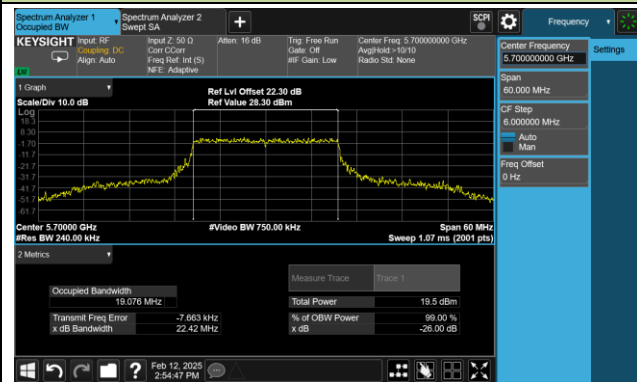
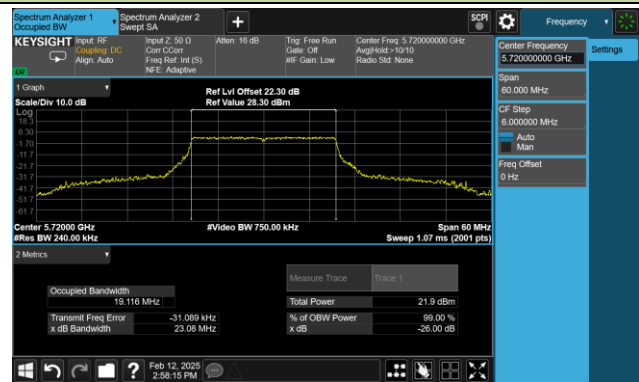


802.11ax-HE20 26dB Bandwidth & 99% Bandwidth

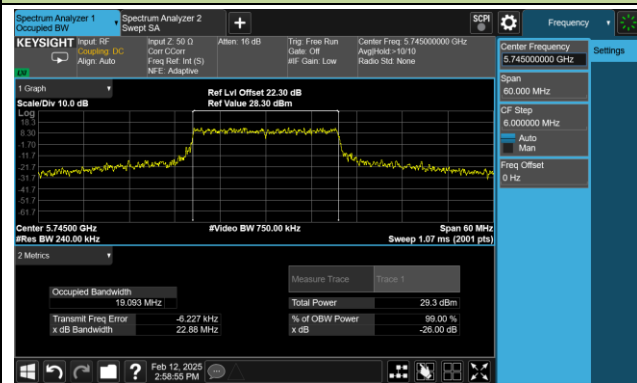
Channel 140 (5700MHz)



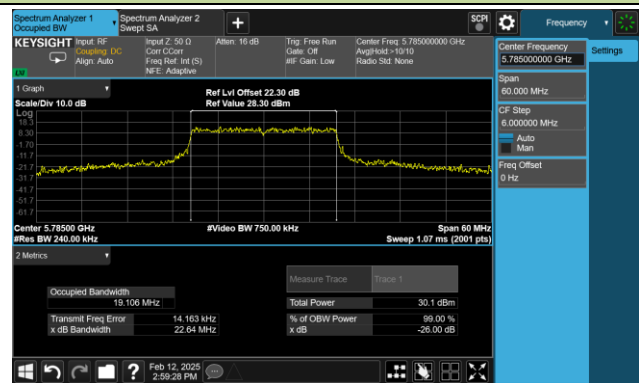
Channel 144(5720MHz)



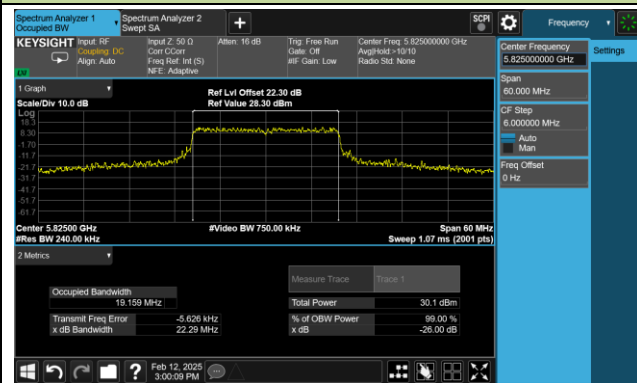
Channel 149 (5745MHz)



Channel 157 (5785MHz)

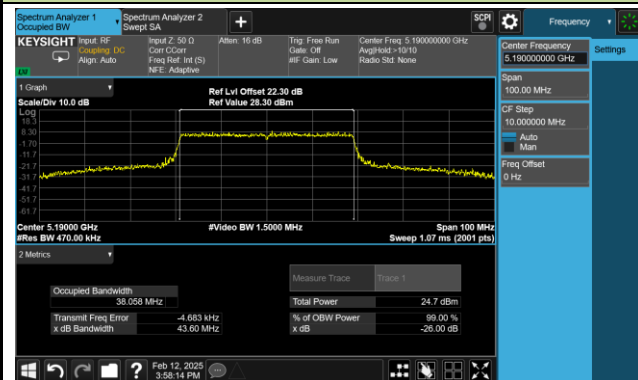


Channel 165 (5825MHz)

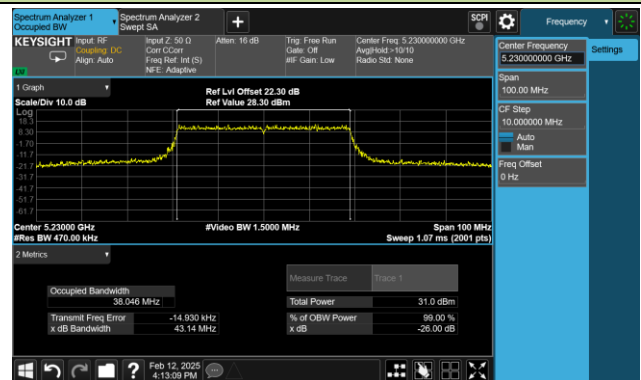


802.11ax-HE40 26dB Bandwidth & 99% Bandwidth

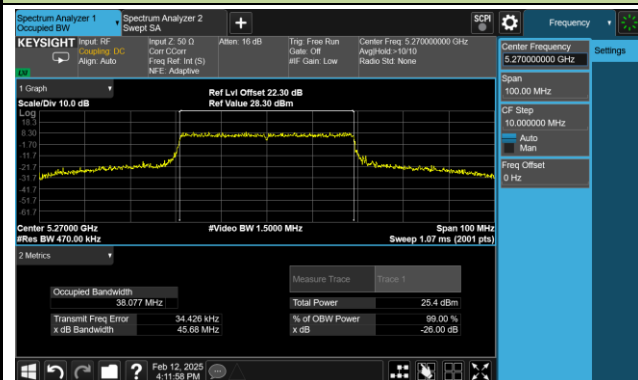
Channel 38 (5190MHz)



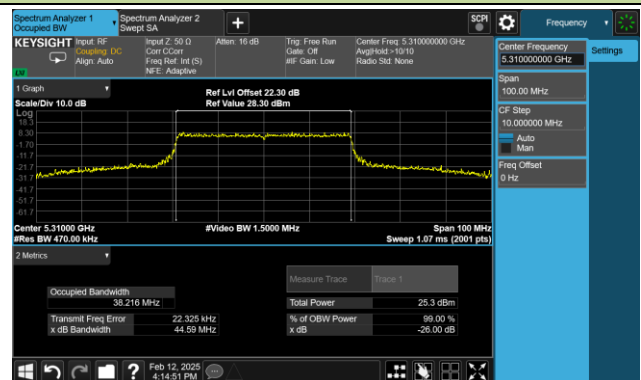
Channel 46 (5230MHz)



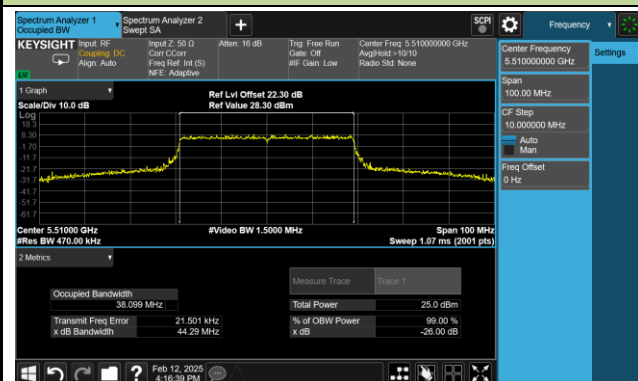
Channel 54 (5270MHz)



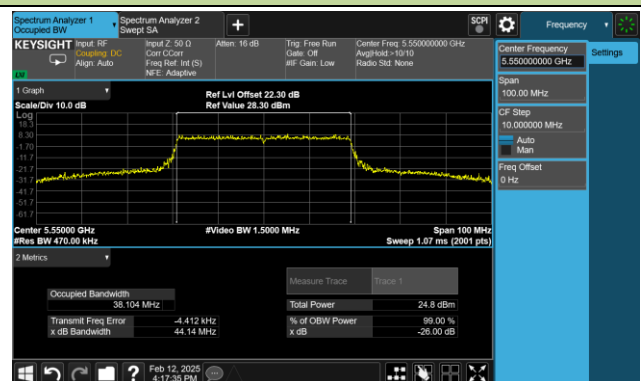
Channel 62 (5310MHz)



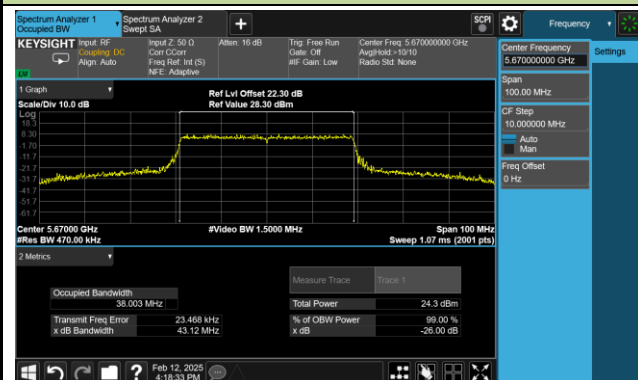
Channel 102 (5510MHz)



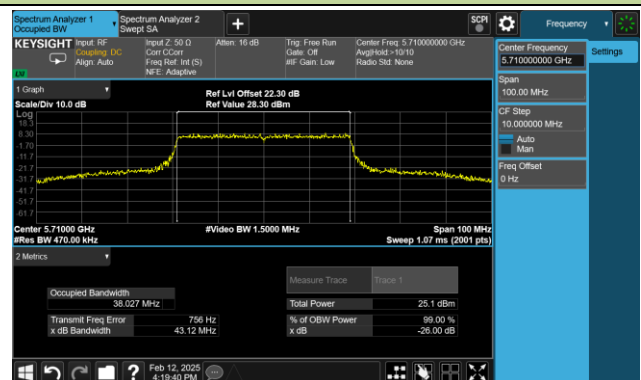
Channel 110 (5550MHz)

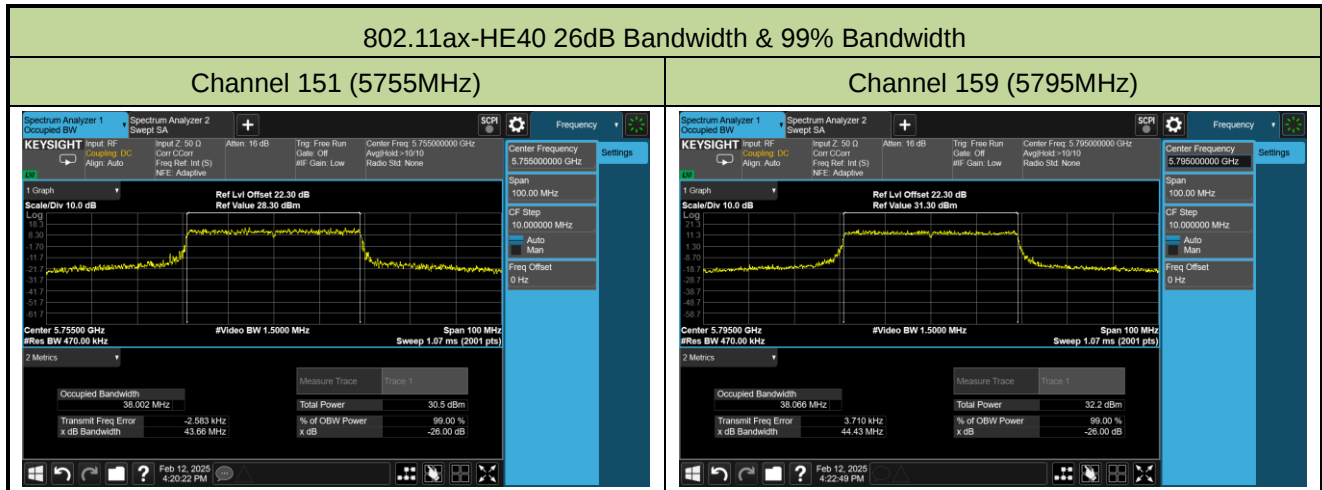


Channel 134 (5670MHz)



