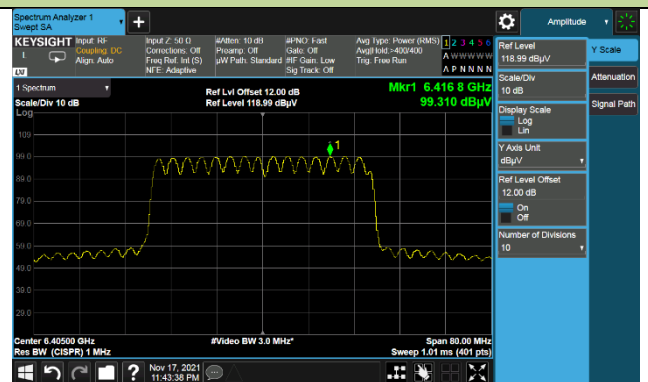
Channel 03 (5965MHz)



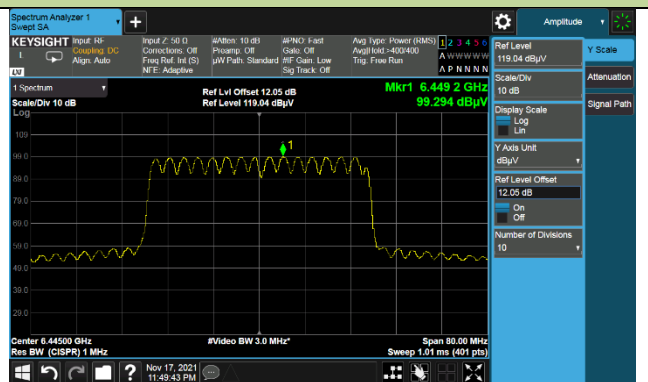
Channel 51 (6205MHz)



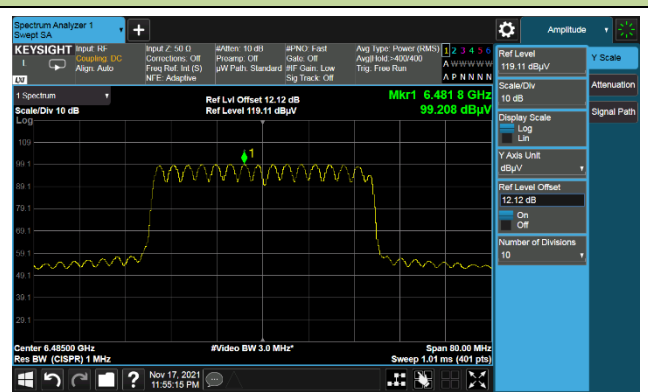
Channel 91 (6405MHz)



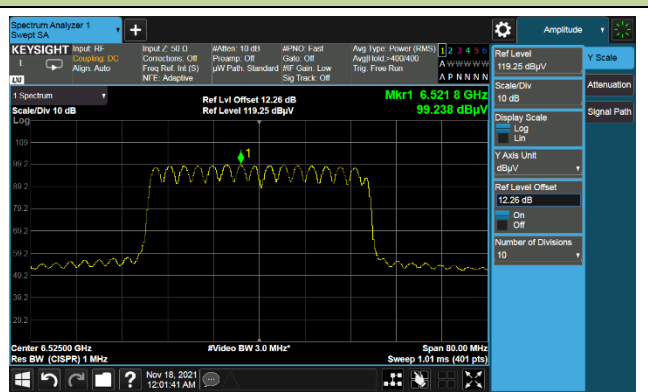
Channel 99 (6445MHz)



Channel 107 (6485MHz)

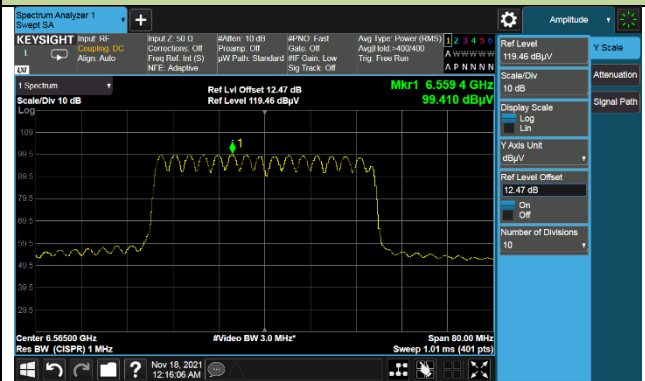


Channel 115 (6525MHz)



