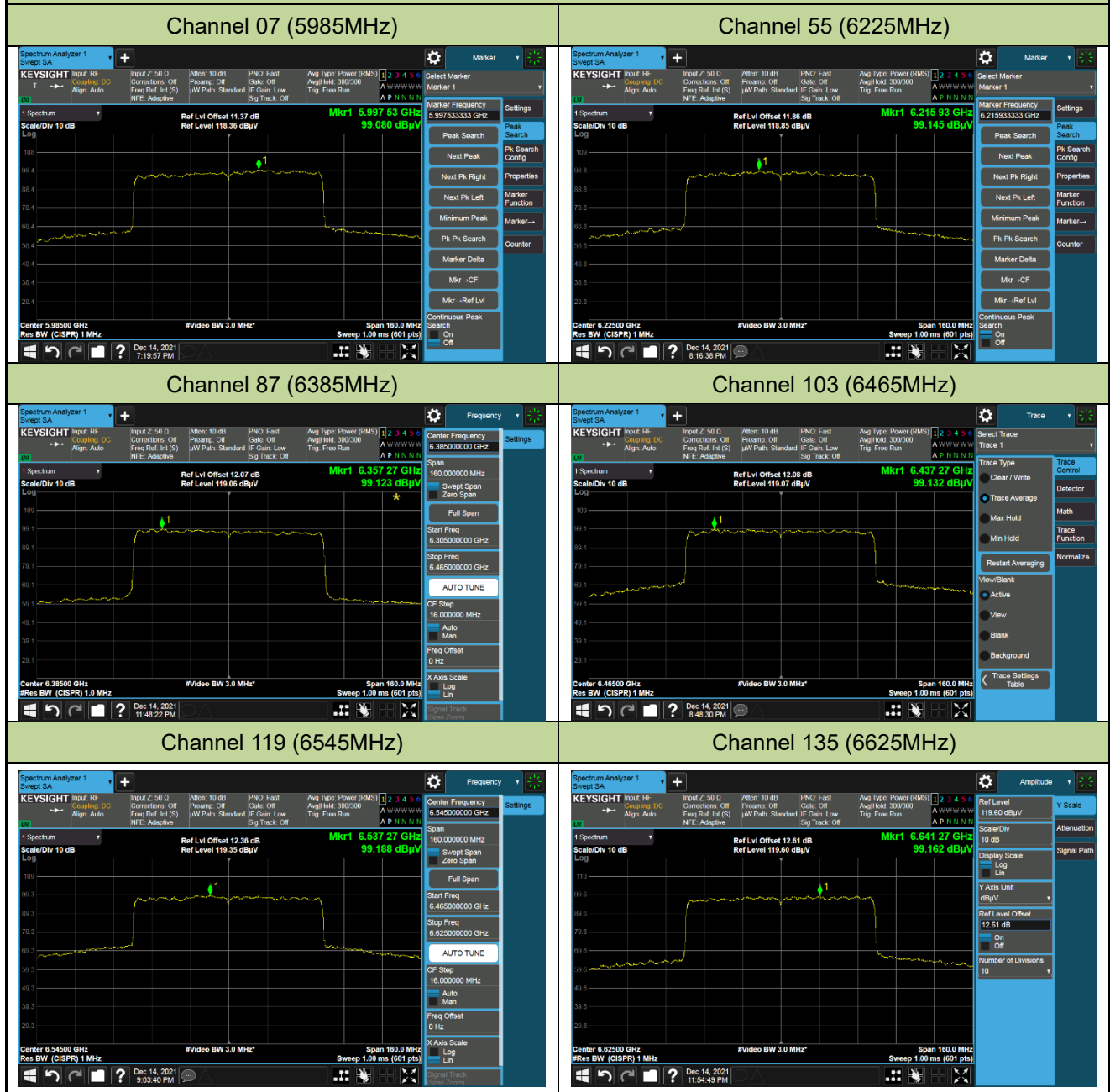


802.11ax-HE80 Power Spectral Density



802.11ax-HE80 Power Spectral Density

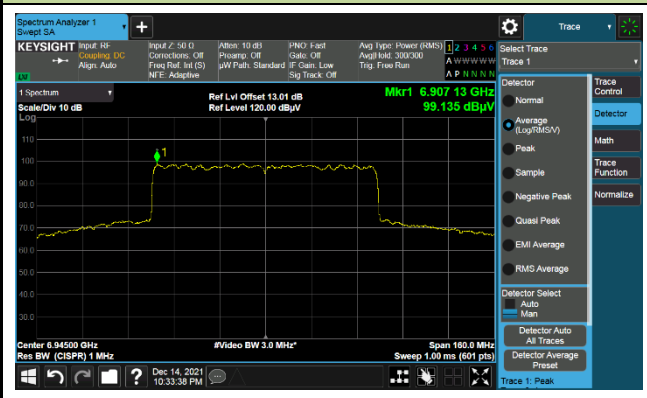
Channel 151 (6705MHz)



