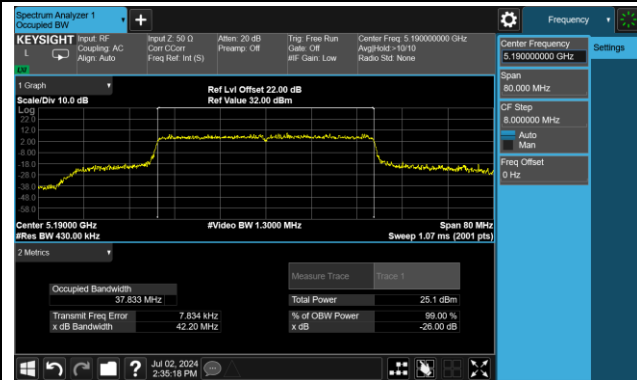
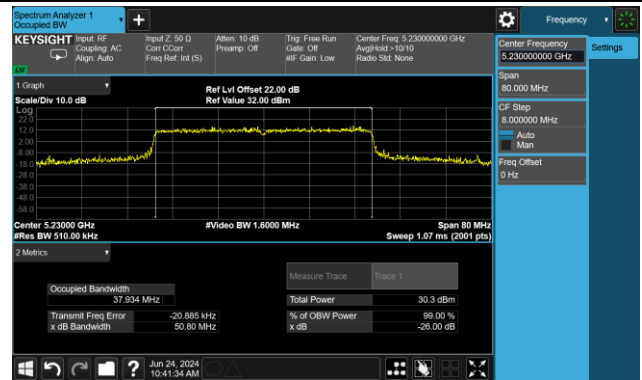


802.11ax-HE40 26dB Bandwidth & 99% Bandwidth

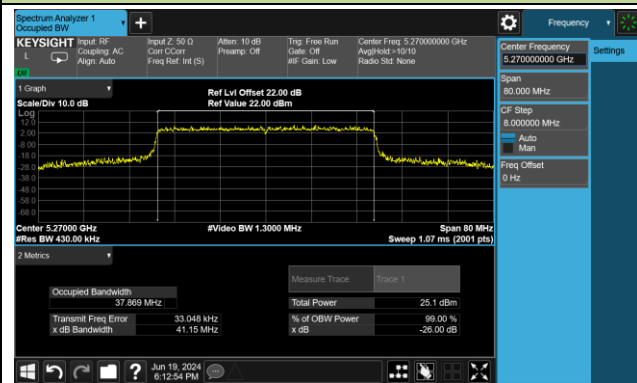
Channel 38 (5190MHz)



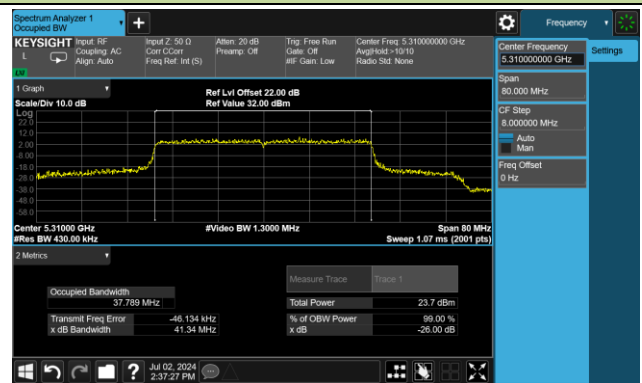
Channel 46 (5230MHz)



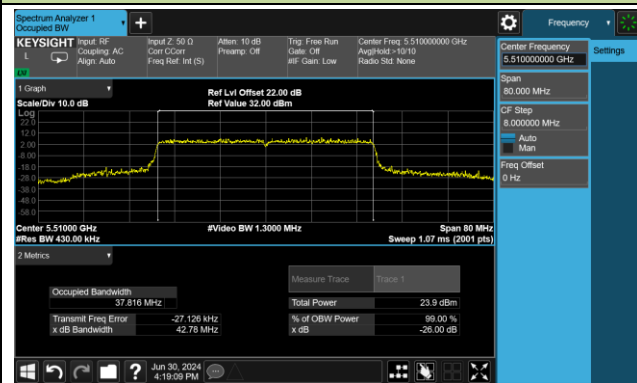
Channel 54 (5270MHz)



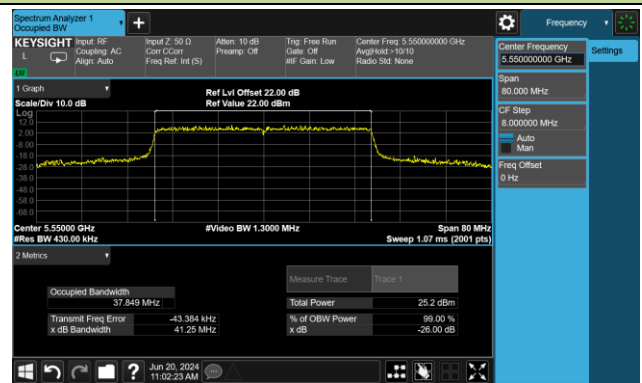
Channel 62 (5310MHz)



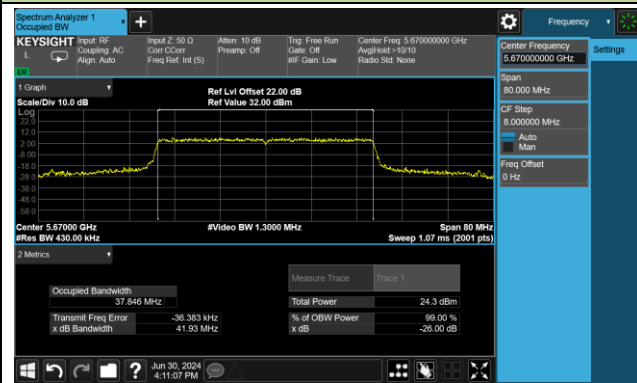
Channel 102 (5510MHz)



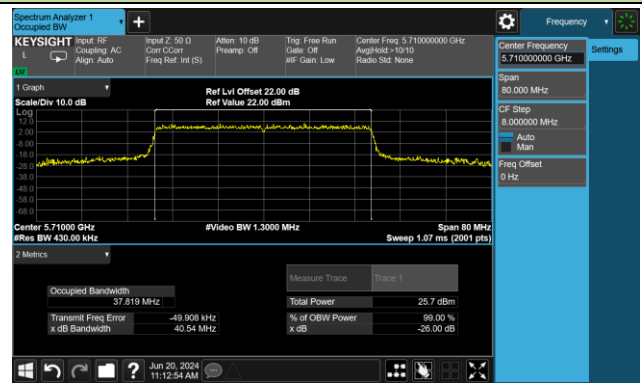
Channel 110 (5550MHz)

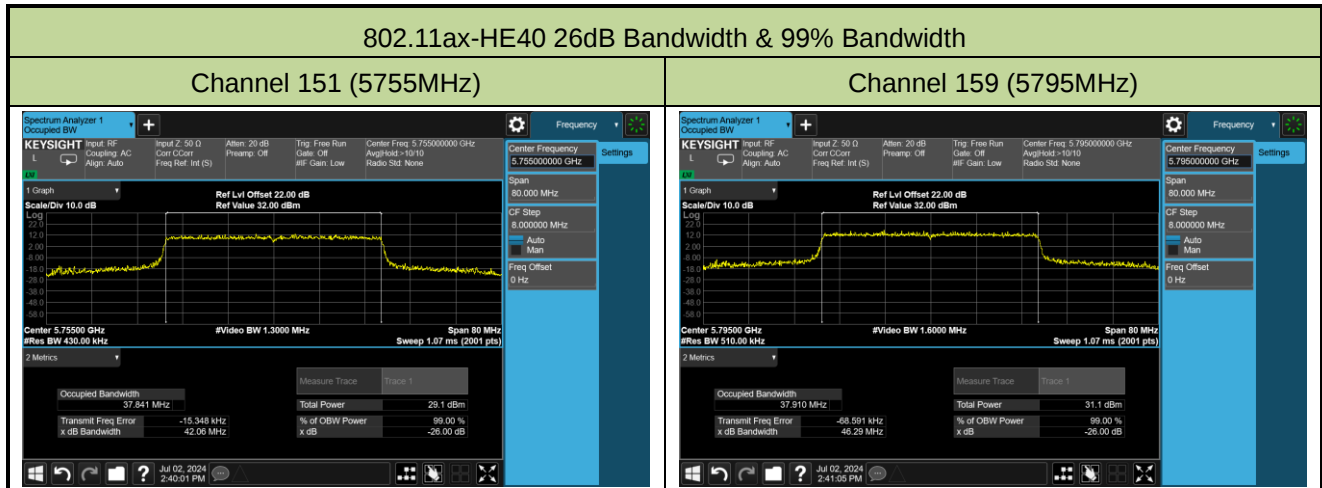


Channel 134 (5670MHz)



