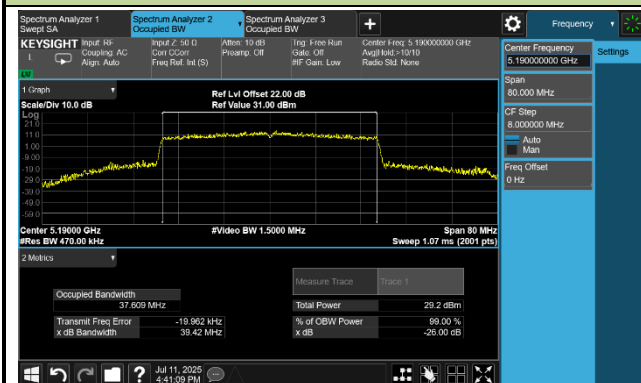
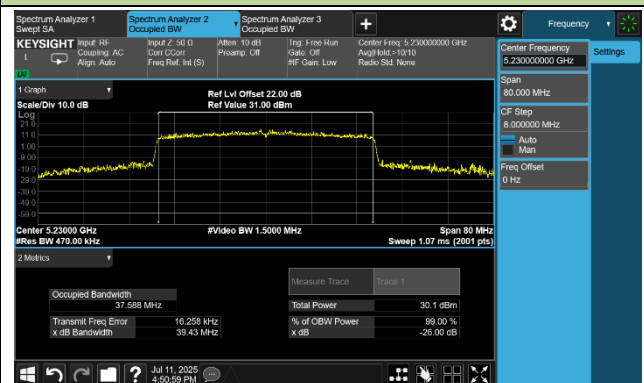


802.11ax-HE40 26 dB Bandwidth & 99% Bandwidth

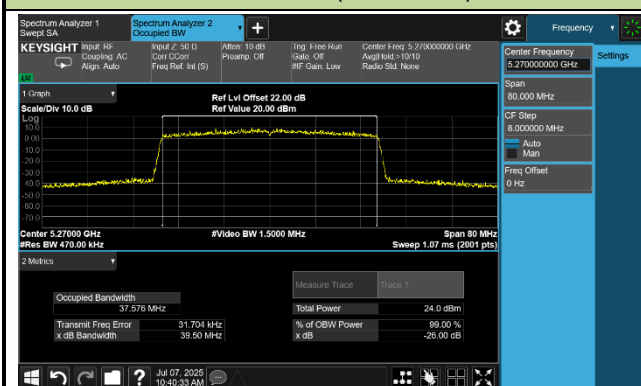
Channel 38 (5190 MHz)



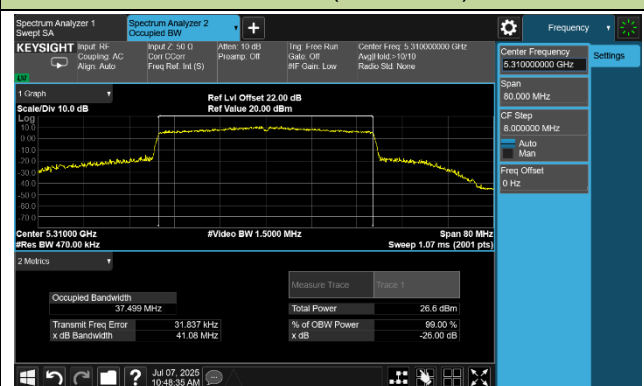
Channel 46 (5230 MHz)



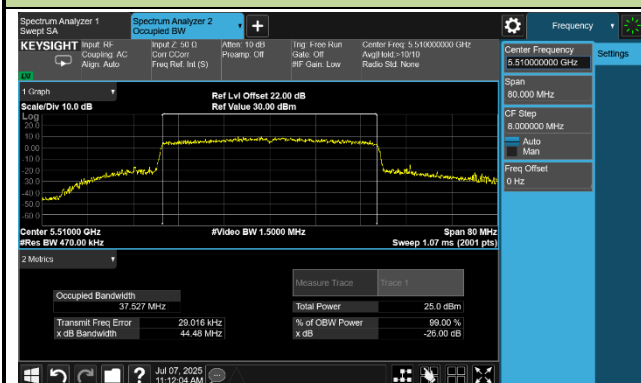
Channel 54 (5270 MHz)



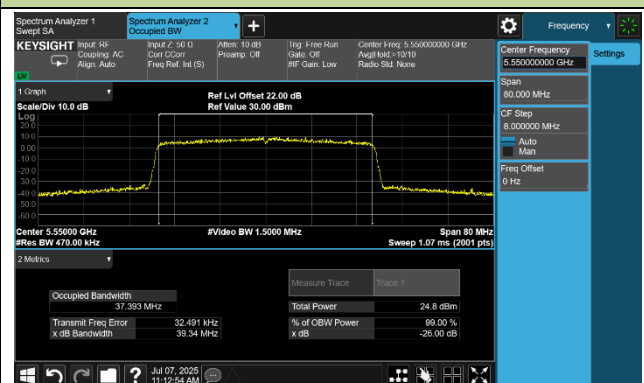
Channel 62 (5310 MHz)



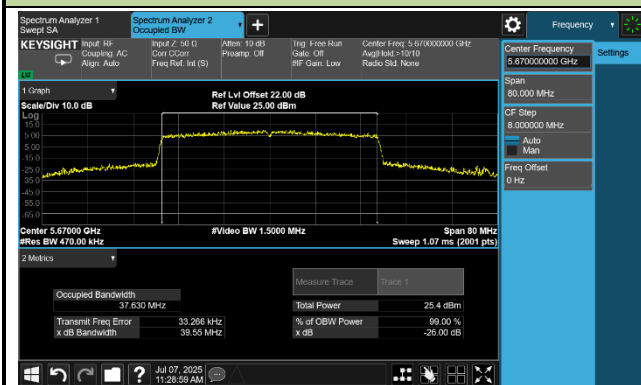
Channel 102 (5510 MHz)



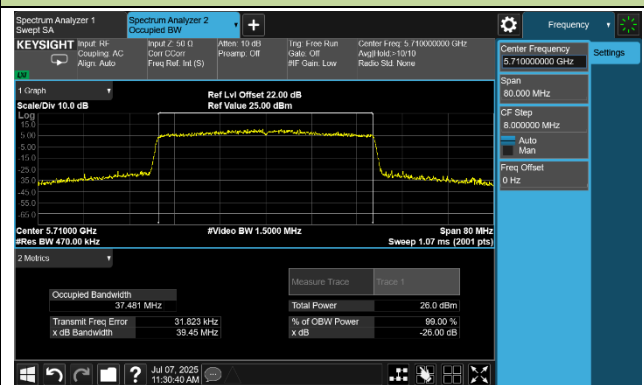
Channel 110 (5550 MHz)

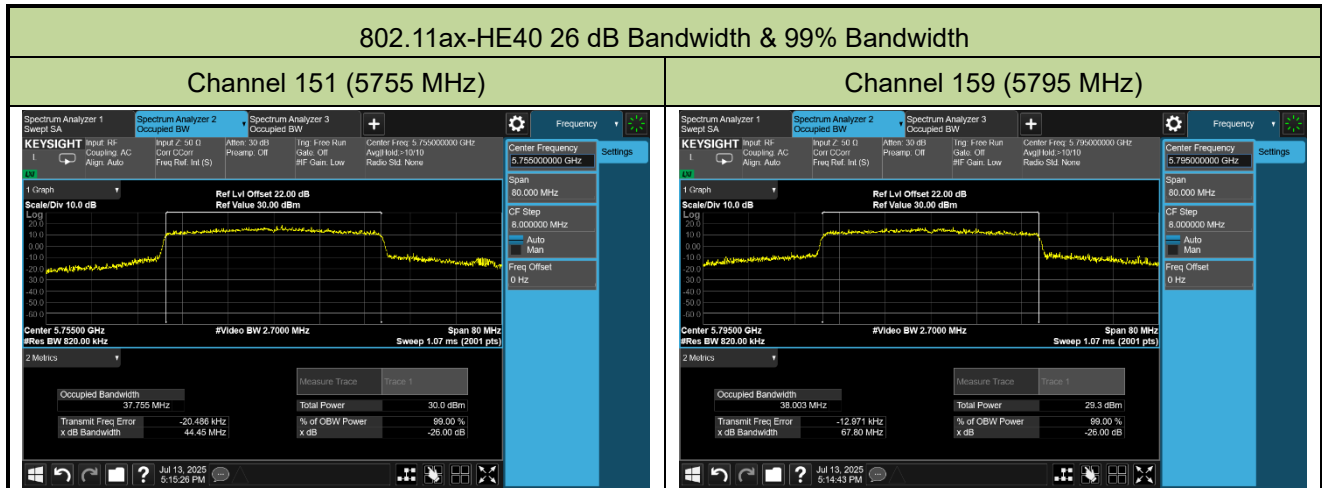


Channel 134 (5670 MHz)



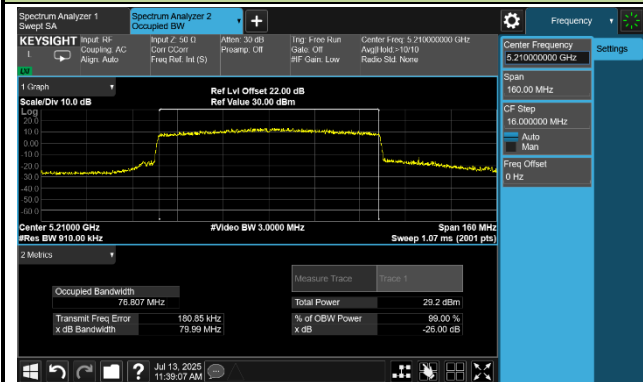
Channel 142(5710 MHz)



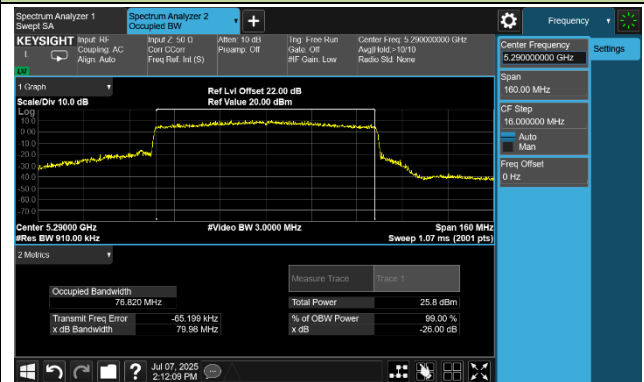


802.11ax-HE80 26 dB Bandwidth & 99% Bandwidth

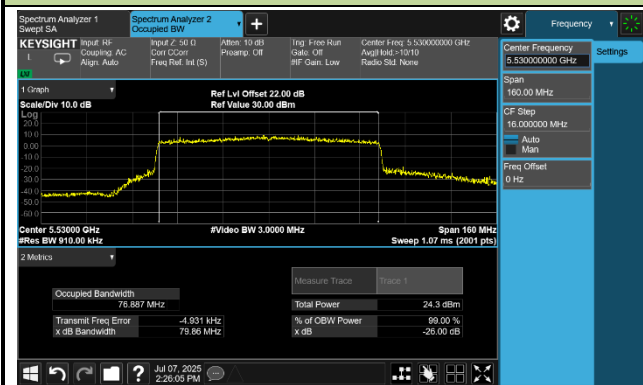
Channel 42 (5210 MHz)



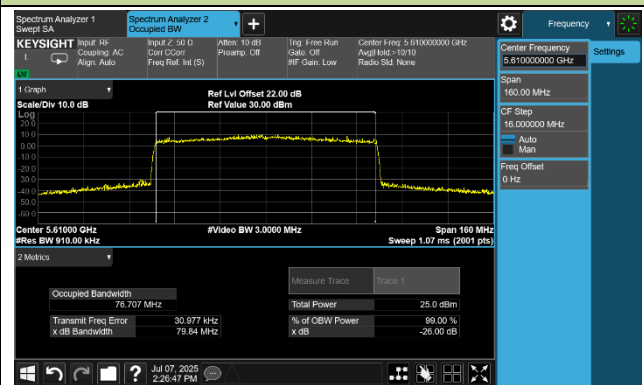
Channel 58 (5290 MHz)