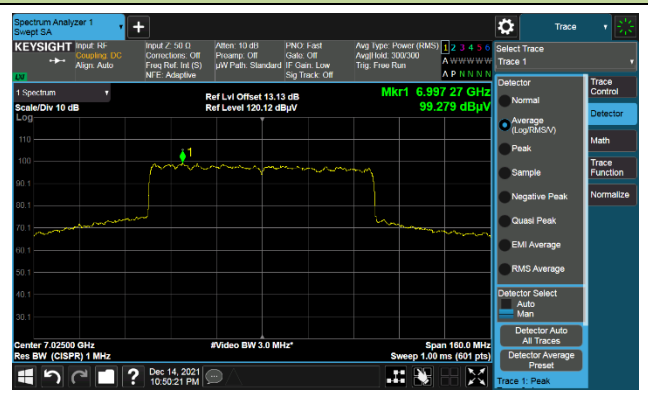
Channel 183 (6865MHz)



Channel 199 (6945MHz)

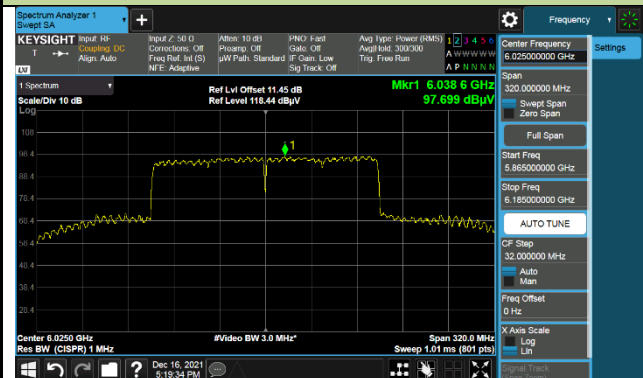


Channel 215 (7025MHz)



802.11ax-HE160 Power Spectral Density

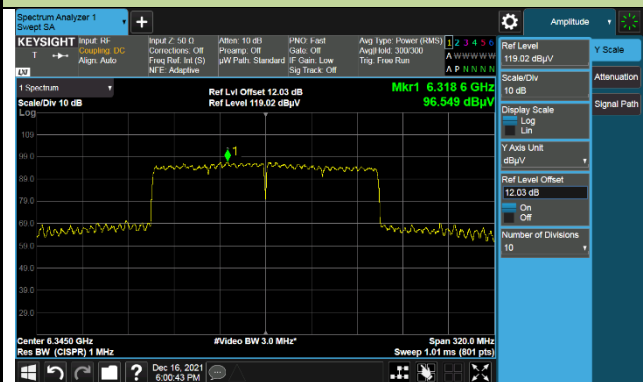
Channel 15 (6025MHz)



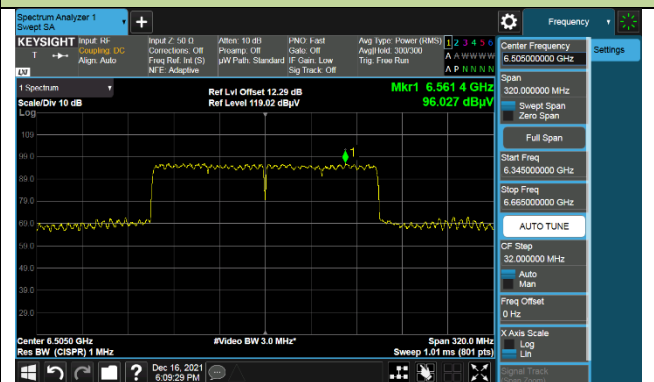
Channel 47 (6185MHz)



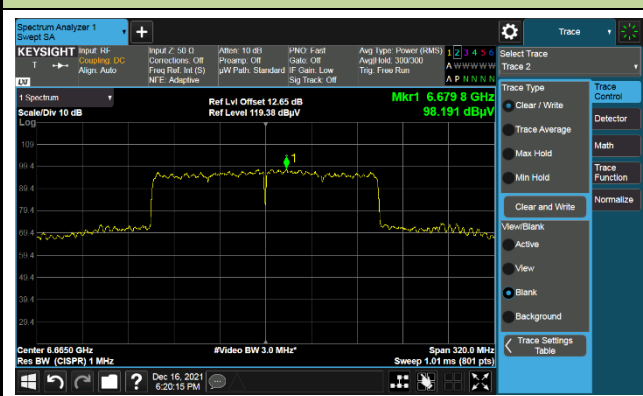
Channel 79 (6345MHz)



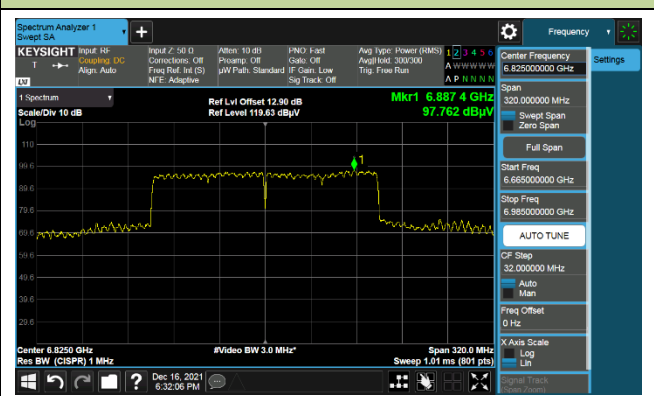
Channel 111 (6505MHz)