802.11ax-HE40 Power Spectral Density

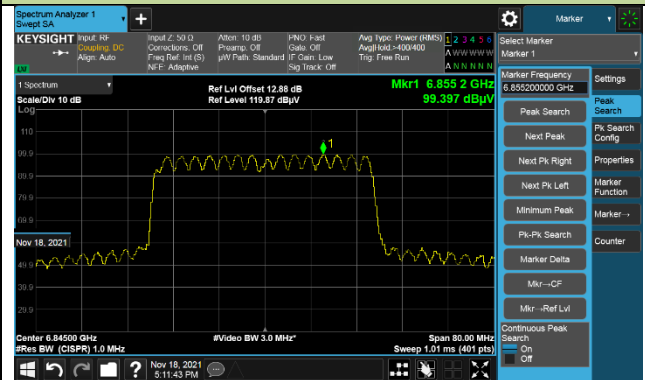
Channel 123 (6565MHz)



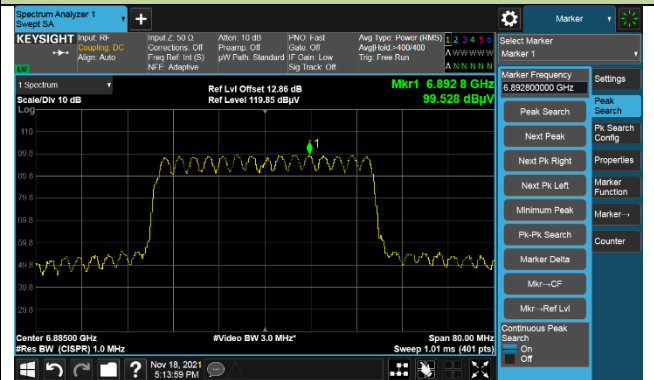
Channel 147 (6685MHz)



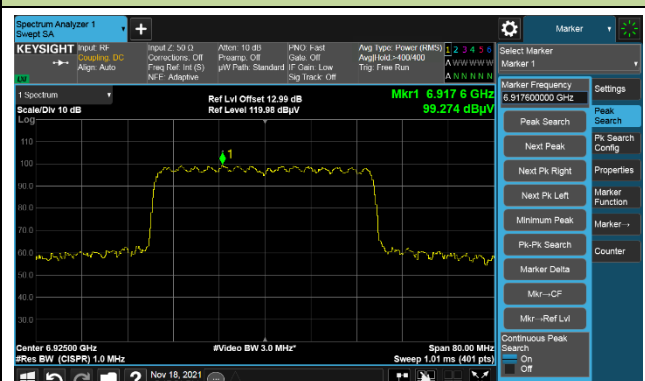
Channel 179 (6845MHz)



Channel 187 (6885MHz)

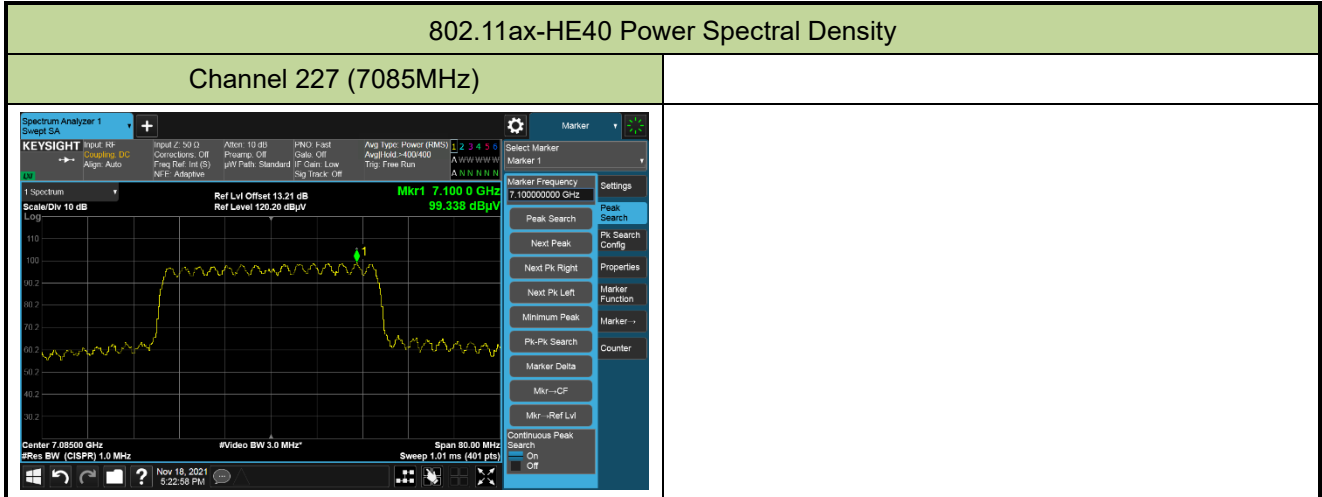


Channel 195 (6925MHz)