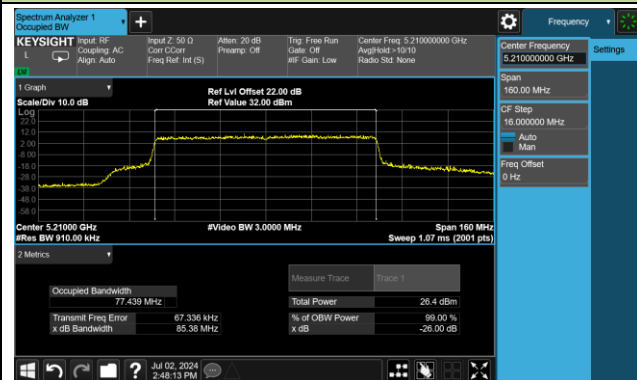
Channel 142(5710MHz)



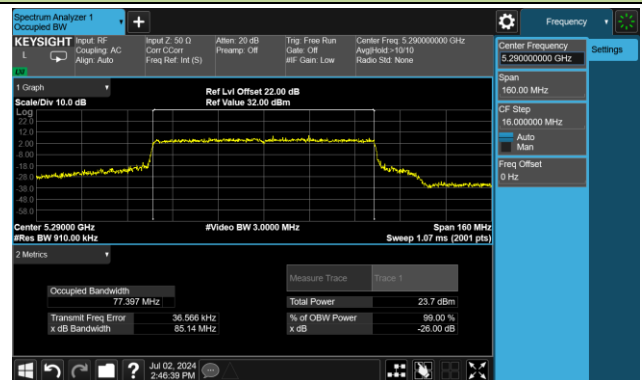


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

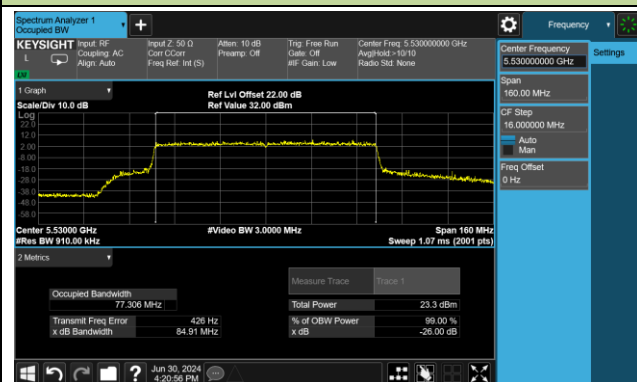
Channel 42 (5210MHz)



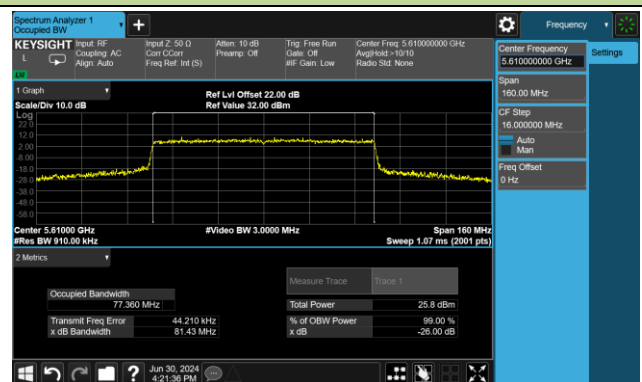
Channel 58 (5290MHz)



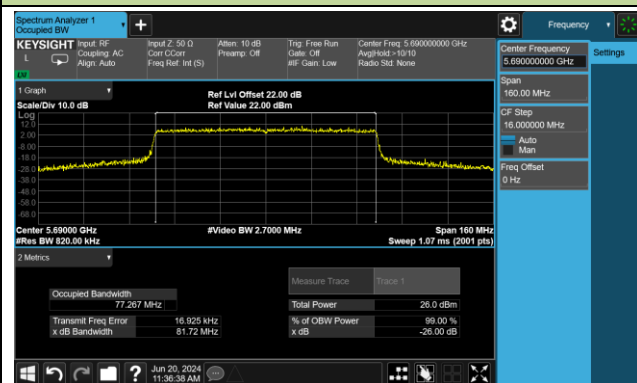
Channel 106 (5530MHz)



Channel 122 (5610MHz)

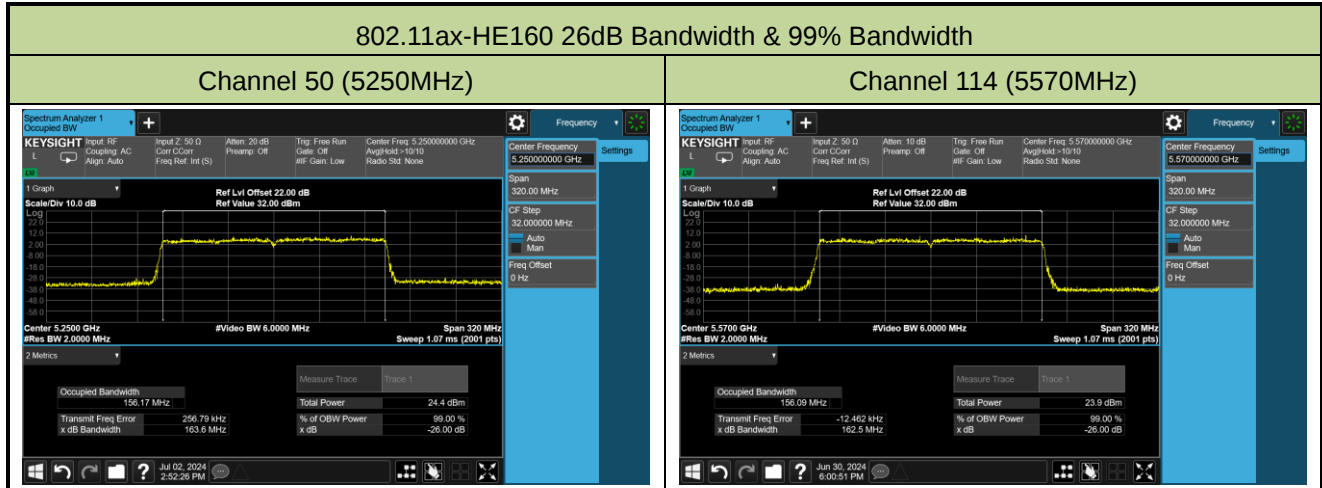


Channel 138 (5690MHz)



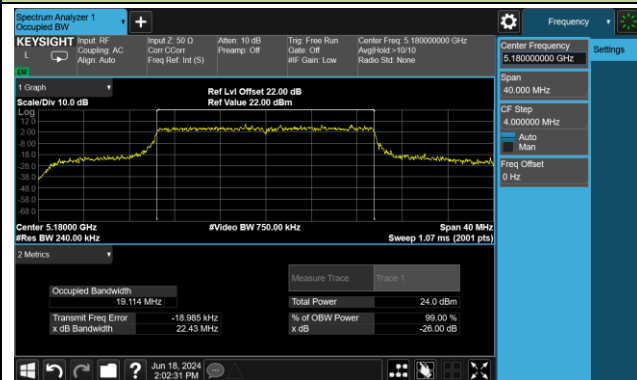
Channel 155 (5775MHz)