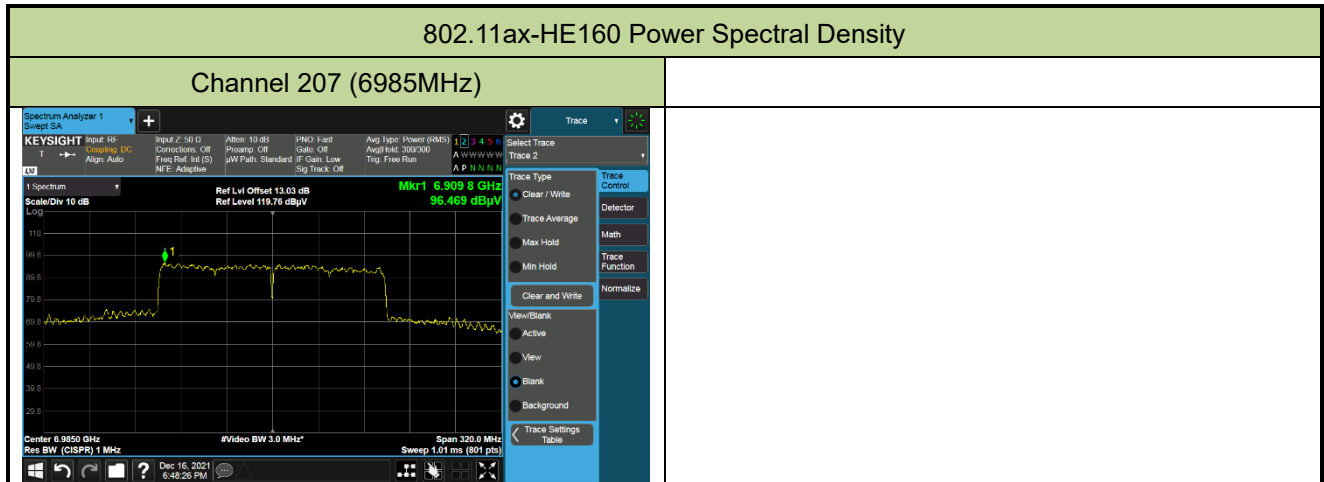


Channel 143 (6665MHz)



Channel 175 (6825MHz)





Test Site	SIP-AC3	Test Engineer	Mero Zhou
Test Date	2021/12/15~2021/12/20	Test Mode	N _{SS} =2
Filter Type	Sunyear 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	99.58	4.38	95.86	4.56	≤ 5.00
802.11ax-HE20	MCS0	49	6195	99.58	4.38	95.86	4.56	≤ 5.00
802.11ax-HE20	MCS0	93	6415	99.57	4.37	95.86	4.55	≤ 5.00
802.11ax-HE20	MCS0	97	6435	99.60	4.40	95.86	4.58	≤ 5.00
802.11ax-HE20	MCS0	105	6475	99.63	4.43	95.86	4.61	≤ 5.00
802.11ax-HE20	MCS0	113	6515	99.43	4.23	95.86	4.41	≤ 5.00
802.11ax-HE20	MCS0	117	6535	99.46	4.26	95.86	4.44	≤ 5.00
802.11ax-HE20	MCS0	153	6715	99.42	4.22	95.86	4.40	≤ 5.00
802.11ax-HE20	MCS0	181	6855	99.56	4.36	95.86	4.54	≤ 5.00
802.11ax-HE20	MCS0	185	6875	99.46	4.26	95.86	4.44	≤ 5.00
802.11ax-HE20	MCS0	189	6895	99.44	4.24	95.86	4.42	≤ 5.00
802.11ax-HE20	MCS0	213	7015	99.47	4.27	95.86	4.45	≤ 5.00
802.11ax-HE20	MCS0	229	7095	99.54	4.34	95.86	4.52	≤ 5.00
802.11ax-HE40	MCS0	03	5965	99.21	4.01	92.29	4.36	≤ 5.00
802.11ax-HE40	MCS0	51	6205	99.28	4.08	92.29	4.43	≤ 5.00
802.11ax-HE40	MCS0	91	6405	99.27	4.07	92.29	4.42	≤ 5.00
802.11ax-HE40	MCS0	99	6445	99.34	4.14	92.29	4.49	≤ 5.00
802.11ax-HE40	MCS0	107	6485	99.38	4.18	92.29	4.53	≤ 5.00
802.11ax-HE40	MCS0	115	6525	99.35	4.15	92.29	4.50	≤ 5.00
802.11ax-HE40	MCS0	123	6565	99.28	4.08	92.29	4.43	≤ 5.00
802.11ax-HE40	MCS0	147	6685	99.35	4.15	92.29	4.50	≤ 5.00
802.11ax-HE40	MCS0	179	6845	99.27	4.07	92.29	4.42	≤ 5.00
802.11ax-HE40	MCS0	187	6885	99.37	4.17	92.29	4.52	≤ 5.00
802.11ax-HE40	MCS0	195	6925	99.33	4.13	92.29	4.48	≤ 5.00
802.11ax-HE40	MCS0	211	7005	99.34	4.14	92.29	4.49	≤ 5.00
802.11ax-HE40	MCS0	227	7085	99.45	4.25	92.29	4.60	≤ 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	99.25	4.05	88.14	4.60	≤ 5.00
802.11ax-HE80	MCS0	55	6225	99.24	4.04	88.14	4.59	≤ 5.00
802.11ax-HE80	MCS0	87	6385	99.15	3.95	88.14	4.50	≤ 5.00
802.11ax-HE80	MCS0	103	6465	99.09	3.89	88.14	4.44	≤ 5.00
802.11ax-HE80	MCS0	119	6545	99.21	4.01	88.14	4.56	≤ 5.00
802.11ax-HE80	MCS0	135	6625	99.23	4.03	88.14	4.58	≤ 5.00
802.11ax-HE80	MCS0	151	6705	99.14	3.94	88.14	4.49	≤ 5.00
802.11ax-HE80	MCS0	183	6865	99.15	3.95	88.14	4.50	≤ 5.00
802.11ax-HE80	MCS0	199	6945	99.13	3.93	88.14	4.48	≤ 5.00
802.11ax-HE80	MCS0	215	7025	99.16	3.96	88.14	4.51	≤ 5.00
802.11ax-HE160	MCS0	15	6025	96.96	1.76	82.81	2.58	≤ 5.00
802.11ax-HE160	MCS0	47	6185	96.16	0.96	82.81	1.78	≤ 5.00
802.11ax-HE160	MCS0	79	6345	97.19	1.99	82.81	2.81	≤ 5.00
802.11ax-HE160	MCS0	111	6505	97.61	2.41	82.81	3.23	≤ 5.00
802.11ax-HE160	MCS0	143	6665	96.69	1.49	82.81	2.31	≤ 5.00
802.11ax-HE160	MCS0	175	6825	97.77	2.57	82.81	3.39	≤ 5.00
802.11ax-HE160	MCS0	207	6985	97.21	2.01	82.81	2.83	≤ 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) + $10 * \log(1/\text{Duty cycle})$.