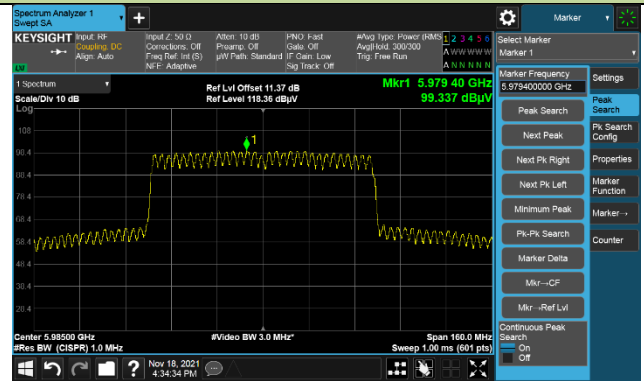
Channel 211 (7005MHz)



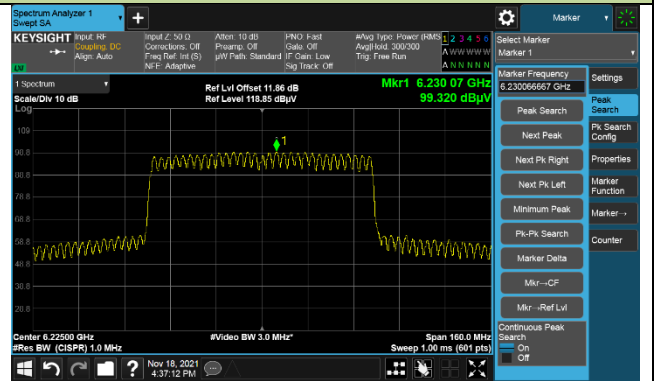


802.11ax-HE80 Power Spectral Density

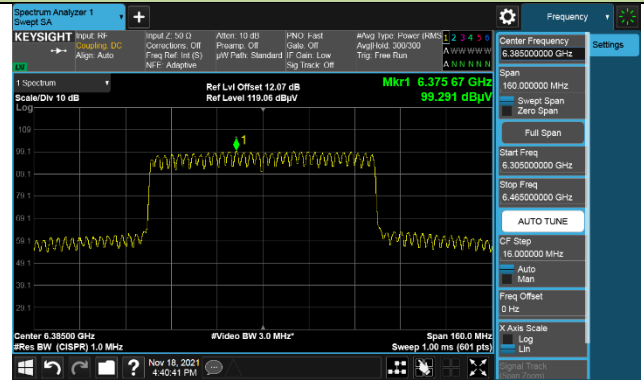
Channel 07 (5985MHz)



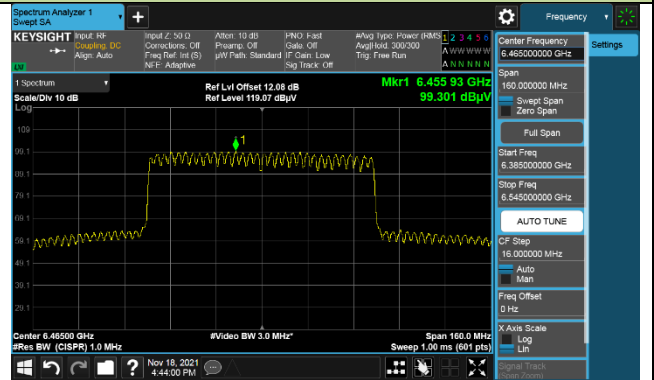
Channel 55 (6225MHz)



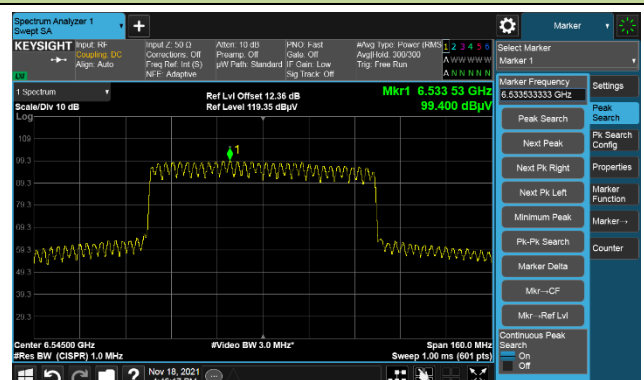
Channel 87 (6385MHz)