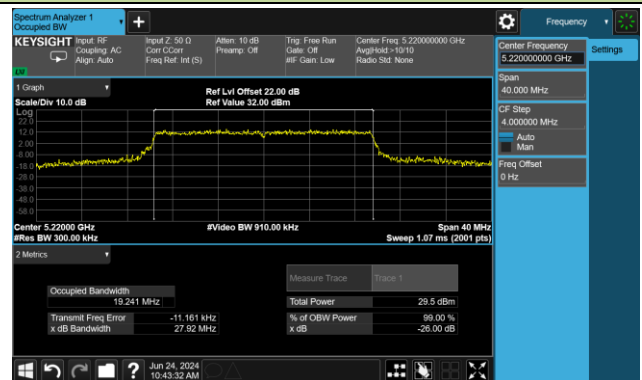


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

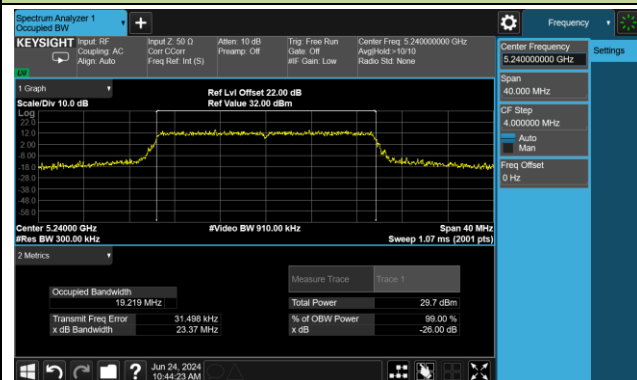
Channel 36 (5180MHz)



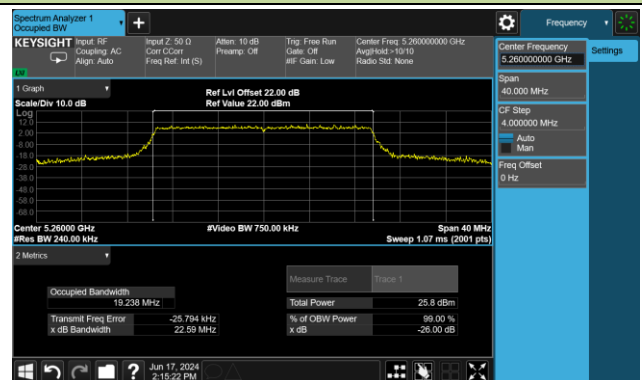
Channel 44 (5220MHz)



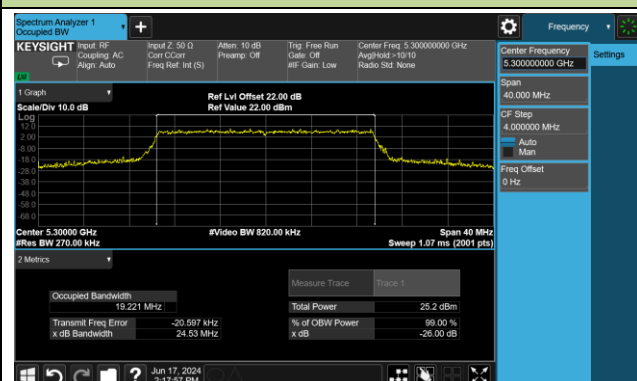
Channel 48 (5240MHz)



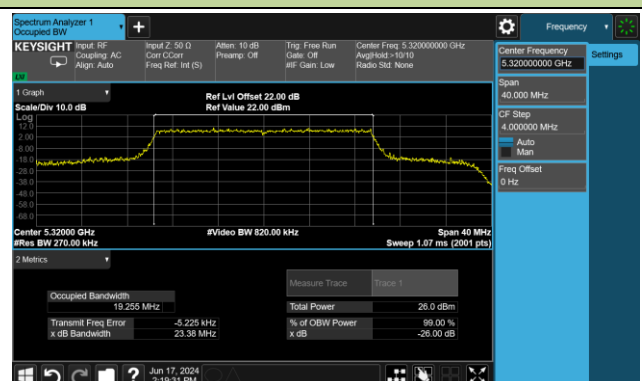
Channel 52 (5260MHz)



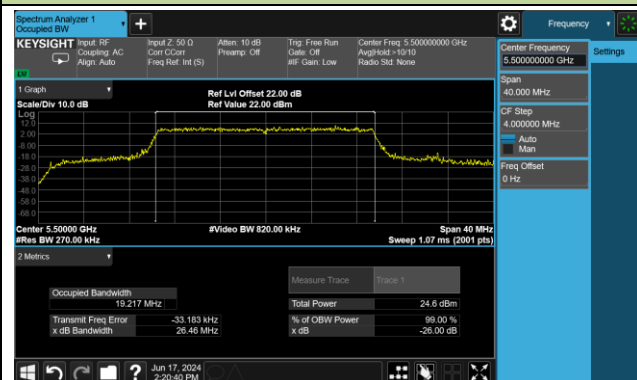
Channel 60 (5300MHz)



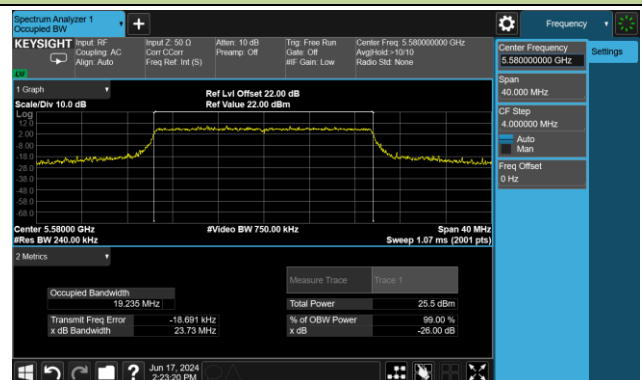
Channel 64 (5320MHz)



Channel 100 (5500MHz)

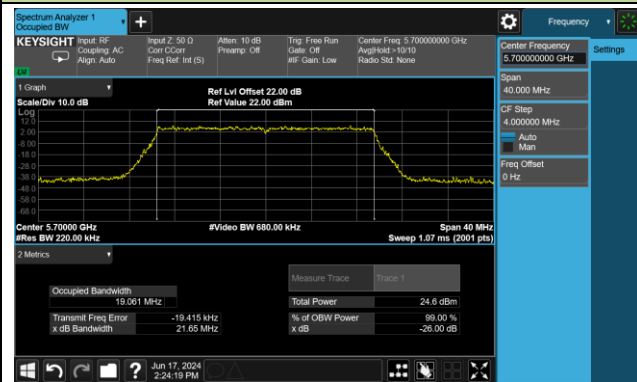


Channel 116 (5580MHz)

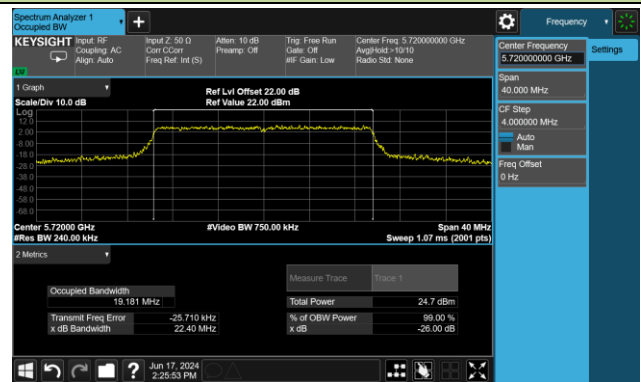


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

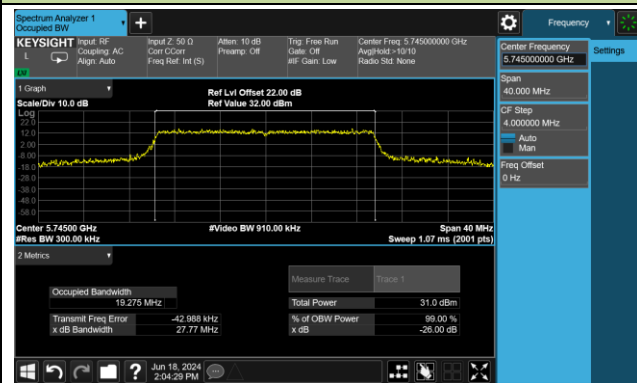
Channel 140 (5700MHz)