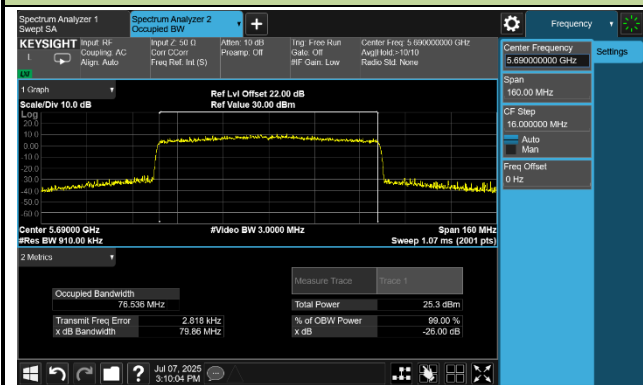
Channel 106 (5530 MHz)



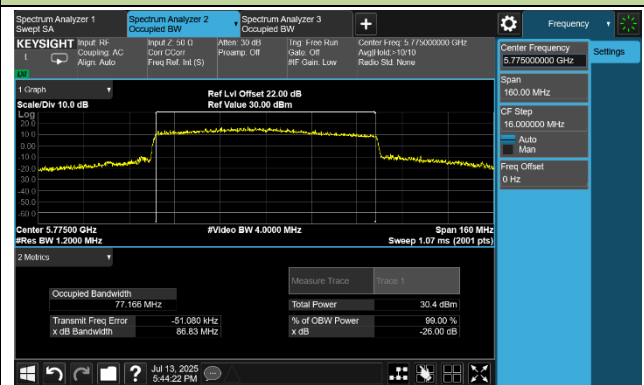
Channel 122 (5610 MHz)

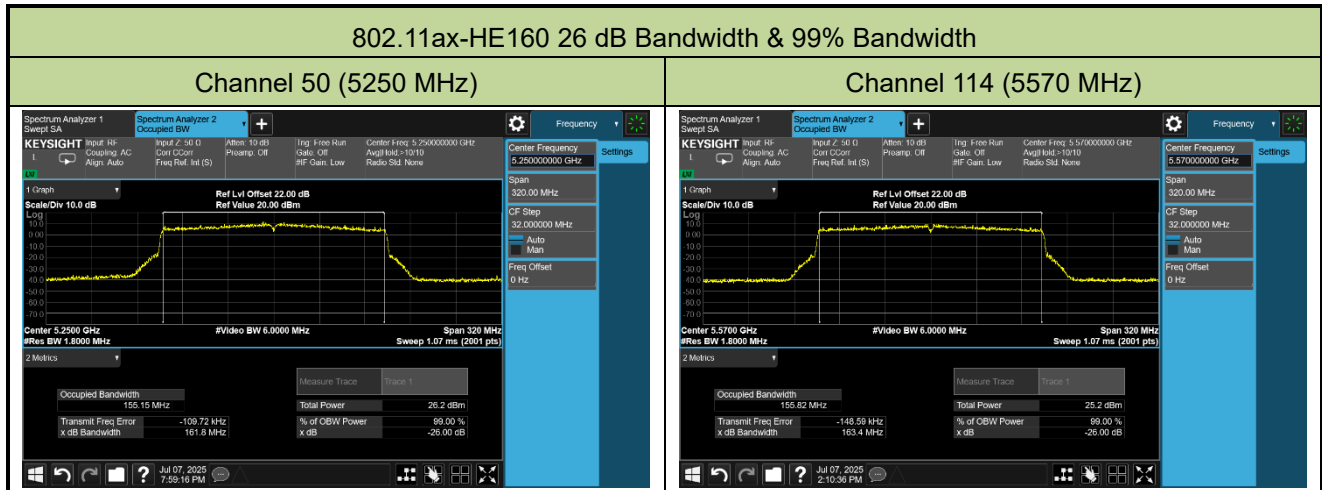


Channel 138 (5690 MHz)



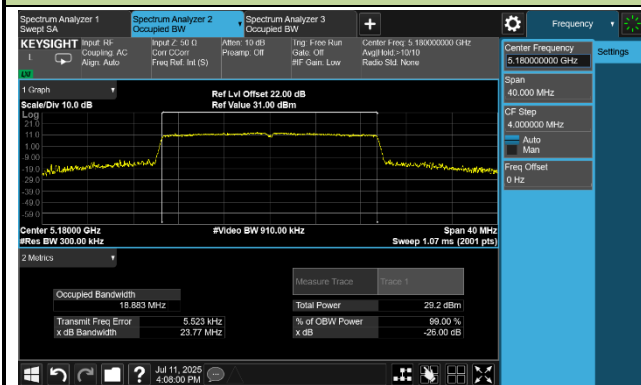
Channel 155 (5775 MHz)



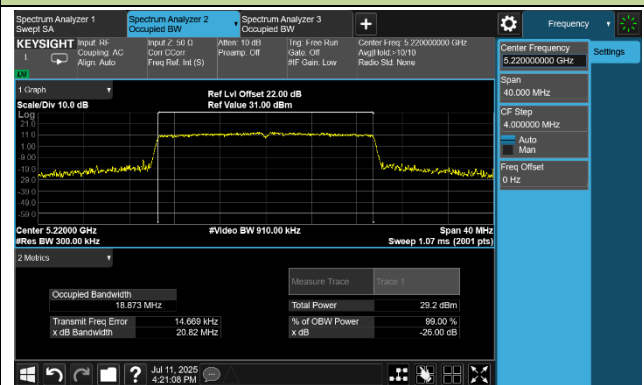


802.11be-EHT20 26 dB Bandwidth & 99% Bandwidth

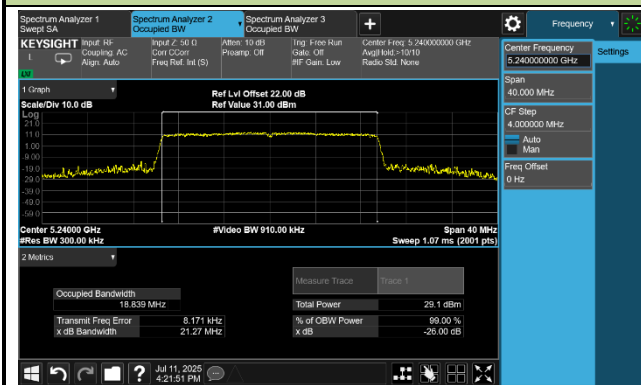
Channel 36 (5180 MHz)



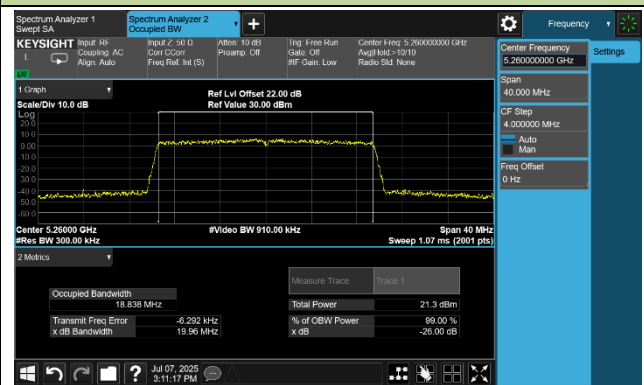
Channel 44 (5220 MHz)



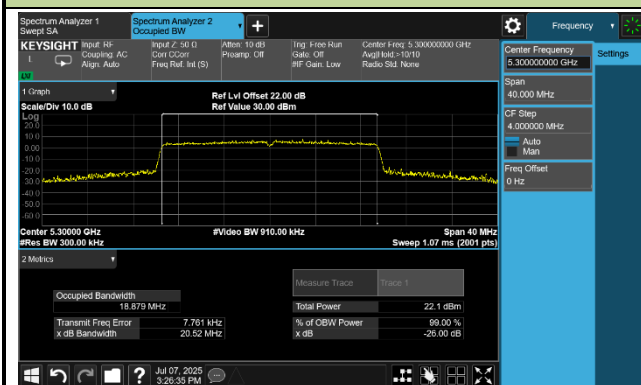
Channel 48 (5240 MHz)



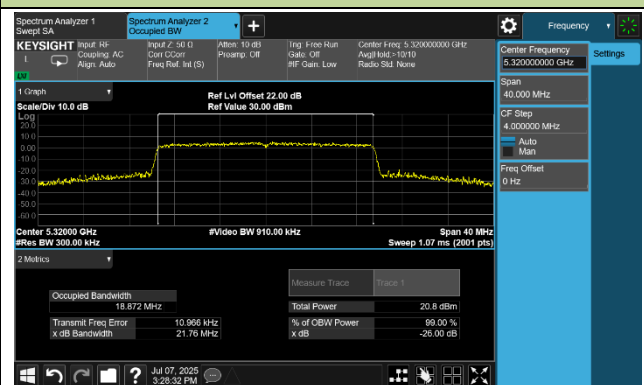
Channel 52 (5260 MHz)



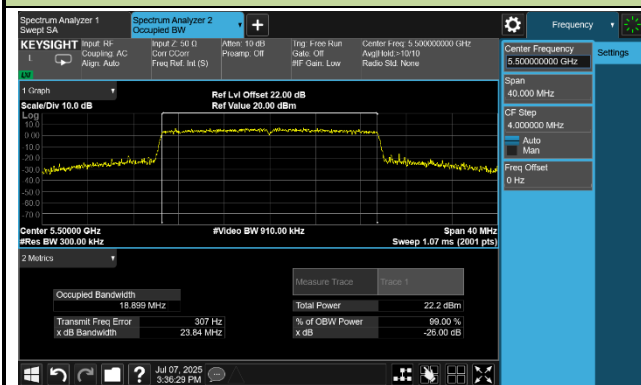
Channel 60 (5300 MHz)



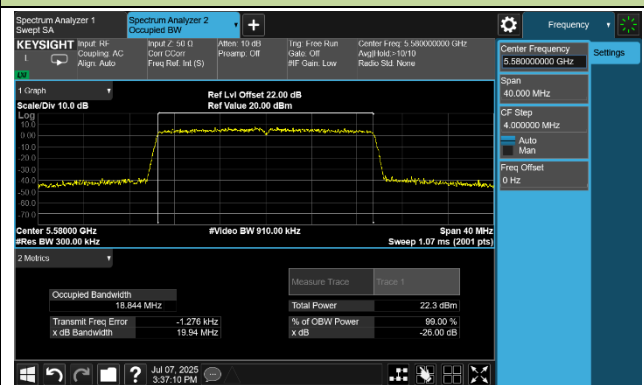
Channel 64 (5320 MHz)



Channel 100 (5500 MHz)

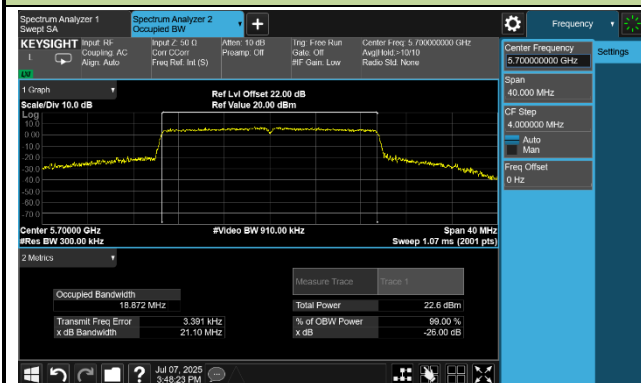


Channel 116 (5580 MHz)

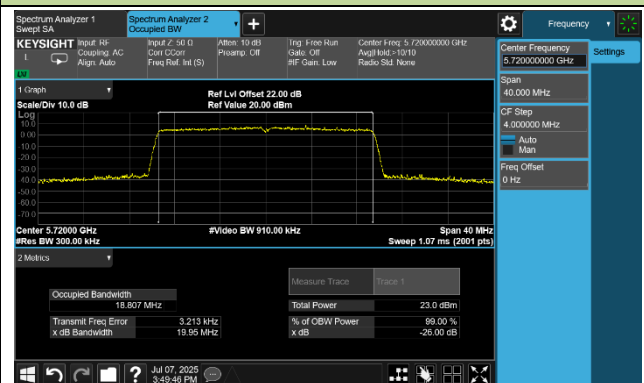


802.11be-EHT20 26 dB Bandwidth & 99% Bandwidth

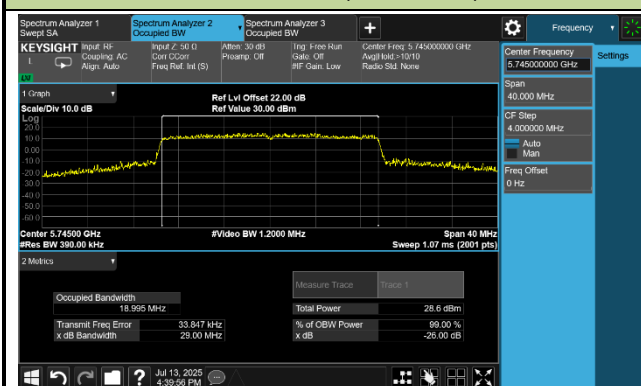
Channel 140 (5700 MHz)