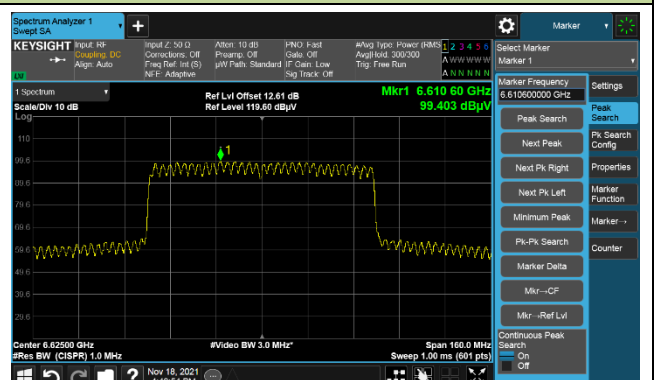
Channel 103 (6465MHz)



Channel 119 (6545MHz)

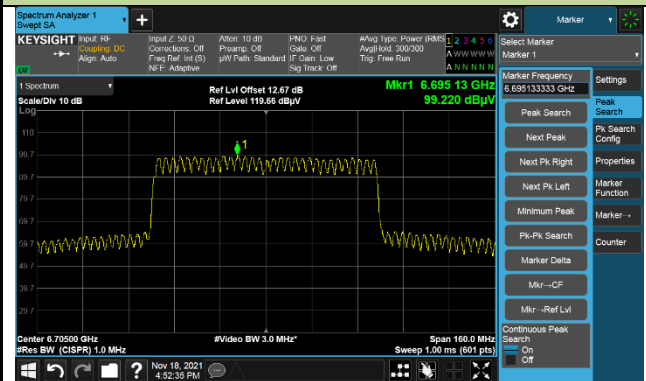


Channel 135 (6625MHz)

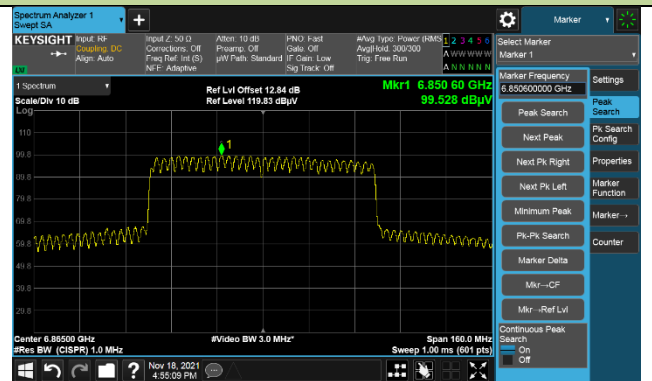


802.11ax-HE80 Power Spectral Density

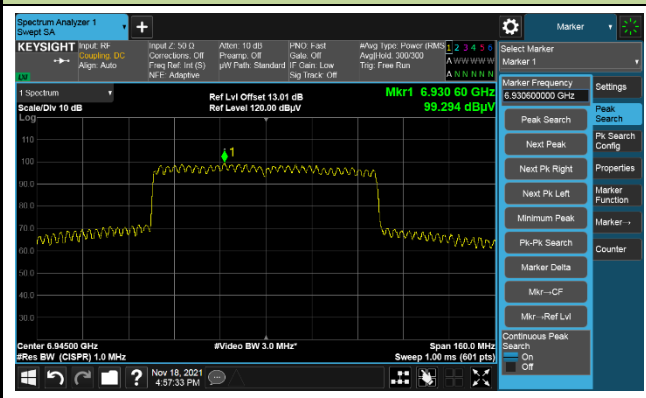
Channel 151 (6705MHz)



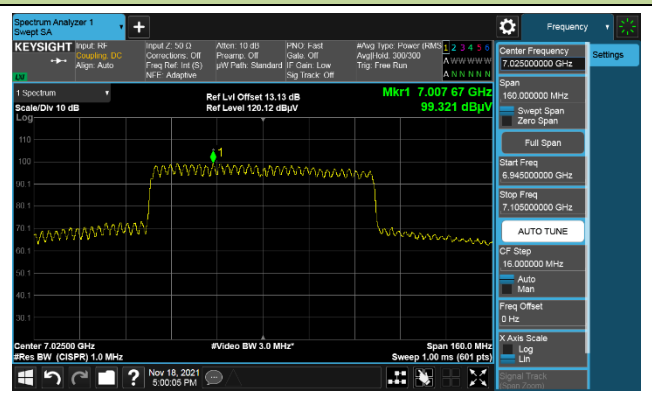
Channel 183 (6865MHz)



Channel 199 (6945MHz)

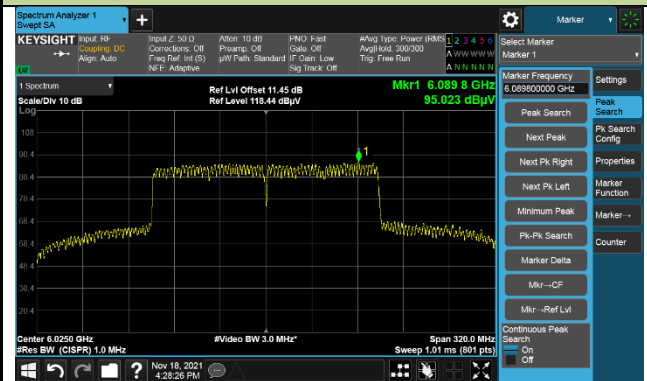


Channel 215 (7025MHz)