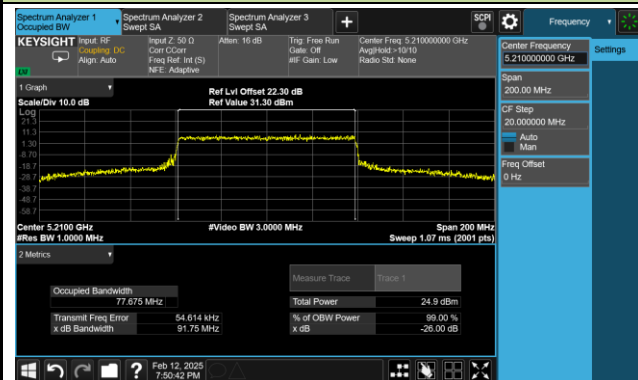
Channel 142(5710MHz)



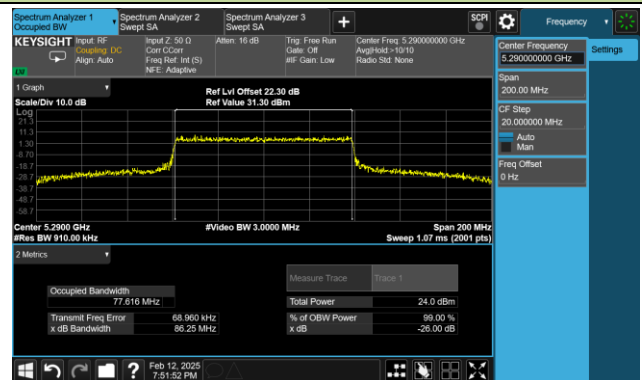


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

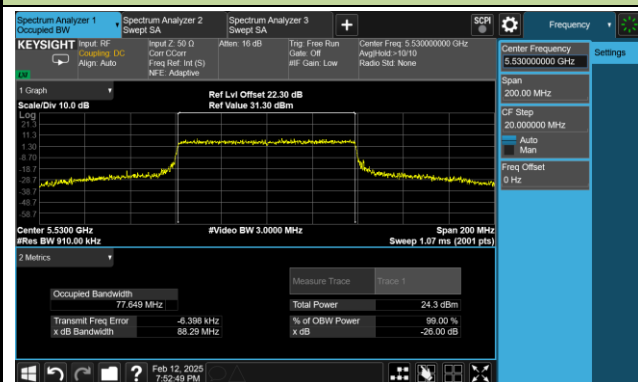
Channel 42 (5210MHz)



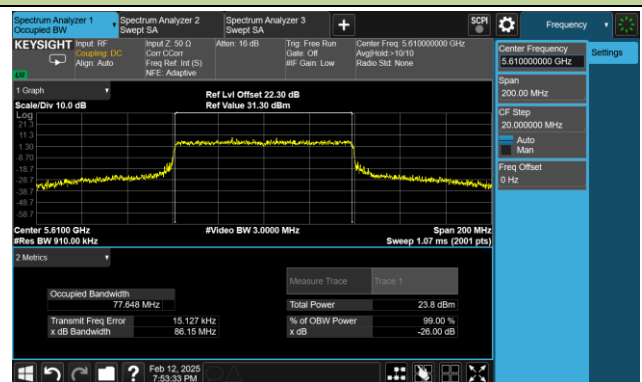
Channel 58 (5290MHz)



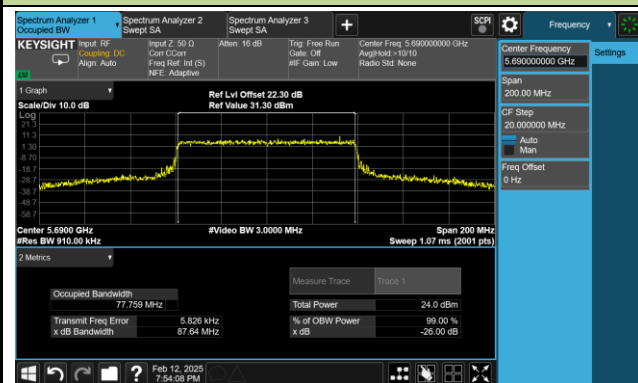
Channel 106 (5530MHz)



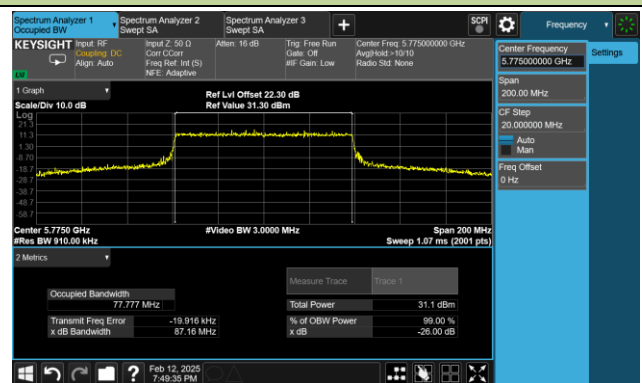
Channel 122 (5610MHz)

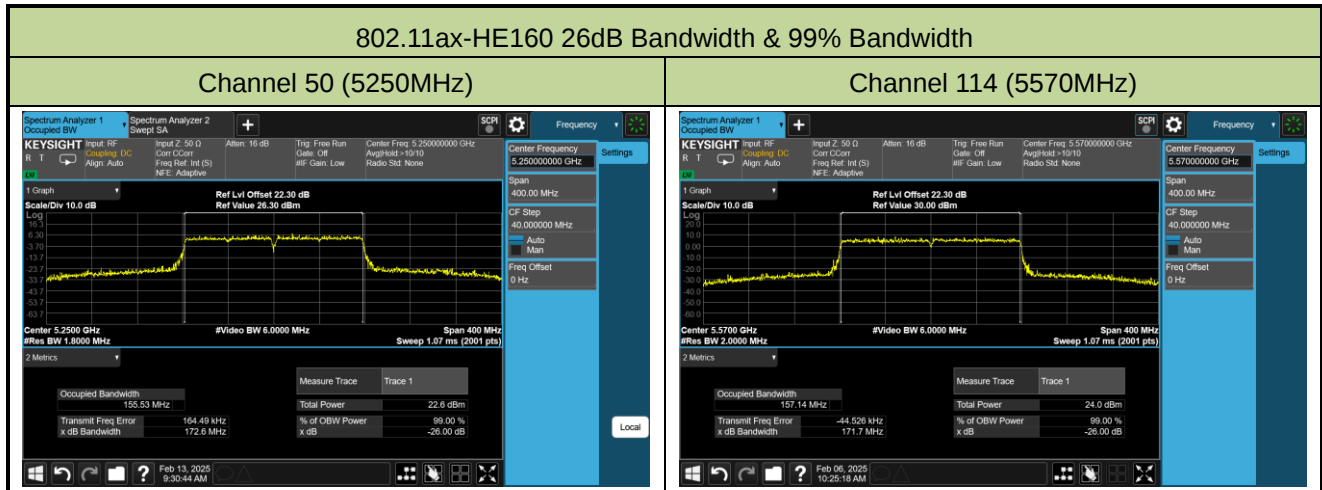


Channel 138 (5690MHz)



Channel 155 (5775MHz)



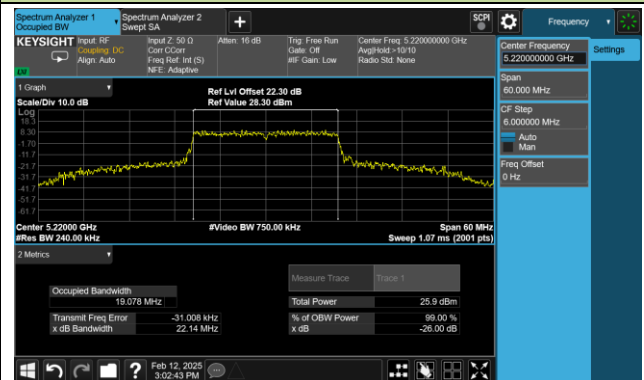


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

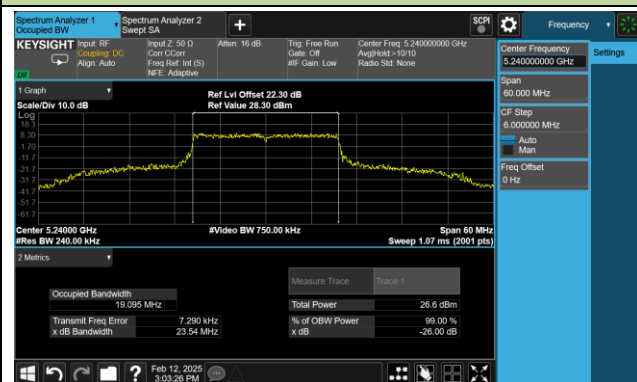
Channel 36 (5180MHz)



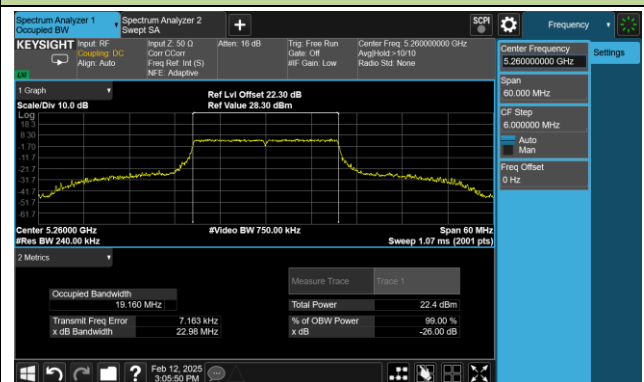
Channel 44 (5220MHz)



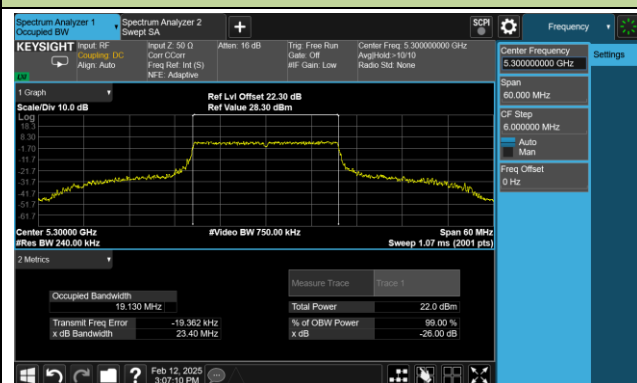
Channel 48 (5240MHz)



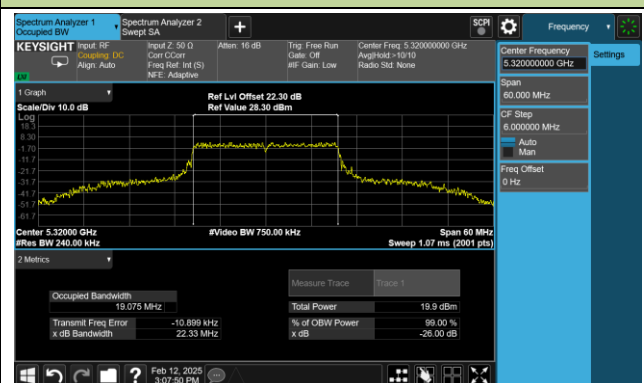
Channel 52 (5260MHz)