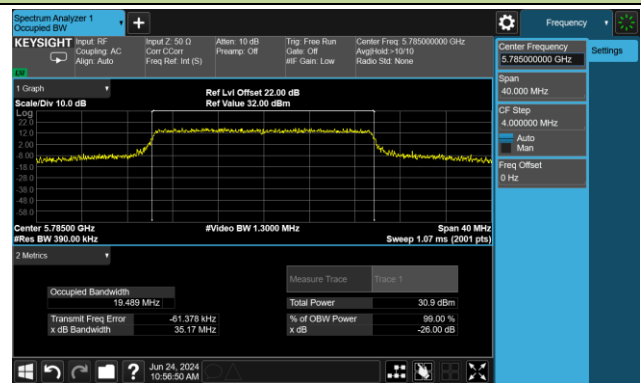
Channel 144 (5720MHz)



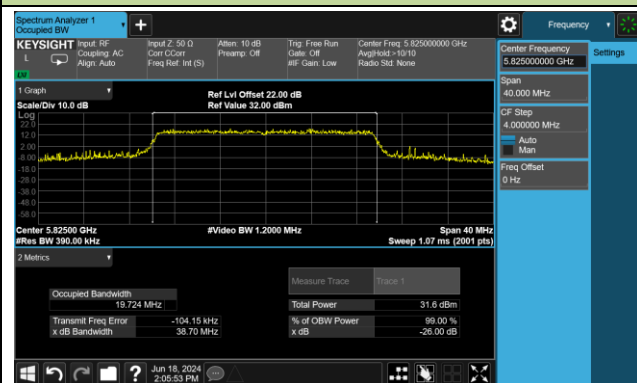
Channel 149 (5745MHz)



Channel 157 (5785MHz)

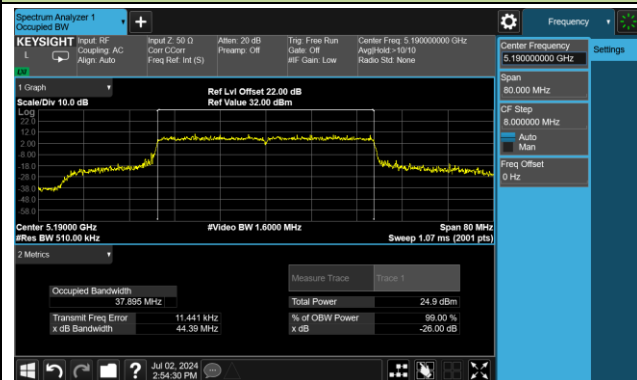


Channel 165 (5825MHz)

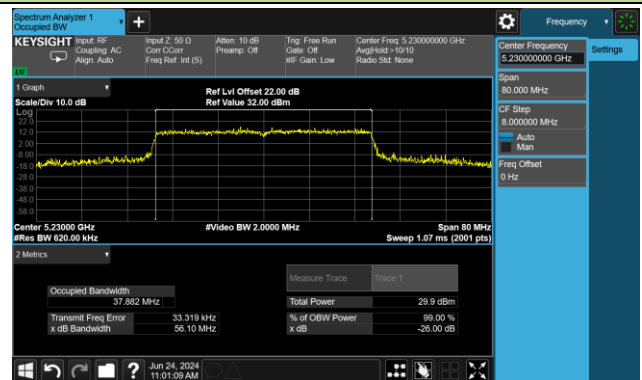


802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

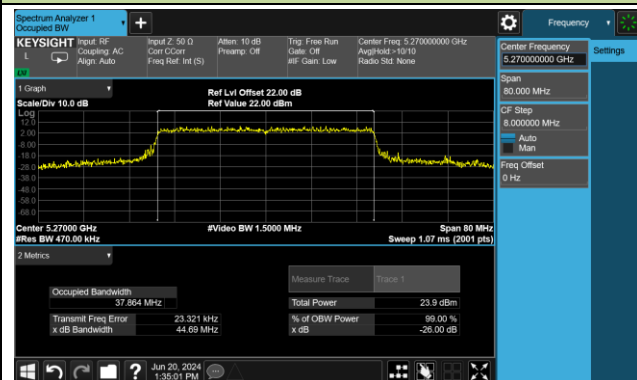
Channel 38 (5190MHz)



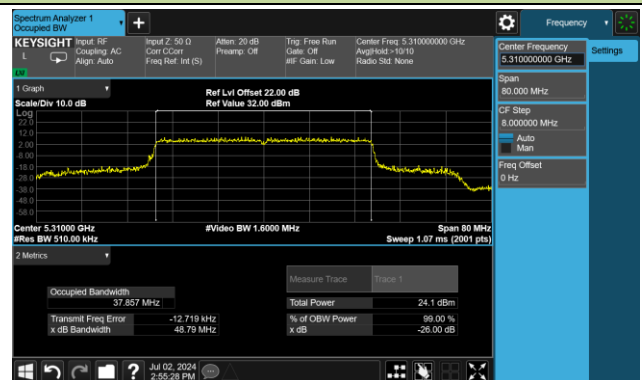
Channel 46 (5230MHz)



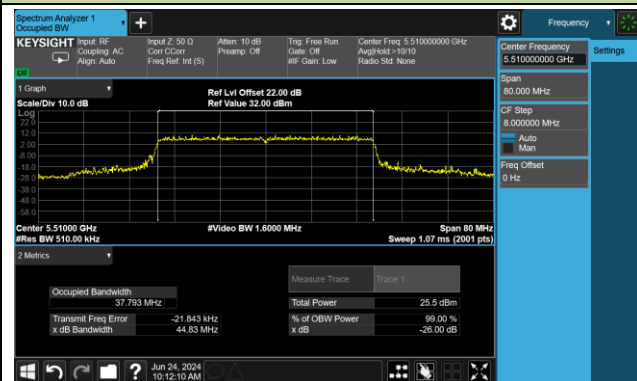
Channel 54 (5270MHz)



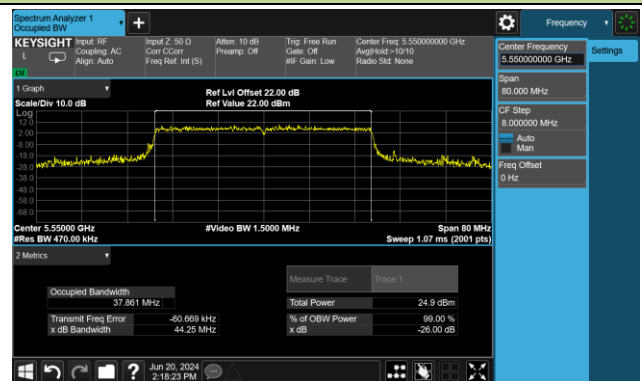
Channel 62 (5310MHz)



Channel 102 (5510MHz)



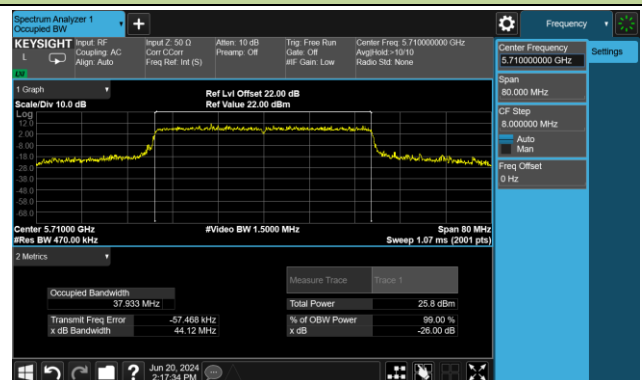
Channel 110 (5550MHz)