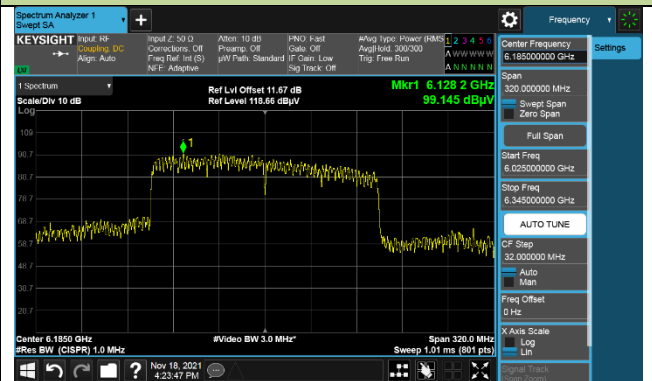


802.11ax-HE160 Power Spectral Density

Channel 15 (6025MHz)



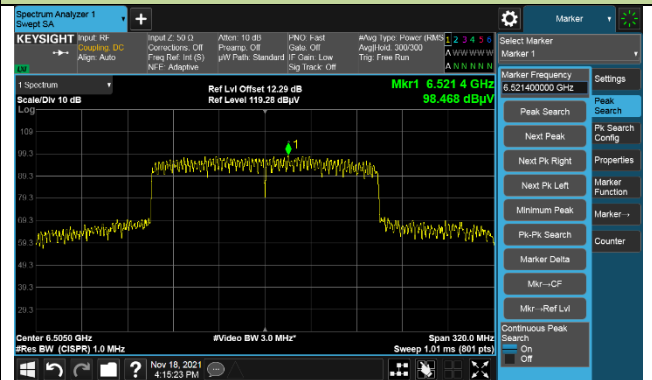
Channel 47 (6185MHz)



Channel 79 (6345MHz)



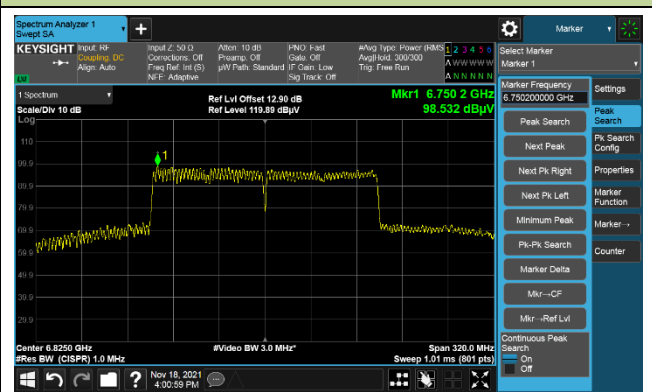
Channel 111 (6505MHz)

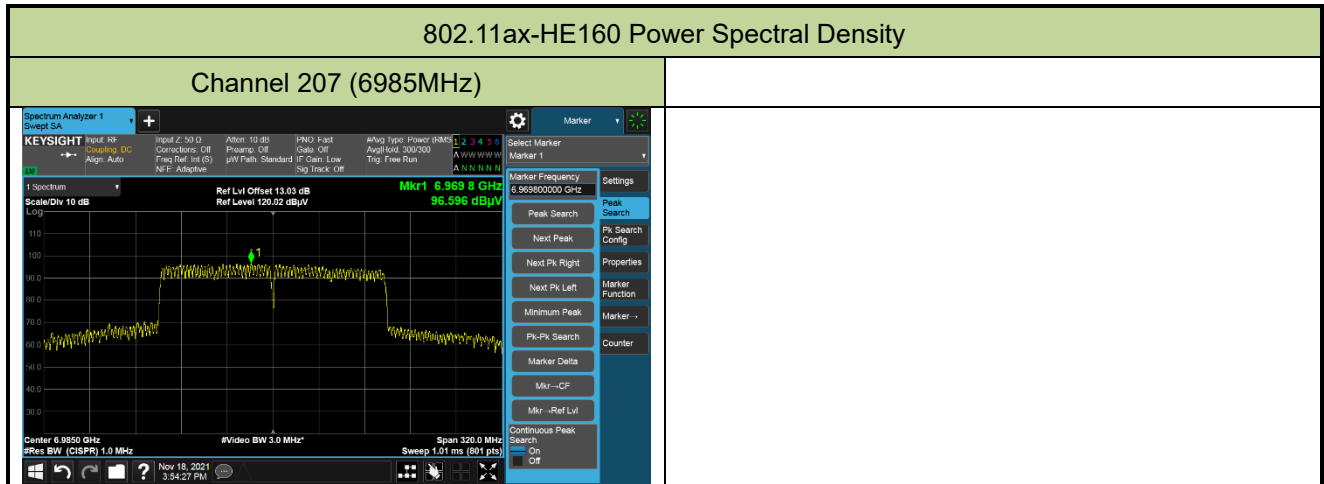


Channel 143 (6665MHz)