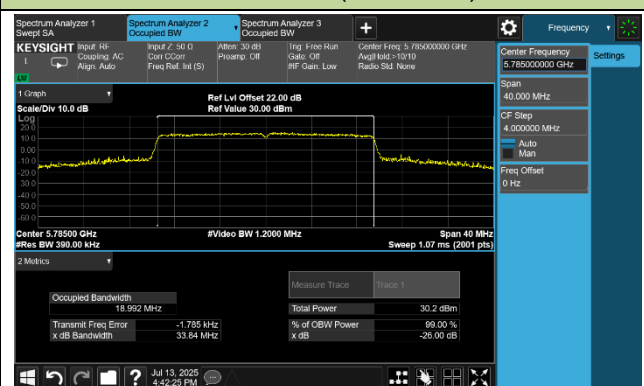
Channel 144(5720 MHz)



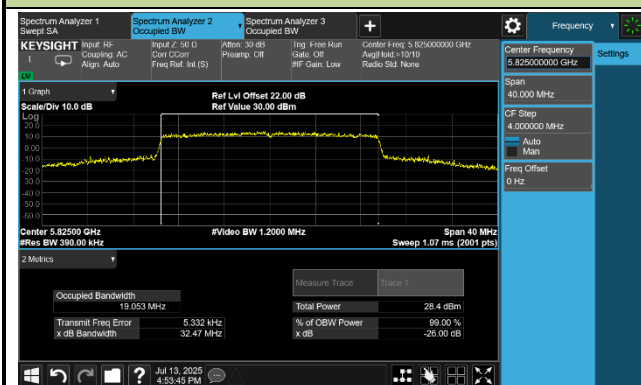
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

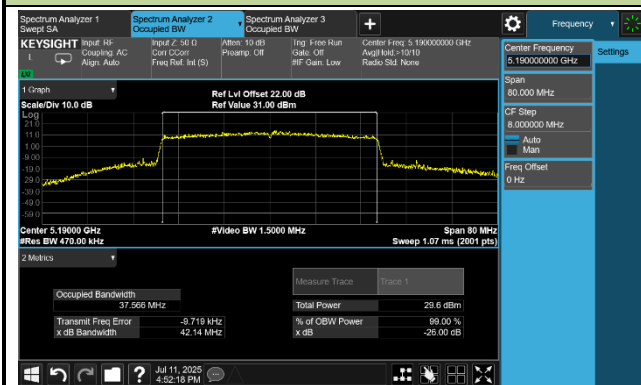


Channel 165 (5825 MHz)

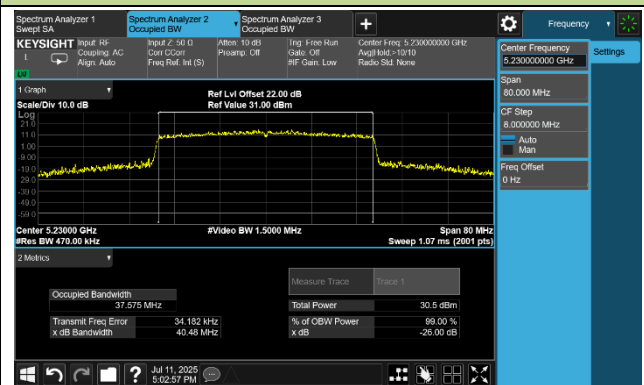


802.11be-EHT40 26 dB Bandwidth & 99% Bandwidth

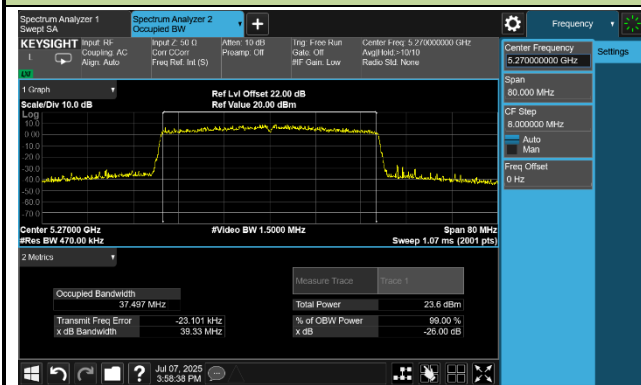
Channel 38 (5190 MHz)



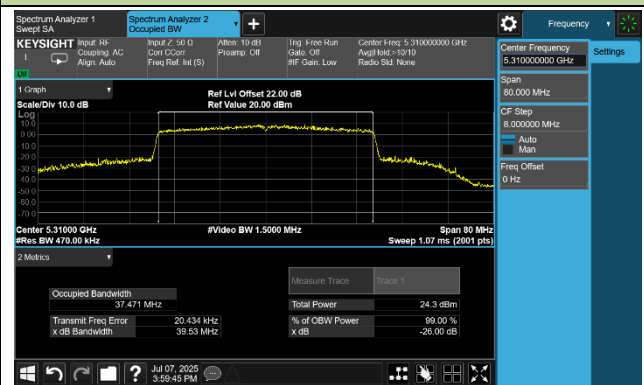
Channel 46 (5230 MHz)



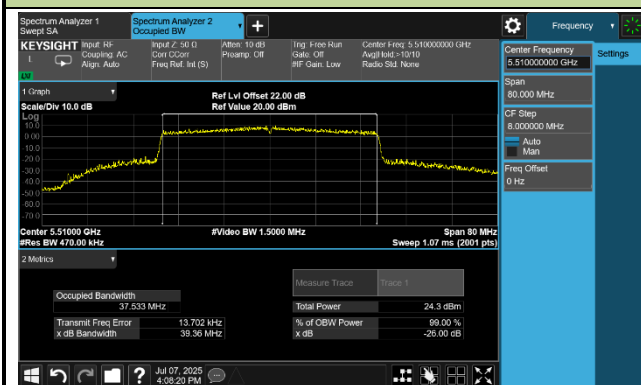
Channel 54 (5270 MHz)



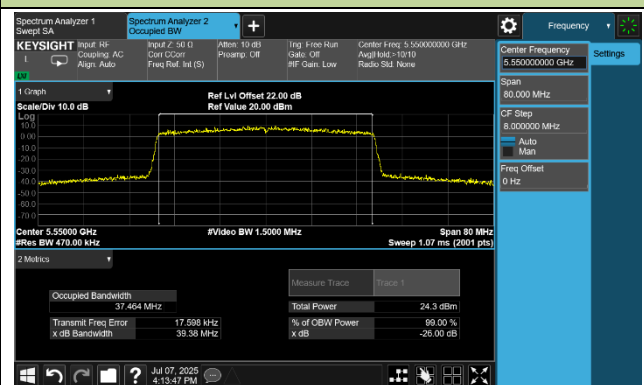
Channel 62 (5310 MHz)



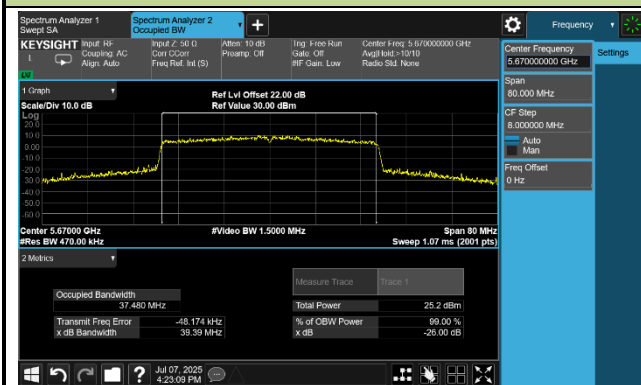
Channel 102 (5510 MHz)



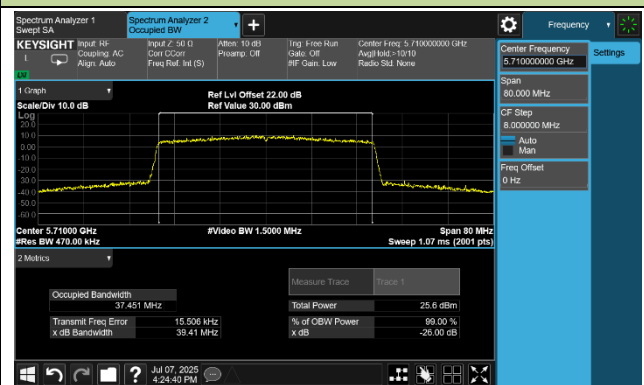
Channel 110 (5550 MHz)

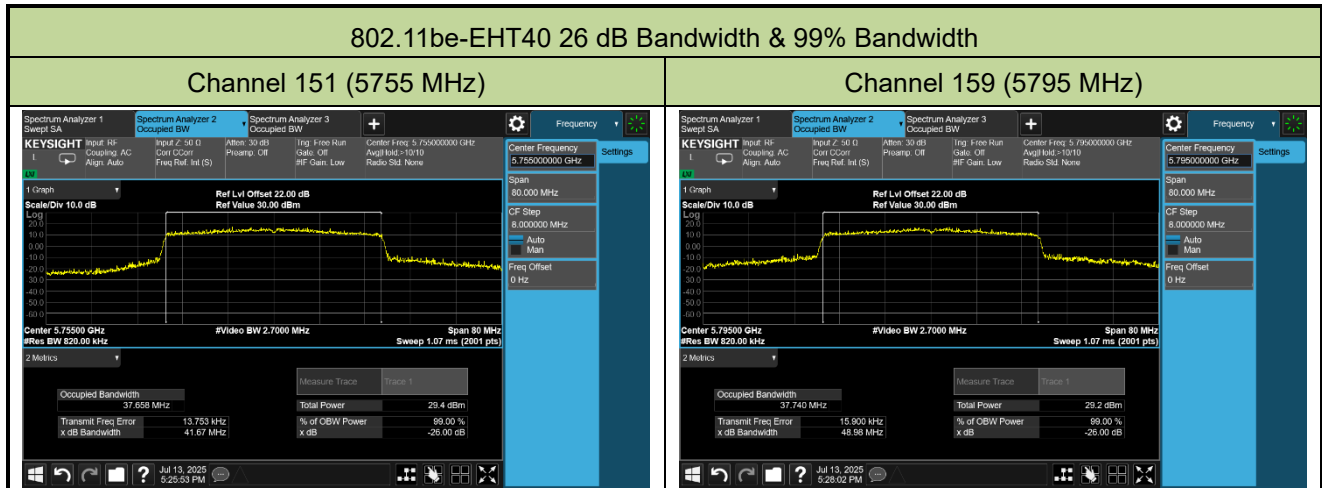


Channel 134 (5670 MHz)



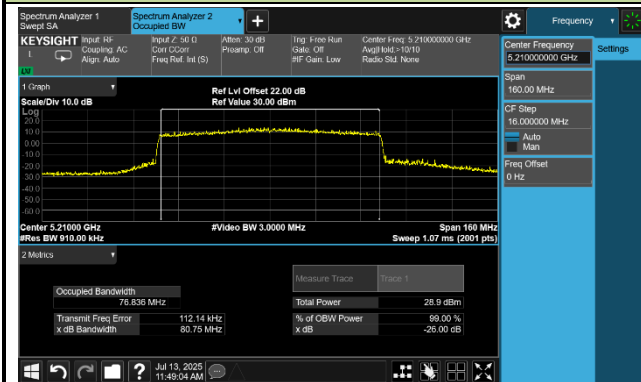
Channel 142(5710 MHz)