802.11ax-HE20 Power Spectral Density

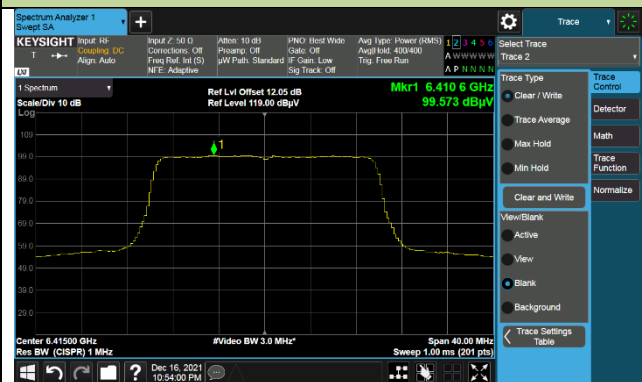
Channel 01 (5955MHz)



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)

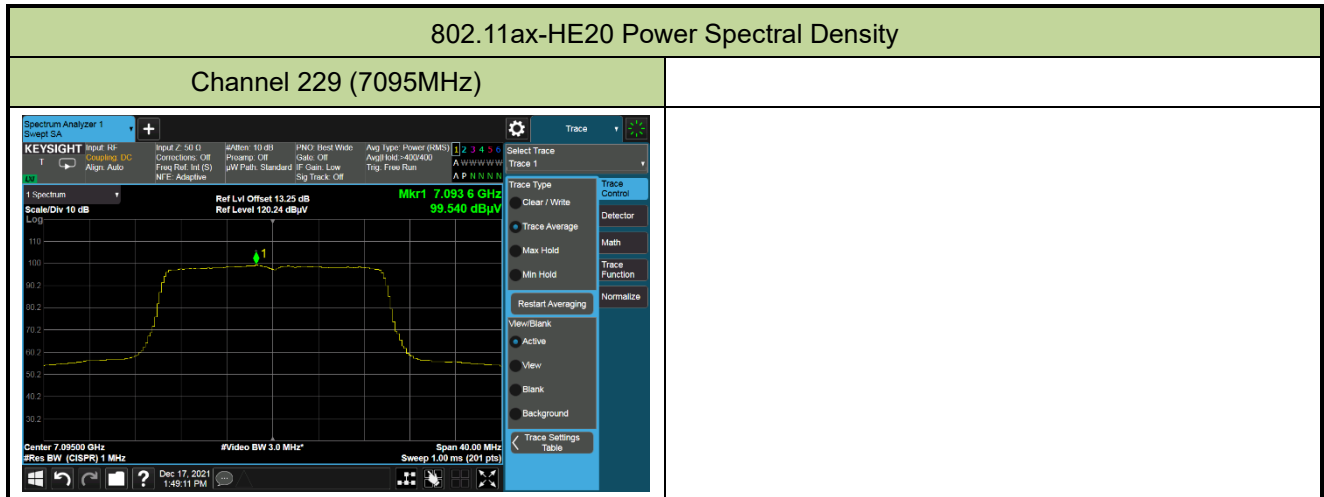


Channel 189 (6895MHz)