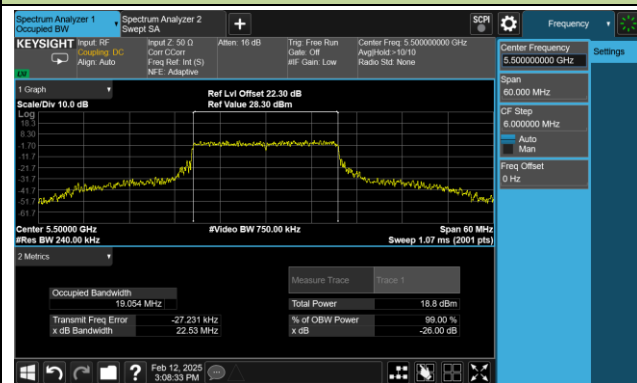
Channel 60 (5300MHz)



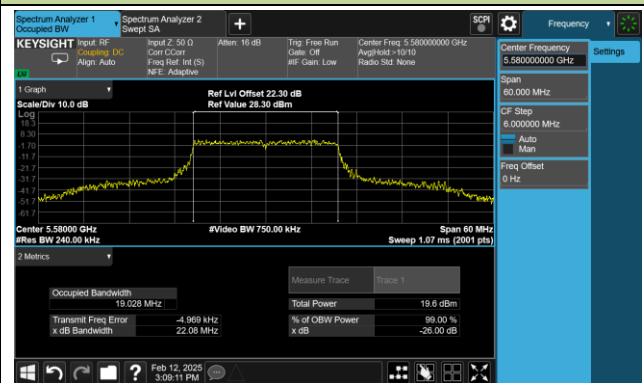
Channel 64 (5320MHz)



Channel 100 (5500MHz)

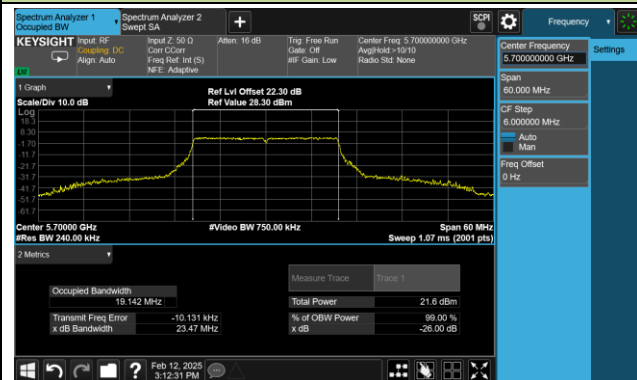


Channel 116 (5580MHz)

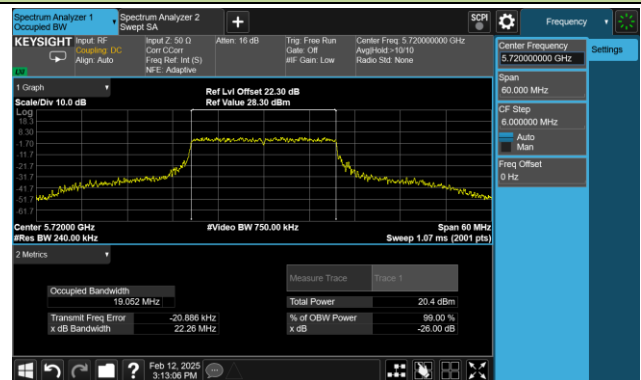


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

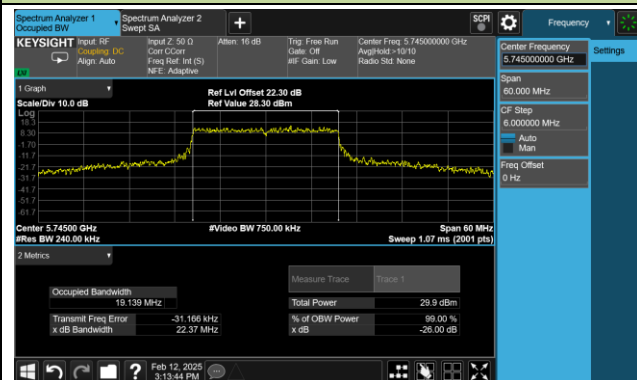
Channel 140 (5700MHz)



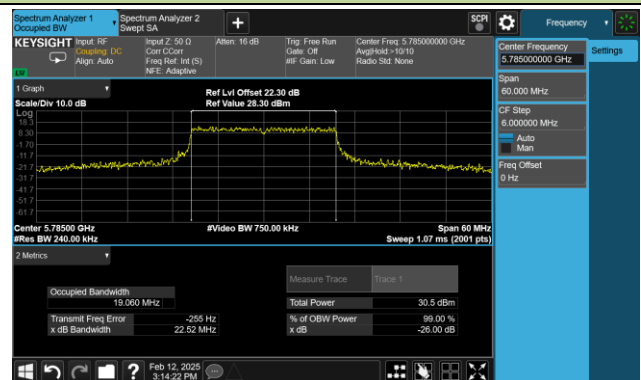
Channel 144(5720MHz)



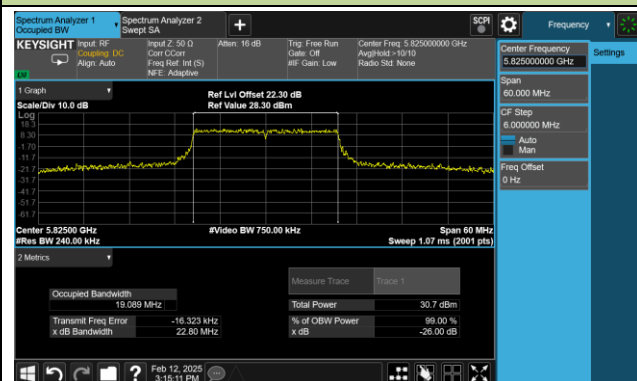
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

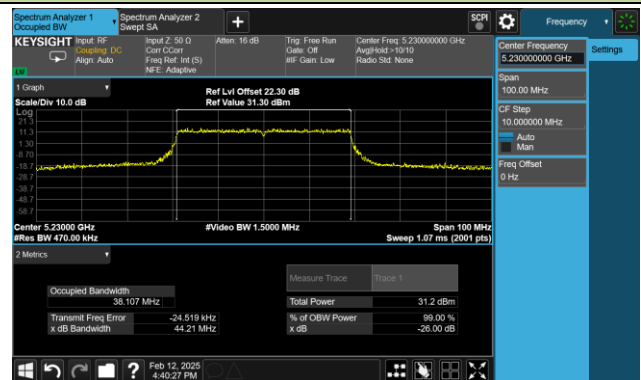


802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

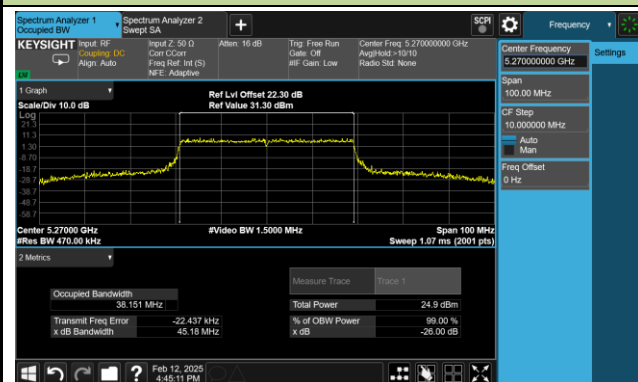
Channel 38 (5190MHz)



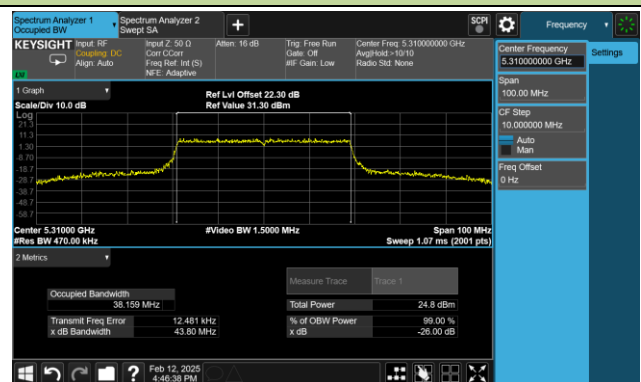
Channel 46 (5230MHz)



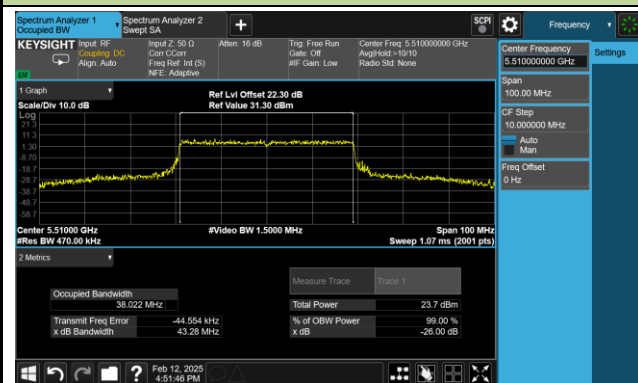
Channel 54 (5270MHz)



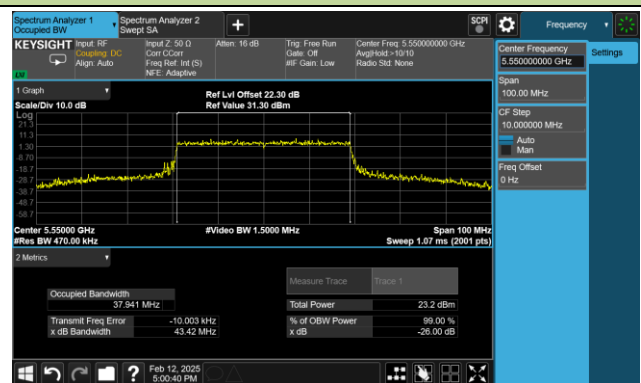
Channel 62 (5310MHz)



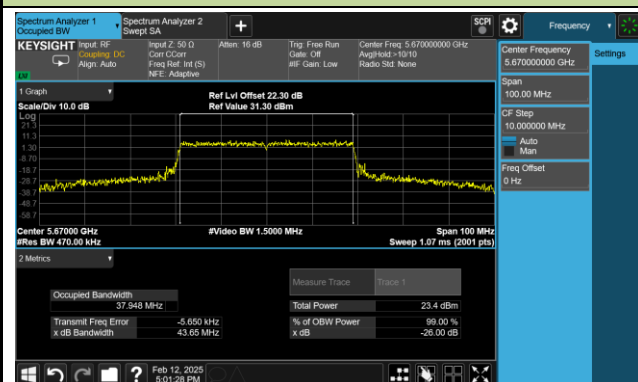
Channel 102 (5510MHz)



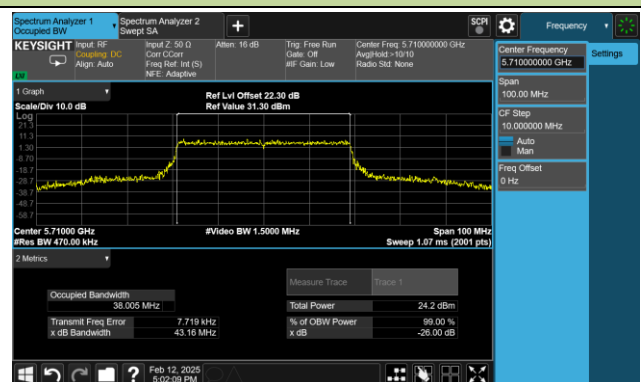
Channel 110 (5550MHz)