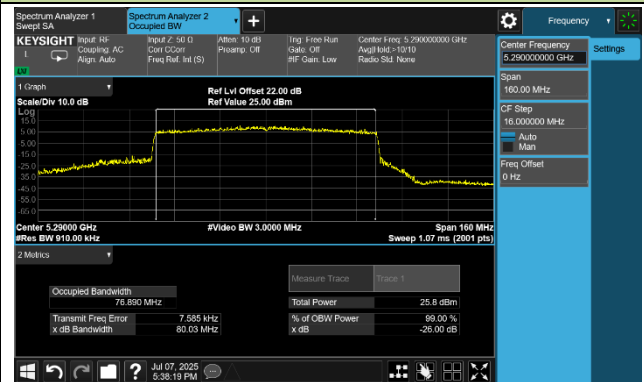


802.11be-EHT80 26 dB Bandwidth & 99% Bandwidth

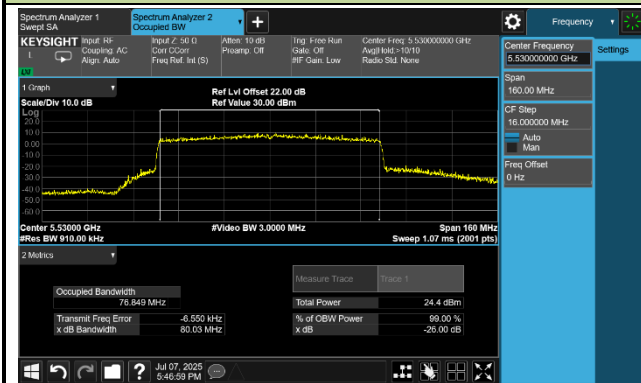
Channel 42 (5210 MHz)



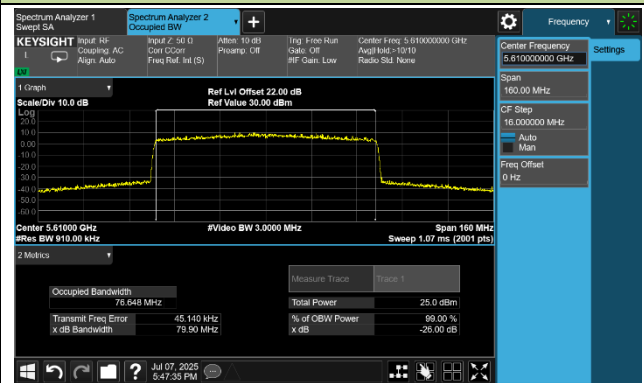
Channel 58 (5290 MHz)



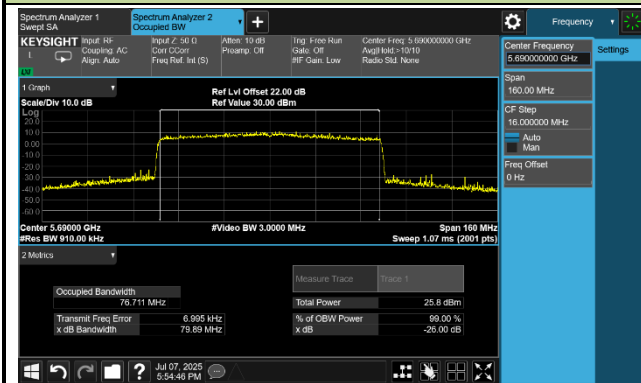
Channel 106 (5530 MHz)



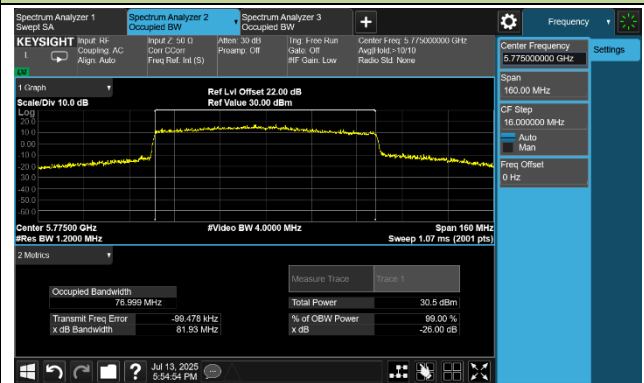
Channel 122 (5610 MHz)

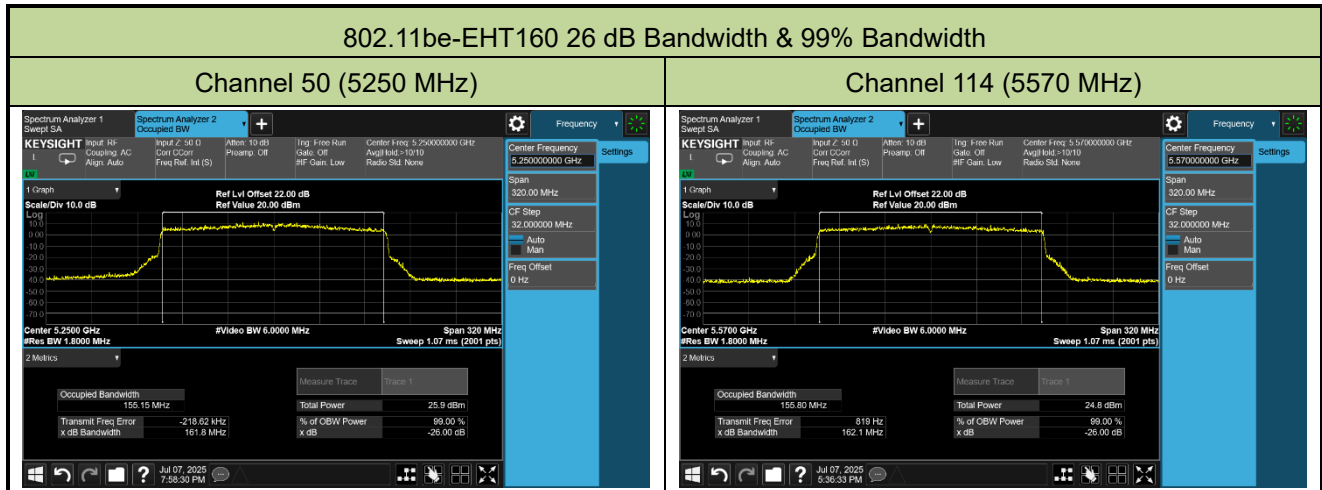


Channel 138 (5690 MHz)



Channel 155 (5775 MHz)

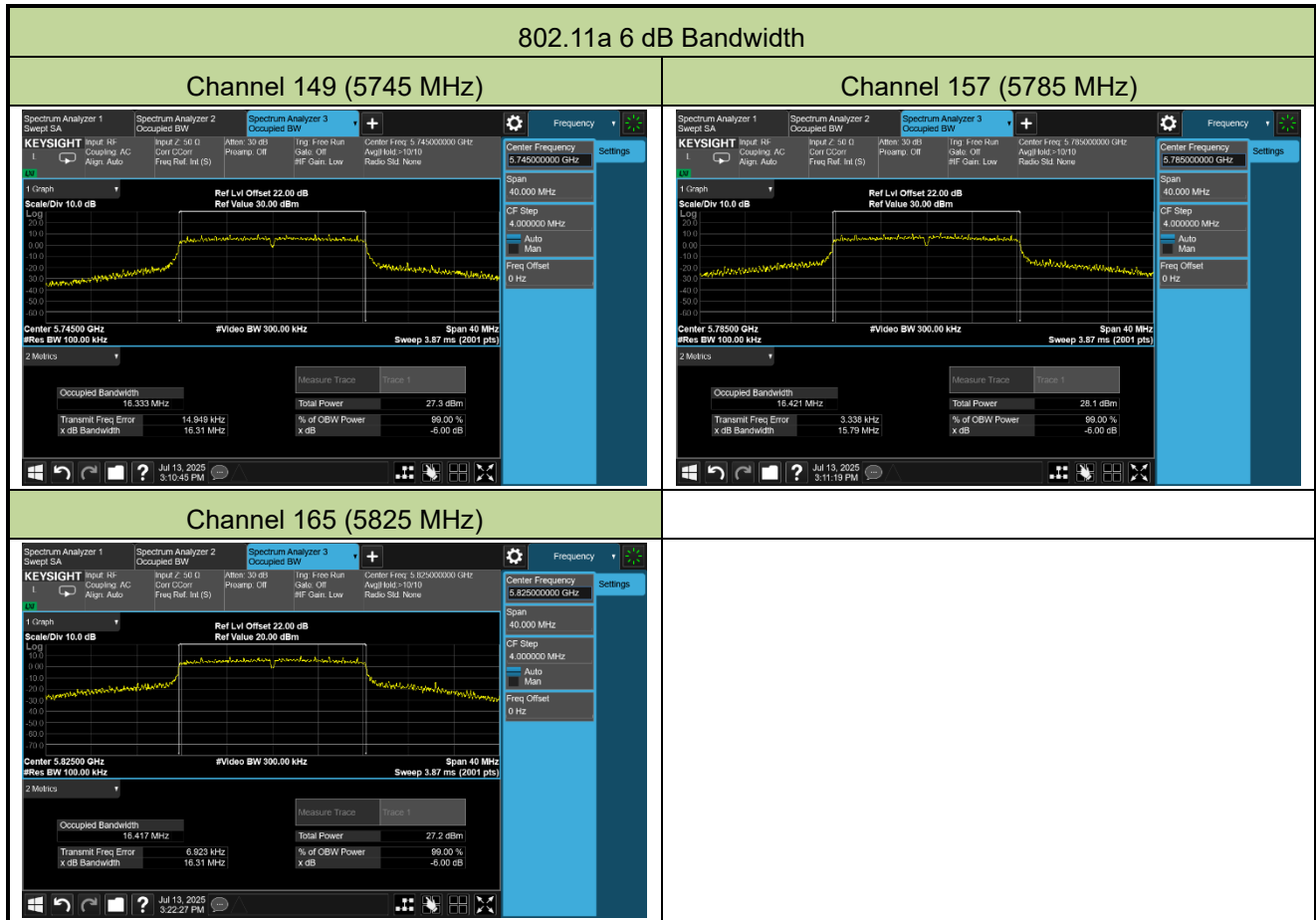




A.3 6 dB Bandwidth Test Result

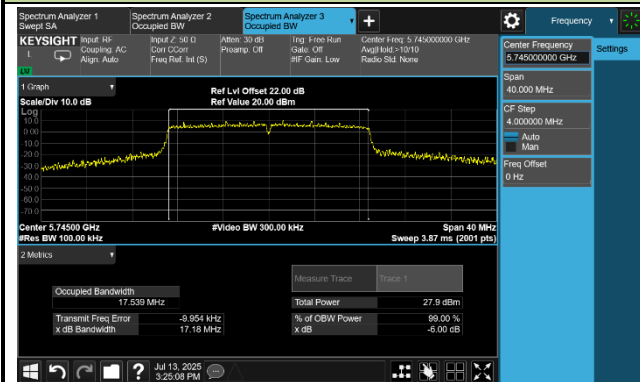
Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-13		

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.31	≥0.5
11a	6Mbps	157	5785	15.79	≥0.5
11a	6Mbps	165	5825	16.31	≥0.5
11ac-VHT20	MCS0	149	5745	17.18	≥0.5
11ac-VHT20	MCS0	157	5785	17.18	≥0.5
11ac-VHT20	MCS0	165	5825	17.57	≥0.5
11ac-VHT40	MCS0	151	5755	33.83	≥0.5
11ac-VHT40	MCS0	159	5795	33.90	≥0.5
11ac-VHT80	MCS0	155	5775	72.44	≥0.5
11ax-HE20	MCS0	149	5745	18.31	≥0.5
11ax-HE20	MCS0	157	5785	18.45	≥0.5
11ax-HE20	MCS0	165	5825	18.66	≥0.5
11ax-HE40	MCS0	151	5755	33.14	≥0.5
11ax-HE40	MCS0	159	5795	35.13	≥0.5
11ax-HE80	MCS0	155	5775	67.65	≥0.5
11be-EHT20	MCS0	149	5745	18.75	≥0.5
11be-EHT20	MCS0	157	5785	18.39	≥0.5
11be-EHT20	MCS0	165	5825	17.77	≥0.5
11be-EHT40	MCS0	151	5755	36.43	≥0.5
11be-EHT40	MCS0	159	5795	35.38	≥0.5
11be-EHT80	MCS0	155	5775	72.92	≥0.5