Channel 175 (6825MHz)





Test Site	SIP-AC3	Test Engineer	Mero Zhou
Test Date	2021/12/10 ~ 2021/12/19	Test Mode	N _{SS} =2
Filter Type	Akoustic Filter		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Max EIRP PSD (dBμV/m/MHz)	Max EIRP PSD (dBm/MHz)	Duty Cycle (%)	Total Max EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE20	MCS0	01	5955	99.49	4.29	95.86	4.47	≤ 5.00
802.11ax-HE20	MCS0	49	6195	99.58	4.38	95.86	4.56	≤ 5.00
802.11ax-HE20	MCS0	93	6415	99.69	4.49	95.86	4.67	≤ 5.00
802.11ax-HE20	MCS0	97	6435	99.41	4.21	95.86	4.39	≤ 5.00
802.11ax-HE20	MCS0	105	6475	99.57	4.37	95.86	4.55	≤ 5.00
802.11ax-HE20	MCS0	113	6515	99.60	4.40	95.86	4.58	≤ 5.00
802.11ax-HE20	MCS0	117	6535	99.48	4.28	95.86	4.46	≤ 5.00
802.11ax-HE20	MCS0	153	6715	99.61	4.41	95.86	4.59	≤ 5.00
802.11ax-HE20	MCS0	181	6855	99.33	4.13	95.86	4.31	≤ 5.00
802.11ax-HE20	MCS0	185	6875	99.73	4.53	95.86	4.71	≤ 5.00
802.11ax-HE20	MCS0	189	6895	99.46	4.26	95.86	4.44	≤ 5.00
802.11ax-HE20	MCS0	213	7015	99.43	4.23	95.86	4.41	≤ 5.00
802.11ax-HE20	MCS0	229	7095	99.41	4.21	95.86	4.39	≤ 5.00
802.11ax-HE40	MCS0	03	5965	99.10	3.90	92.29	4.25	≤ 5.00
802.11ax-HE40	MCS0	51	6205	99.08	3.88	92.29	4.23	≤ 5.00
802.11ax-HE40	MCS0	91	6405	99.15	3.95	92.29	4.30	≤ 5.00
802.11ax-HE40	MCS0	99	6445	99.14	3.94	92.29	4.29	≤ 5.00
802.11ax-HE40	MCS0	107	6485	99.05	3.85	92.29	4.20	≤ 5.00
802.11ax-HE40	MCS0	115	6525	99.12	3.92	92.29	4.27	≤ 5.00
802.11ax-HE40	MCS0	123	6565	98.93	3.73	92.29	4.08	≤ 5.00
802.11ax-HE40	MCS0	147	6685	99.11	3.91	92.29	4.26	≤ 5.00
802.11ax-HE40	MCS0	179	6845	99.16	3.96	92.29	4.31	≤ 5.00
802.11ax-HE40	MCS0	187	6885	99.17	3.97	92.29	4.32	≤ 5.00
802.11ax-HE40	MCS0	195	6925	98.95	3.75	92.29	4.10	≤ 5.00
802.11ax-HE40	MCS0	211	7005	99.09	3.89	92.29	4.24	≤ 5.00
802.11ax-HE40	MCS0	227	7085	98.96	3.76	92.29	4.11	≤ 5.00