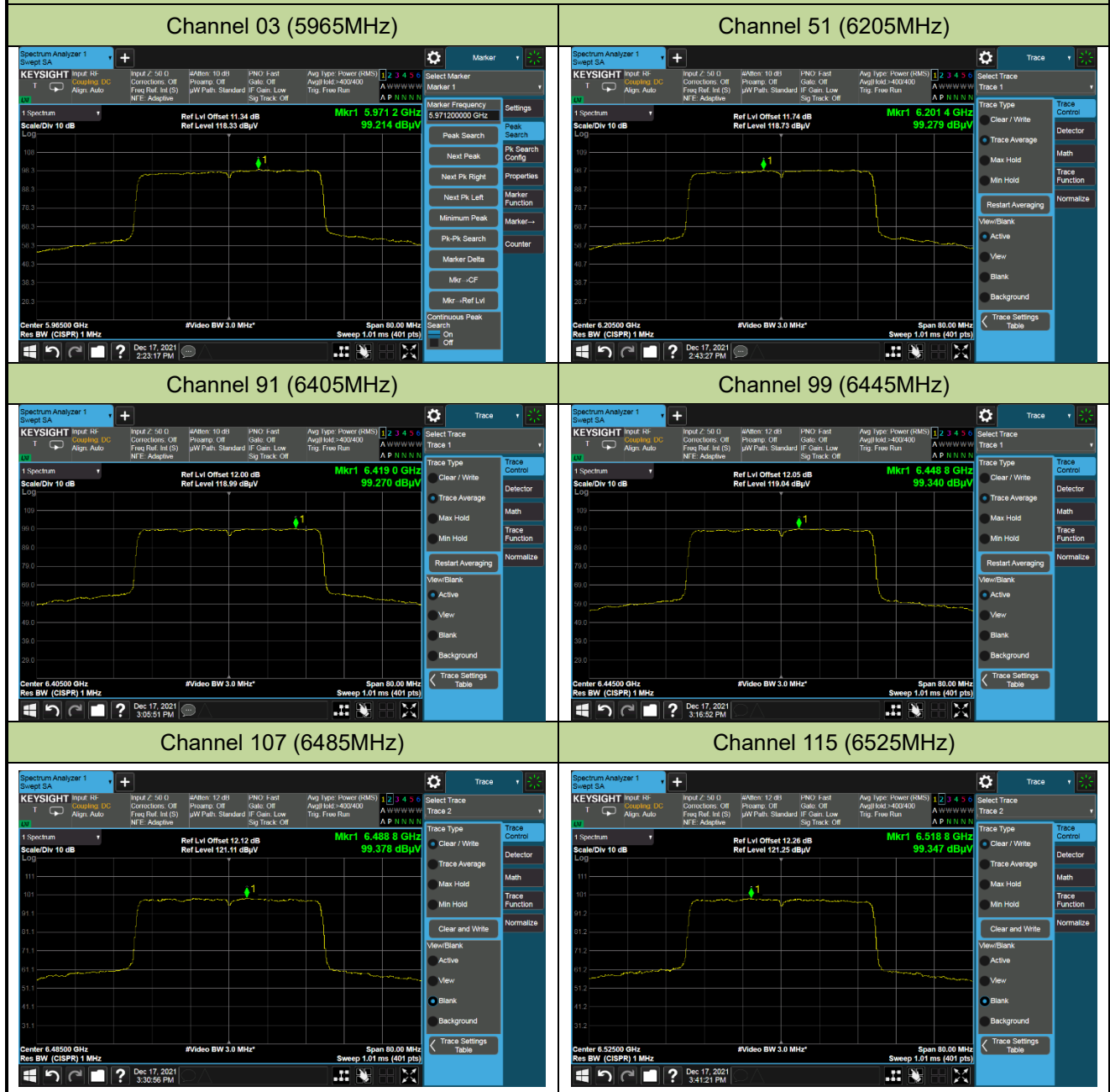


Channel 213 (7015MHz)



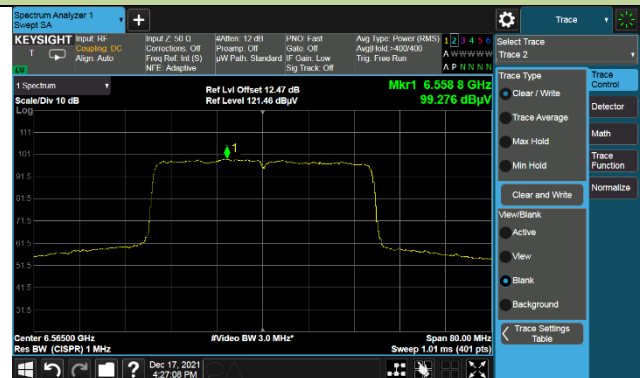


802.11ax-HE40 Power Spectral Density



802.11ax-HE40 Power Spectral Density

Channel 123 (6565MHz)