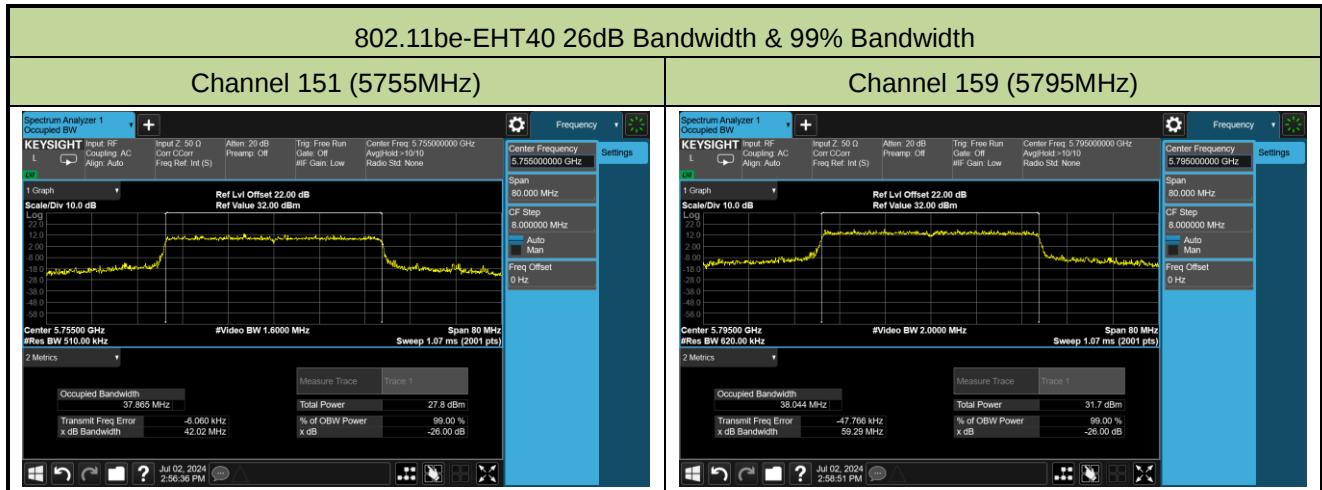


Channel 134 (5670MHz)



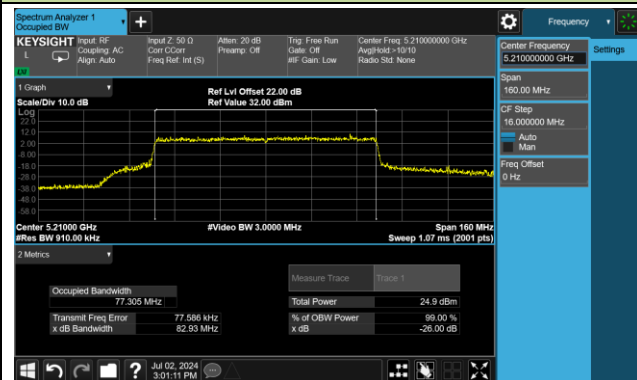
Channel 142 (5710MHz)



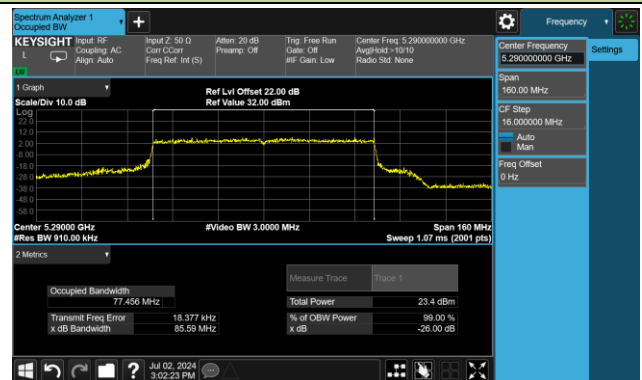


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

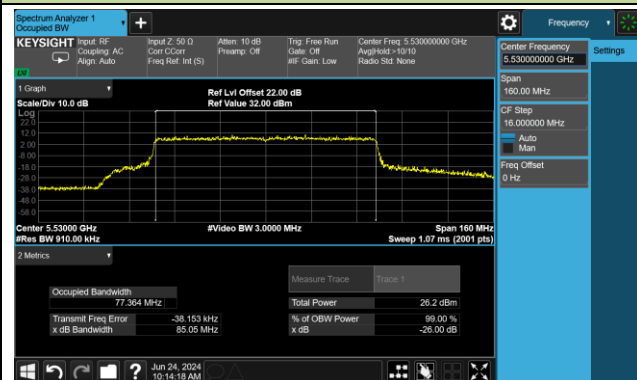
Channel 42 (5210MHz)



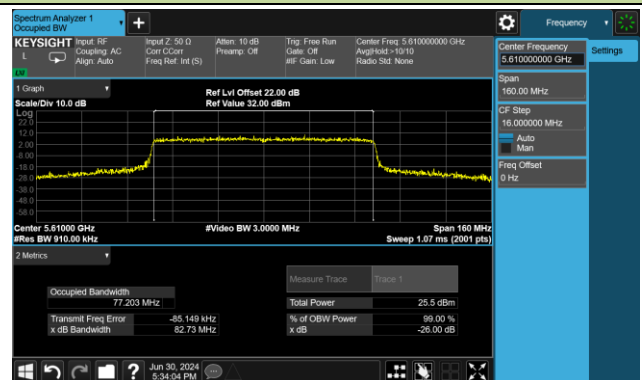
Channel 58 (5290MHz)



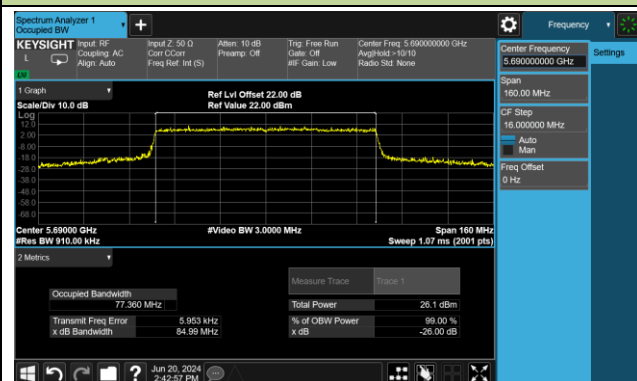
Channel 106 (5530MHz)



Channel 122 (5610MHz)

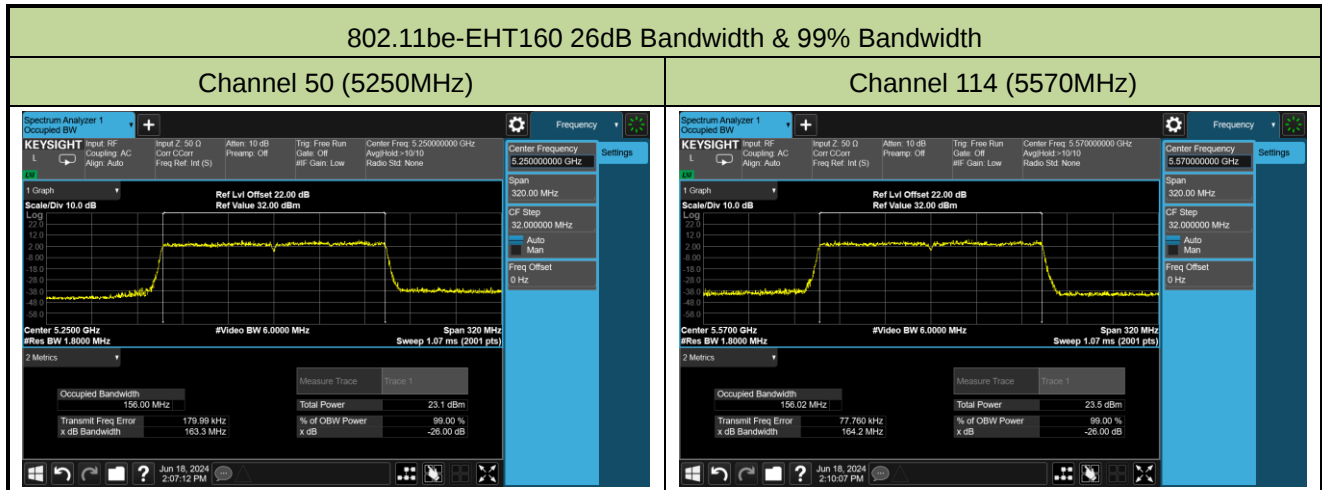


Channel 138 (5690MHz)