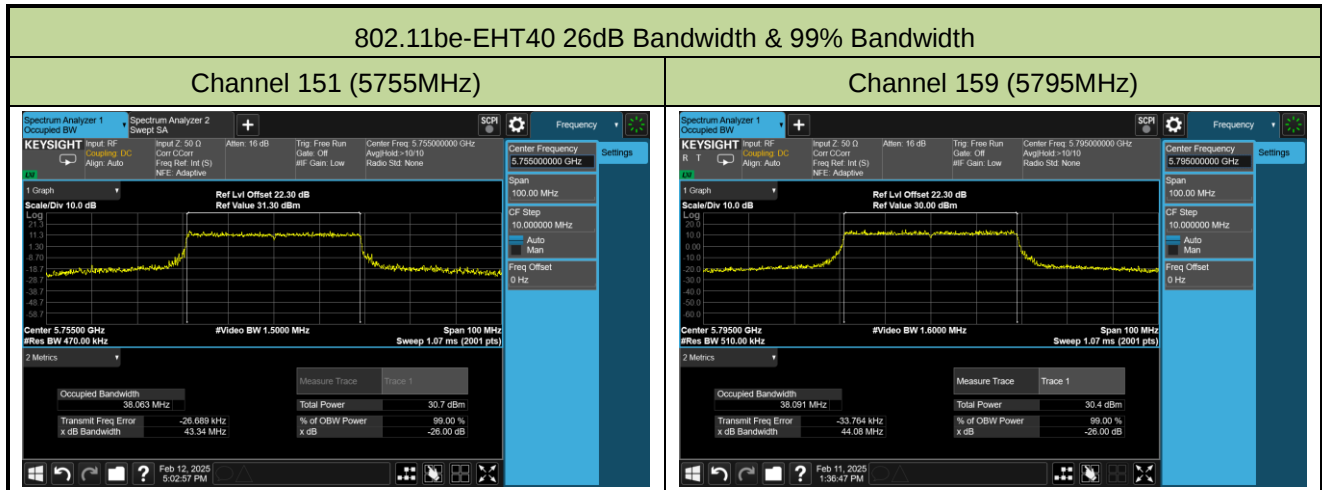


Channel 134 (5670MHz)



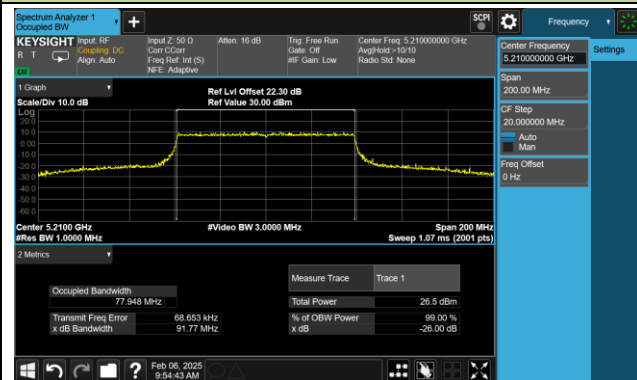
Channel 142(5710MHz)



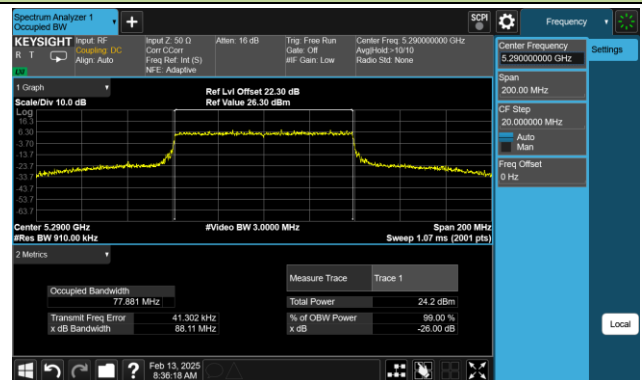


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

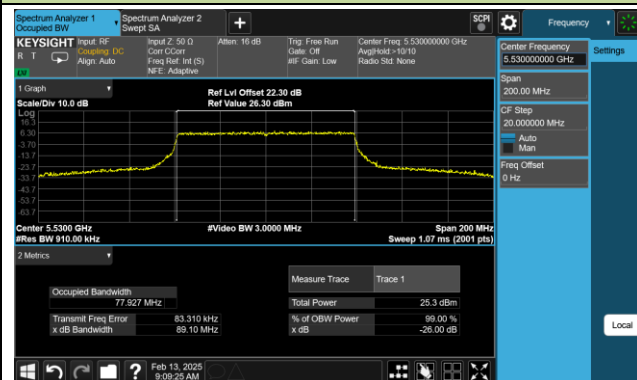
Channel 42 (5210MHz)



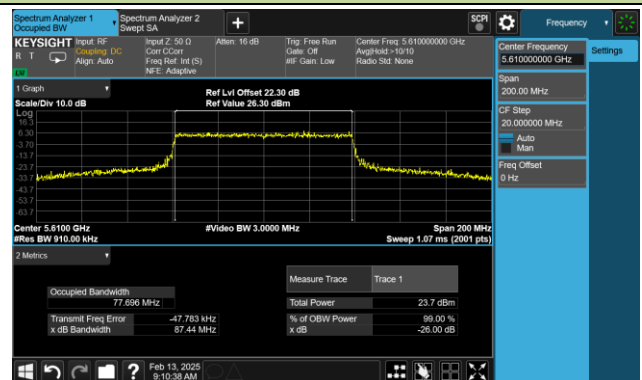
Channel 58 (5290MHz)



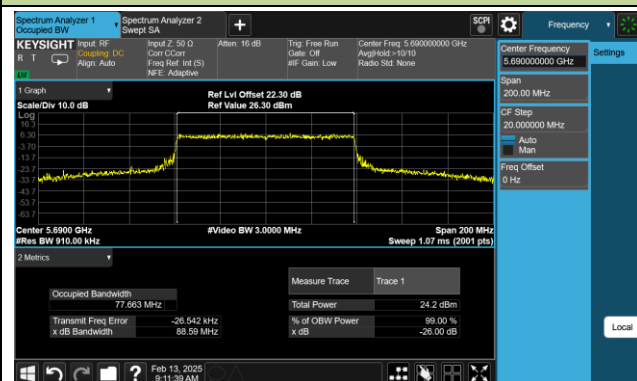
Channel 106 (5530MHz)



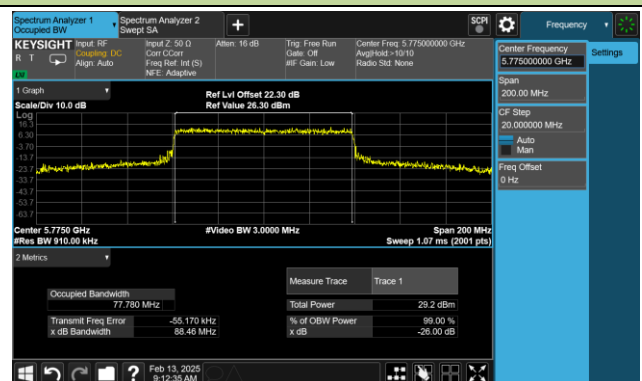
Channel 122 (5610MHz)

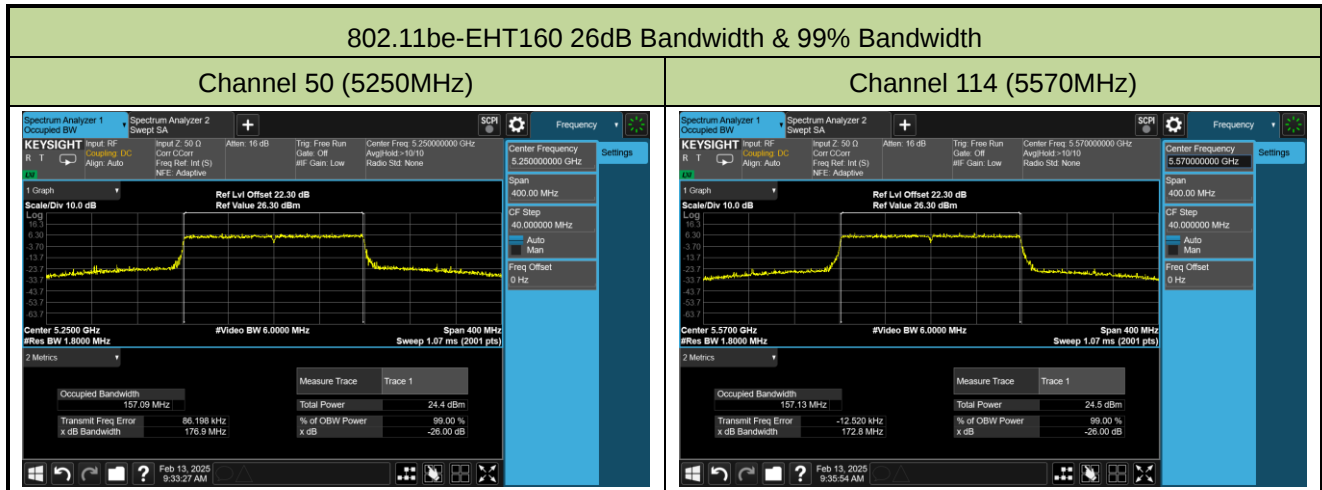


Channel 138 (5690MHz)



Channel 155 (5775MHz)





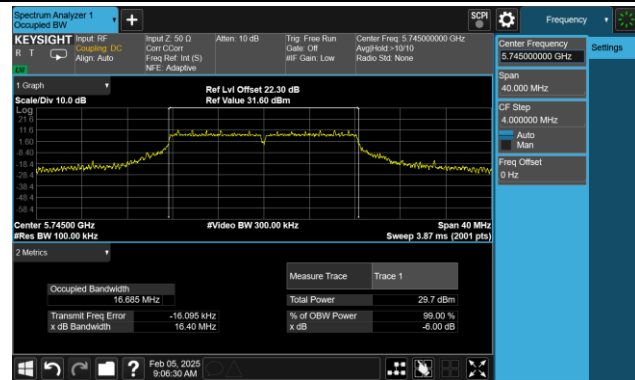
A.3 6dB Bandwidth Test Result

Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-02-05		

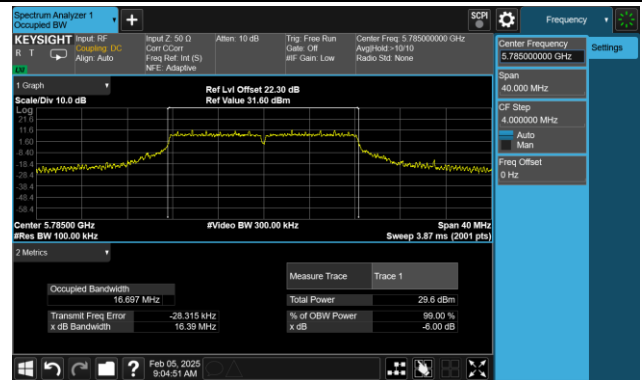
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.40	≥0.5
11a	6Mbps	157	5785	16.39	≥0.5
11a	6Mbps	165	5825	16.38	≥0.5
11ac-VHT20	MCS0	149	5745	17.66	≥0.5
11ac-VHT20	MCS0	157	5785	17.81	≥0.5
11ac-VHT20	MCS0	165	5825	17.63	≥0.5
11ac-VHT40	MCS0	151	5755	36.34	≥0.5
11ac-VHT40	MCS0	159	5795	36.46	≥0.5
11ac-VHT80	MCS0	155	5775	76.40	≥0.5
11ax-HE20	MCS0	149	5745	19.05	≥0.5
11ax-HE20	MCS0	157	5785	19.12	≥0.5
11ax-HE20	MCS0	165	5825	19.11	≥0.5
11ax-HE40	MCS0	151	5755	38.15	≥0.5
11ax-HE40	MCS0	159	5795	38.19	≥0.5
11ax-HE80	MCS0	155	5775	78.18	≥0.5
11be-EHT20	MCS0	149	5745	19.08	≥0.5
11be-EHT20	MCS0	157	5785	19.04	≥0.5
11be-EHT20	MCS0	165	5825	19.01	≥0.5
11be-EHT40	MCS0	151	5755	38.21	≥0.5
11be-EHT40	MCS0	159	5795	38.05	≥0.5
11be-EHT80	MCS0	155	5775	77.92	≥0.5

