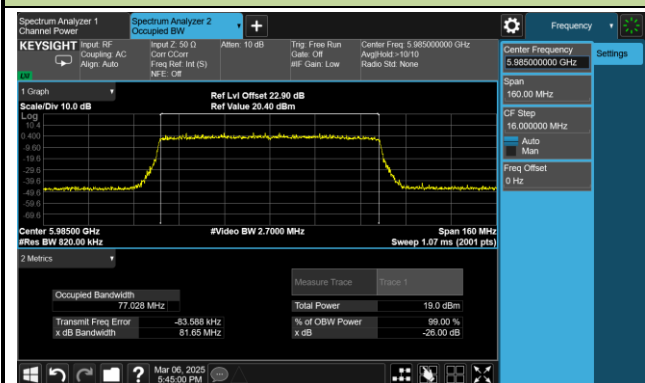
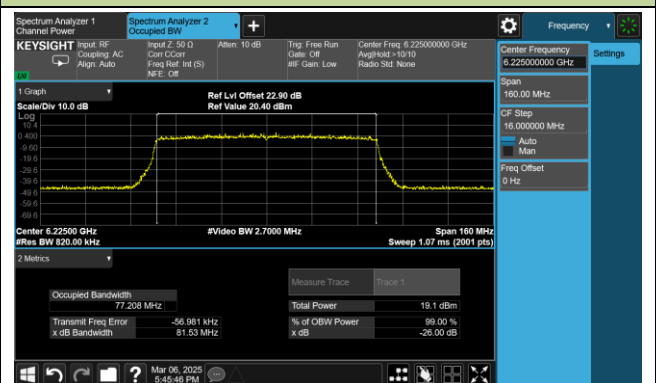


802.11ax-HE80 26dB Bandwidth

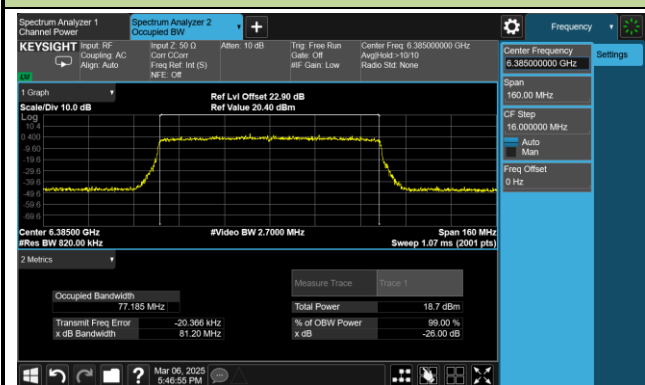
Channel 7 (5985MHz)



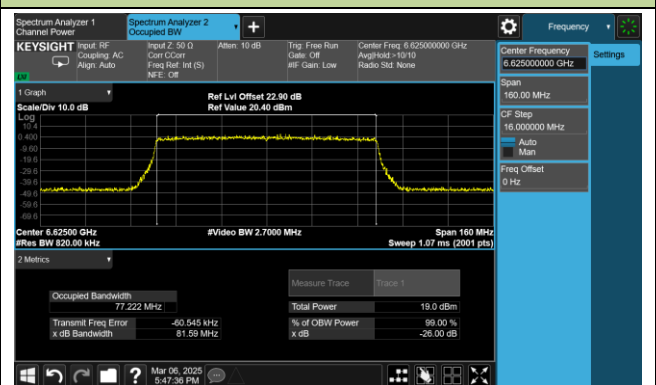
Channel 55 (6225MHz)



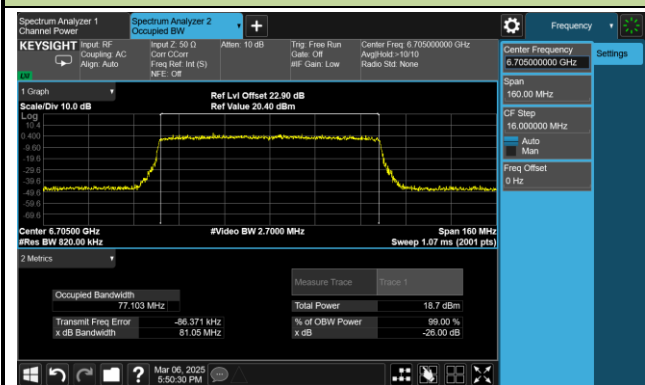
Channel 87 (6385MHz)



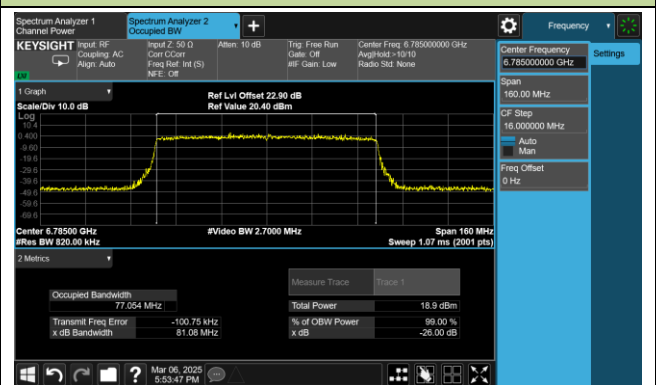
Channel 135 (6625MHz)



Channel 151 (6705MHz)

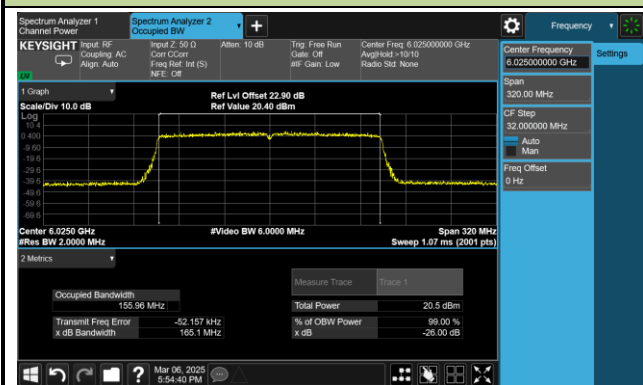


Channel 167 (6785MHz)

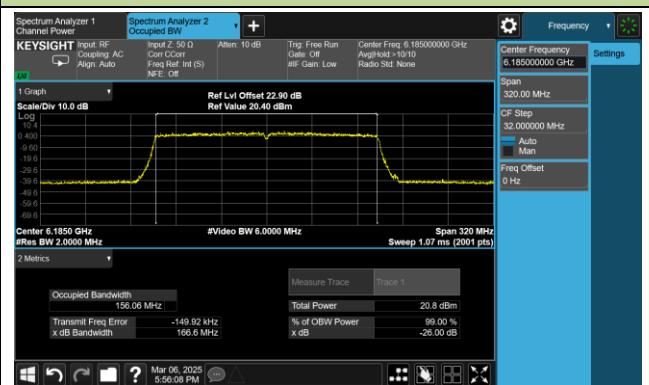


802.11ax-HE160 26dB Bandwidth

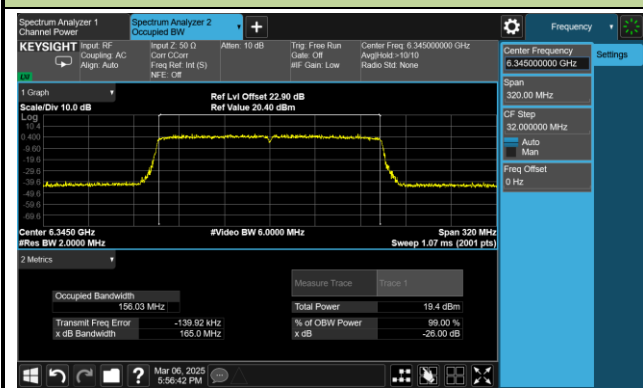
Channel 15 (6025MHz)



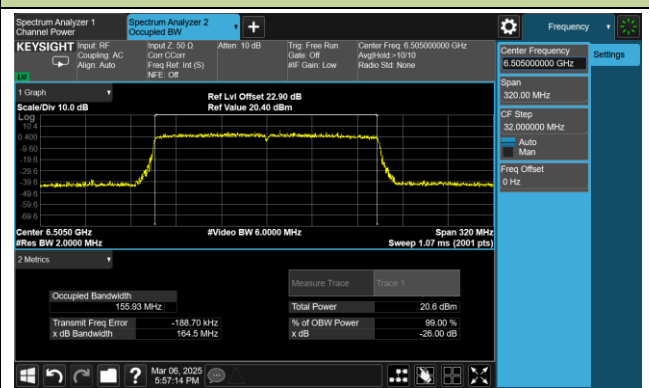
Channel 47 (6185MHz)



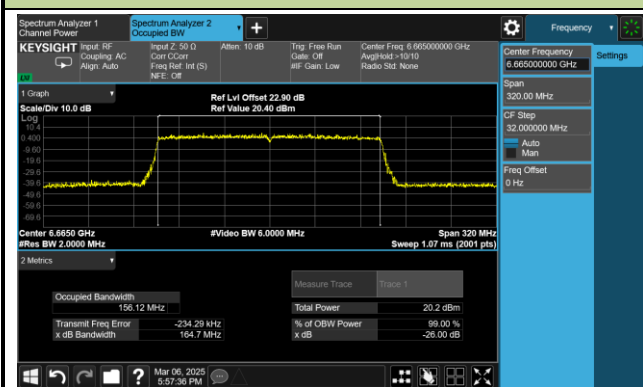
Channel 79 (6345MHz)



Channel 111 (6505MHz)



Channel 143 (6665MHz)



A.3 Output Power Test Result

Client operating under the control of an indoor access point

Full RU:

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-02-25		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE20	MCS0	1	5955	1.12	1.77	4.47	3.82	8.29	≤ 24.00
802.11ax-HE20	MCS0	49	6195	1.21	1.47	4.35	3.82	8.17	≤ 24.00
802.11ax-HE20	MCS0	93	6415	-0.14	1.67	3.87	3.82	7.69	≤ 24.00
802.11ax-HE20	MCS0	97	6435	0.63	2.04	4.40	3.74	8.14	≤ 24.00
802.11ax-HE20	MCS0	105	6475	0.86	2.51	4.77	3.74	8.51	≤ 24.00
802.11ax-HE20	MCS0	113	6515	0.74	2.23	4.56	3.74	8.30	≤ 24.00
802.11ax-HE20	MCS0	117	6535	0.49	2.11	4.39	3.68	8.07	≤ 24.00
802.11ax-HE20	MCS0	149	6695	0.61	1.95	4.34	3.68	8.02	≤ 24.00
802.11ax-HE20	MCS0	181	6855	-0.98	1.08	3.18	3.68	6.86	≤ 24.00
802.11ax-HE20	MCS0	185	6875	-0.93	0.92	3.10	3.72	6.82	≤ 24.00
802.11ax-HE20	MCS0	189	6895	-0.94	0.38	2.78	3.72	6.50	≤ 24.00
802.11ax-HE20	MCS0	209	6995	-1.55	-0.24	2.16	3.72	5.88	≤ 24.00
802.11ax-HE20	MCS0	229	7095	-0.67	1.42	3.51	3.72	7.23	≤ 24.00
802.11ax-HE20	MCS0	233	7115	-0.71	1.23	3.38	3.72	7.10	≤ 24.00
802.11ax-HE40	MCS0	3	5965	3.42	3.96	6.71	3.82	10.53	≤ 24.00
802.11ax-HE40	MCS0	51	6205	3.71	3.98	6.86	3.82	10.68	≤ 24.00
802.11ax-HE40	MCS0	91	6405	2.78	4.09	6.49	3.82	10.31	≤ 24.00
802.11ax-HE40	MCS0	99	6445	2.69	4.41	6.64	3.74	10.38	≤ 24.00
802.11ax-HE40	MCS0	107	6485	2.14	3.17	5.70	3.74	9.44	≤ 24.00
802.11ax-HE40	MCS0	115	6525	2.34	4.02	6.27	3.74	10.01	≤ 24.00
802.11ax-HE40	MCS0	123	6565	3.97	4.73	7.38	3.68	11.06	≤ 24.00
802.11ax-HE40	MCS0	147	6685	3.56	4.47	7.05	3.68	10.73	≤ 24.00
802.11ax-HE40	MCS0	179	6845	2.96	4.57	6.85	3.68	10.53	≤ 24.00
802.11ax-HE40	MCS0	187	6885	2.85	4.36	6.68	3.72	10.40	≤ 24.00
802.11ax-HE40	MCS0	195	6925	3.27	4.42	6.89	3.72	10.61	≤ 24.00
802.11ax-HE40	MCS0	211	7005	3.21	4.24	6.77	3.72	10.49	≤ 24.00
802.11ax-HE40	MCS0	227	7085	2.52	4.83	6.84	3.72	10.56	≤ 24.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE80	MCS0	7	5985	6.16	7.29	9.77	3.82	13.59	≤ 24.00
802.11ax-HE80	MCS0	55	6225	6.61	6.93	9.78	3.82	13.60	≤ 24.00
802.11ax-HE80	MCS0	87	6385	6.51	7.12	9.84	3.82	13.66	≤ 24.00
802.11ax-HE80	MCS0	103	6465	6.88	7.76	10.35	3.74	14.09	≤ 24.00
802.11ax-HE80	MCS0	119	6545	6.95	8.02	10.53	3.74	14.27	≤ 24.00
802.11ax-HE80	MCS0	135	6625	6.71	7.65	10.22	3.68	13.90	≤ 24.00
802.11ax-HE80	MCS0	151	6705	7.16	7.87	10.54	3.68	14.22	≤ 24.00
802.11ax-HE80	MCS0	167	6785	6.51	8.47	10.61	3.68	14.29	≤ 24.00
802.11ax-HE80	MCS0	183	6865	6.47	8.37	10.53	3.68	14.21	≤ 24.00
802.11ax-HE80	MCS0	199	6945	7.08	7.62	10.37	3.72	14.09	≤ 24.00
802.11ax-HE80	MCS0	215	7025	6.26	8.16	10.32	3.72	14.04	≤ 24.00
802.11ax-HE160	MCS0	15	6025	9.36	9.79	12.59	3.82	16.41	≤ 24.00
802.11ax-HE160	MCS0	47	6185	9.92	10.11	13.03	3.82	16.85	≤ 24.00
802.11ax-HE160	MCS0	79	6345	9.58	10.02	12.82	3.82	16.64	≤ 24.00
802.11ax-HE160	MCS0	111	6505	9.27	10.25	12.80	3.74	16.54	≤ 24.00
802.11ax-HE160	MCS0	143	6665	9.79	10.59	13.22	3.68	16.90	≤ 24.00
802.11ax-HE160	MCS0	175	6825	9.02	10.72	12.96	3.68	16.64	≤ 24.00
802.11ax-HE160	MCS0	207	6985	9.25	9.78	12.53	3.72	16.25	≤ 24.00

Note 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$.

Note 2: EIRP (dBm) = Total Average Power (dBm) + Antenna Gain (dBi).

Partial RU:

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-02-25		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	RU index	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE20	MCS0	1	5955	RU26/0	-8.53	-8.08	-5.29	3.82	-1.47	≤ 24.00
				RU52/74	-5.67	-5.07	-2.35	3.82	1.47	≤ 24.00
				RU106/106	-2.48	-1.97	0.79	3.82	4.61	≤ 24.00
802.11ax-HE20	MCS0	49	6195	RU26/4	-7.34	-6.77	-4.04	3.82	-0.22	≤ 24.00
				RU52/75	-5.59	-4.98	-2.26	3.82	1.56	≤ 24.00
				RU106/106	-2.31	-1.61	1.06	3.82	4.88	≤ 24.00
802.11ax-HE20	MCS0	93	6415	RU26/8	-9.65	-7.92	-5.69	3.82	-1.87	≤ 24.00
				RU52/77	-6.58	-4.81	-2.60	3.82	1.22	≤ 24.00
				RU106/107	-3.45	-1.87	0.42	3.82	4.24	≤ 24.00
802.11ax-HE20	MCS0	97	6435	RU26/0	-9.15	-6.88	-4.86	3.74	-1.12	≤ 24.00
				RU52/74	-5.66	-4.15	-1.83	3.74	1.91	≤ 24.00
				RU106/106	-2.75	-1.36	1.01	3.74	4.75	≤ 24.00
802.11ax-HE20	MCS0	105	6475	RU26/4	-7.95	-6.18	-3.97	3.74	-0.23	≤ 24.00
				RU52/75	-5.63	-4.19	-1.84	3.74	1.90	≤ 24.00
				RU106/106	-2.86	-1.44	0.92	3.74	4.66	≤ 24.00
802.11ax-HE20	MCS0	113	6515	RU26/8	-8.86	-7.39	-5.05	3.74	-1.31	≤ 24.00
				RU52/77	-6.09	-4.64	-2.29	3.74	1.45	≤ 24.00
				RU106/107	-2.99	-1.58	0.78	3.74	4.52	≤ 24.00
802.11ax-HE20	MCS0	117	6535	RU26/0	-9.08	-7.13	-4.99	3.68	-1.31	≤ 24.00
				RU52/74	-6.12	-4.04	-1.95	3.68	1.73	≤ 24.00
				RU106/106	-2.87	-1.25	1.03	3.68	4.71	≤ 24.00
802.11ax-HE20	MCS0	149	6695	RU26/4	-8.45	-6.69	-4.47	3.68	-0.79	≤ 24.00
				RU52/75	-6.14	-4.56	-2.27	3.68	1.41	≤ 24.00
				RU106/106	-3.42	-1.73	0.52	3.68	4.20	≤ 24.00
802.11ax-HE20	MCS0	181	6855	RU26/8	-10.46	-9.05	-6.69	3.68	-3.01	≤ 24.00
				RU52/77	-7.42	-5.42	-3.30	3.68	0.38	≤ 24.00
				RU106/107	-4.23	-2.42	-0.22	3.68	3.46	≤ 24.00