Channel 155 (5775MHz)





A.3 6dB Bandwidth Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-07-02		

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	16.35	≥ 0.5
11ac-VHT20	MCS0	149	5745	17.64	≥ 0.5
11ac-VHT20	MCS0	157	5785	17.58	≥ 0.5
11ac-VHT20	MCS0	165	5825	17.60	≥ 0.5
11ac-VHT40	MCS0	151	5755	36.40	≥ 0.5
11ac-VHT40	MCS0	159	5795	36.38	≥ 0.5
11ac-VHT80	MCS0	155	5775	75.52	≥ 0.5
11ax-HE20	MCS0	149	5745	19.03	≥ 0.5
11ax-HE20	MCS0	157	5785	18.76	≥ 0.5
11ax-HE20	MCS0	165	5825	18.92	≥ 0.5
11ax-HE40	MCS0	151	5755	37.88	≥ 0.5
11ax-HE40	MCS0	159	5795	37.72	≥ 0.5
11ax-HE80	MCS0	155	5775	77.14	≥ 0.5
11be-EHT20	MCS0	149	5745	18.99	≥ 0.5
11be-EHT20	MCS0	157	5785	18.97	≥ 0.5
11be-EHT20	MCS0	165	5825	18.62	≥ 0.5
11be-EHT40	MCS0	151	5755	37.69	≥ 0.5
11be-EHT40	MCS0	159	5795	37.63	≥ 0.5
11be-EHT80	MCS0	155	5775	75.79	≥ 0.5

802.11a 6dB Bandwidth

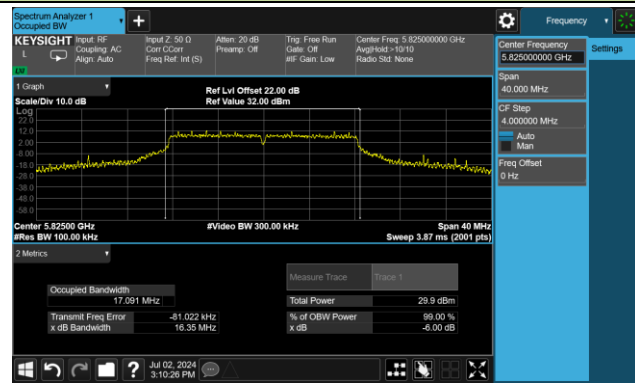
Channel 149 (5745MHz)



Channel 157 (5785MHz)

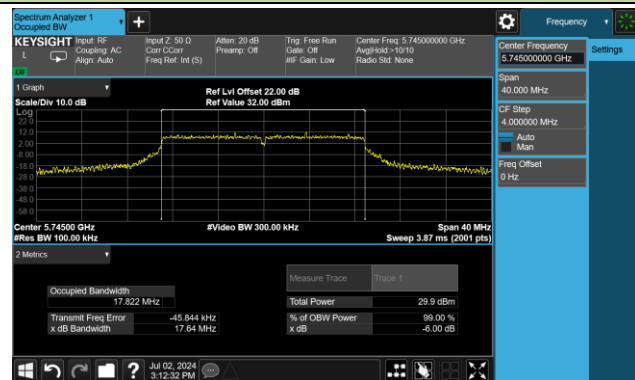


Channel 165 (5825MHz)

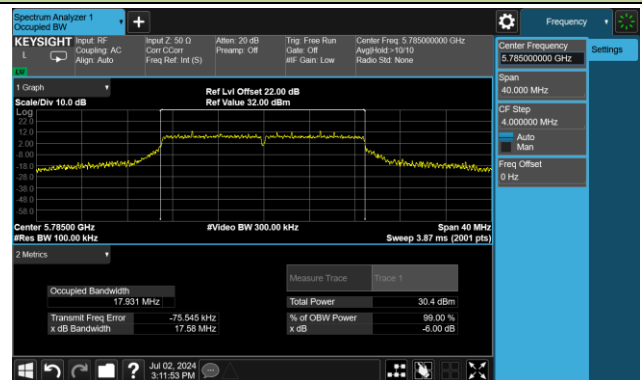


802.11ac-VHT20 6dB Bandwidth

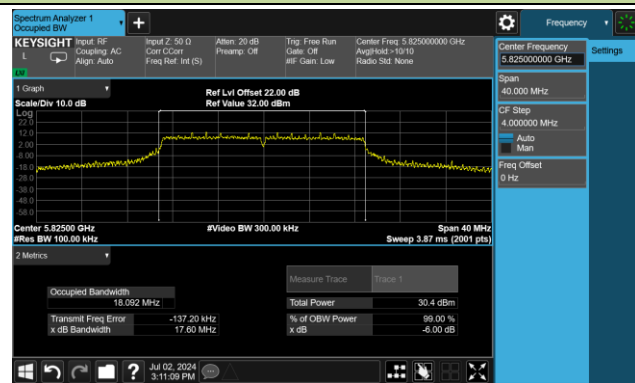
Channel 149 (5745MHz)



Channel 157 (5785MHz)

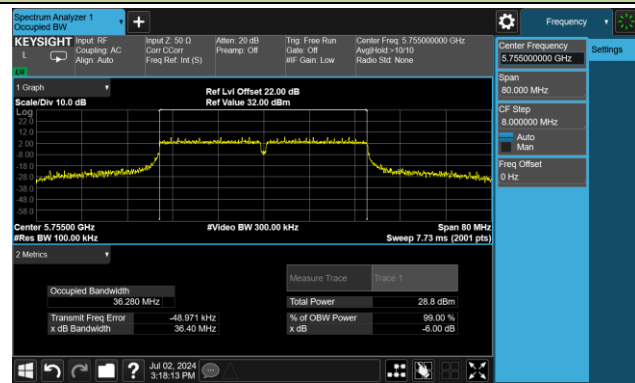


Channel 165 (5825MHz)

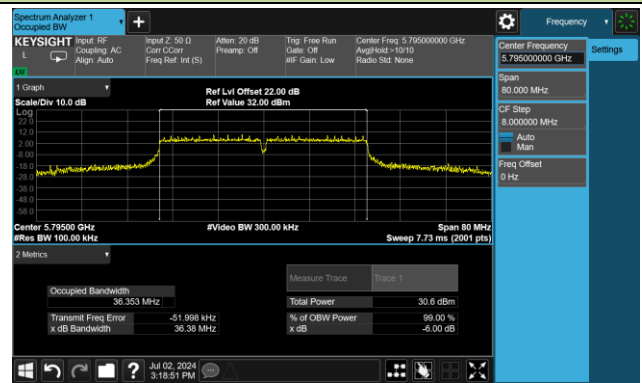


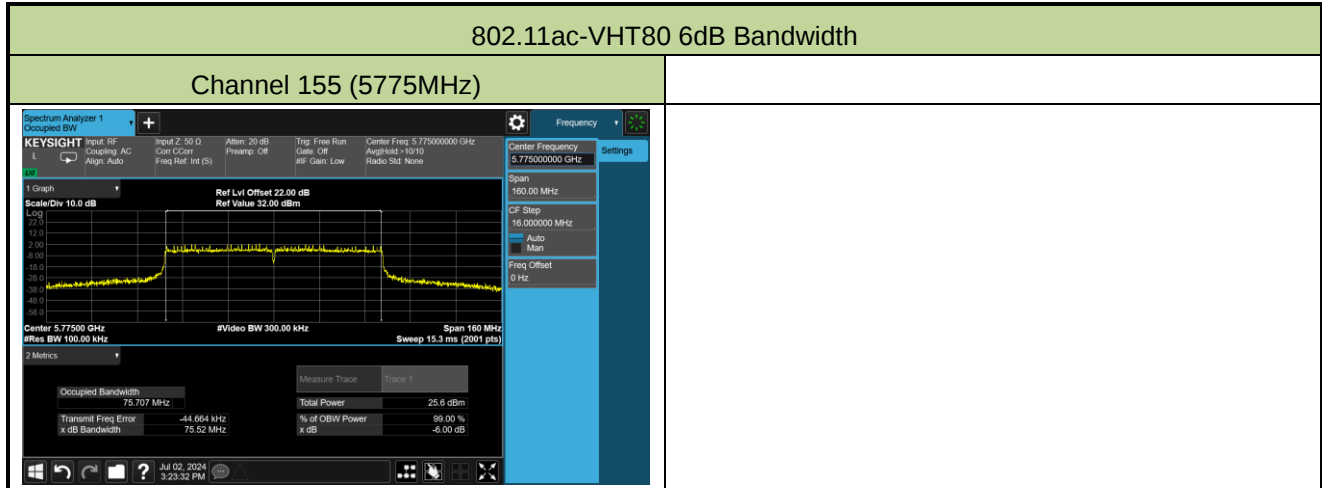
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