802.11a 6dB Bandwidth

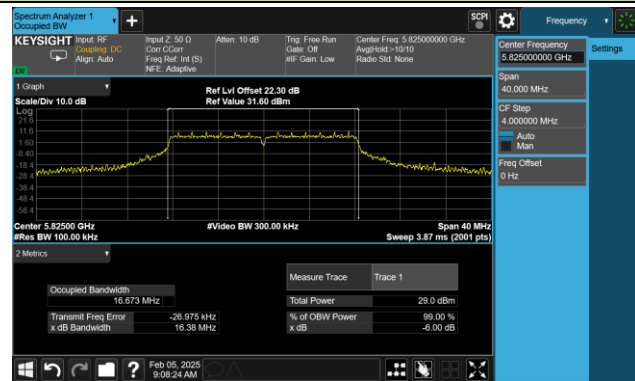
Channel 149 (5745MHz)



Channel 157 (5785MHz)

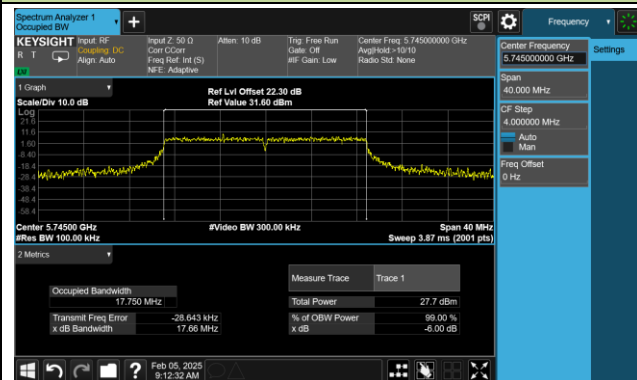


Channel 165 (5825MHz)

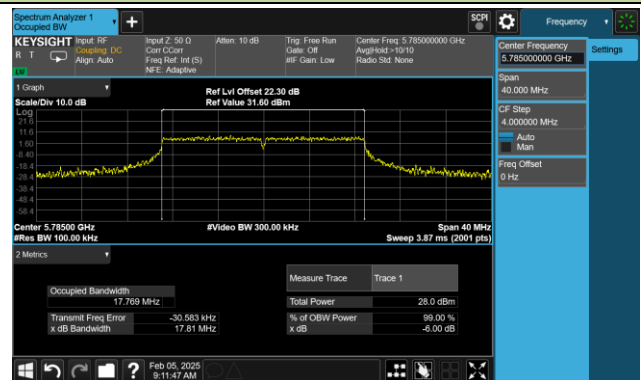


802.11ac-VHT20 6dB Bandwidth

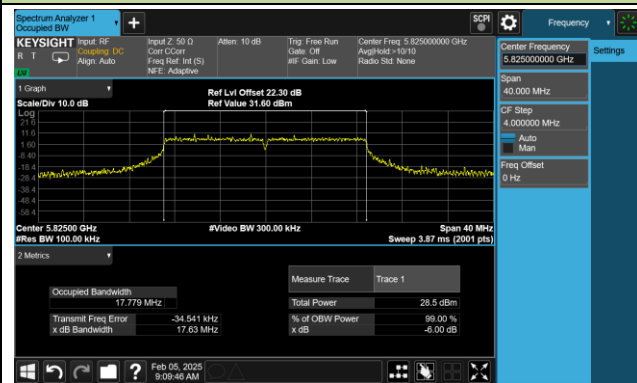
Channel 149 (5745MHz)



Channel 157 (5785MHz)

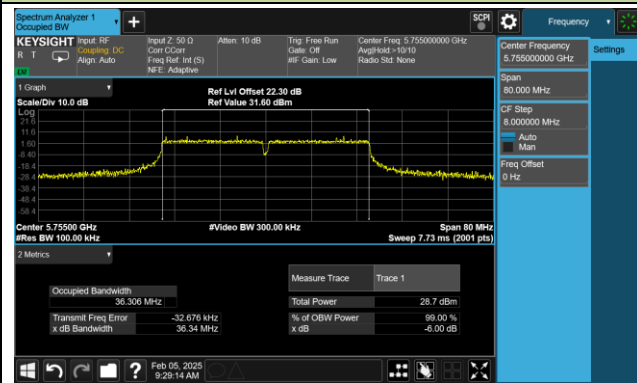


Channel 165 (5825MHz)

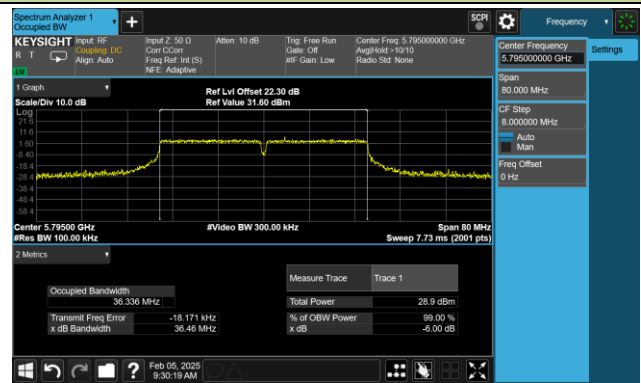


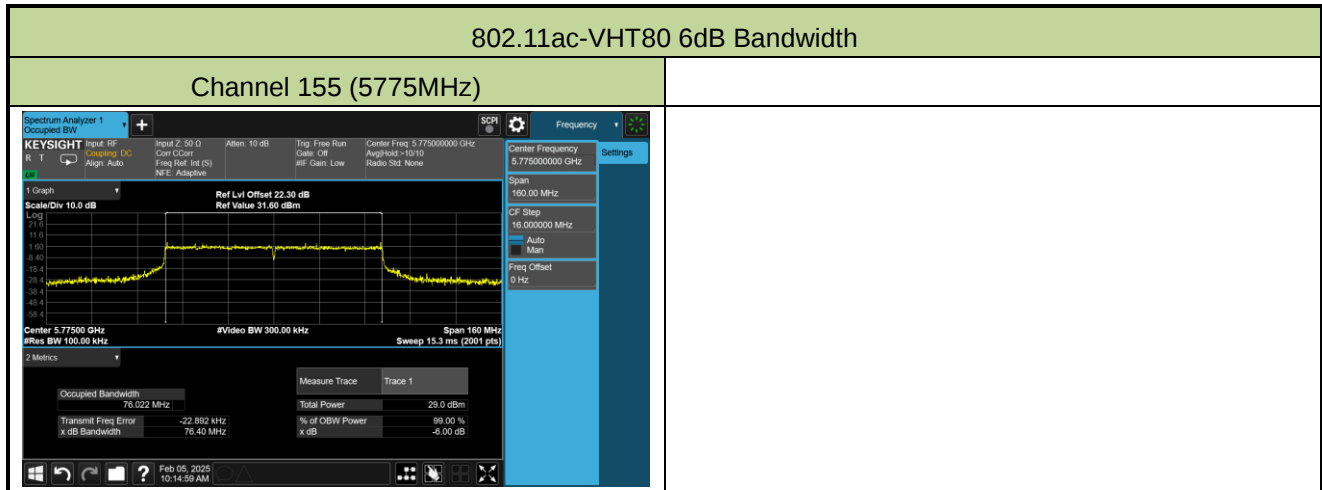
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



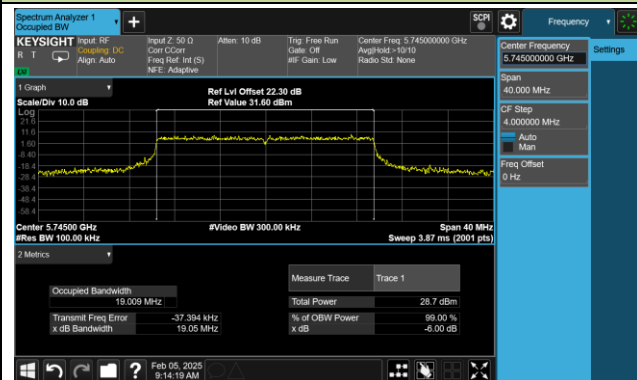
Channel 159 (5795MHz)



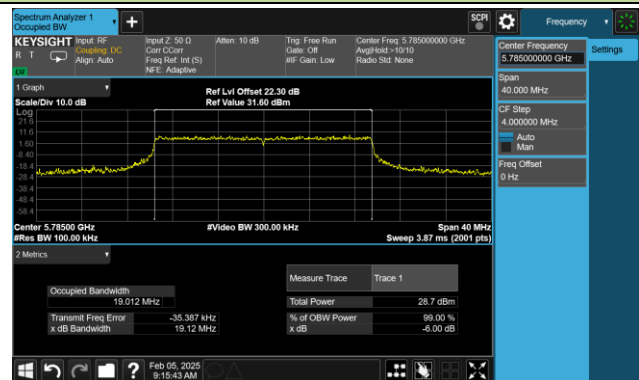


802.11ax-HE20 6dB Bandwidth

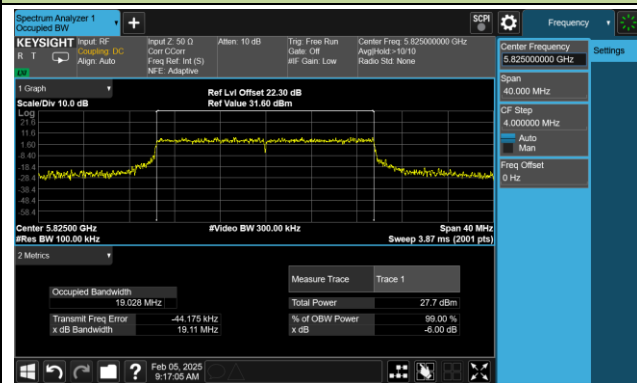
Channel 149 (5745MHz)



Channel 157 (5785MHz)

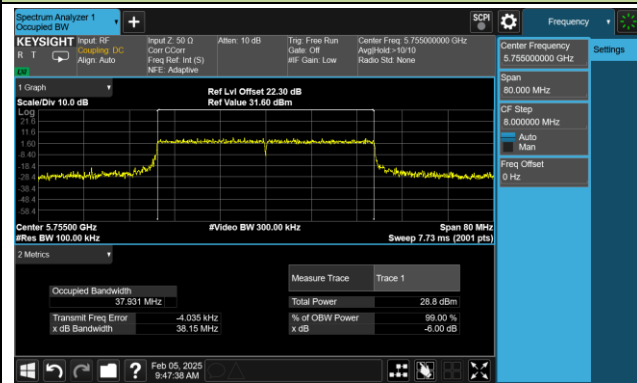


Channel 165 (5825MHz)

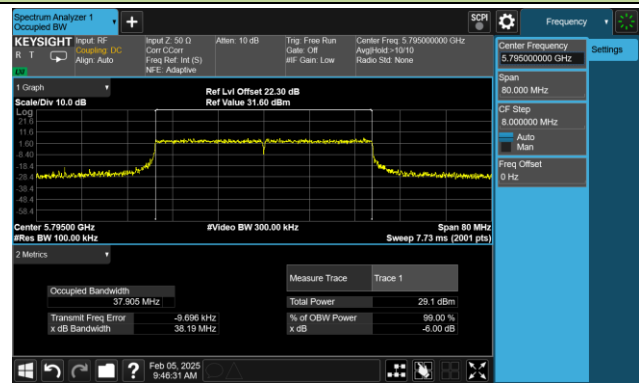


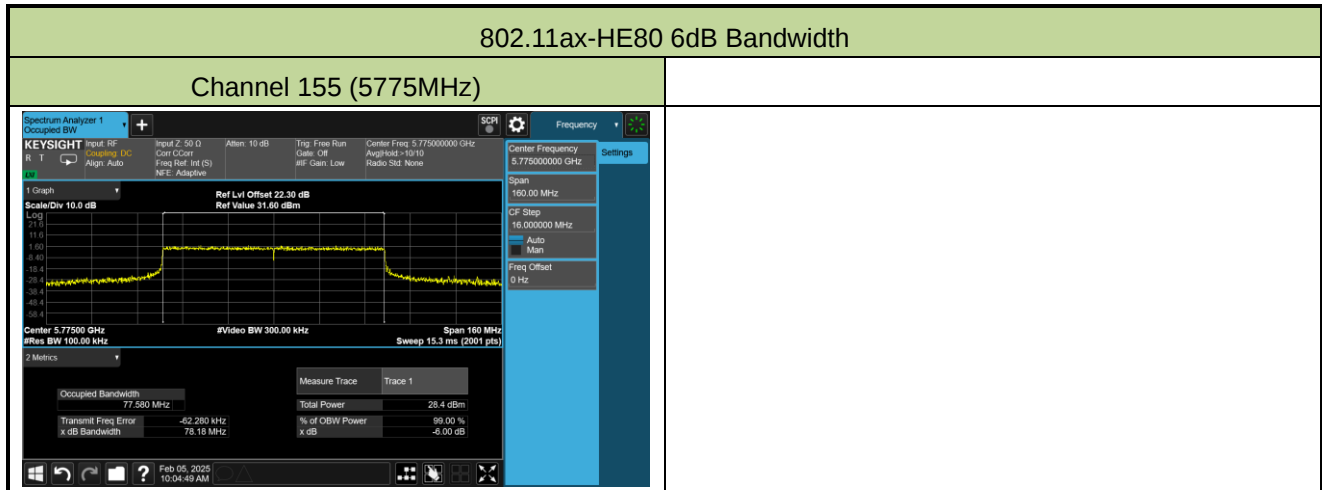
802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)