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	RU index	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE20	MCS0	185	6875	RU26/8	-11.12	-9.03	-6.94	3.72	-3.22	≤ 24.00
				RU52/77	-7.92	-6.12	-3.92	3.72	-0.20	≤ 24.00
				RU106/107	-4.89	-2.89	-0.77	3.72	2.95	≤ 24.00
802.11ax-HE20	MCS0	189	6895	RU26/0	-10.83	-9.64	-7.18	3.72	-3.46	≤ 24.00
				RU52/74	-7.64	-6.63	-4.10	3.72	-0.38	≤ 24.00
				RU106/106	-4.58	-3.69	-1.10	3.72	2.62	≤ 24.00
802.11ax-HE20	MCS0	209	6995	RU26/4	-10.14	-9.11	-6.58	3.72	-2.86	≤ 24.00
				RU52/75	-7.87	-6.98	-4.39	3.72	-0.67	≤ 24.00
				RU106/106	-5.19	-3.88	-1.48	3.72	2.24	≤ 24.00
802.11ax-HE20	MCS0	233	7115	RU26/8	-10.65	-8.03	-6.14	3.72	-2.42	≤ 24.00
				RU52/77	-7.72	-5.43	-3.42	3.72	0.30	≤ 24.00
				RU106/107	-4.45	-2.24	-0.20	3.72	3.52	≤ 24.00
802.11ax-HE40	MCS0	3	5965	RU242/122	0.46	1.26	3.89	3.82	7.71	≤ 24.00
802.11ax-HE40	MCS0	51	6205	RU242/122	0.31	0.65	3.49	3.82	7.31	≤ 24.00
802.11ax-HE40	MCS0	91	6405	RU242/123	-0.39	0.63	3.16	3.82	6.98	≤ 24.00
802.11ax-HE40	MCS0	99	6445	RU242/122	-0.38	0.98	3.36	3.74	7.10	≤ 24.00
802.11ax-HE40	MCS0	107	6485	RU242/123	-1.13	0.04	2.50	3.74	6.24	≤ 24.00
802.11ax-HE40	MCS0	115	6525	RU242/123	-0.25	1.16	3.52	3.74	7.26	≤ 24.00
802.11ax-HE40	MCS0	123	6565	RU242/122	0.82	2.46	4.73	3.68	8.41	≤ 24.00
802.11ax-HE40	MCS0	147	6685	RU242/122	0.54	1.51	4.06	3.68	7.74	≤ 24.00
802.11ax-HE40	MCS0	179	6845	RU242/123	-1.32	0.96	2.98	3.68	6.66	≤ 24.00
802.11ax-HE40	MCS0	187	6885	RU242/123	-0.97	0.75	2.98	3.72	6.70	≤ 24.00
802.11ax-HE40	MCS0	195	6925	RU242/122	-1.21	0.30	2.62	3.72	6.34	≤ 24.00
802.11ax-HE40	MCS0	211	7005	RU242/122	-0.93	0.51	2.86	3.72	6.58	≤ 24.00
802.11ax-HE40	MCS0	227	7085	RU242/123	-0.97	1.12	3.21	3.72	6.93	≤ 24.00

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	RU index	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE80	MCS0	7	5985	RU484/130	3.48	3.79	6.65	3.82	10.47	≤ 24.00
802.11ax-HE80	MCS0	55	6225	RU484/130	3.81	4.05	6.94	3.82	10.76	≤ 24.00
802.11ax-HE80	MCS0	87	6385	RU484/131	2.86	4.12	6.55	3.82	10.37	≤ 24.00
802.11ax-HE80	MCS0	103	6465	RU484/130	2.71	4.12	6.48	3.74	10.22	≤ 24.00
802.11ax-HE80	MCS0	119	6545	RU484/131	4.32	5.03	7.70	3.74	11.44	≤ 24.00
802.11ax-HE80	MCS0	135	6625	RU484/130	1.79	3.02	5.46	3.68	9.14	≤ 24.00
802.11ax-HE80	MCS0	151	6705	RU484/130	3.43	4.26	6.88	3.68	10.56	≤ 24.00
802.11ax-HE80	MCS0	167	6785	RU484/131	2.82	4.84	6.96	3.68	10.64	≤ 24.00
802.11ax-HE80	MCS0	183	6865	RU484/131	3.14	4.50	6.88	3.68	10.56	≤ 24.00
802.11ax-HE80	MCS0	199	6945	RU484/130	3.48	4.14	6.83	3.72	10.55	≤ 24.00
802.11ax-HE80	MCS0	215	7025	RU484/131	3.27	5.03	7.25	3.72	10.97	≤ 24.00
802.11ax-HE160	MCS0	15	6025	RU996/134	6.14	6.92	9.56	3.82	13.38	≤ 24.00
802.11ax-HE160	MCS0	47	6185	RU996/134	6.94	7.12	10.04	3.82	13.86	≤ 24.00
802.11ax-HE160	MCS0	79	6345	RU996/135	6.51	6.67	9.60	3.82	13.42	≤ 24.00
802.11ax-HE160	MCS0	111	6505	RU996/134	6.35	7.45	9.95	3.74	13.69	≤ 24.00
802.11ax-HE160	MCS0	143	6665	RU996/134	6.31	7.15	9.76	3.68	13.44	≤ 24.00
802.11ax-HE160	MCS0	175	6825	RU996/135	6.42	8.21	10.42	3.68	14.10	≤ 24.00
802.11ax-HE160	MCS0	207	6985	RU996/134	6.32	7.23	9.81	3.72	13.53	≤ 24.00

Note 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$.

Note 2: EIRP (dBm) = Total Average Power (dBm) + Antenna Gain (dBi).

Client operating under the control of a standard power access point

Full RU:

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-02-25		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE20	MCS0	1	5955	10.48	11.07	13.80	3.82	17.62	≤ 30.00
802.11ax-HE20	MCS0	49	6195	10.89	10.84	13.88	3.82	17.70	≤ 30.00
802.11ax-HE20	MCS0	93	6415	10.65	10.93	13.80	3.82	17.62	≤ 30.00
802.11ax-HE20	MCS0	117	6535	10.81	11.59	14.23	3.68	17.91	≤ 30.00
802.11ax-HE20	MCS0	149	6695	10.86	11.24	14.06	3.68	17.74	≤ 30.00
802.11ax-HE20	MCS0	181	6855	10.38	11.91	14.22	3.68	17.90	≤ 30.00
802.11ax-HE40	MCS0	3	5965	10.43	11.18	13.83	3.82	17.65	≤ 30.00
802.11ax-HE40	MCS0	51	6205	10.73	10.94	13.85	3.82	17.67	≤ 30.00
802.11ax-HE40	MCS0	91	6405	10.89	11.42	14.17	3.82	17.99	≤ 30.00
802.11ax-HE40	MCS0	123	6565	10.91	11.48	14.21	3.68	17.89	≤ 30.00
802.11ax-HE40	MCS0	147	6685	10.38	11.12	13.78	3.68	17.46	≤ 30.00
802.11ax-HE40	MCS0	179	6845	10.28	11.57	13.98	3.68	17.66	≤ 30.00
802.11ax-HE80	MCS0	7	5985	10.52	11.36	13.97	3.82	17.79	≤ 30.00
802.11ax-HE80	MCS0	55	6225	10.89	10.98	13.95	3.82	17.77	≤ 30.00
802.11ax-HE80	MCS0	87	6385	10.76	11.02	13.90	3.82	17.72	≤ 30.00
802.11ax-HE80	MCS0	135	6625	10.82	11.47	14.17	3.68	17.85	≤ 30.00
802.11ax-HE80	MCS0	151	6705	10.87	11.45	14.18	3.68	17.86	≤ 30.00
802.11ax-HE80	MCS0	167	6785	10.09	11.72	13.99	3.68	17.67	≤ 30.00
802.11ax-HE160	MCS0	15	6025	11.07	11.96	14.55	3.82	18.37	≤ 30.00
802.11ax-HE160	MCS0	47	6185	11.38	11.31	14.36	3.82	18.18	≤ 30.00
802.11ax-HE160	MCS0	79	6345	10.92	11.43	14.19	3.82	18.01	≤ 30.00
802.11ax-HE160	MCS0	111	6505	11.76	12.59	15.21	3.74	18.95	≤ 30.00
802.11ax-HE160	MCS0	143	6665	11.68	12.47	15.10	3.68	18.78	≤ 30.00

Note 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$.

Note 2: EIRP (dBm) = Total Average Power (dBm) + Antenna Gain (dBi).

Partial RU:

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-02-25		

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	RU index	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE20	MCS0	1	5955	RU26/0	1.17	1.92	4.57	3.82	8.39	≤ 30.00
				RU52/74	3.13	3.93	6.56	3.82	10.38	≤ 30.00
				RU106/106	6.97	8.05	10.55	3.82	14.37	≤ 30.00
802.11ax-HE20	MCS0	49	6195	RU26/4	2.57	3.18	5.90	3.82	9.72	≤ 30.00
				RU52/75	3.92	4.68	7.33	3.82	11.15	≤ 30.00
				RU106/106	7.46	7.86	10.67	3.82	14.49	≤ 30.00
802.11ax-HE20	MCS0	93	6415	RU26/8	0.68	2.89	4.93	3.82	8.75	≤ 30.00
				RU52/77	0.43	2.65	4.69	3.82	8.51	≤ 30.00
				RU106/107	7.42	7.84	10.65	3.82	14.47	≤ 30.00
802.11ax-HE20	MCS0	117	6535	RU26/0	0.77	2.84	4.94	3.68	8.62	≤ 30.00
				RU52/74	2.89	4.42	6.73	3.68	10.41	≤ 30.00
				RU106/106	6.92	7.91	10.45	3.68	14.13	≤ 30.00
802.11ax-HE20	MCS0	149	6695	RU26/4	1.24	2.67	5.02	3.68	8.70	≤ 30.00
				RU52/75	4.62	5.37	8.02	3.68	11.70	≤ 30.00
				RU106/106	7.43	8.25	10.87	3.68	14.55	≤ 30.00
802.11ax-HE20	MCS0	181	6855	RU26/8	-0.91	1.13	3.24	3.68	6.92	≤ 30.00
				RU52/77	4.36	6.21	8.39	3.68	12.07	≤ 30.00
				RU106/107	6.87	8.82	10.96	3.68	14.64	≤ 30.00
802.11ax-HE40	MCS0	3	5965	RU242/122	7.46	8.86	11.23	3.82	15.05	≤ 30.00
802.11ax-HE40	MCS0	51	6205	RU242/122	7.98	8.25	11.13	3.82	14.95	≤ 30.00
802.11ax-HE40	MCS0	91	6405	RU242/123	8.48	8.93	11.72	3.82	15.54	≤ 30.00
802.11ax-HE40	MCS0	123	6565	RU242/122	7.72	8.90	11.36	3.68	15.04	≤ 30.00
802.11ax-HE40	MCS0	147	6685	RU242/122	7.03	7.76	10.42	3.68	14.10	≤ 30.00
802.11ax-HE40	MCS0	179	6845	RU242/123	6.76	8.62	10.80	3.68	14.48	≤ 30.00

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	RU index	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)
802.11ax-HE80	MCS0	7	5985	RU484/130	7.57	8.55	11.10	3.82	14.92	≤ 30.00
802.11ax-HE80	MCS0	55	6225	RU484/130	7.73	8.18	10.97	3.82	14.79	≤ 30.00
802.11ax-HE80	MCS0	87	6385	RU484/131	8.31	8.29	11.31	3.82	15.13	≤ 30.00
802.11ax-HE80	MCS0	135	6625	RU484/130	6.93	8.56	10.83	3.68	14.51	≤ 30.00
802.11ax-HE80	MCS0	151	6705	RU484/130	7.69	8.29	11.01	3.68	14.69	≤ 30.00
802.11ax-HE80	MCS0	167	6785	RU484/131	7.27	9.08	11.28	3.68	14.96	≤ 30.00
802.11ax-HE160	MCS0	15	6025	RU996/134	8.45	8.72	11.60	3.82	15.42	≤ 30.00
802.11ax-HE160	MCS0	47	6185	RU996/134	9.28	9.02	12.16	3.82	15.98	≤ 30.00
802.11ax-HE160	MCS0	79	6345	RU996/135	8.57	8.32	11.46	3.82	15.28	≤ 30.00
802.11ax-HE160	MCS0	143	6665	RU996/134	9.16	9.78	12.49	3.68	16.17	≤ 30.00

Note 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$.