Channel 147 (6685MHz)



Channel 179 (6845MHz)



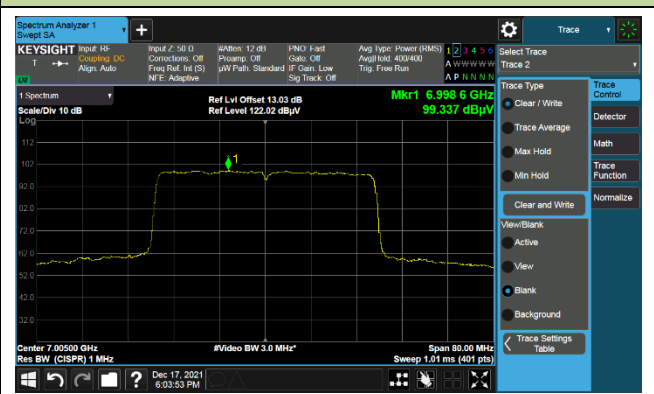
Channel 187 (6885MHz)

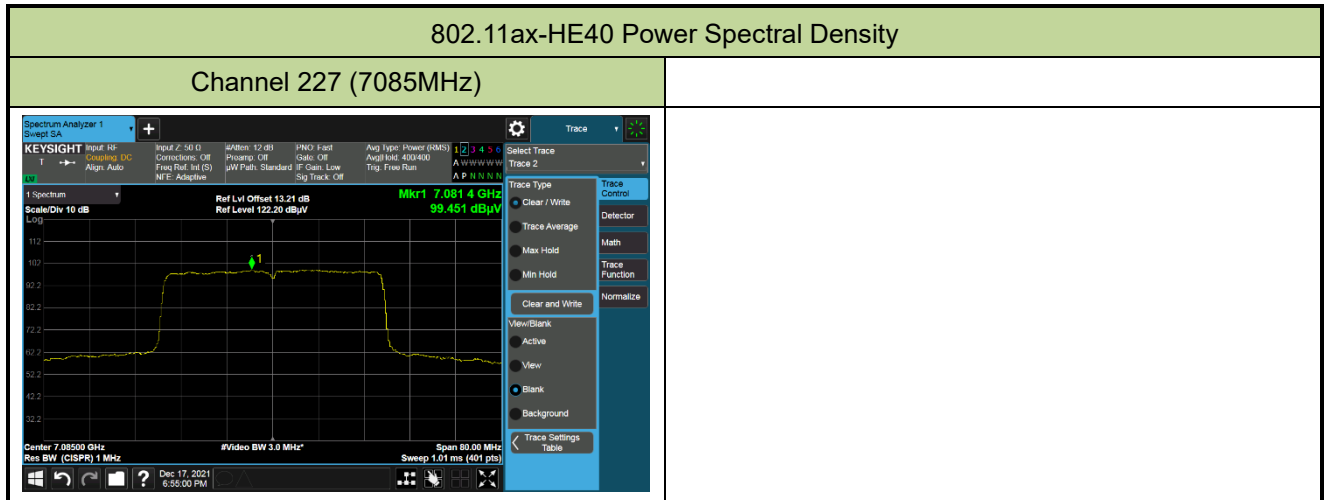


Channel 195 (6925MHz)



Channel 211 (7005MHz)





802.11ax-HE80 Power Spectral Density

Channel 07 (5985MHz)



Channel 55 (6225MHz)



Channel 87 (6385MHz)



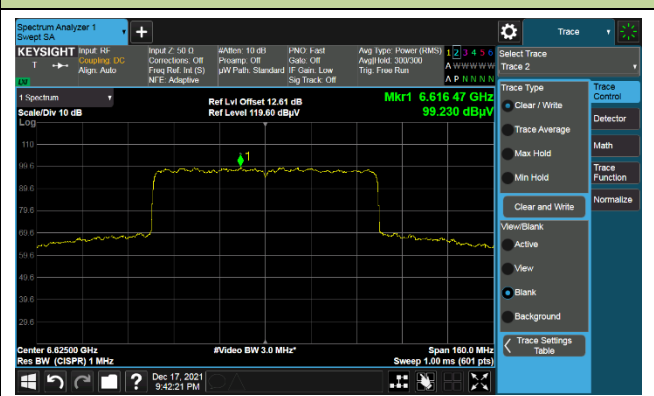
Channel 103 (6465MHz)



Channel 119 (6545MHz)



Channel 135 (6625MHz)



802.11ax-HE80 Power Spectral Density

Channel 151 (6705MHz)



Channel 183 (6865MHz)



Channel 199 (6945MHz)