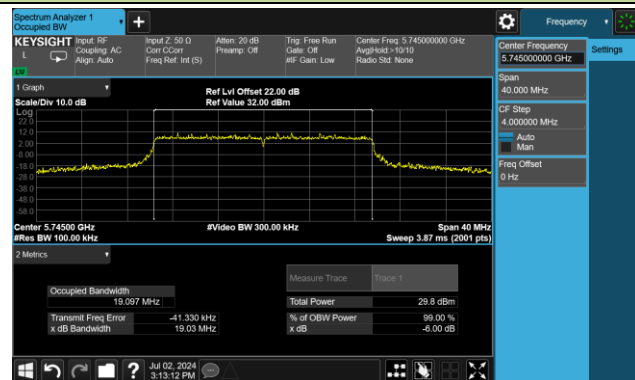
Channel 159 (5795MHz)



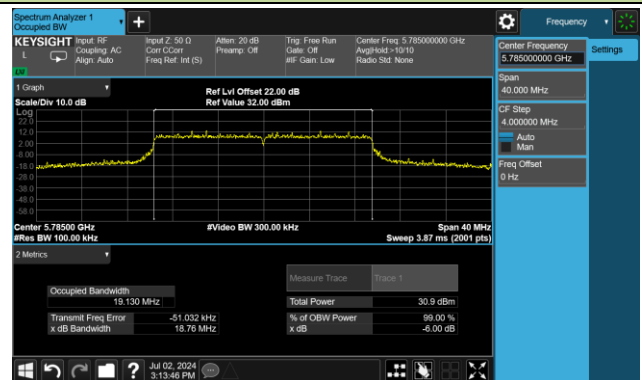


802.11ax-HE20 6dB Bandwidth

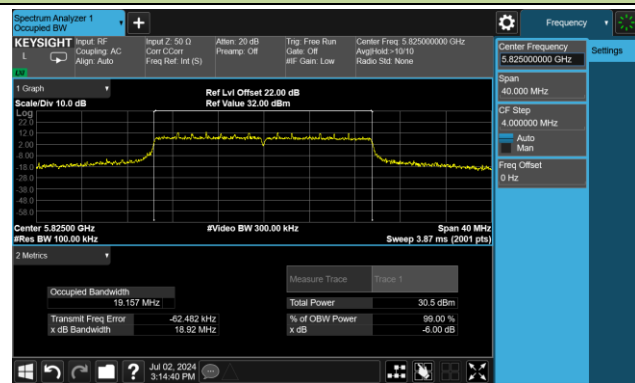
Channel 149 (5745MHz)



Channel 157 (5785MHz)

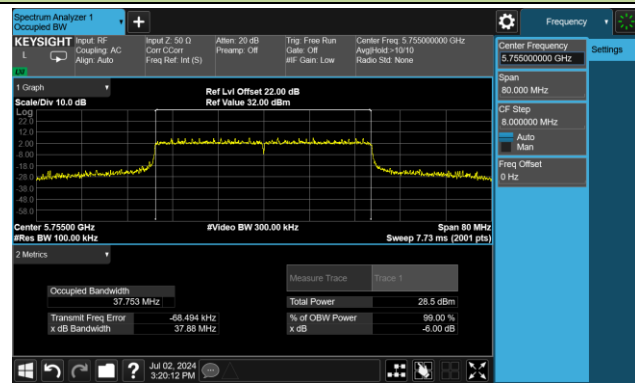


Channel 165 (5825MHz)

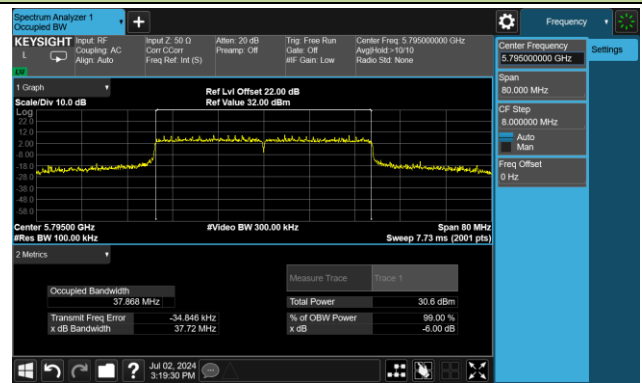


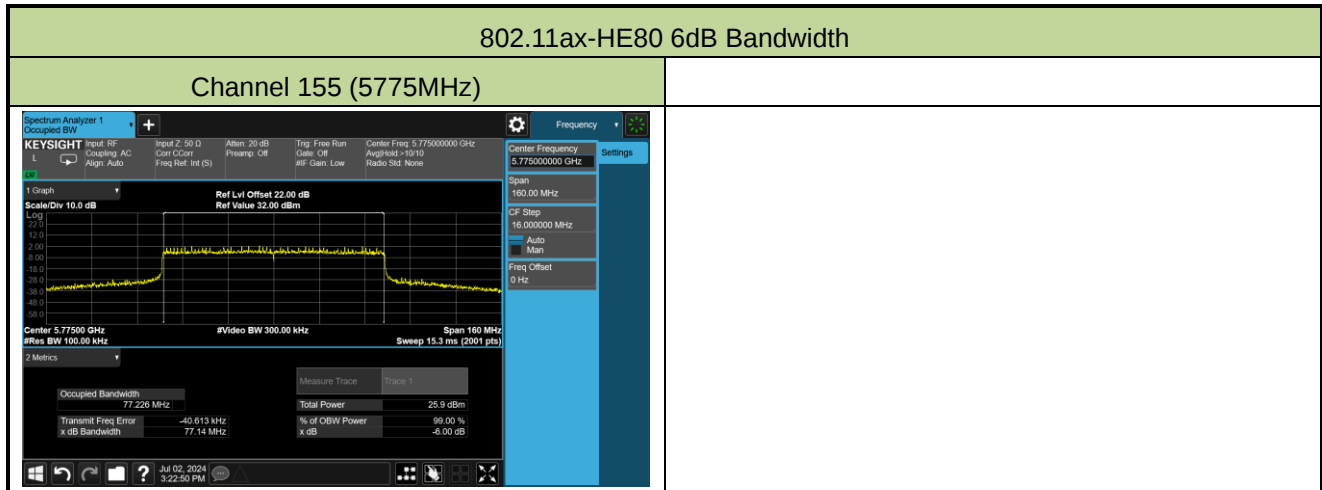
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



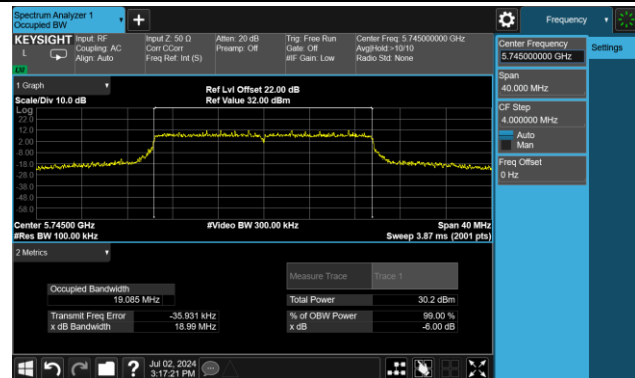
Channel 159 (5795MHz)