Note 2: EIRP (dBm) = Total Average Power (dBm) + Antenna Gain (dBi).

A.4 Power Spectral Density Test Result

Client operating under the control of an indoor access point

Full RU:

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-01-07 ~ 2025-01-08		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Duty Cycle (%)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE20	MCS0	1	5955	-11.315	-10.617	99.58	6.83	-1.112	≤ -1.00
802.11ax-HE20	MCS0	49	6195	-11.463	-11.126	99.58	6.83	-1.451	≤ -1.00
802.11ax-HE20	MCS0	93	6415	-12.423	-10.633	99.58	6.83	-1.596	≤ -1.00
802.11ax-HE20	MCS0	97	6435	-11.735	-10.249	99.58	6.75	-1.168	≤ -1.00
802.11ax-HE20	MCS0	105	6475	-11.819	-10.085	99.58	6.75	-1.106	≤ -1.00
802.11ax-HE20	MCS0	113	6515	-11.735	-10.143	99.58	6.75	-1.106	≤ -1.00
802.11ax-HE20	MCS0	117	6535	-11.949	-10.271	99.58	6.69	-1.329	≤ -1.00
802.11ax-HE20	MCS0	149	6695	-11.927	-10.364	99.58	6.69	-1.375	≤ -1.00
802.11ax-HE20	MCS0	181	6855	-13.141	-11.125	99.58	6.69	-2.317	≤ -1.00
802.11ax-HE20	MCS0	185	6875	-13.245	-11.174	99.58	6.73	-2.347	≤ -1.00
802.11ax-HE20	MCS0	189	6895	-13.194	-11.771	99.58	6.73	-2.684	≤ -1.00
802.11ax-HE20	MCS0	209	6995	-13.706	-12.109	99.58	6.73	-3.094	≤ -1.00
802.11ax-HE20	MCS0	229	7095	-13.134	-10.884	99.58	6.73	-2.125	≤ -1.00
802.11ax-HE20	MCS0	233	7115	-13.181	-11.015	99.58	6.73	-2.224	≤ -1.00
802.11ax-HE40	MCS0	3	5965	-11.895	-11.268	99.52	6.83	-1.730	≤ -1.00
802.11ax-HE40	MCS0	51	6205	-11.597	-11.402	99.52	6.83	-1.658	≤ -1.00
802.11ax-HE40	MCS0	91	6405	-12.557	-11.073	99.52	6.83	-1.912	≤ -1.00
802.11ax-HE40	MCS0	99	6445	-12.705	-11.039	99.52	6.75	-2.032	≤ -1.00
802.11ax-HE40	MCS0	107	6485	-13.181	-12.053	99.52	6.75	-2.820	≤ -1.00
802.11ax-HE40	MCS0	115	6525	-13.034	-11.156	99.52	6.75	-2.234	≤ -1.00
802.11ax-HE40	MCS0	123	6565	-11.453	-10.320	99.52	6.69	-1.149	≤ -1.00
802.11ax-HE40	MCS0	147	6685	-11.796	-10.768	99.52	6.69	-1.551	≤ -1.00
802.11ax-HE40	MCS0	179	6845	-12.290	-10.360	99.52	6.69	-1.518	≤ -1.00
802.11ax-HE40	MCS0	187	6885	-12.280	-10.712	99.52	6.73	-1.685	≤ -1.00
802.11ax-HE40	MCS0	195	6925	-11.912	-10.584	99.52	6.73	-1.457	≤ -1.00
802.11ax-HE40	MCS0	211	7005	-11.892	-10.649	99.52	6.73	-1.486	≤ -1.00
802.11ax-HE40	MCS0	227	7085	-12.693	-10.073	99.52	6.73	-1.448	≤ -1.00

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Duty Cycle (%)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
802.11ax-HE80	MCS0	7	5985	-11.957	-10.503	99.22	6.83	-1.329	≤ -1.00
802.11ax-HE80	MCS0	55	6225	-11.615	-11.276	99.22	6.83	-1.602	≤ -1.00
802.11ax-HE80	MCS0	87	6385	-11.658	-11.090	99.22	6.83	-1.524	≤ -1.00
802.11ax-HE80	MCS0	103	6465	-11.673	-10.682	99.22	6.75	-1.389	≤ -1.00
802.11ax-HE80	MCS0	119	6545	-11.427	-10.521	99.22	6.75	-1.190	≤ -1.00
802.11ax-HE80	MCS0	135	6625	-11.918	-10.824	99.22	6.69	-1.636	≤ -1.00
802.11ax-HE80	MCS0	151	6705	-11.435	-10.590	99.22	6.69	-1.292	≤ -1.00
802.11ax-HE80	MCS0	167	6785	-12.281	-10.182	99.22	6.69	-1.406	≤ -1.00
802.11ax-HE80	MCS0	183	6865	-11.887	-9.942	99.22	6.69	-1.106	≤ -1.00
802.11ax-HE80	MCS0	199	6945	-11.386	-10.685	99.22	6.73	-1.281	≤ -1.00
802.11ax-HE80	MCS0	215	7025	-12.118	-10.030	99.22	6.73	-1.209	≤ -1.00
802.11ax-HE160	MCS0	15	6025	-11.718	-11.266	99.10	6.83	-1.646	≤ -1.00
802.11ax-HE160	MCS0	47	6185	-11.470	-11.174	99.10	6.83	-1.479	≤ -1.00
802.11ax-HE160	MCS0	79	6345	-11.390	-10.930	99.10	6.83	-1.314	≤ -1.00
802.11ax-HE160	MCS0	111	6505	-11.694	-10.599	99.10	6.75	-1.352	≤ -1.00
802.11ax-HE160	MCS0	143	6665	-11.852	-10.832	99.10	6.69	-1.612	≤ -1.00
802.11ax-HE160	MCS0	175	6825	-11.464	-10.207	99.10	6.69	-1.090	≤ -1.00
802.11ax-HE160	MCS0	207	6985	-11.659	-10.837	99.10	6.73	-1.488	≤ -1.00

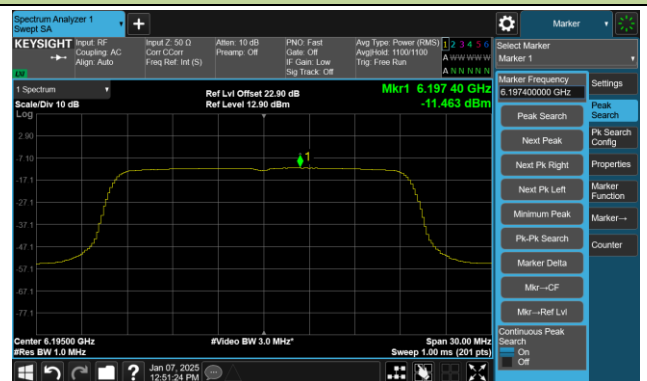
Note: When EUT duty cycle > 98%, EIRP PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/MHz) + Antenna Gain (dBi).

802.11ax-HE20 Power Spectral Density- Ant 0

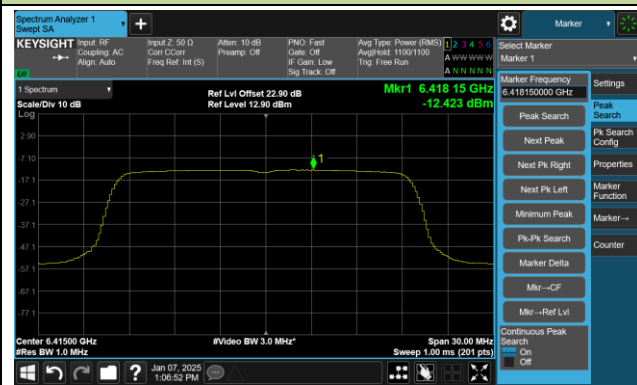
Channel 1 (5955MHz)



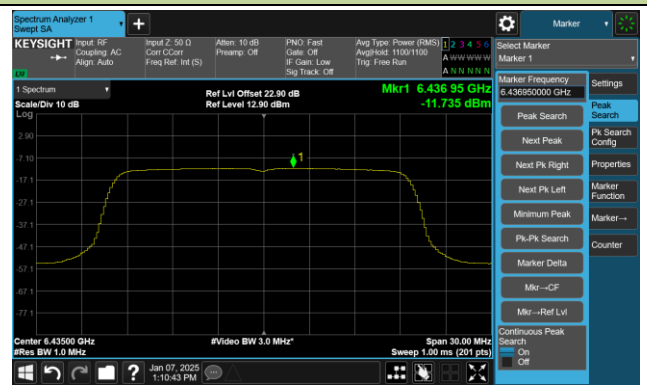
Channel 49 (6195MHz)