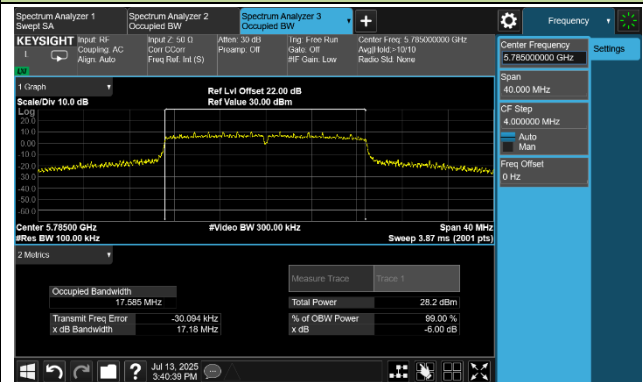


802.11ac-VHT20 6 dB Bandwidth

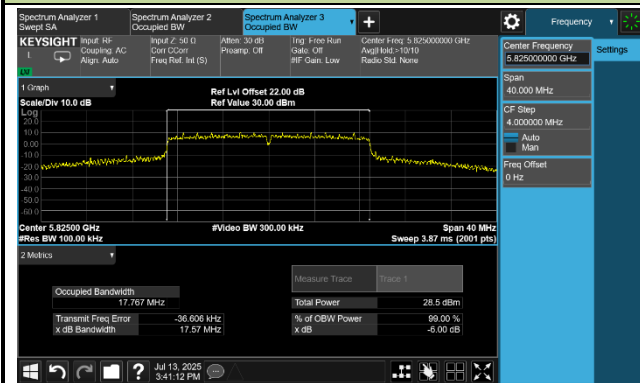
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

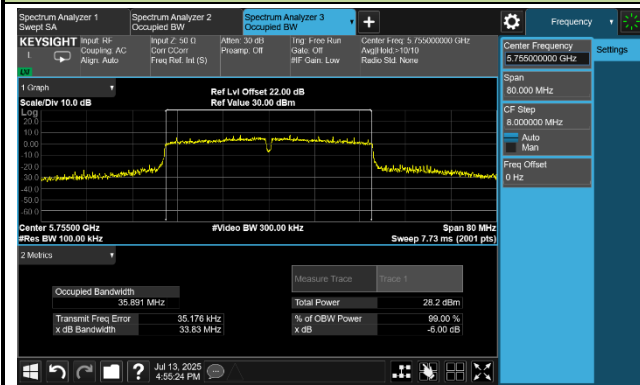


Channel 165 (5825 MHz)

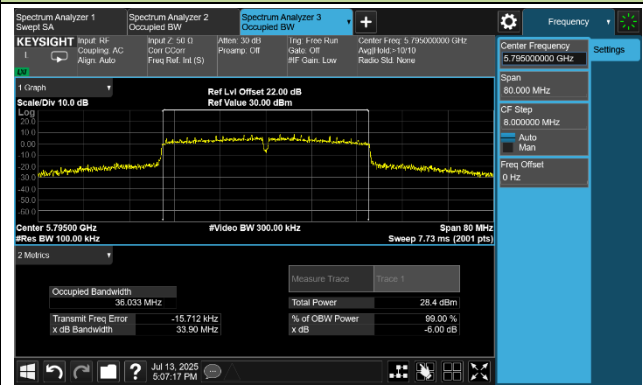


802.11ac-VHT40 6 dB Bandwidth

Channel 151 (5755 MHz)

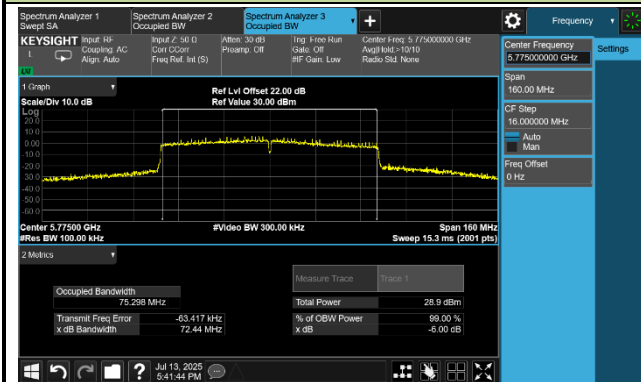


Channel 159 (5795 MHz)



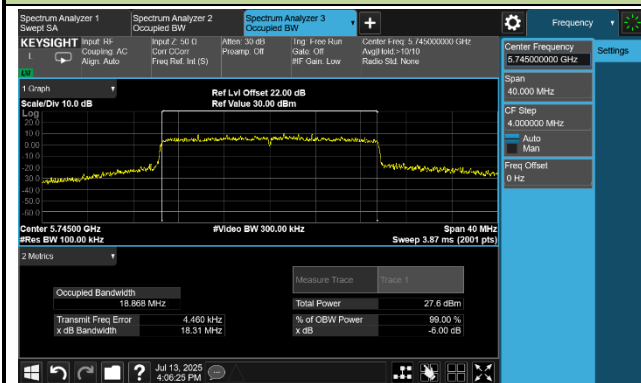
802.11ac-VHT80 6 dB Bandwidth

Channel 155 (5775 MHz)

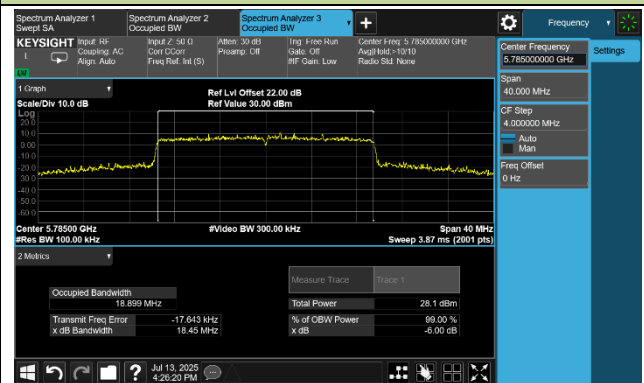


802.11ax-HE20 6 dB Bandwidth

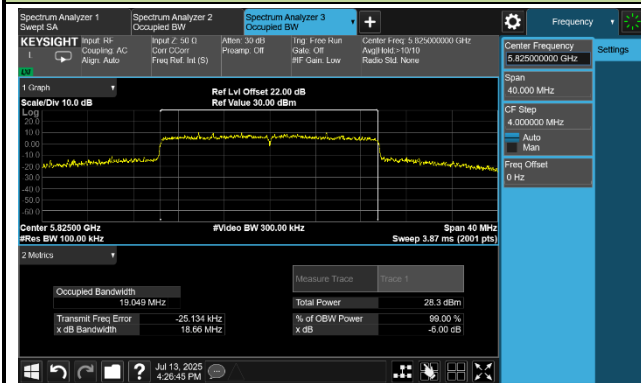
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

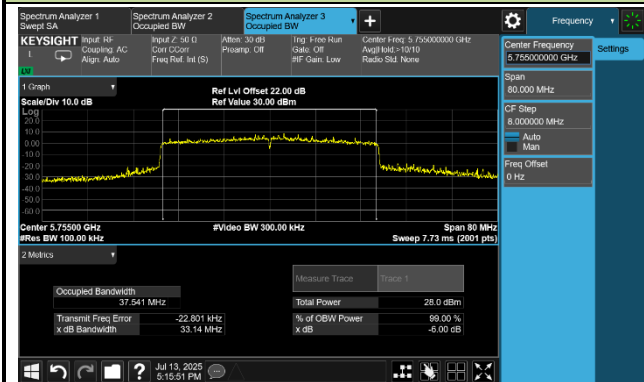


Channel 165 (5825 MHz)

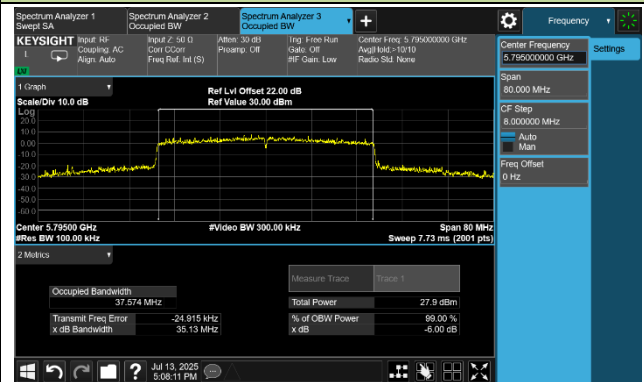


802.11ac-VHT40 6 dB Bandwidth

Channel 151 (5755 MHz)

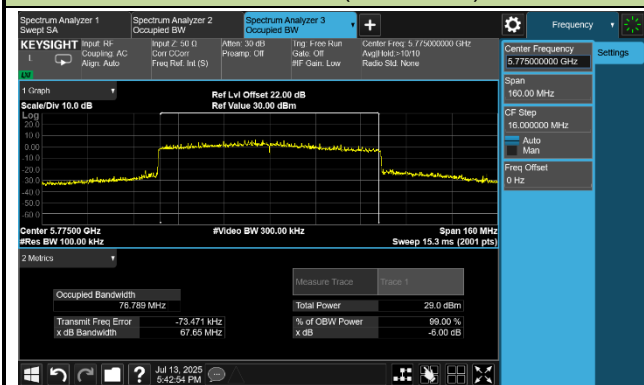


Channel 159 (5795 MHz)



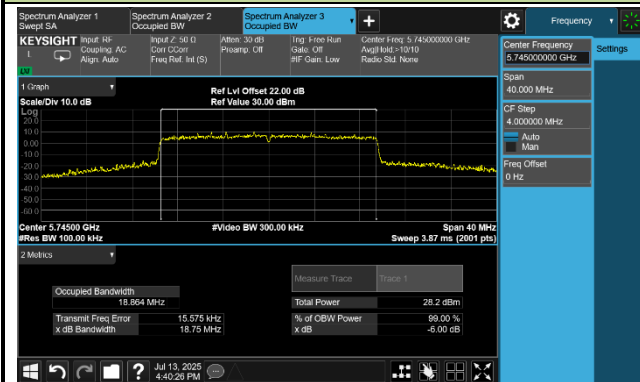
802.11ax-HE80 6 dB Bandwidth

Channel 155 (5775 MHz)

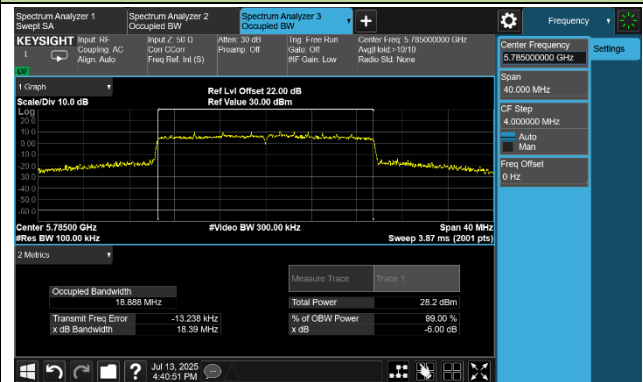


802.11be-EHT20 6 dB Bandwidth

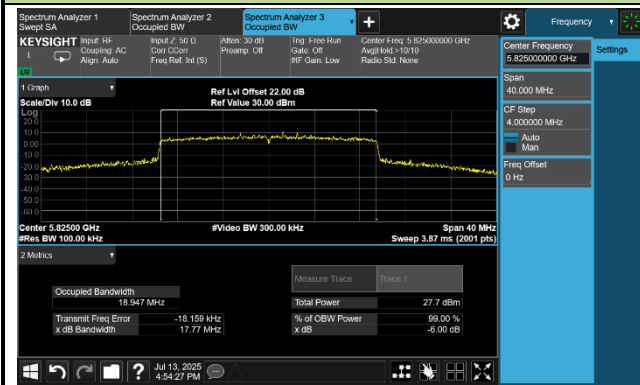
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

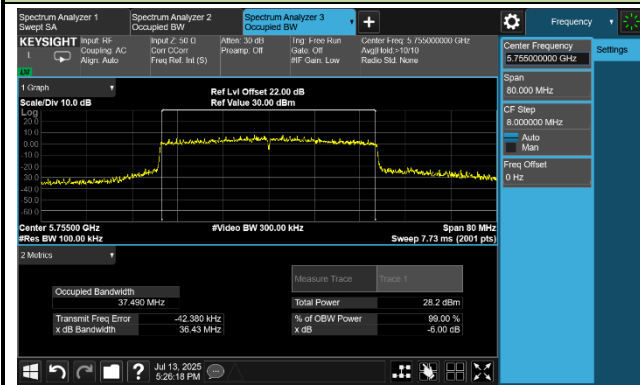


Channel 165 (5825 MHz)