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	Max EIRP PSD (dBμV/m/MHz)	Max EIRP PSD (dBm/MHz)	Duty Cycle (%)	Total Max EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE80	MCS0	07	5985	99.08	3.88	88.14	4.43	≤ 5.00
802.11ax-HE80	MCS0	55	6225	99.15	3.94	88.14	4.50	≤ 5.00
802.11ax-HE80	MCS0	87	6385	99.12	3.92	88.14	4.47	≤ 5.00
802.11ax-HE80	MCS0	103	6465	99.13	3.93	88.14	4.48	≤ 5.00
802.11ax-HE80	MCS0	119	6545	99.19	3.99	88.14	4.54	≤ 5.00
802.11ax-HE80	MCS0	135	6625	99.16	3.96	88.14	4.51	≤ 5.00
802.11ax-HE80	MCS0	151	6705	99.26	4.06	88.14	4.61	≤ 5.00
802.11ax-HE80	MCS0	183	6865	99.12	3.92	88.14	4.47	≤ 5.00
802.11ax-HE80	MCS0	199	6945	99.14	3.94	88.14	4.49	≤ 5.00
802.11ax-HE80	MCS0	215	7025	99.28	4.08	88.14	4.63	≤ 5.00
802.11ax-HE160	MCS0	15	6025	97.70	2.50	82.81	3.32	≤ 5.00
802.11ax-HE160	MCS0	47	6185	97.85	2.65	82.81	3.47	≤ 5.00
802.11ax-HE160	MCS0	79	6345	96.55	1.35	82.81	2.17	≤ 5.00
802.11ax-HE160	MCS0	111	6505	96.03	0.83	82.81	1.65	≤ 5.00
802.11ax-HE160	MCS0	143	6665	98.19	2.99	82.81	3.81	≤ 5.00
802.11ax-HE160	MCS0	175	6825	97.76	2.56	82.81	3.38	≤ 5.00
802.11ax-HE160	MCS0	207	6985	96.47	1.27	82.81	2.09	≤ 5.00

Note 1: Max EIRP PSD (dBm/MHz) = Max EIRP PSD (dBμV/m/MHz) + Correction Factor @ 3m, Correction Factor @ 3m = $20\log(D) - 104.7$; where D is the measurement distance @3m = -95.2dB

Note 2: If Duty cycle < 98%, total Max EIRP PSD (dBm/MHz) = Max EIRP PSD (dBm/MHz) + $10 \cdot \log(1/\text{Duty cycle})$.

802.11ax-HE20 Power Spectral Density

Channel 01 (5955MHz)



Channel 49 (6195MHz)



Channel 93 (6415MHz)



Channel 97 (6435MHz)



Channel 105 (6475MHz)



Channel 113 (6515MHz)



802.11ax-HE20 Power Spectral Density

Channel 117 (6535MHz)



Channel 153 (6715MHz)



Channel 181 (6855MHz)



Channel 185 (6875MHz)

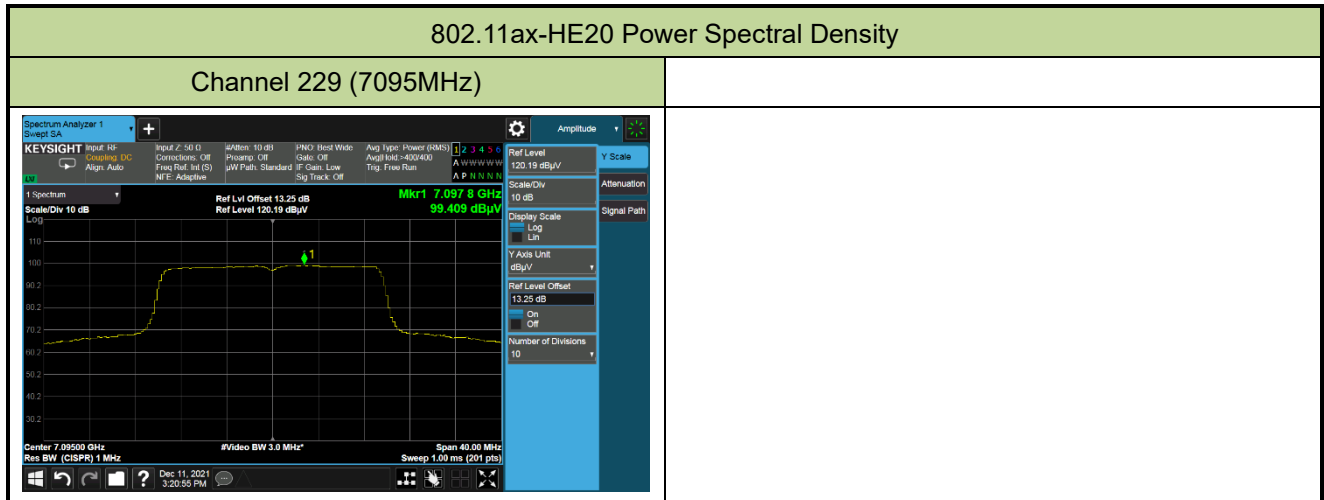


Channel 189 (6895MHz)