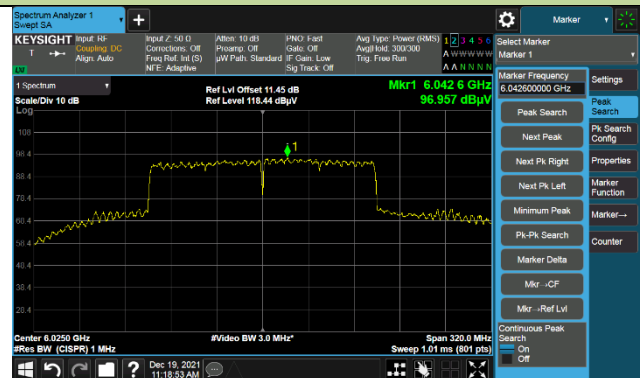


Channel 215 (7025MHz)



802.11ax-HE160 Power Spectral Density

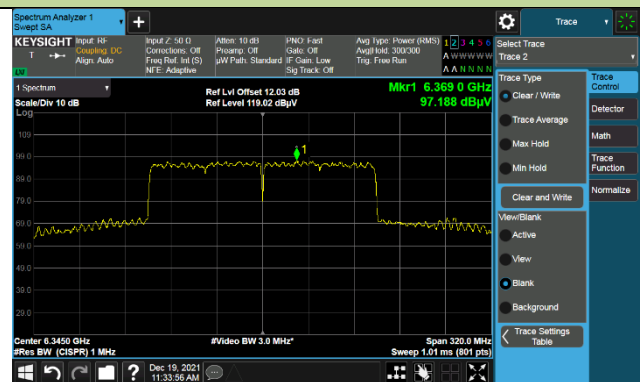
Channel 15 (6025MHz)



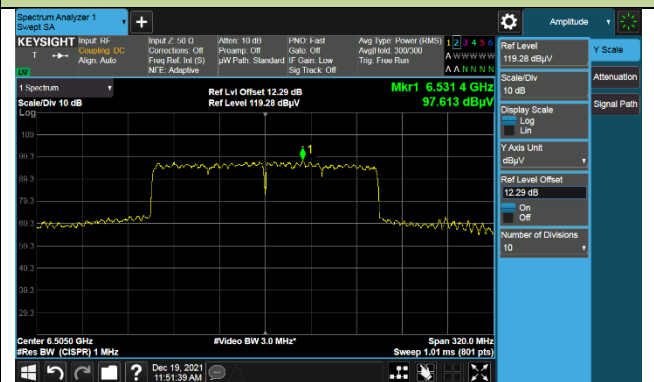
Channel 47 (6185MHz)



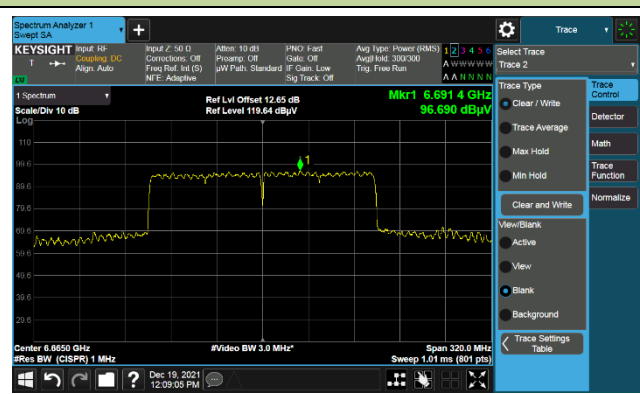
Channel 79 (6345MHz)



Channel 111 (6505MHz)

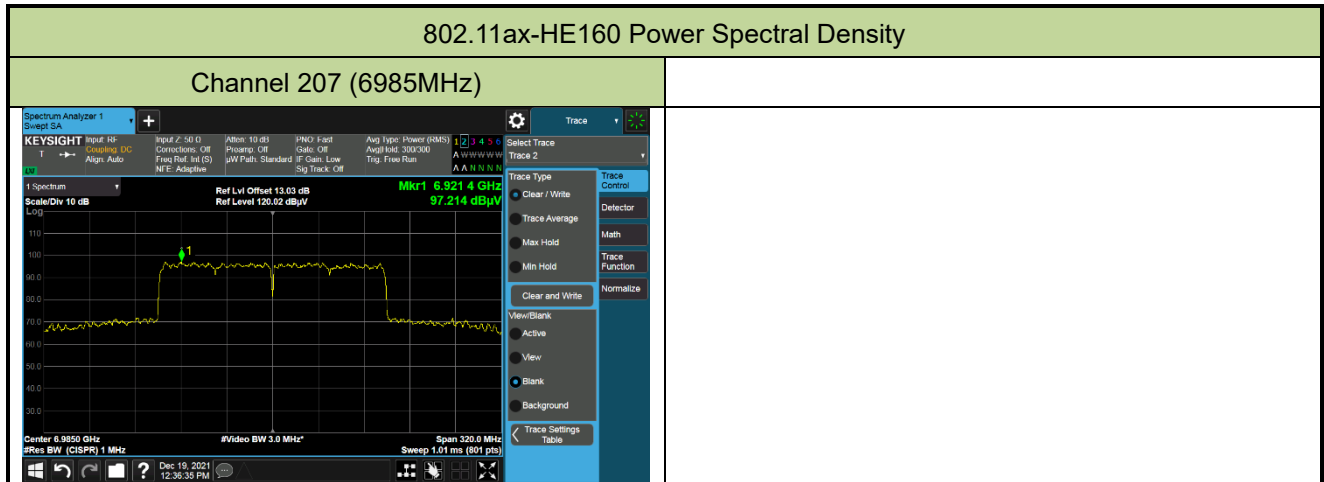


Channel 143 (6665MHz)