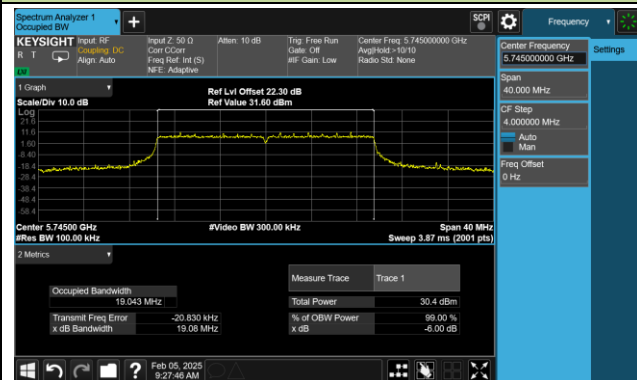
Channel 159 (5795MHz)



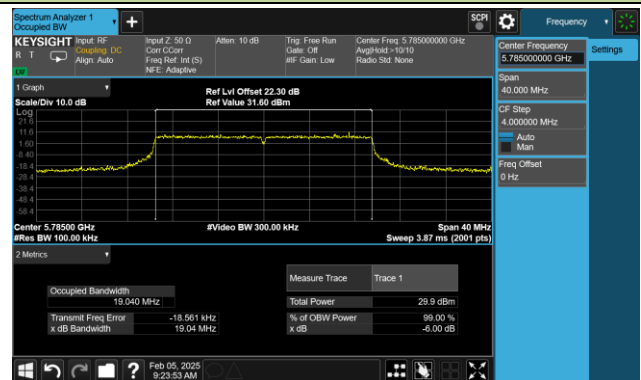


802.11be-EHT20 6dB Bandwidth

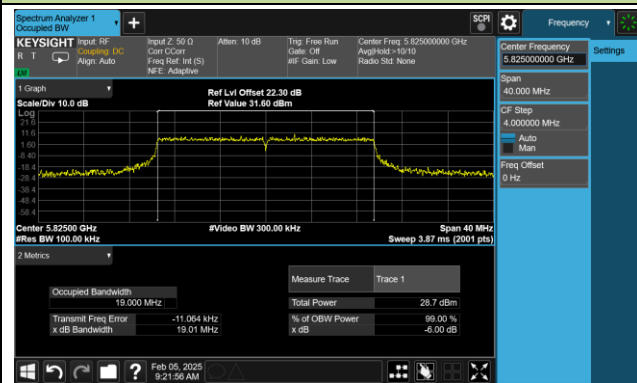
Channel 149 (5745MHz)



Channel 157 (5785MHz)

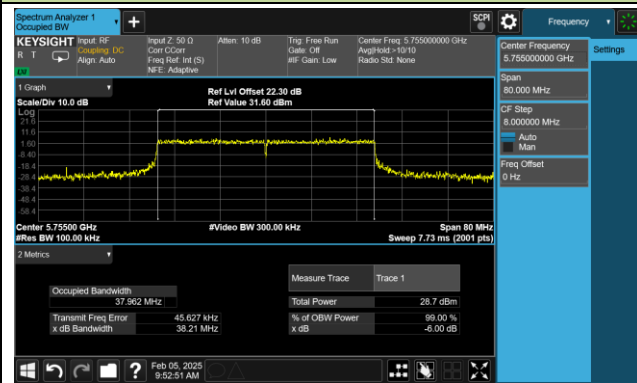


Channel 165 (5825MHz)

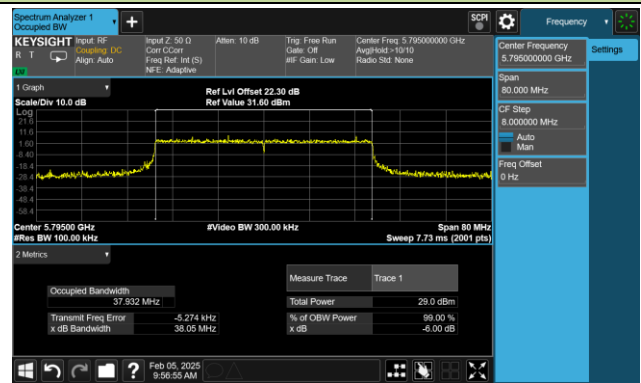


802.11be-EHT40 6dB Bandwidth

Channel 151 (5755MHz)

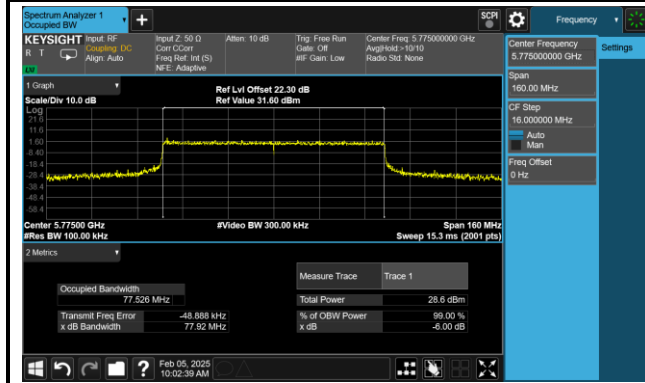


Channel 159 (5795MHz)



802.11be-EHT80 6dB Bandwidth

Channel 155 (5775MHz)



A.4 Output Power Test Result

Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-01-13 ~ 2025-01-21	Test Mode	CDD Mode