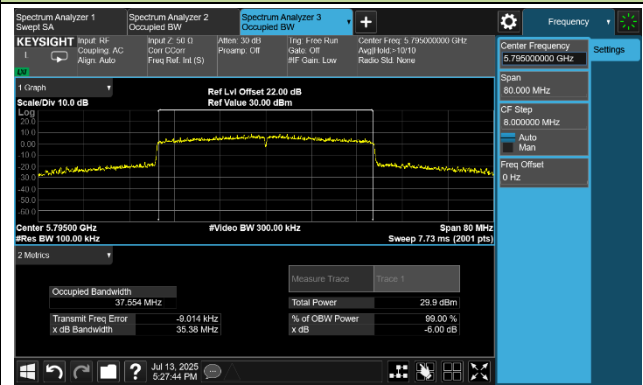


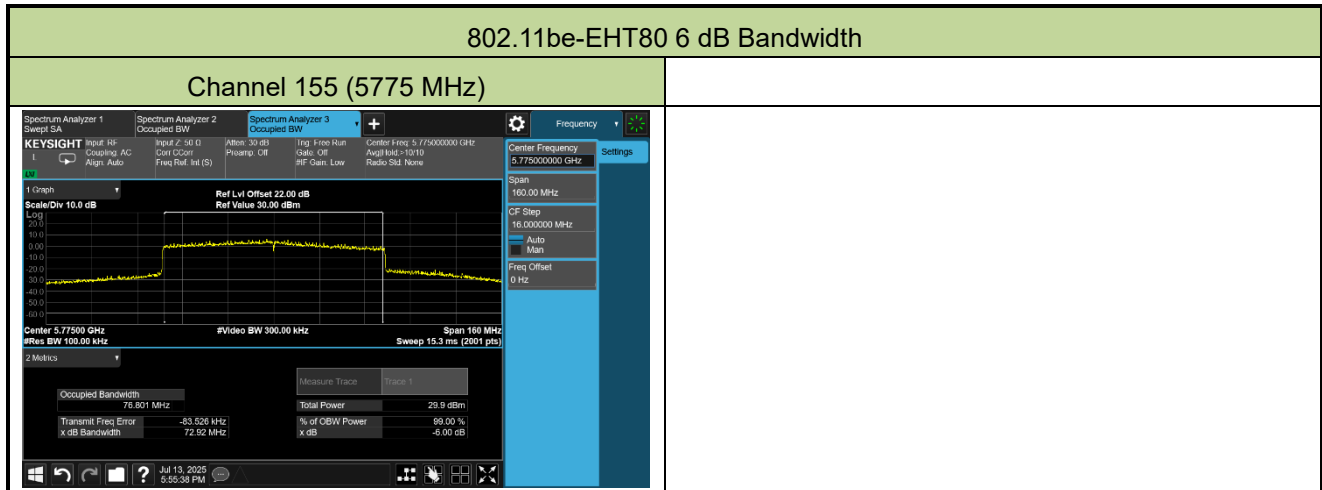
802.11be-EHT40 6 dB Bandwidth

Channel 151 (5755 MHz)



Channel 159 (5795 MHz)





A.4 Output Power Test Result

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-05~2025-07-13		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11a	6Mbps	36	5180	20.88	20.48	21.08	20.35	26.73	≤ 30.00
11a	6Mbps	44	5220	20.86	20.81	21.11	20.19	26.78	≤ 30.00
11a	6Mbps	48	5240	20.95	20.92	21.12	20.23	26.84	≤ 30.00
11a	6Mbps	52	5260	13.51	13.48	14.51	13.34	19.76	≤ 23.63
11a	6Mbps	60	5300	13.65	13.83	14.16	12.94	19.69	≤ 23.98
11a	6Mbps	64	5320	14.34	14.13	14.55	13.59	20.19	≤ 23.98
11a	6Mbps	100	5500	14.52	15.05	15.17	14.35	20.81	≤ 23.98
11a	6Mbps	116	5580	14.36	15.21	15.23	14.18	20.79	≤ 23.66
11a	6Mbps	140	5700	15.09	15.38	14.82	14.65	21.01	≤ 23.98
11a	6Mbps	144	5720	15.12	15.11	14.90	14.25	20.88	≤ 22.55
11a	6Mbps	149	5745	22.00	22.48	22.52	21.68	28.20	≤ 30.00
11a	6Mbps	157	5785	22.70	22.80	22.65	22.48	28.68	≤ 30.00
11a	6Mbps	165	5825	22.67	22.38	22.42	22.71	28.57	≤ 30.00
11ac-VHT20	MCS0	36	5180	21.42	20.86	21.53	20.95	27.22	≤ 30.00
11ac-VHT20	MCS0	44	5220	20.95	20.77	21.02	20.25	26.78	≤ 30.00
11ac-VHT20	MCS0	48	5240	20.73	20.91	20.95	20.18	26.72	≤ 30.00
11ac-VHT20	MCS0	52	5260	14.28	14.06	14.63	13.88	20.24	≤ 23.81
11ac-VHT20	MCS0	60	5300	14.17	13.84	14.12	13.31	19.89	≤ 23.98
11ac-VHT20	MCS0	64	5320	14.16	13.94	14.13	13.35	19.93	≤ 23.98
11ac-VHT20	MCS0	100	5500	14.38	14.78	14.59	14.13	20.50	≤ 23.98
11ac-VHT20	MCS0	116	5580	14.50	15.16	15.25	14.04	20.79	≤ 23.80
11ac-VHT20	MCS0	140	5700	15.18	15.14	15.04	14.78	21.06	≤ 23.98
11ac-VHT20	MCS0	144	5720	15.35	15.36	15.25	14.67	21.19	≤ 22.62
11ac-VHT20	MCS0	149	5745	22.31	22.83	22.64	22.31	28.55	≤ 30.00
11ac-VHT20	MCS0	157	5785	22.51	22.77	22.44	22.28	28.52	≤ 30.00
11ac-VHT20	MCS0	165	5825	22.63	22.06	22.31	22.58	28.42	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ac-VHT40	MCS0	38	5190	21.32	20.94	21.45	20.75	27.14	≤ 30.00
11ac-VHT40	MCS0	46	5230	22.88	22.54	22.68	22.23	28.61	≤ 30.00
11ac-VHT40	MCS0	54	5270	16.34	16.39	17.02	16.07	22.49	≤ 23.98
11ac-VHT40	MCS0	62	5310	16.24	16.62	16.88	15.95	22.46	≤ 23.98
11ac-VHT40	MCS0	102	5510	16.79	17.37	16.89	16.45	22.91	≤ 23.98
11ac-VHT40	MCS0	110	5550	17.20	17.41	17.85	16.32	23.25	≤ 23.98
11ac-VHT40	MCS0	134	5670	17.65	17.55	16.93	17.19	23.36	≤ 23.98
11ac-VHT40	MCS0	142	5710	17.08	17.46	16.63	16.70	23.00	≤ 23.98
11ac-VHT40	MCS0	151	5755	22.27	22.58	22.52	22.15	28.40	≤ 30.00
11ac-VHT40	MCS0	159	5795	22.65	22.86	22.91	22.51	28.76	≤ 30.00
11ac-VHT80	MCS0	42	5210	20.85	20.49	20.96	20.08	26.63	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.38	17.26	17.67	16.95	23.34	≤ 23.98
11ac-VHT80	MCS0	106	5530	16.85	17.45	17.10	16.15	22.93	≤ 23.98
11ac-VHT80	MCS0	122	5610	16.87	17.45	17.29	16.42	23.05	≤ 23.98
11ac-VHT80	MCS0	138	5690	17.76	17.74	17.12	17.23	23.49	≤ 23.98
11ac-VHT80	MCS0	155	5775	22.38	22.63	22.85	22.32	28.57	≤ 30.00
11ac-VHT160	MCS0	50	5250	16.49	16.28	16.34	15.29	22.15	≤ 23.98
11ac-VHT160	MCS0	114	5570	17.47	17.77	17.43	16.26	23.29	≤ 23.98
11ax-HE20	MCS0	36	5180	21.72	21.29	21.98	21.35	27.61	≤ 30.00
11ax-HE20	MCS0	44	5220	21.54	21.45	21.73	20.82	27.42	≤ 30.00
11ax-HE20	MCS0	48	5240	21.49	21.56	21.72	20.73	27.41	≤ 30.00
11ax-HE20	MCS0	52	5260	14.16	14.15	14.83	14.13	20.35	≤ 23.98
11ax-HE20	MCS0	60	5300	14.19	14.36	14.35	13.68	20.17	≤ 23.98
11ax-HE20	MCS0	64	5320	14.22	14.21	14.25	13.61	20.10	≤ 23.98
11ax-HE20	MCS0	100	5500	15.40	15.61	15.01	14.87	21.25	≤ 23.98
11ax-HE20	MCS0	116	5580	14.62	15.27	15.22	14.59	20.96	≤ 23.98
11ax-HE20	MCS0	140	5700	15.01	15.34	14.33	14.49	20.83	≤ 23.98
11ax-HE20	MCS0	144	5720	15.08	15.56	14.84	14.73	21.09	≤ 22.77
11ax-HE20	MCS0	149	5745	21.97	22.56	22.57	21.64	28.22	≤ 30.00
11ax-HE20	MCS0	157	5785	22.28	22.64	22.24	21.88	28.29	≤ 30.00
11ax-HE20	MCS0	165	5825	22.45	22.15	22.13	22.39	28.30	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11ax-HE40	MCS0	38	5190	21.44	21.16	21.55	20.91	27.29	≤ 30.00
11ax-HE40	MCS0	46	5230	22.61	22.43	22.66	21.86	28.42	≤ 30.00
11ax-HE40	MCS0	54	5270	16.00	16.17	16.46	15.96	22.17	≤ 23.98
11ax-HE40	MCS0	62	5310	16.04	16.24	16.42	15.73	22.14	≤ 23.98
11ax-HE40	MCS0	102	5510	17.10	17.69	17.22	16.69	23.21	≤ 23.98
11ax-HE40	MCS0	110	5550	17.01	17.68	17.22	16.36	23.11	≤ 23.98
11ax-HE40	MCS0	134	5670	17.35	17.15	16.69	17.03	23.08	≤ 23.98
11ax-HE40	MCS0	142	5710	17.32	17.68	16.69	17.09	23.23	≤ 23.98
11ax-HE40	MCS0	151	5755	22.45	22.79	22.66	22.15	28.54	≤ 30.00
11ax-HE40	MCS0	159	5795	22.35	22.38	22.78	22.27	28.47	≤ 30.00
11ax-HE80	MCS0	42	5210	21.25	21.03	21.48	20.65	27.13	≤ 30.00
11ax-HE80	MCS0	58	5290	17.76	17.51	17.82	17.08	23.57	≤ 23.98
11ax-HE80	MCS0	106	5530	17.33	17.83	17.42	16.67	23.35	≤ 23.98
11ax-HE80	MCS0	122	5610	17.01	17.72	17.62	16.73	23.31	≤ 23.98
11ax-HE80	MCS0	138	5690	17.46	17.44	16.98	17.18	23.29	≤ 23.98
11ax-HE80	MCS0	155	5775	22.12	22.76	22.57	22.25	28.45	≤ 30.00
11ax-HE160	MCS0	50	5250	17.65	18.36	18.01	17.46	23.90	≤ 23.98
11ax-HE160	MCS0	114	5570	17.75	17.82	17.39	16.66	23.45	≤ 23.98
11be-EHT20	MCS0	36	5180	21.08	20.80	21.46	20.68	27.04	≤ 30.00
11be-EHT20	MCS0	44	5220	21.78	21.62	21.92	21.08	27.63	≤ 30.00
11be-EHT20	MCS0	48	5240	21.56	21.55	21.78	21.02	27.51	≤ 30.00
11be-EHT20	MCS0	52	5260	14.22	14.34	14.62	14.34	20.40	≤ 23.98
11be-EHT20	MCS0	60	5300	14.25	14.24	14.57	13.54	20.19	≤ 23.98
11be-EHT20	MCS0	64	5320	14.17	14.49	14.50	13.52	20.21	≤ 23.98
11be-EHT20	MCS0	100	5500	15.20	15.66	15.41	14.92	21.33	≤ 23.98
11be-EHT20	MCS0	116	5580	14.28	15.65	15.08	14.65	20.97	≤ 23.98
11be-EHT20	MCS0	140	5700	14.86	15.35	14.19	14.53	20.77	≤ 23.98
11be-EHT20	MCS0	144	5720	14.95	15.62	14.36	14.82	20.98	≤ 22.75
11be-EHT20	MCS0	149	5745	22.05	22.53	22.59	22.01	28.32	≤ 30.00
11be-EHT20	MCS0	157	5785	22.08	22.64	22.38	22.03	28.31	≤ 30.00
11be-EHT20	MCS0	165	5825	22.57	22.31	22.40	22.68	28.51	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11be-EHT40	MCS0	38	5190	21.48	21.03	21.74	20.95	27.33	≤ 30.00
11be-EHT40	MCS0	46	5230	22.62	22.33	22.05	21.58	28.18	≤ 30.00
11be-EHT40	MCS0	54	5270	16.23	15.96	16.47	15.80	22.14	≤ 23.98
11be-EHT40	MCS0	62	5310	16.14	16.10	16.36	15.51	22.06	≤ 23.98
11be-EHT40	MCS0	102	5510	17.18	17.43	16.86	16.40	23.00	≤ 23.98
11be-EHT40	MCS0	110	5550	17.04	17.52	17.05	16.16	22.99	≤ 23.98
11be-EHT40	MCS0	134	5670	17.28	17.14	16.24	16.77	22.90	≤ 23.98
11be-EHT40	MCS0	142	5710	17.23	17.55	16.55	16.87	23.09	≤ 23.98
11be-EHT40	MCS0	151	5755	21.91	22.61	22.34	21.73	28.18	≤ 30.00
11be-EHT40	MCS0	159	5795	22.34	22.39	22.65	22.37	28.46	≤ 30.00
11be-EHT80	MCS0	42	5210	21.43	21.22	21.65	20.87	27.32	≤ 30.00
11be-EHT80	MCS0	58	5290	17.02	17.56	17.81	17.23	23.44	≤ 23.98
11be-EHT80	MCS0	106	5530	17.07	17.62	17.25	16.66	23.18	≤ 23.98
11be-EHT80	MCS0	122	5610	16.65	17.76	17.12	16.65	23.09	≤ 23.98
11be-EHT80	MCS0	138	5690	17.68	17.88	17.30	17.68	23.66	≤ 23.98
11be-EHT80	MCS0	155	5775	22.03	22.46	22.52	22.07	28.30	≤ 30.00
11be-EHT160	MCS0	50	5250	17.82	18.50	18.03	17.38	23.97	≤ 23.98
11be-EHT160	MCS0	114	5570	17.56	17.92	16.73	16.66	23.27	≤ 23.98