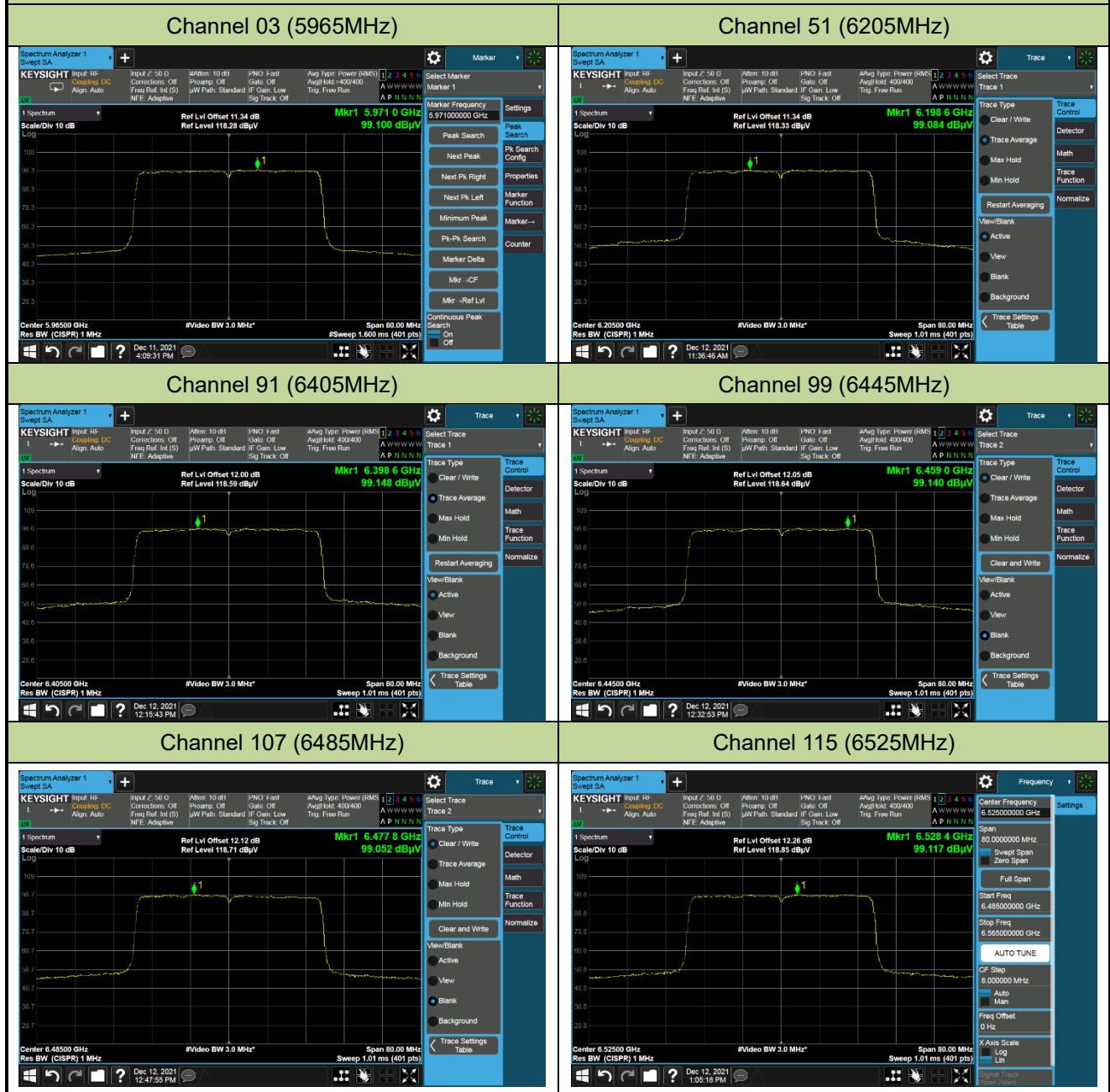


Channel 213 (7015MHz)





802.11ax-HE40 Power Spectral Density



802.11ax-HE40 Power Spectral Density

Channel 123 (6565MHz)



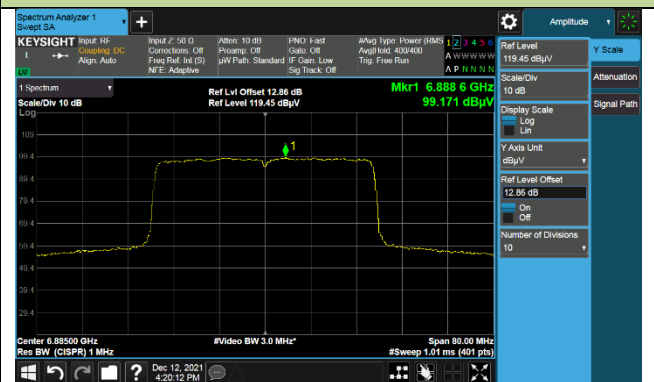
Channel 147 (6685MHz)



Channel 179 (6845MHz)



Channel 187 (6885MHz)



Channel 195 (6925MHz)



Channel 211 (7005MHz)