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	19.92	19.48	20.19	20.01	25.93	≤ 30.00
11a	6Mbps	44	5220	19.86	19.33	19.91	19.90	25.78	≤ 30.00
11a	6Mbps	48	5240	19.47	19.22	19.81	19.70	25.58	≤ 30.00
11a	6Mbps	52	5260	14.27	13.80	14.42	14.10	20.17	≤ 23.98
11a	6Mbps	60	5300	14.06	13.93	13.83	13.66	19.89	≤ 23.98
11a	6Mbps	64	5320	14.04	14.05	14.05	13.97	20.05	≤ 23.98
11a	6Mbps	100	5500	13.35	13.10	13.68	13.71	19.49	≤ 23.98
11a	6Mbps	116	5580	12.76	12.92	13.41	13.45	19.17	≤ 23.98
11a	6Mbps	140	5700	12.70	13.40	13.83	13.59	19.42	≤ 23.98
11a	6Mbps	144	5720	12.45	13.28	13.32	13.08	19.07	≤ 23.08
11a	6Mbps	149	5745	23.91	24.26	24.01	23.50	29.95	≤ 30.00
11a	6Mbps	157	5785	23.86	23.72	23.73	24.11	29.88	≤ 30.00
11a	6Mbps	165	5825	23.35	23.21	23.57	23.80	29.51	≤ 30.00
11ac-VHT20	MCS0	36	5180	19.95	19.68	20.21	20.02	25.99	≤ 30.00
11ac-VHT20	MCS0	44	5220	19.97	19.41	20.15	20.04	25.92	≤ 30.00
11ac-VHT20	MCS0	48	5240	19.79	19.25	19.93	19.82	25.73	≤ 30.00
11ac-VHT20	MCS0	52	5260	14.45	13.94	14.54	14.25	20.32	≤ 23.98
11ac-VHT20	MCS0	60	5300	14.19	14.09	14.02	13.87	20.06	≤ 23.98
11ac-VHT20	MCS0	64	5320	14.23	14.06	14.29	14.00	20.17	≤ 23.98
11ac-VHT20	MCS0	100	5500	13.46	13.22	13.78	13.83	19.60	≤ 23.98
11ac-VHT20	MCS0	116	5580	13.49	13.51	13.99	14.02	19.78	≤ 23.98
11ac-VHT20	MCS0	140	5700	12.72	13.27	13.88	13.66	19.43	≤ 23.98
11ac-VHT20	MCS0	144	5720	12.96	13.86	13.90	13.73	19.65	≤ 23.17
11ac-VHT20	MCS0	149	5745	23.59	23.94	23.57	23.63	29.71	≤ 30.00
11ac-VHT20	MCS0	157	5785	24.00	23.83	23.78	24.14	29.96	≤ 30.00
11ac-VHT20	MCS0	165	5825	23.79	23.71	24.13	23.77	29.87	≤ 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	17.34	16.75	17.23	17.09	23.13	≤ 30.00
11ac-VHT40	MCS0	46	5230	23.05	22.72	23.27	23.15	29.07	≤ 30.00
11ac-VHT40	MCS0	54	5270	17.31	17.02	17.52	17.38	23.33	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.19	17.17	17.15	17.20	23.20	≤ 23.98
11ac-VHT40	MCS0	102	5510	17.05	17.07	18.02	17.78	23.52	≤ 23.98
11ac-VHT40	MCS0	110	5550	16.56	16.85	17.44	17.37	23.09	≤ 23.98
11ac-VHT40	MCS0	134	5670	16.56	17.03	17.37	17.25	23.08	≤ 23.98
11ac-VHT40	MCS0	142	5710	16.24	17.05	16.93	16.52	22.72	≤ 23.98
11ac-VHT40	MCS0	151	5755	23.40	23.65	23.49	23.36	29.50	≤ 30.00
11ac-VHT40	MCS0	159	5795	23.90	23.70	23.57	23.94	29.80	≤ 30.00
11ac-VHT80	MCS0	42	5210	19.58	19.02	19.54	19.58	25.46	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.51	17.59	17.80	17.73	23.68	≤ 23.98
11ac-VHT80	MCS0	106	5530	16.48	16.96	17.41	17.34	23.08	≤ 23.98
11ac-VHT80	MCS0	122	5610	17.30	17.37	17.93	17.83	23.64	≤ 23.98
11ac-VHT80	MCS0	138	5690	17.14	18.01	18.05	17.74	23.77	≤ 23.98
11ac-VHT80	MCS0	155	5775	22.94	23.48	22.74	22.85	29.03	≤ 30.00
11ac-VHT160	MCS0	50	5250	15.84	15.68	16.13	16.03	21.94	≤ 23.98
11ac-VHT160	MCS0	114	5570	15.42	15.90	16.32	16.52	22.08	≤ 23.98
11ax-HE20	MCS0	36	5180	20.01	19.93	20.42	20.33	26.20	≤ 30.00
11ax-HE20	MCS0	44	5220	20.32	19.98	20.42	20.21	26.26	≤ 30.00
11ax-HE20	MCS0	48	5240	20.11	19.87	20.31	20.42	26.20	≤ 30.00
11ax-HE20	MCS0	52	5260	14.75	14.51	14.97	14.35	20.67	≤ 23.98
11ax-HE20	MCS0	60	5300	14.51	14.67	14.43	14.39	20.52	≤ 23.98
11ax-HE20	MCS0	64	5320	14.15	14.09	14.19	14.16	20.17	≤ 23.98
11ax-HE20	MCS0	100	5500	13.38	13.27	13.98	13.38	19.53	≤ 23.98
11ax-HE20	MCS0	116	5580	13.43	13.88	14.06	13.42	19.73	≤ 23.98
11ax-HE20	MCS0	140	5700	12.87	13.52	13.83	13.13	19.37	≤ 23.98
11ax-HE20	MCS0	144	5720	13.19	14.17	13.87	13.67	19.76	≤ 23.19
11ax-HE20	MCS0	149	5745	23.59	24.04	23.72	23.73	29.79	≤ 30.00
11ax-HE20	MCS0	157	5785	23.54	23.49	23.34	23.71	29.54	≤ 30.00
11ax-HE20	MCS0	165	5825	23.46	23.21	23.52	23.83	29.53	≤ 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	16.78	16.25	16.63	16.60	22.59	≤ 30.00
11ax-HE40	MCS0	46	5230	23.32	22.76	23.42	23.21	29.21	≤ 30.00
11ax-HE40	MCS0	54	5270	17.56	17.59	17.18	17.43	23.46	≤ 23.98
11ax-HE40	MCS0	62	5310	17.39	17.47	17.38	17.43	23.44	≤ 23.98
11ax-HE40	MCS0	102	5510	17.21	17.31	18.19	17.99	23.72	≤ 23.98
11ax-HE40	MCS0	110	5550	17.16	17.42	18.08	17.89	23.67	≤ 23.98
11ax-HE40	MCS0	134	5670	16.73	17.23	17.64	17.38	23.28	≤ 23.98
11ax-HE40	MCS0	142	5710	16.84	17.85	17.52	17.27	23.41	≤ 23.98
11ax-HE40	MCS0	151	5755	23.60	24.03	23.51	23.51	29.69	≤ 30.00
11ax-HE40	MCS0	159	5795	23.69	23.36	23.36	23.48	29.50	≤ 30.00
11ax-HE80	MCS0	42	5210	17.47	17.23	17.83	17.86	23.63	≤ 30.00
11ax-HE80	MCS0	58	5290	17.15	17.23	17.49	17.48	23.36	≤ 23.98
11ax-HE80	MCS0	106	5530	16.06	16.67	17.11	17.03	22.76	≤ 23.98
11ax-HE80	MCS0	122	5610	16.66	17.12	17.66	17.34	23.23	≤ 23.98
11ax-HE80	MCS0	138	5690	17.18	17.89	18.01	17.63	23.71	≤ 23.98
11ax-HE80	MCS0	155	5775	20.80	20.21	20.68	20.39	26.55	≤ 30.00
11ax-HE160	MCS0	50	5250	15.87	15.76	16.23	16.19	22.04	≤ 23.98
11ax-HE160	MCS0	114	5570	15.86	16.42	16.72	16.13	22.31	≤ 23.98
11be-EHT20	MCS0	36	5180	20.17	19.85	20.43	20.30	26.21	≤ 30.00
11be-EHT20	MCS0	44	5220	20.25	19.93	20.39	20.41	26.27	≤ 30.00
11be-EHT20	MCS0	48	5240	20.11	19.79	20.21	20.14	26.09	≤ 30.00
11be-EHT20	MCS0	52	5260	14.38	14.03	14.45	14.26	20.30	≤ 23.98
11be-EHT20	MCS0	60	5300	14.66	14.72	14.43	13.90	20.46	≤ 23.98
11be-EHT20	MCS0	64	5320	14.13	14.06	14.13	14.01	20.10	≤ 23.98
11be-EHT20	MCS0	100	5500	14.11	14.05	14.12	14.05	20.10	≤ 23.98
11be-EHT20	MCS0	116	5580	13.89	14.33	14.52	13.81	20.17	≤ 23.98
11be-EHT20	MCS0	140	5700	12.91	13.54	13.82	13.58	19.50	≤ 23.98
11be-EHT20	MCS0	144	5720	13.65	14.63	14.41	14.34	20.29	≤ 23.08
11be-EHT20	MCS0	149	5745	23.59	23.88	23.59	23.60	29.69	≤ 30.00
11be-EHT20	MCS0	157	5785	23.47	23.29	23.56	23.83	29.56	≤ 30.00
11be-EHT20	MCS0	165	5825	23.71	23.55	23.28	23.66	29.57	≤ 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	16.58	16.12	16.55	16.03	22.35	≤ 30.00
11be-EHT40	MCS0	46	5230	23.32	22.65	23.36	23.13	29.14	≤ 30.00
11be-EHT40	MCS0	54	5270	17.29	17.06	17.48	17.58	23.38	≤ 23.98
11be-EHT40	MCS0	62	5310	17.28	17.39	17.23	17.33	23.33	≤ 23.98
11be-EHT40	MCS0	102	5510	17.19	17.16	17.95	17.76	23.55	≤ 23.98
11be-EHT40	MCS0	110	5550	17.01	17.31	18.01	17.71	23.55	≤ 23.98
11be-EHT40	MCS0	134	5670	17.16	17.56	17.96	17.72	23.63	≤ 23.98
11be-EHT40	MCS0	142	5710	16.64	17.46	17.34	17.27	23.21	≤ 23.98
11be-EHT40	MCS0	151	5755	23.65	24.13	23.57	23.32	29.70	≤ 30.00
11be-EHT40	MCS0	159	5795	23.64	23.59	23.32	23.48	29.53	≤ 30.00
11be-EHT80	MCS0	42	5210	17.48	17.36	17.82	17.96	23.68	≤ 30.00
11be-EHT80	MCS0	58	5290	17.33	17.28	17.37	17.31	23.34	≤ 23.98
11be-EHT80	MCS0	106	5530	15.55	15.95	16.41	16.43	22.12	≤ 23.98
11be-EHT80	MCS0	122	5610	16.94	17.07	17.62	17.34	23.27	≤ 23.98
11be-EHT80	MCS0	138	5690	17.22	18.04	17.96	17.67	23.75	≤ 23.98
11be-EHT80	MCS0	155	5775	22.37	22.82	23.28	23.22	28.96	≤ 30.00
11be-EHT160	MCS0	50	5250	16.39	16.08	16.63	16.58	22.45	≤ 23.98
11be-EHT160	MCS0	114	5570	15.48	15.77	16.23	15.03	21.67	≤ 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	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-01-14 ~ 2025-01-21		
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	8.490	8.321	8.048	8.523	99.00	14.370	≤ 14.59
11a	6Mbps	44	5220	8.529	8.052	8.628	8.584	99.00	14.475	≤ 14.59
11a	6Mbps	48	5240	8.287	7.999	8.623	8.460	99.00	14.369	≤ 14.59
11a	6Mbps	52	5260	2.883	2.661	3.003	2.909	99.00	8.886	≤ 8.96
11a	6Mbps	60	5300	2.641	2.711	3.163	2.755	99.00	8.843	≤ 8.96
11a	6Mbps	64	5320	2.726	2.955	2.604	2.635	99.00	8.753	≤ 8.96
11a	6Mbps	100	5500	2.038	2.156	2.647	2.515	99.00	8.367	≤ 8.48
11a	6Mbps	116	5580	1.554	1.770	2.209	2.370	99.00	8.009	≤ 8.48
11a	6Mbps	140	5700	1.729	2.452	2.578	2.498	99.00	8.348	≤ 8.48
11a	6Mbps	144	5720	1.542	2.391	2.182	2.020	99.00	8.065	≤ 8.48
11ac-VHT20	MCS0	36	5180	8.278	7.859	8.227	8.216	99.65	14.169	≤ 14.59
11ac-VHT20	MCS0	44	5220	8.090	7.789	8.314	8.338	99.65	14.159	≤ 14.59
11ac-VHT20	MCS0	48	5240	8.061	7.634	8.373	8.221	99.65	14.102	≤ 14.59
11ac-VHT20	MCS0	52	5260	2.701	2.671	2.802	2.808	99.65	8.767	≤ 8.96
11ac-VHT20	MCS0	60	5300	2.263	2.666	2.627	2.379	99.65	8.508	≤ 8.96
11ac-VHT20	MCS0	64	5320	2.413	2.788	2.452	2.443	99.65	8.547	≤ 8.96
11ac-VHT20	MCS0	100	5500	1.832	1.846	2.437	2.412	99.65	8.162	≤ 8.48
11ac-VHT20	MCS0	116	5580	1.600	1.902	2.414	2.331	99.65	8.095	≤ 8.48
11ac-VHT20	MCS0	140	5700	1.471	2.194	2.339	2.299	99.65	8.110	≤ 8.48
11ac-VHT20	MCS0	144	5720	1.509	2.545	2.212	2.229	99.65	8.161	≤ 8.48
11ac-VHT40	MCS0	38	5190	2.731	2.228	2.761	2.672	99.71	8.624	≤ 14.59
11ac-VHT40	MCS0	46	5230	8.839	8.086	8.690	7.887	99.71	14.414	≤ 14.59
11ac-VHT40	MCS0	54	5270	2.857	2.522	2.921	2.755	99.71	8.787	≤ 8.96
11ac-VHT40	MCS0	62	5310	2.646	2.475	2.497	2.603	99.71	8.576	≤ 8.96
11ac-VHT40	MCS0	102	5510	1.990	1.878	2.784	2.559	99.71	8.340	≤ 8.48
11ac-VHT40	MCS0	110	5550	1.473	1.890	2.481	2.277	99.71	8.068	≤ 8.48
11ac-VHT40	MCS0	134	5670	1.847	2.336	2.762	2.423	99.71	8.375	≤ 8.48
11ac-VHT40	MCS0	142	5710	1.416	2.386	2.243	1.938	99.71	8.032	≤ 8.48

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	2.216	1.576	2.325	2.001	99.56	8.059	≤ 14.59
11ac-VHT80	MCS0	58	5290	-0.439	-0.580	-0.196	-0.324	99.56	5.638	≤ 8.96
11ac-VHT80	MCS0	106	5530	-1.893	-1.283	-0.477	-0.838	99.56	4.930	≤ 8.48
11ac-VHT80	MCS0	122	5610	-1.082	-1.072	-0.302	-0.783	99.56	5.223	≤ 8.48
11ac-VHT80	MCS0	138	5690	-0.973	-0.130	-0.014	-0.314	99.56	5.678	≤ 8.48
11ac-VHT160	MCS0	50	5250	-4.717	-4.778	-4.254	-4.360	99.61	1.499	≤ 8.59
11ac-VHT160	MCS0	114	5570	-5.510	-4.832	-4.549	-4.472	99.61	1.199	≤ 8.48
11ax-HE20	MCS0	36	5180	7.886	7.854	8.097	8.140	99.56	14.017	≤ 14.59
11ax-HE20	MCS0	44	5220	8.407	7.836	8.611	8.657	99.56	14.410	≤ 14.59
11ax-HE20	MCS0	48	5240	8.198	7.997	8.416	8.255	99.56	14.240	≤ 14.59
11ax-HE20	MCS0	52	5260	2.873	2.525	2.358	2.792	99.56	8.662	≤ 8.96
11ax-HE20	MCS0	60	5300	2.607	3.172	2.497	2.406	99.56	8.702	≤ 8.96
11ax-HE20	MCS0	64	5320	2.311	2.646	2.337	2.578	99.56	8.491	≤ 8.96
11ax-HE20	MCS0	100	5500	1.723	1.806	2.392	2.403	99.56	8.113	≤ 8.48
11ax-HE20	MCS0	116	5580	1.509	1.939	2.199	2.379	99.56	8.039	≤ 8.48
11ax-HE20	MCS0	140	5700	1.428	2.381	2.412	2.364	99.56	8.186	≤ 8.48
11ax-HE20	MCS0	144	5720	1.357	2.541	2.173	2.095	99.56	8.083	≤ 8.48
11ax-HE40	MCS0	38	5190	1.962	1.492	2.169	1.847	99.45	7.895	≤ 14.59
11ax-HE40	MCS0	46	5230	8.202	7.857	8.493	8.173	99.45	14.208	≤ 14.59
11ax-HE40	MCS0	54	5270	2.204	2.052	2.541	2.349	99.45	8.311	≤ 8.96
11ax-HE40	MCS0	62	5310	2.507	2.674	2.492	2.438	99.45	8.549	≤ 8.96
11ax-HE40	MCS0	102	5510	1.617	1.557	2.370	2.352	99.45	8.012	≤ 8.48
11ax-HE40	MCS0	110	5550	1.382	1.928	2.732	2.254	99.45	8.122	≤ 8.48
11ax-HE40	MCS0	134	5670	1.527	2.130	2.489	2.166	99.45	8.112	≤ 8.48
11ax-HE40	MCS0	142	5710	1.760	2.377	2.423	1.877	99.45	8.140	≤ 8.48
11ax-HE80	MCS0	42	5210	-0.061	-0.192	0.307	0.285	99.41	6.111	≤ 14.59
11ax-HE80	MCS0	58	5290	-0.763	-0.328	-0.402	-0.509	99.41	5.523	≤ 8.96
11ax-HE80	MCS0	106	5530	-2.348	-1.751	-1.150	-1.237	99.41	4.425	≤ 8.48
11ax-HE80	MCS0	122	5610	-1.539	-1.116	-0.858	-1.008	99.41	4.898	≤ 8.48
11ax-HE80	MCS0	138	5690	-0.550	-0.110	0.126	-0.321	99.41	5.814	≤ 8.48
11ax-HE160	MCS0	50	5250	-4.680	-4.820	-4.140	-3.947	99.38	1.639	≤ 8.59
11ax-HE160	MCS0	114	5570	-4.808	-4.485	-4.133	-3.704	99.38	1.758	≤ 8.48