Note 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$.

Note 2: For Band-Crossing channel, Average Power Limit = 23.98dBm or $11 + 10 \cdot \log_{10} \text{EBW}_{2C}$ which is less.

A.5 Power Spectral Density Test Result

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-05~2025-07-13		
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/ MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	36	5180	8.750	8.310	9.102	8.443	97.41	14.797	≤ 15.25
11a	6Mbps	44	5220	8.460	8.764	9.001	8.376	97.41	14.792	≤ 15.25
11a	6Mbps	48	5240	8.589	9.119	9.187	8.320	97.41	14.953	≤ 15.25
11a	6Mbps	52	5260	2.105	2.025	3.067	1.711	97.41	8.392	≤ 8.94
11a	6Mbps	60	5300	2.310	2.344	2.520	1.461	97.41	8.312	≤ 8.94
11a	6Mbps	64	5320	2.843	2.714	3.035	2.059	97.41	8.812	≤ 8.94
11a	6Mbps	100	5500	3.059	3.537	3.204	2.208	97.41	9.163	≤ 9.64
11a	6Mbps	116	5580	3.082	3.884	3.757	3.013	97.41	9.586	≤ 9.64
11a	6Mbps	140	5700	3.698	3.777	3.254	2.812	97.41	9.537	≤ 9.64
11a	6Mbps	144	5720	3.423	3.750	3.028	2.574	97.41	9.350	≤ 9.64
11ac-VHT20	MCS0	36	5180	9.141	8.720	9.185	8.479	96.85	15.051	≤ 15.25
11ac-VHT20	MCS0	44	5220	8.603	8.511	8.987	8.069	96.85	14.714	≤ 15.25
11ac-VHT20	MCS0	48	5240	8.747	8.750	8.910	7.791	96.85	14.731	≤ 15.25
11ac-VHT20	MCS0	52	5260	2.728	2.570	3.322	2.233	96.85	8.891	≤ 8.94
11ac-VHT20	MCS0	60	5300	2.238	2.778	2.605	1.867	96.85	8.546	≤ 8.94
11ac-VHT20	MCS0	64	5320	2.539	2.716	3.187	1.837	96.85	8.756	≤ 8.94
11ac-VHT20	MCS0	100	5500	2.482	3.248	3.120	2.274	96.85	8.960	≤ 9.64
11ac-VHT20	MCS0	116	5580	3.224	3.630	3.752	2.506	96.85	9.464	≤ 9.64
11ac-VHT20	MCS0	140	5700	3.158	3.819	2.606	2.164	96.85	9.141	≤ 9.64
11ac-VHT20	MCS0	144	5720	3.227	3.383	2.933	2.404	96.85	9.162	≤ 9.64
11ac-VHT40	MCS0	38	5190	7.031	6.542	6.987	6.373	97.19	12.887	≤ 15.25
11ac-VHT40	MCS0	46	5230	8.609	8.172	8.558	7.813	97.19	14.444	≤ 15.25
11ac-VHT40	MCS0	54	5270	2.544	2.765	2.957	2.240	97.19	8.779	≤ 8.94
11ac-VHT40	MCS0	62	5310	2.770	2.608	3.199	1.796	97.19	8.767	≤ 8.94
11ac-VHT40	MCS0	102	5510	2.930	3.466	2.922	2.238	97.19	9.055	≤ 9.64
11ac-VHT40	MCS0	110	5550	3.257	3.679	3.297	1.994	97.19	9.245	≤ 9.64
11ac-VHT40	MCS0	134	5670	3.708	3.607	2.920	3.238	97.19	9.524	≤ 9.64
11ac-VHT40	MCS0	142	5710	3.199	3.281	2.694	2.409	97.19	9.055	≤ 9.64

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/ MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11ac-VHT80	MCS0	42	5210	3.565	3.403	3.815	3.032	97.38	9.599	≤ 15.25
11ac-VHT80	MCS0	58	5290	0.903	0.874	1.049	-0.111	97.38	6.838	≤ 8.94
11ac-VHT80	MCS0	106	5530	0.234	0.681	0.047	-1.281	97.38	6.115	≤ 9.64
11ac-VHT80	MCS0	122	5610	0.128	0.761	0.415	-0.261	97.38	6.413	≤ 9.64
11ac-VHT80	MCS0	138	5690	0.983	0.582	0.378	0.292	97.38	6.703	≤ 9.64
11ac-VHT160	MCS0	50	5250	-3.707	-3.230	-3.176	-5.050	97.52	2.401	≤ 8.94
11ac-VHT160	MCS0	114	5570	-2.681	-2.449	-2.367	-3.863	97.52	3.329	≤ 9.64
11ax-HE20	MCS0	36	5180	9.209	8.564	9.495	8.471	96.95	15.111	≤ 15.25
11ax-HE20	MCS0	44	5220	8.915	8.987	9.244	8.505	96.95	15.076	≤ 15.25
11ax-HE20	MCS0	48	5240	9.200	9.310	9.303	8.168	96.95	15.176	≤ 15.25
11ax-HE20	MCS0	52	5260	2.545	2.363	2.701	2.008	96.95	8.567	≤ 8.94
11ax-HE20	MCS0	60	5300	2.158	2.448	2.381	1.636	96.95	8.322	≤ 8.94
11ax-HE20	MCS0	64	5320	2.567	2.468	2.627	1.291	96.95	8.427	≤ 8.94
11ax-HE20	MCS0	100	5500	3.366	3.645	3.239	2.874	96.95	9.445	≤ 9.64
11ax-HE20	MCS0	116	5580	3.216	3.562	3.787	3.003	96.95	9.558	≤ 9.64
11ax-HE20	MCS0	140	5700	3.116	3.458	2.622	2.786	96.95	9.163	≤ 9.64
11ax-HE20	MCS0	144	5720	3.267	3.332	2.956	2.600	96.95	9.203	≤ 9.64
11ax-HE40	MCS0	38	5190	6.932	6.400	7.270	6.388	97.47	12.896	≤ 15.25
11ax-HE40	MCS0	46	5230	8.231	8.164	8.356	7.408	97.47	14.187	≤ 15.25
11ax-HE40	MCS0	54	5270	2.371	2.736	2.615	2.057	97.47	8.584	≤ 8.94
11ax-HE40	MCS0	62	5310	2.433	2.479	2.691	1.956	97.47	8.530	≤ 8.94
11ax-HE40	MCS0	102	5510	3.334	3.471	3.250	2.813	97.47	9.356	≤ 9.64
11ax-HE40	MCS0	110	5550	3.514	3.814	3.648	2.663	97.47	9.564	≤ 9.64
11ax-HE40	MCS0	134	5670	3.373	3.242	2.564	3.161	97.47	9.228	≤ 9.64
11ax-HE40	MCS0	142	5710	3.565	3.613	3.108	3.041	97.47	9.471	≤ 9.64
11ax-HE80	MCS0	42	5210	3.875	3.625	4.257	3.259	97.47	9.901	≤ 15.25
11ax-HE80	MCS0	58	5290	0.978	0.991	1.379	0.275	97.47	7.056	≤ 8.94
11ax-HE80	MCS0	106	5530	0.349	0.991	0.392	-0.264	97.47	6.522	≤ 9.64
11ax-HE80	MCS0	122	5610	0.365	1.092	0.646	-0.169	97.47	6.639	≤ 9.64
11ax-HE80	MCS0	138	5690	0.674	0.474	0.133	0.454	97.47	6.570	≤ 9.64
11ax-HE160	MCS0	50	5250	-1.289	-1.609	-1.712	-2.279	97.47	4.424	≤ 8.94
11ax-HE160	MCS0	114	5570	-2.685	-2.240	-2.463	-3.523	97.47	3.430	≤ 9.64

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/ MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11be-EHT20	MCS0	36	5180	8.703	8.077	8.829	7.928	97.48	14.533	≤ 15.25
11be-EHT20	MCS0	44	5220	8.943	8.779	9.117	8.393	97.48	14.948	≤ 15.25
11be-EHT20	MCS0	48	5240	8.859	9.118	9.206	8.436	97.48	15.046	≤ 15.25
11be-EHT20	MCS0	52	5260	2.577	2.454	2.914	2.270	97.48	8.692	≤ 8.94
11be-EHT20	MCS0	60	5300	2.610	2.720	2.843	1.810	97.48	8.645	≤ 8.94
11be-EHT20	MCS0	64	5320	2.478	2.494	2.717	1.515	97.48	8.456	≤ 8.94
11be-EHT20	MCS0	100	5500	3.646	3.896	3.584	2.768	97.48	9.625	≤ 9.64
11be-EHT20	MCS0	116	5580	2.653	3.668	3.555	2.976	97.48	9.364	≤ 9.64
11be-EHT20	MCS0	140	5700	3.050	3.452	2.775	2.716	97.48	9.140	≤ 9.64
11be-EHT20	MCS0	144	5720	3.256	3.310	2.811	2.740	97.48	9.168	≤ 9.64
11be-EHT40	MCS0	38	5190	6.898	6.473	7.166	6.471	97.47	12.894	≤ 15.25
11be-EHT40	MCS0	46	5230	8.193	8.095	8.317	7.294	97.47	14.125	≤ 15.25
11be-EHT40	MCS0	54	5270	2.424	2.327	2.992	2.095	97.47	8.604	≤ 8.94
11be-EHT40	MCS0	62	5310	2.365	2.252	2.339	1.754	97.47	8.316	≤ 8.94
11be-EHT40	MCS0	102	5510	3.088	3.606	2.929	2.456	97.47	9.171	≤ 9.64
11be-EHT40	MCS0	110	5550	3.120	3.811	3.151	2.631	97.47	9.331	≤ 9.64
11be-EHT40	MCS0	134	5670	3.249	3.184	2.418	2.939	97.47	9.091	≤ 9.64
11be-EHT40	MCS0	142	5710	3.170	3.526	2.475	2.934	97.47	9.175	≤ 9.64
11be-EHT80	MCS0	42	5210	4.324	4.178	4.655	3.719	97.48	10.363	≤ 15.25
11be-EHT80	MCS0	58	5290	0.877	0.963	1.078	0.213	97.48	6.927	≤ 8.94
11be-EHT80	MCS0	106	5530	0.372	0.842	0.207	-0.445	97.48	6.400	≤ 9.64
11be-EHT80	MCS0	122	5610	0.374	0.878	0.361	-0.027	97.48	6.540	≤ 9.64
11be-EHT80	MCS0	138	5690	1.409	0.916	0.443	0.846	97.48	7.049	≤ 9.64
11be-EHT160	MCS0	50	5250	-1.769	-1.662	-1.856	-2.156	97.48	4.275	≤ 8.94
11be-EHT160	MCS0	114	5570	-2.462	-2.310	-2.480	-3.357	97.48	3.498	≤ 9.64

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

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

Note 2:

For 5125 - 5250 MHz Band: PSD Limit (dBm/MHz) = 17 - (7.75 - 6) = 15.25 dBm/MHz

For 5250 - 5350 MHz Band: PSD Limit (dBm/MHz) = 11 - (8.06 - 6) = 8.94 dBm/MHz.