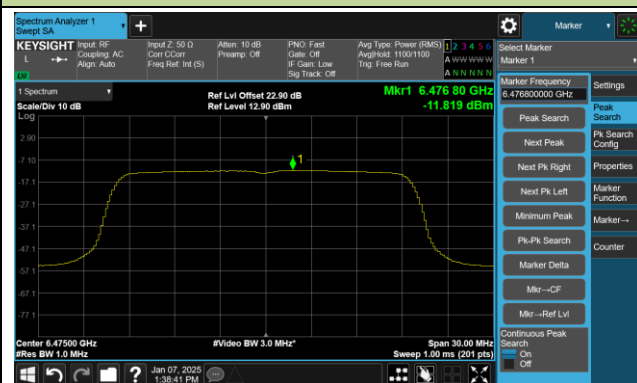
Channel 93 (6415MHz)



Channel 97 (6435MHz)



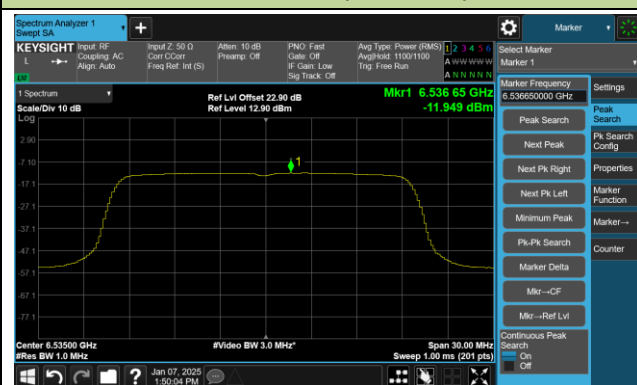
Channel 105 (6475MHz)



Channel 113 (6515MHz)



Channel 117 (6535MHz)

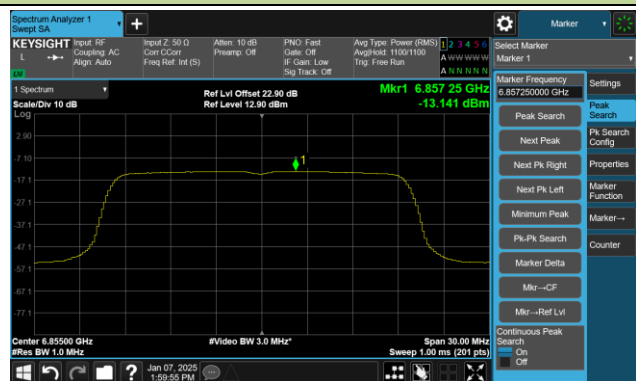


Channel 149 (6695MHz)

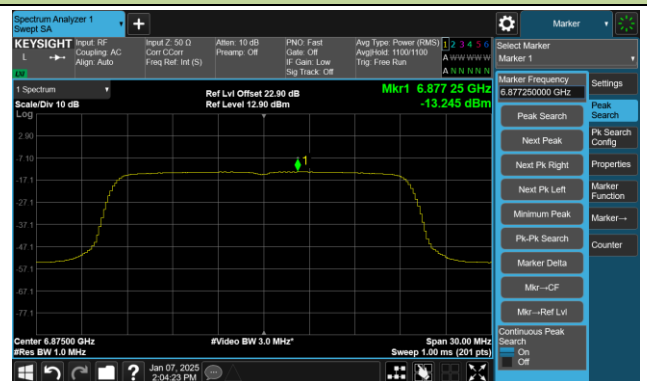


802.11ax-HE20 Power Spectral Density- Ant 0

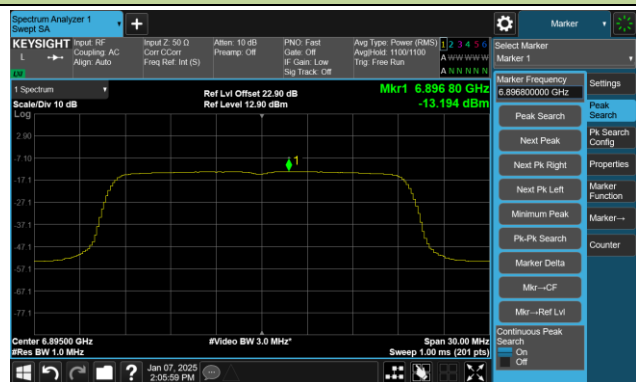
Channel 181 (6855MHz)



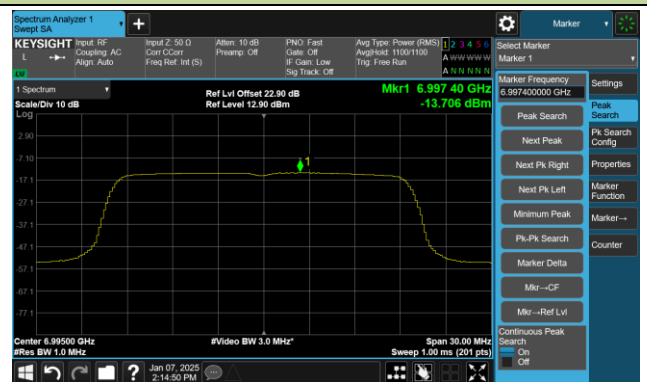
Channel 185 (6875MHz)



Channel 189 (6895MHz)



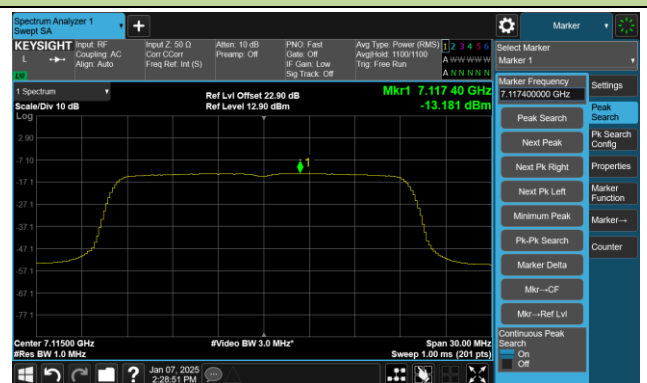
Channel 209 (6995MHz)



Channel 229 (7095MHz)



Channel 233 (7115MHz)

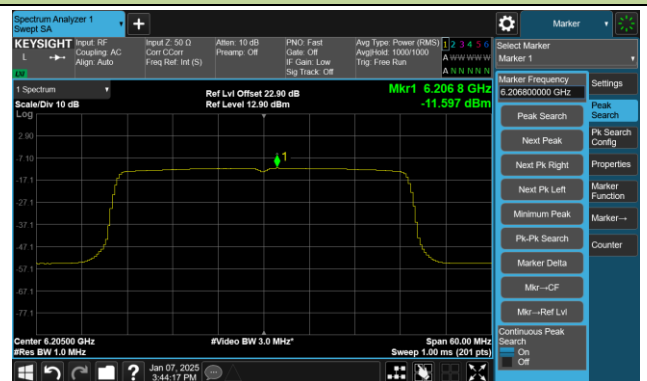


802.11ax-HE40 Power Spectral Density- Ant 0

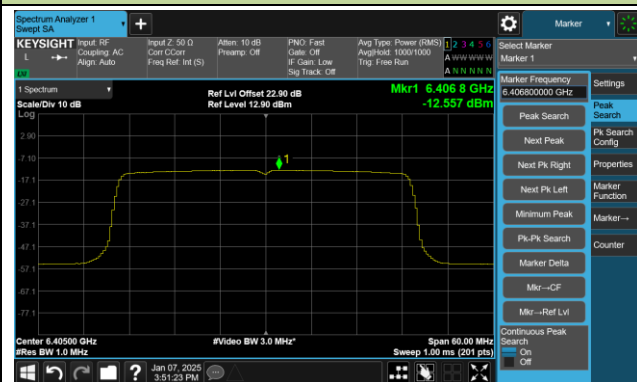
Channel 3 (5965MHz)



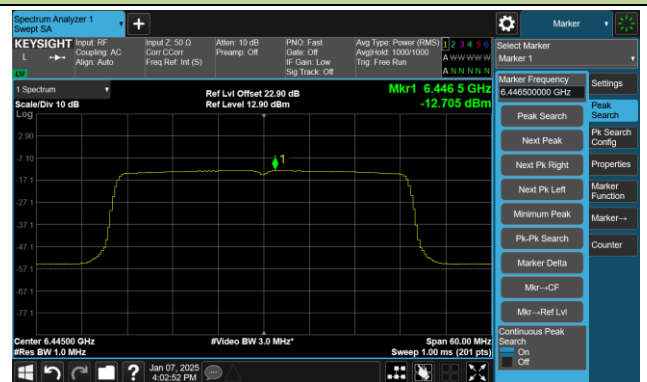
Channel 51 (6205MHz)



Channel 91 (6405MHz)



Channel 99 (6445MHz)



Channel 107 (6485MHz)



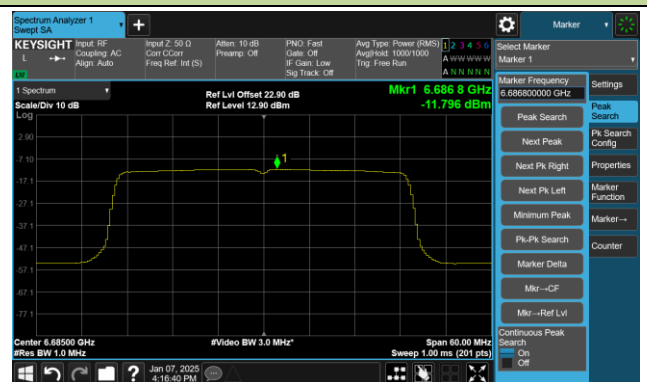
Channel 115 (6525MHz)