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	7.964	7.712	8.030	7.928	99.38	13.931	≤ 14.59
11be-EHT20	MCS0	44	5220	7.919	8.092	8.573	8.571	99.38	14.319	≤ 14.59
11be-EHT20	MCS0	48	5240	8.435	7.952	8.462	8.077	99.38	14.258	≤ 14.59
11be-EHT20	MCS0	52	5260	2.628	2.377	2.614	2.167	99.38	8.471	≤ 8.96
11be-EHT20	MCS0	60	5300	2.460	2.594	2.185	2.057	99.38	8.350	≤ 8.96
11be-EHT20	MCS0	64	5320	2.338	2.730	2.513	2.439	99.38	8.528	≤ 8.96
11be-EHT20	MCS0	100	5500	1.773	1.861	2.274	2.222	99.38	8.059	≤ 8.48
11be-EHT20	MCS0	116	5580	1.735	2.048	2.336	2.190	99.38	8.103	≤ 8.48
11be-EHT20	MCS0	140	5700	1.403	2.141	2.370	2.229	99.38	8.072	≤ 8.48
11be-EHT20	MCS0	144	5720	1.423	2.532	2.244	1.901	99.38	8.065	≤ 8.48
11be-EHT40	MCS0	38	5190	1.906	1.929	1.578	1.985	99.56	7.873	≤ 14.59
11be-EHT40	MCS0	46	5230	8.713	7.939	8.583	8.483	99.56	14.460	≤ 14.59
11be-EHT40	MCS0	54	5270	2.533	2.454	2.840	2.800	99.56	8.681	≤ 8.96
11be-EHT40	MCS0	62	5310	2.266	2.466	2.361	2.234	99.56	8.353	≤ 8.96
11be-EHT40	MCS0	102	5510	1.840	1.588	2.859	2.353	99.56	8.208	≤ 8.48
11be-EHT40	MCS0	110	5550	1.973	2.508	2.667	2.605	99.56	8.467	≤ 8.48
11be-EHT40	MCS0	134	5670	1.790	2.379	2.692	2.686	99.56	8.423	≤ 8.48
11be-EHT40	MCS0	142	5710	1.797	2.763	2.296	2.169	99.56	8.291	≤ 8.48
11be-EHT80	MCS0	42	5210	-0.257	-0.479	0.119	0.077	99.45	5.893	≤ 14.59
11be-EHT80	MCS0	58	5290	-0.839	-0.758	-0.620	-0.793	99.45	5.269	≤ 8.96
11be-EHT80	MCS0	106	5530	-2.547	-2.283	-1.692	-1.512	99.45	4.033	≤ 8.48
11be-EHT80	MCS0	122	5610	-1.213	-1.449	-0.546	-0.569	99.45	5.094	≤ 8.48
11be-EHT80	MCS0	138	5690	-1.002	-0.445	-0.050	-0.398	99.45	5.560	≤ 8.48
11be-EHT160	MCS0	50	5250	-4.202	-4.264	-3.620	-4.043	99.27	1.996	≤ 8.59
11be-EHT160	MCS0	114	5570	-5.316	-5.110	-4.501	-4.430	99.27	1.198	≤ 8.48

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

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

Note 2:

For 5125 - 5250MHz Band: PSD Limit (dBm/MHz) = 17 - (8.41 - 6) = 14.59dBm/MHz

For 5250 - 5350MHz Band: PSD Limit (dBm/MHz) = 11 - (8.04 - 6) = 8.96dBm/MHz.

For 5470 - 5725MHz Band: PSD Limit (dBm/MHz) = 11 - (8.52 - 6) = 8.48dBm/MHz.

Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-01-14 ~ 2025-01-21		
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	8.880	9.555	9.319	9.338	99.00	15.300	≤ 28.08
11a	6Mbps	157	5785	9.518	9.696	9.195	9.375	99.00	15.471	≤ 28.08
11a	6Mbps	165	5825	8.973	9.278	8.906	9.173	99.00	15.106	≤ 28.08
11ac-VHT20	MCS0	149	5745	8.147	8.843	8.597	8.651	99.65	14.587	≤ 28.08
11ac-VHT20	MCS0	157	5785	8.691	9.158	8.890	9.100	99.65	14.984	≤ 28.08
11ac-VHT20	MCS0	165	5825	9.617	9.453	9.061	9.372	99.65	15.401	≤ 28.08
11ac-VHT40	MCS0	151	5755	5.561	6.213	6.047	5.704	99.71	11.910	≤ 28.08
11ac-VHT40	MCS0	159	5795	5.910	6.433	5.826	5.091	99.71	11.862	≤ 28.08
11ac-VHT80	MCS0	155	5775	2.662	2.979	2.294	2.315	99.56	8.592	≤ 28.08
11ax-HE20	MCS0	149	5745	7.743	8.330	8.097	8.147	99.56	14.105	≤ 28.08
11ax-HE20	MCS0	157	5785	7.852	8.148	7.933	8.131	99.56	14.038	≤ 28.08
11ax-HE20	MCS0	165	5825	8.397	8.351	7.957	8.125	99.56	14.232	≤ 28.08
11ax-HE40	MCS0	151	5755	6.474	6.912	6.828	6.720	99.45	12.757	≤ 28.08
11ax-HE40	MCS0	159	5795	6.184	7.019	6.072	6.073	99.45	12.376	≤ 28.08
11ax-HE80	MCS0	155	5775	1.970	2.349	1.700	2.101	99.41	8.057	≤ 28.08
11be-EHT20	MCS0	149	5745	8.118	8.750	8.490	8.219	99.38	14.422	≤ 28.08
11be-EHT20	MCS0	157	5785	8.903	8.974	8.710	8.961	99.38	14.909	≤ 28.08
11be-EHT20	MCS0	165	5825	8.929	9.057	8.773	8.829	99.38	14.919	≤ 28.08
11be-EHT40	MCS0	151	5755	6.063	6.688	6.263	6.478	99.56	12.400	≤ 28.08
11be-EHT40	MCS0	159	5795	6.129	6.417	5.619	5.828	99.56	12.029	≤ 28.08
11be-EHT80	MCS0	155	5775	2.090	2.505	1.829	1.993	99.45	8.132	≤ 28.08

Note 1:

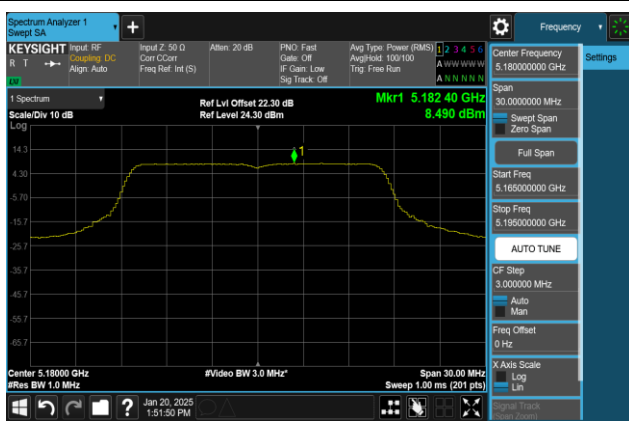
When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.

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

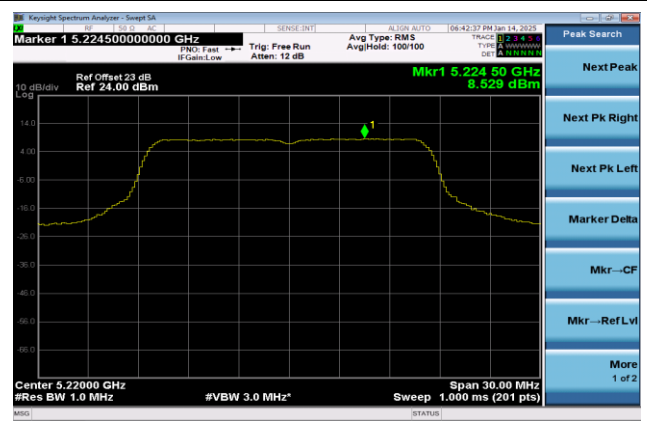
Note 2: PSD Limit (dBm/500kHz) = 30 - (7.92 - 6) = 28.08dBm/500kHz.

802.11a Power Spectral Density- Ant 0

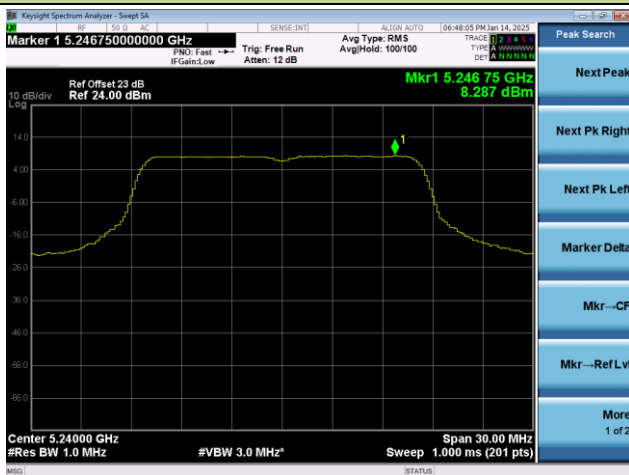
Channel 36 (5180MHz)



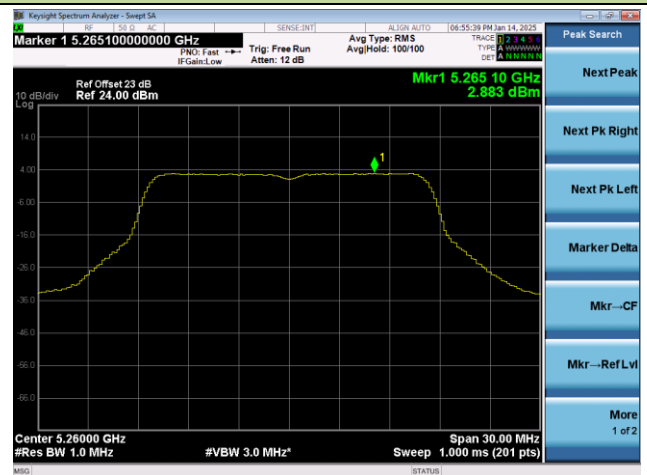
Channel 44 (5220MHz)



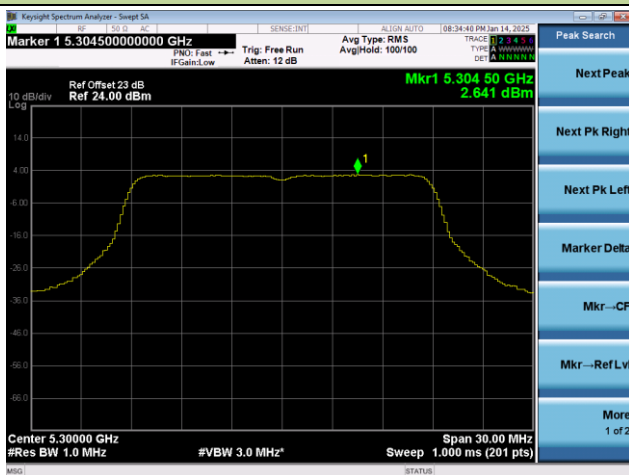
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)