For 5470 - 5725 MHz Band: PSD Limit (dBm/MHz) = 11 - (7.36 - 6) = 9.64 dBm/MHz.

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-13		
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510kHz)				Duty Cycle (%)	Total PSD (dBm/ 510kHz)	PSD Limit (dBm/ 500kHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	149	5745	7.053	7.488	7.484	6.752	97.41	13.340	≤ 28.62
11a	6Mbps	157	5785	7.389	7.950	7.718	7.736	97.41	13.837	≤ 28.62
11a	6Mbps	165	5825	6.336	6.169	6.265	6.588	97.41	12.477	≤ 28.62
11ac-VHT20	MCS0	149	5745	7.373	7.585	7.666	7.237	96.85	13.628	≤ 28.62
11ac-VHT20	MCS0	157	5785	7.432	7.767	7.210	7.333	96.85	13.600	≤ 28.62
11ac-VHT20	MCS0	165	5825	7.456	7.238	7.410	7.443	96.85	13.547	≤ 28.62
11ac-VHT40	MCS0	151	5755	5.338	5.507	5.681	4.979	97.19	11.528	≤ 28.62
11ac-VHT40	MCS0	159	5795	4.815	5.463	5.358	5.382	97.19	11.406	≤ 28.62
11ac-VHT80	MCS0	155	5775	2.435	2.891	2.793	2.531	97.38	8.802	≤ 28.62
11ax-HE20	MCS0	149	5745	6.883	7.358	7.743	6.963	96.95	13.406	≤ 28.62
11ax-HE20	MCS0	157	5785	7.022	7.444	7.299	6.720	96.95	13.285	≤ 28.62
11ax-HE20	MCS0	165	5825	7.002	6.891	7.193	7.376	96.95	13.275	≤ 28.62
11ax-HE40	MCS0	151	5755	5.352	5.792	5.665	5.149	97.47	11.629	≤ 28.62
11ax-HE40	MCS0	159	5795	5.158	5.254	5.337	4.935	97.47	11.305	≤ 28.62
11ax-HE80	MCS0	155	5775	2.258	2.574	2.675	2.429	97.47	8.619	≤ 28.62
11be-EHT20	MCS0	149	5745	7.035	7.178	7.104	6.749	97.48	13.151	≤ 28.62
11be-EHT20	MCS0	157	5785	6.847	7.273	7.000	6.680	97.48	13.087	≤ 28.62
11be-EHT20	MCS0	165	5825	6.441	6.305	6.109	7.576	97.48	12.778	≤ 28.62
11be-EHT40	MCS0	151	5755	4.429	5.146	4.793	4.157	97.47	10.779	≤ 28.62
11be-EHT40	MCS0	159	5795	4.520	4.602	4.978	4.870	97.47	10.878	≤ 28.62
11be-EHT80	MCS0	155	5775	2.201	2.681	2.567	2.283	97.48	8.569	≤ 28.62

Note 1:

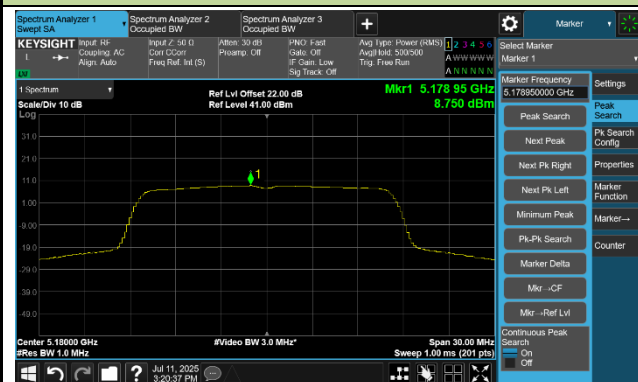
When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}\}$ (dBm/510kHz) + $10 \cdot \log (1/\text{Duty cycle})$.

When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}\}$ (dBm/510kHz).

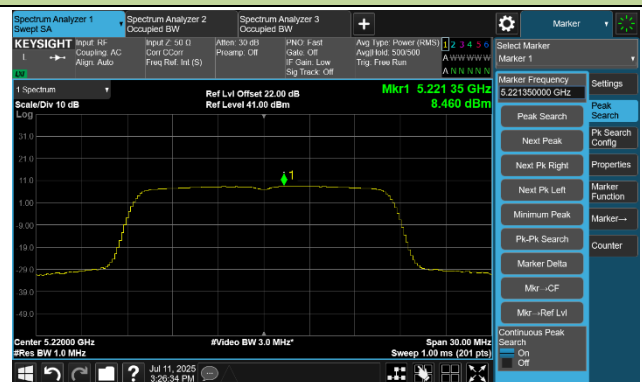
Note 2: PSD Limit (dBm/500kHz) = 30 - (7.38 - 6) = 28.62 dBm/500kHz.

802.11a Power Spectral Density- Ant 0

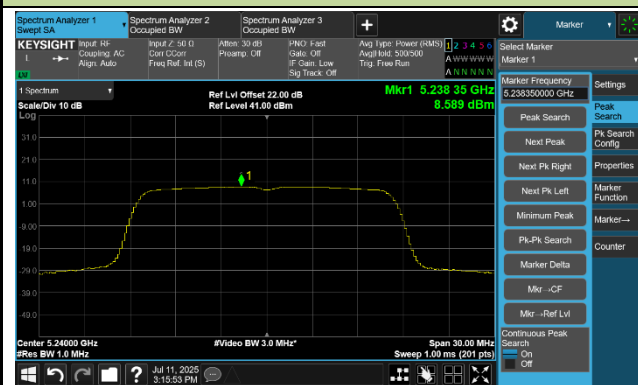
Channel 36 (5180 MHz)



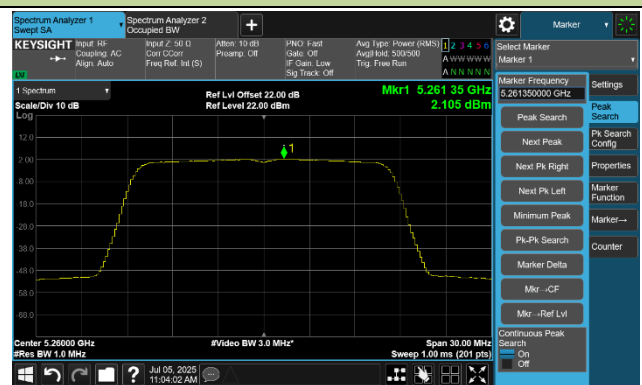
Channel 44 (5220 MHz)



Channel 48 (5240 MHz)



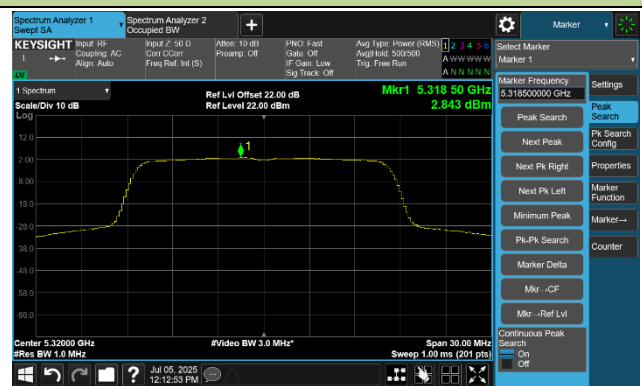
Channel 52 (5260 MHz)



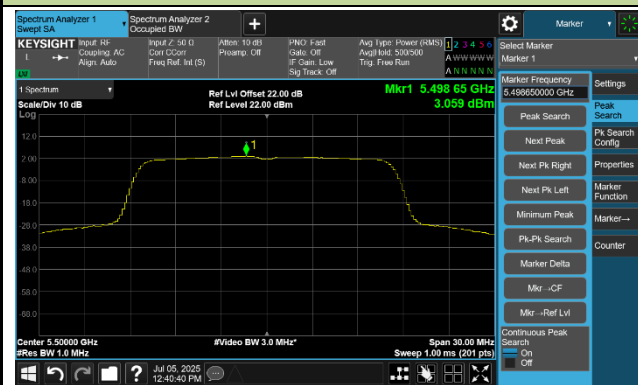
Channel 60 (5300 MHz)



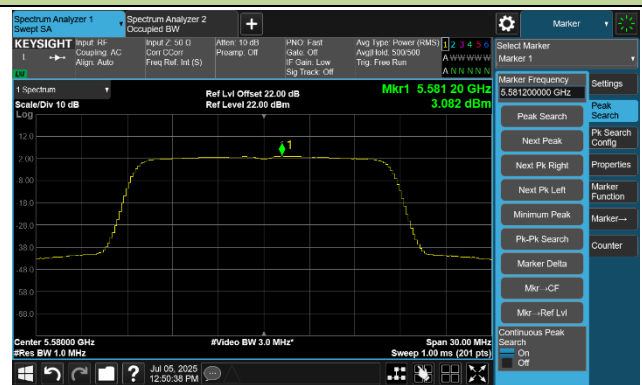
Channel 64 (5320 MHz)



Channel 100 (5500 MHz)



Channel 116 (5580 MHz)

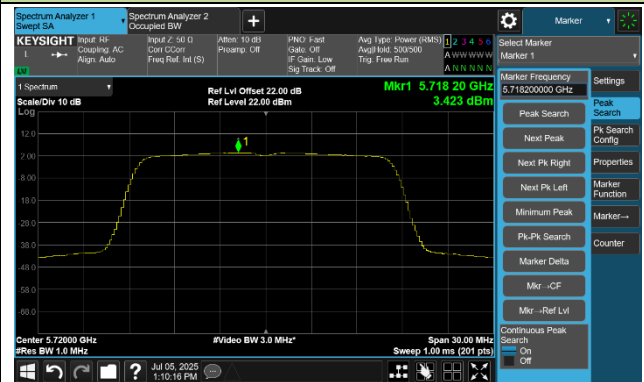


802.11a Power Spectral Density- Ant 0

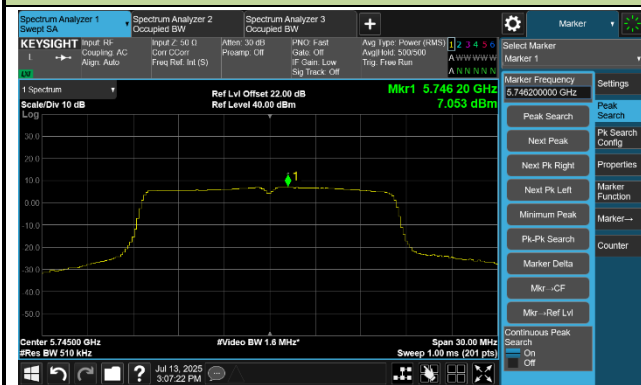
Channel 140 (5700 MHz)



Channel 144(5720 MHz)



Channel 149 (5745 MHz)



Channel 157 (5785 MHz)



Channel 165 (5825 MHz)