Channel 123 (6565MHz)

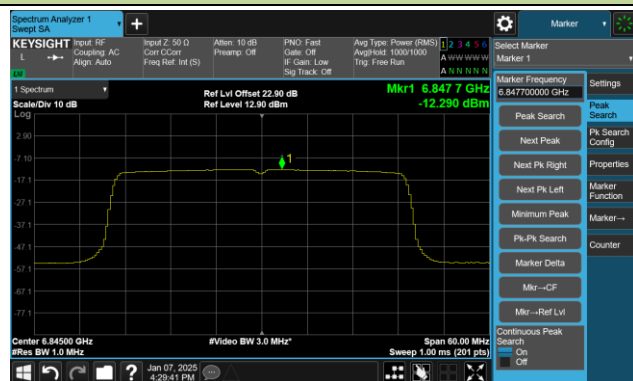


Channel 147 (6685MHz)

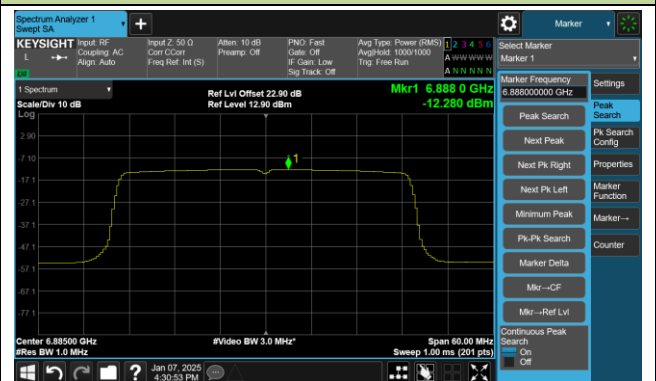


802.11ax-HE40 Power Spectral Density- Ant 0

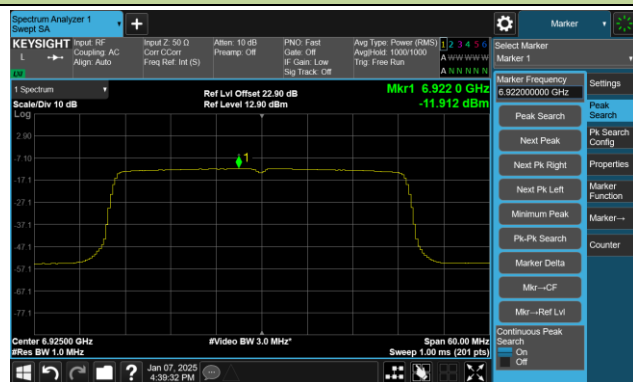
Channel 179 (6845MHz)



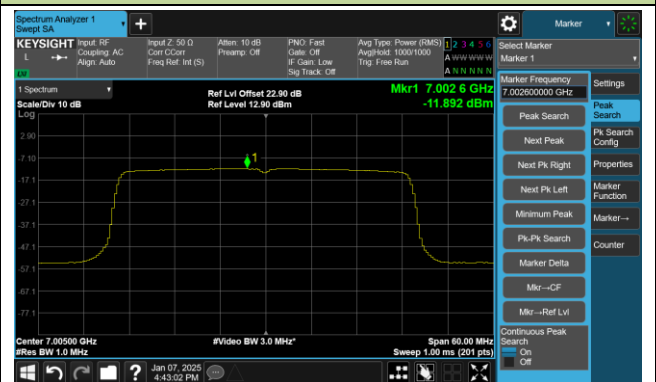
Channel 187 (6885MHz)



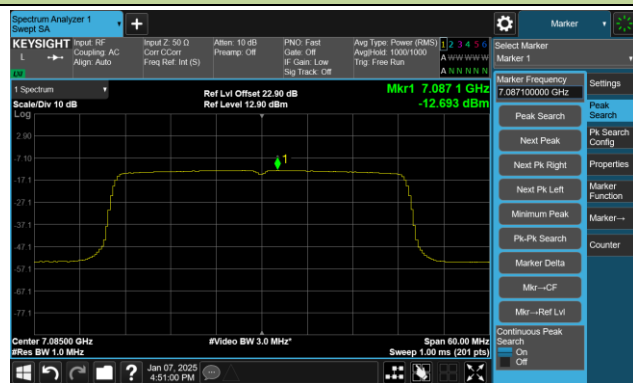
Channel 195 (6925MHz)



Channel 211 (7005MHz)

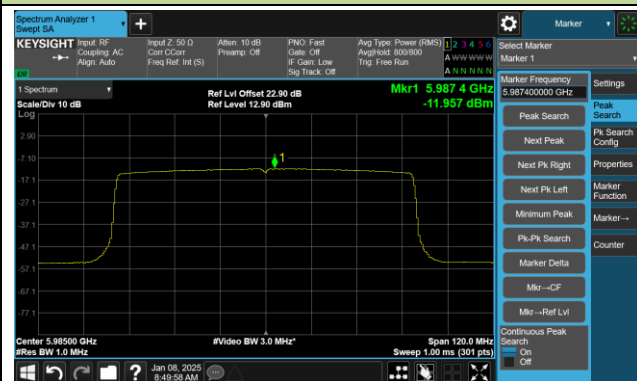


Channel 227 (7085MHz)

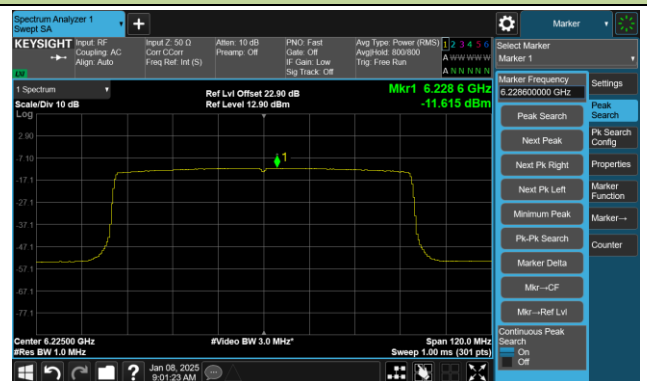


802.11ax-HE80 Power Spectral Density- Ant 0

Channel 7 (5985MHz)



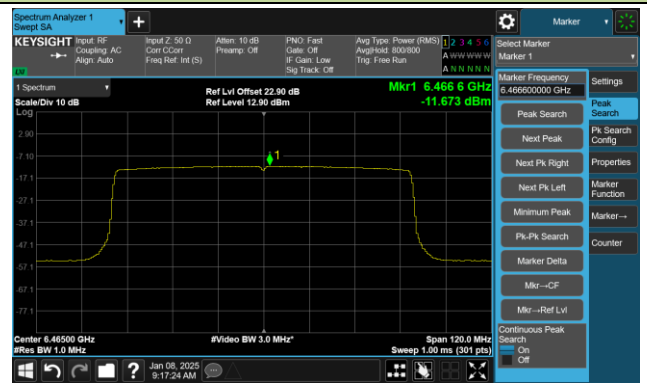
Channel 55 (6225MHz)



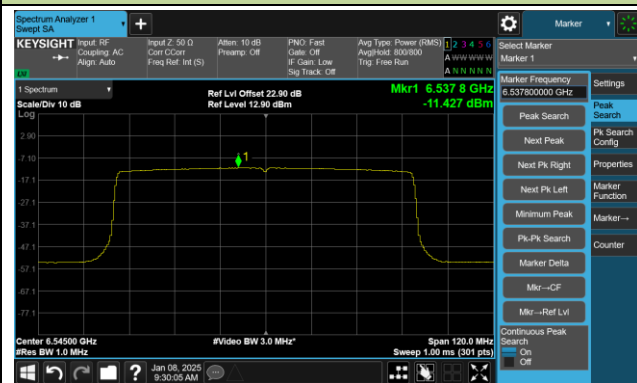
Channel 87 (6385MHz)



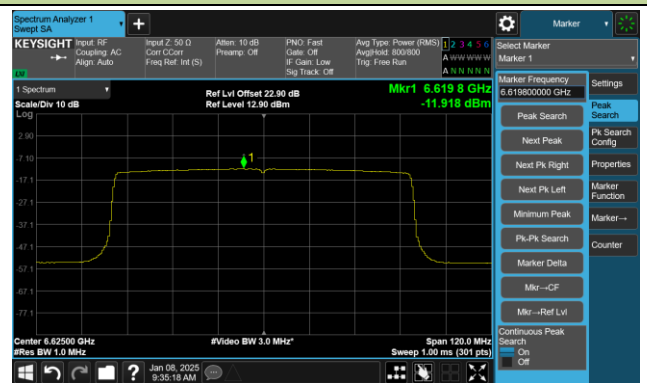
Channel 103 (6465MHz)



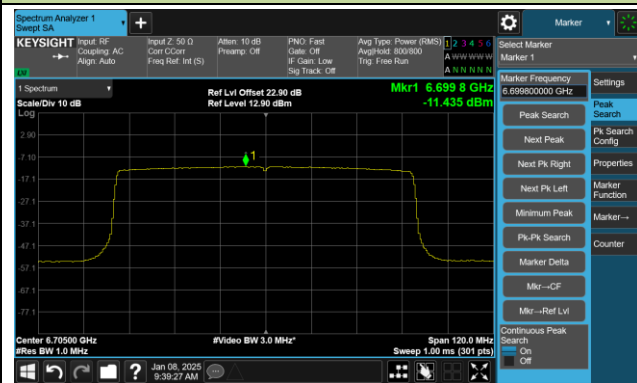
Channel 119 (6545MHz)