Channel 175 (6825MHz)

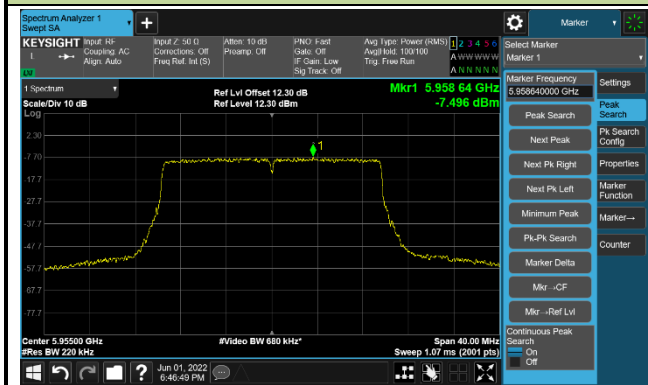
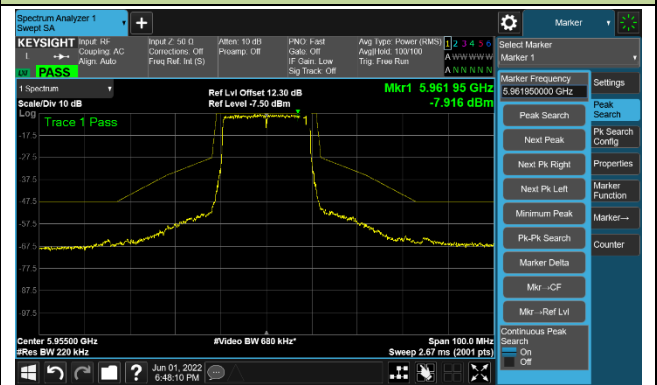




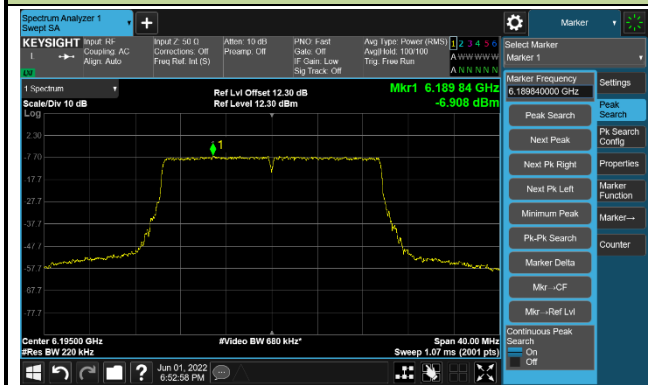
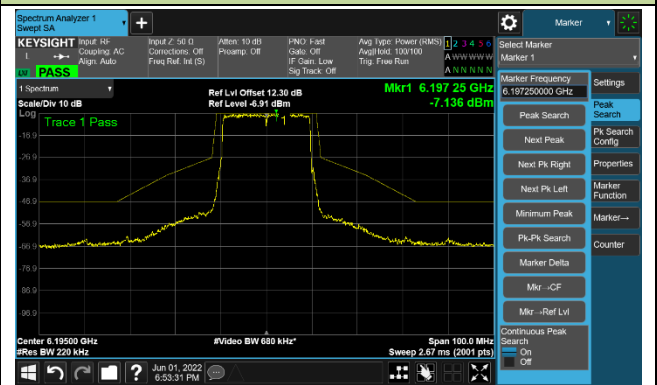
A.5 In-Band Emission Measurement

Test Site	SIP-TR1	Test Engineer	Nandy Zhang
Test Date	2022/06/01~2022/06/02	Test Mode	Nss=1
Test Antenna	Akoustic Filter- Ant 0		

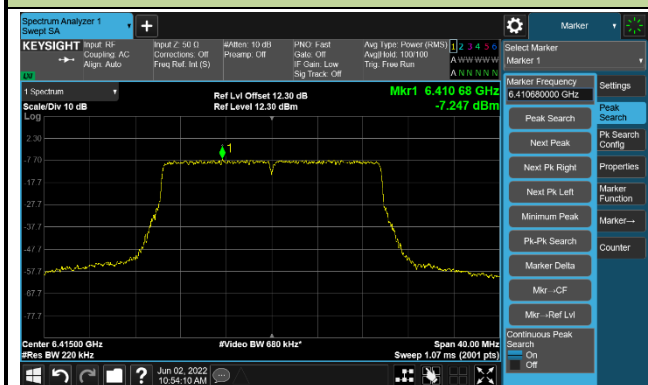
802.11ax-HE20
Channel 01 (5955MHz)

The Reference Level

The Mask Data


Channel 49 (6195MHz)

The Reference Level

The Mask Data


Channel 93 (6415MHz)

The Reference Level

The Mask Data