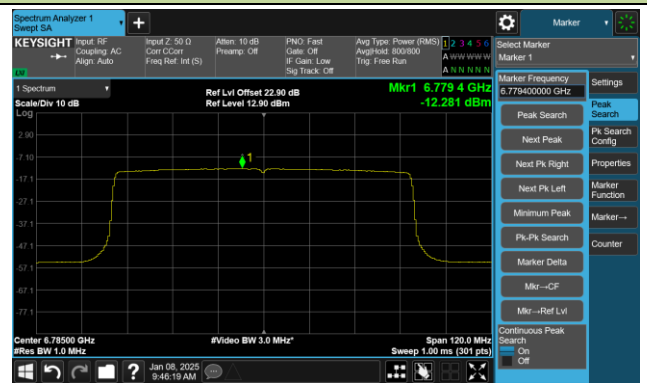
Channel 135 (6625MHz)



Channel 151 (6705MHz)

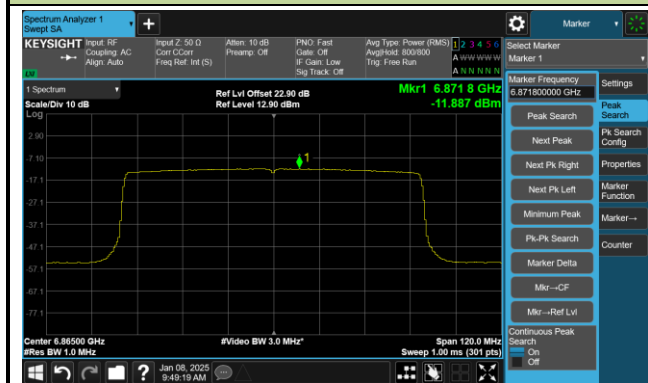


Channel 167 (6785MHz)

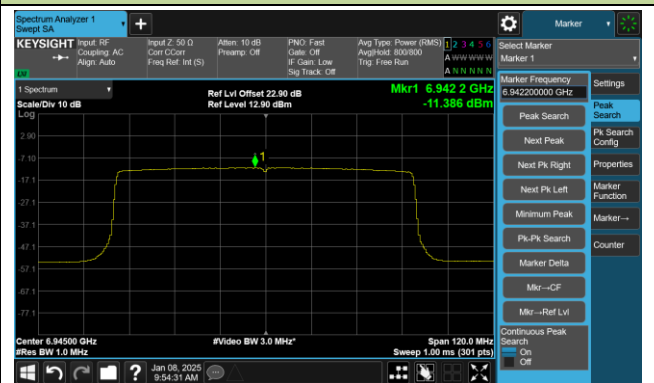


802.11ax-HE80 Power Spectral Density- Ant 0

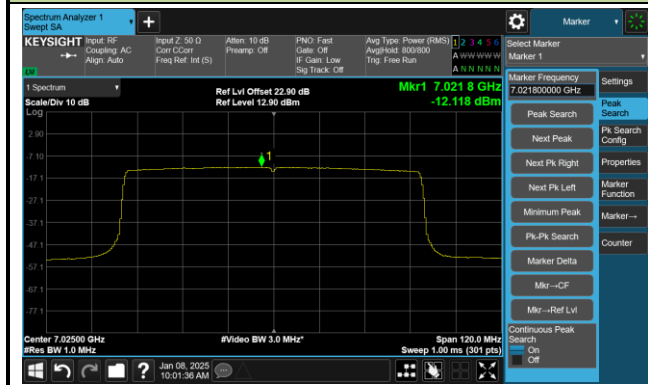
Channel 183 (6865MHz)



Channel 199 (6945MHz)

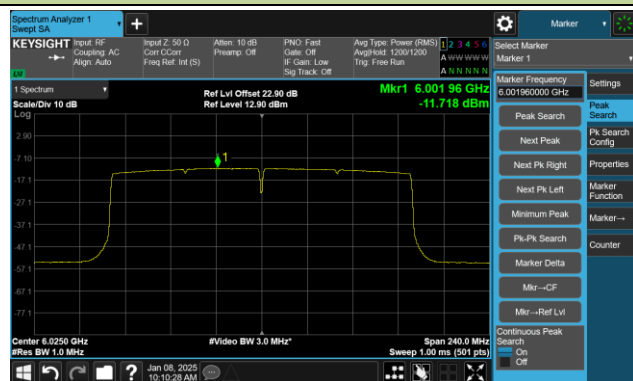


Channel 215 (7025MHz)

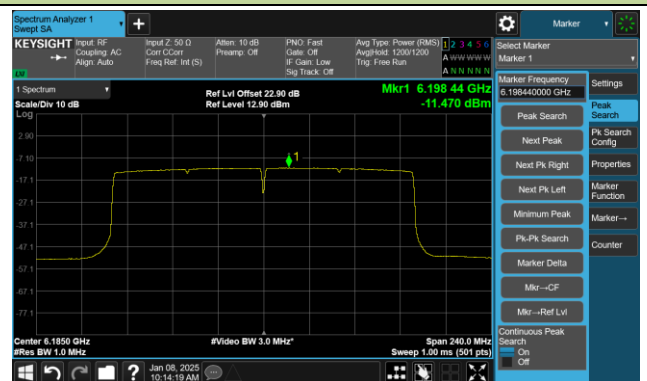


802.11ax-HE160 Power Spectral Density- Ant 0

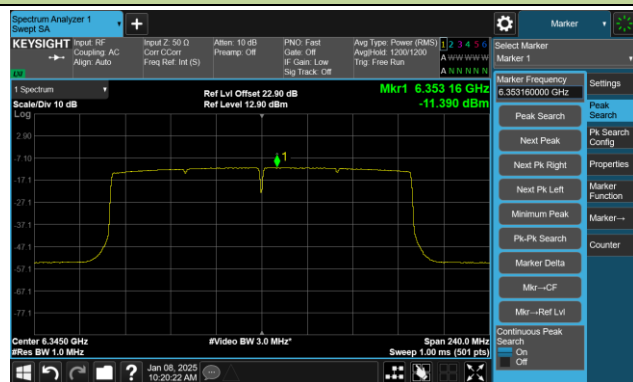
Channel 15 (6025MHz)



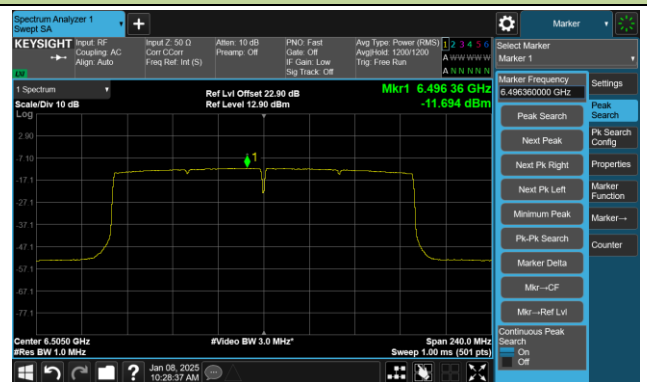
Channel 47 (6185MHz)



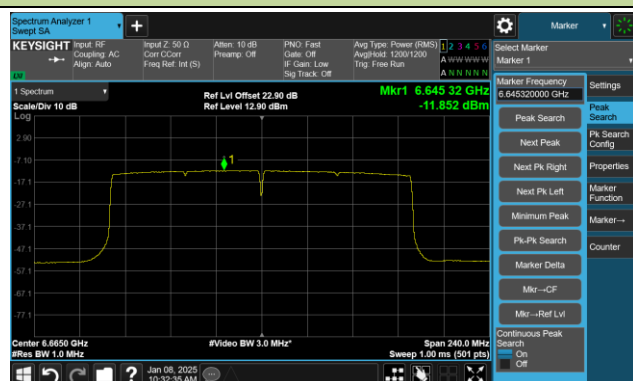
Channel 79 (6345MHz)



Channel 111 (6505MHz)



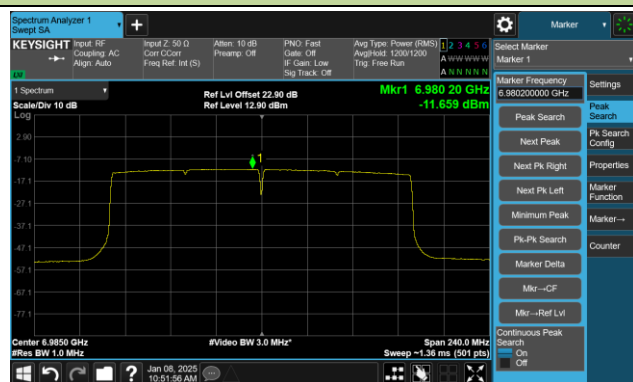
Channel 143 (6665MHz)



Channel 175 (6825MHz)

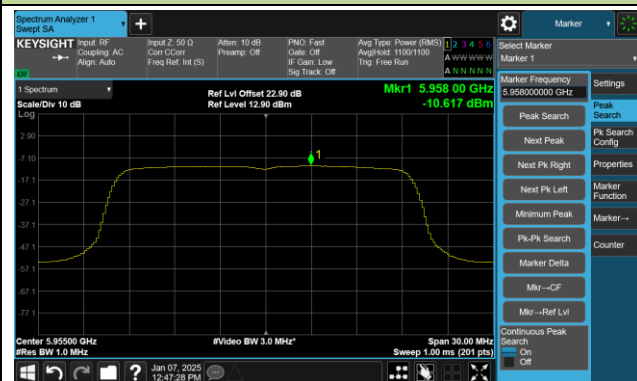


Channel 207 (6985MHz)

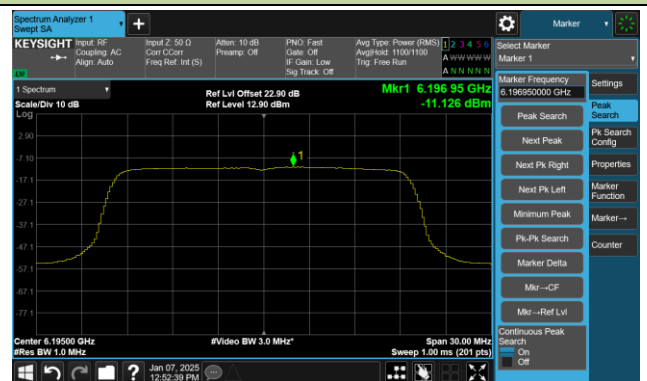


802.11ax-HE20 Power Spectral Density- Ant 1

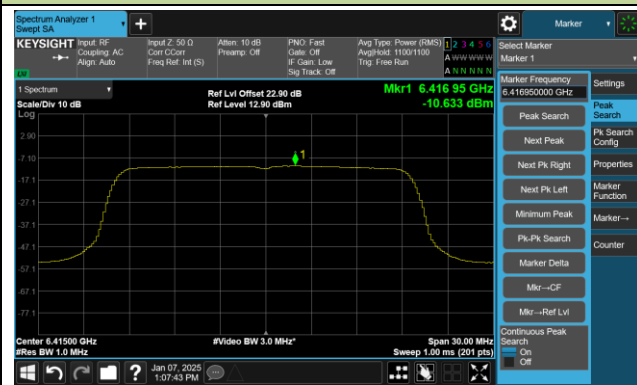
Channel 1 (5955MHz)



Channel 49 (6195MHz)



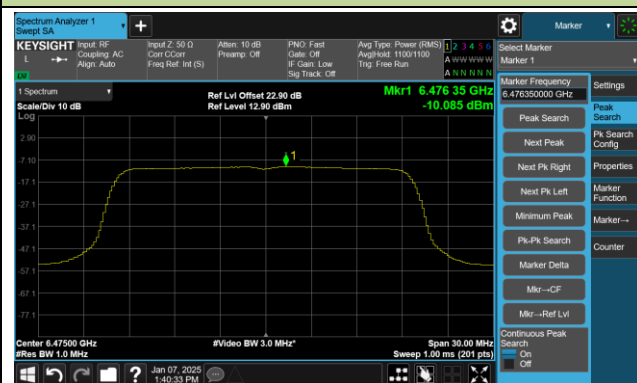
Channel 93 (6415MHz)



Channel 97 (6435MHz)



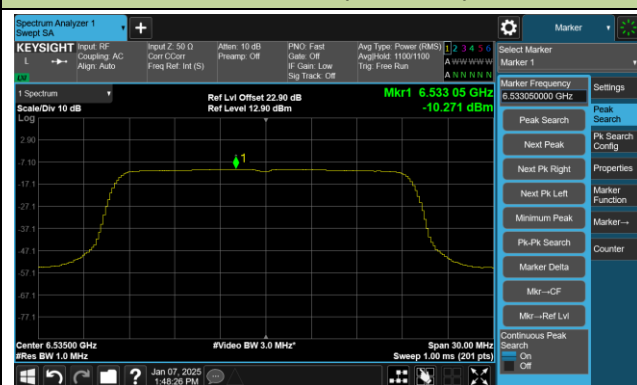
Channel 105 (6475MHz)



Channel 113 (6515MHz)



Channel 117 (6535MHz)



Channel 149 (6695MHz)

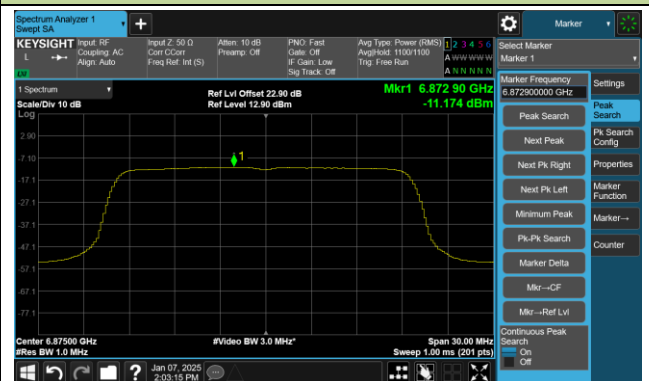


802.11ax-HE20 Power Spectral Density- Ant 1

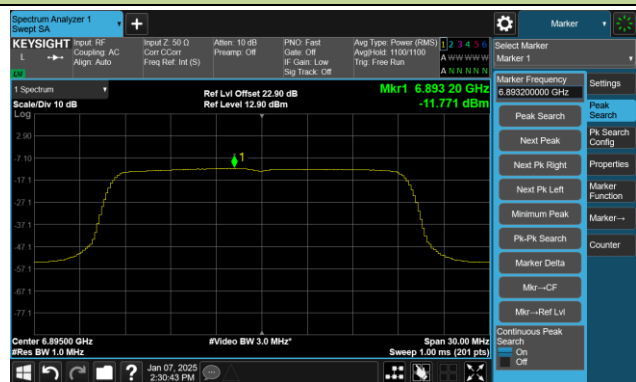
Channel 181 (6855MHz)



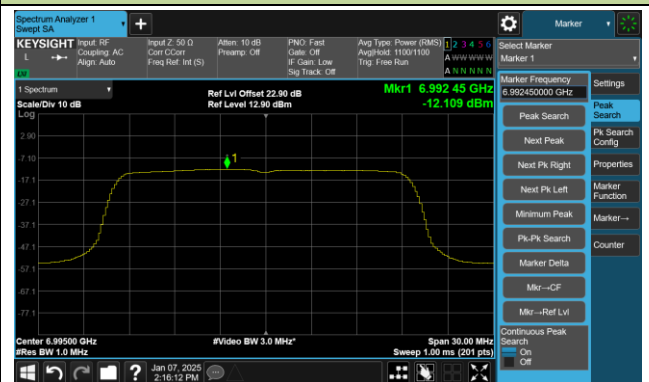
Channel 185 (6875MHz)



Channel 189 (6895MHz)



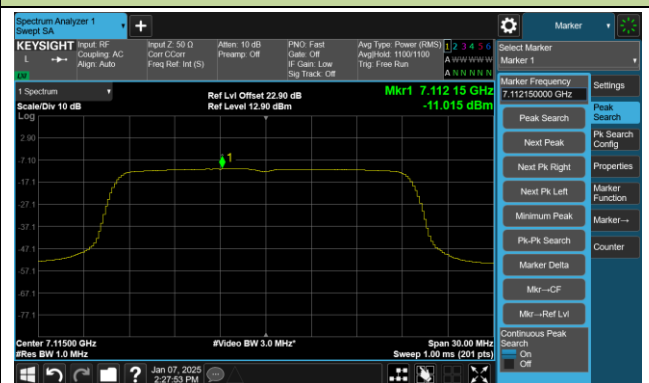
Channel 209 (6995MHz)



Channel 229 (7095MHz)

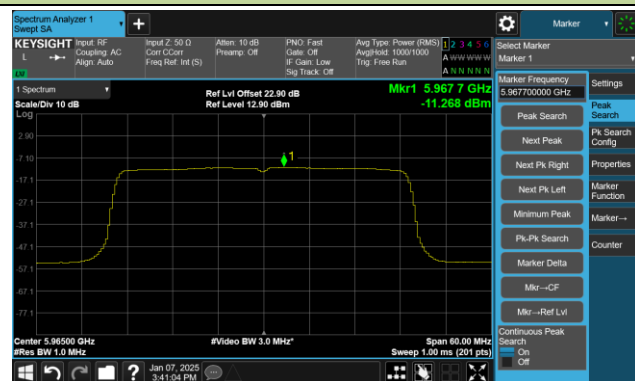


Channel 233 (7115MHz)

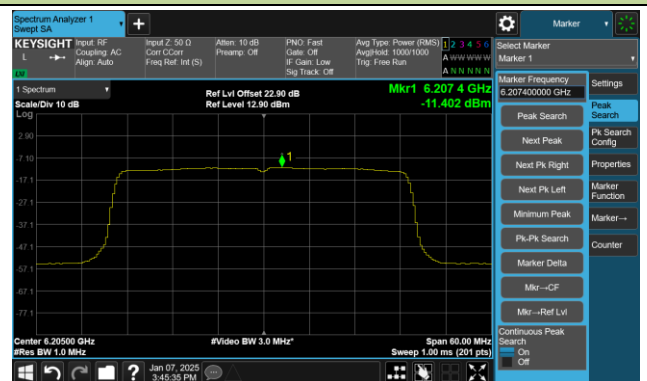


802.11ax-HE40 Power Spectral Density- Ant 1

Channel 3 (5965MHz)



Channel 51 (6205MHz)



Channel 91 (6405MHz)



Channel 99 (6445MHz)



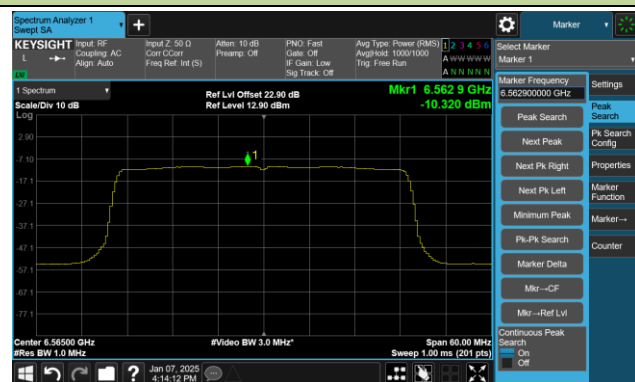
Channel 107 (6485MHz)



Channel 115 (6525MHz)



Channel 123 (6565MHz)



Channel 147 (6685MHz)