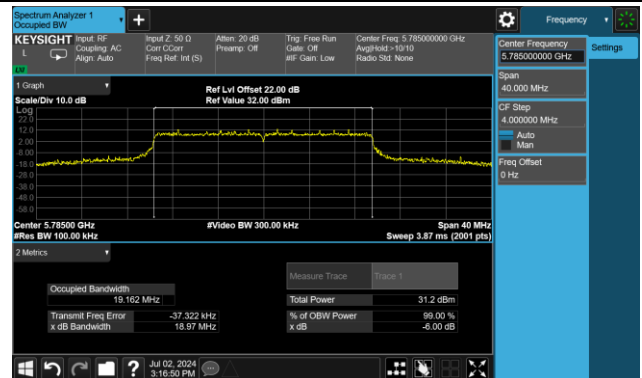


802.11be-EHT20 6dB Bandwidth

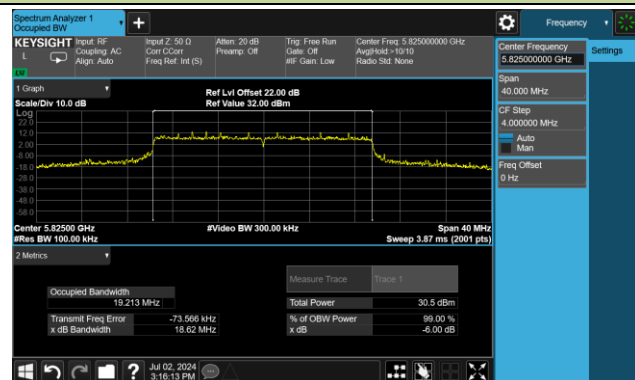
Channel 149 (5745MHz)



Channel 157 (5785MHz)

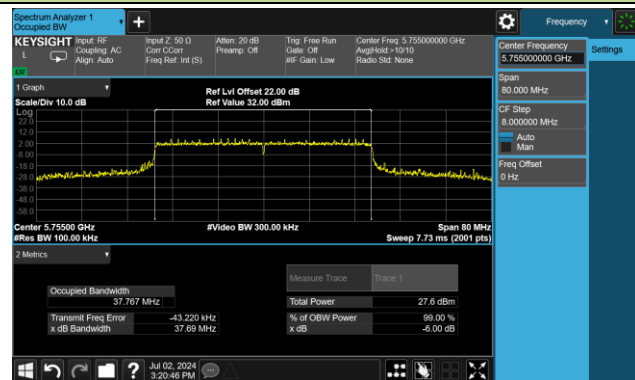


Channel 165 (5825MHz)

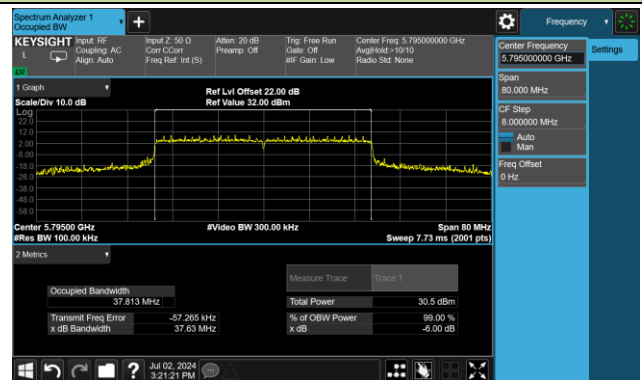


802.11be-EHT40 6dB Bandwidth

Channel 151 (5755MHz)

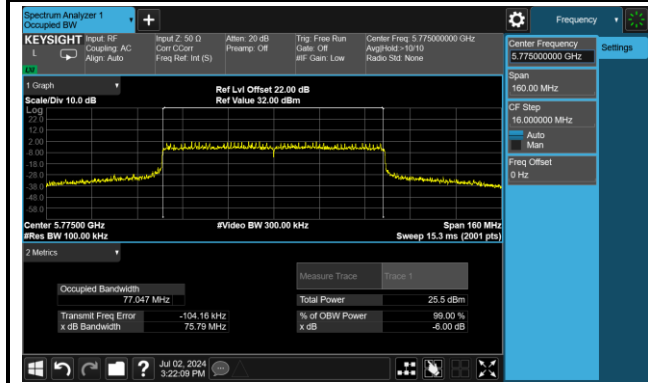


Channel 159 (5795MHz)



802.11be-EHT80 6dB Bandwidth

Channel 155 (5775MHz)



A.4 Output Power Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-06-18	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	19.04	18.64	18.63	19.47	24.98	≤ 30.00
11a	6Mbps	44	5220	22.90	22.82	22.96	23.85	29.17	≤ 30.00
11a	6Mbps	48	5240	22.69	23.06	22.86	23.42	29.04	≤ 30.00
11a	6Mbps	52	5260	16.35	17.42	17.36	16.67	22.99	≤ 23.98
11a	6Mbps	60	5300	16.92	17.06	16.97	16.22	22.83	≤ 23.98
11a	6Mbps	64	5320	16.59	17.15	17.25	16.12	22.82	≤ 23.98
11a	6Mbps	100	5500	16.15	17.16	16.73	17.57	22.95	≤ 23.98
11a	6Mbps	116	5580	15.54	16.96	16.56	16.71	22.50	≤ 23.98
11a	6Mbps	140	5700	17.67	16.93	16.76	16.65	23.04	≤ 23.98
11a	6Mbps	144	5720	17.34	16.77	17.06	16.44	22.94	≤ 23.08
11a	6Mbps	149	5745	23.30	24.23	23.87	24.00	29.88	≤ 30.00
11a	6Mbps	157	5785	23.25	24.21	24.17	23.77	29.89	≤ 30.00
11a	6Mbps	165	5825	23.75	23.92	23.63	23.02	29.61	≤ 30.00
11ac-VHT20	MCS0	36	5180	18.98	19.39	18.67	19.94	25.29	≤ 30.00
11ac-VHT20	MCS0	44	5220	23.32	23.02	23.18	23.94	29.40	≤ 30.00
11ac-VHT20	MCS0	48	5240	22.62	23.04	22.82	23.81	29.12	≤ 30.00
11ac-VHT20	MCS0	52	5260	16.22	17.62	17.65	16.63	23.09	≤ 23.98
11ac-VHT20	MCS0	60	5300	16.49	17.30	17.47	16.19	22.92	≤ 23.98
11ac-VHT20	MCS0	64	5320	16.97	17.61	17.55	16.42	23.18	≤ 23.98
11ac-VHT20	MCS0	100	5500	16.52	17.39	17.45	17.89	23.36	≤ 23.98
11ac-VHT20	MCS0	116	5580	16.55	17.31	17.33	17.53	23.22	≤ 23.98
11ac-VHT20	MCS0	140	5700	17.04	16.12	16.04	16.27	22.41	≤ 23.98
11ac-VHT20	MCS0	144	5720	17.55	17.17	17.51	16.62	23.25	≤ 23.31
11ac-VHT20	MCS0	149	5745	23.37	24.18	23.92	24.02	29.90	≤ 30.00
11ac-VHT20	MCS0	157	5785	23.22	24.37	24.19	23.55	29.88	≤ 30.00
11ac-VHT20	MCS0	165	5825	23.84	24.06	23.88	23.16	29.77	≤ 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	17.05	17.04	17.48	17.69	23.34	≤ 30.00
11ac-VHT40	MCS0	46	5230	23.21	23.67	23.45	24.53	29.76	≤ 30.00
11ac-VHT40	MCS0	54	5270	17.15	18.44	18.47	17.08	23.86	≤ 23.98
11ac-VHT40	MCS0	62	5310	16.47	16.32	16.41	15.09	22.13	≤ 23.98
11ac-VHT40	MCS0	102	5510	16.52	16.71	17.36	16.87	22.90	≤ 23.98
11ac-VHT40	MCS0	110	5550	17.32	18.25	18.05	17.41	23.80	≤ 23.98
11ac-VHT40	MCS0	134	5670	18.02	17.89	17.63	17.44	23.77	≤ 23.98
11ac-VHT40	MCS0	142	5710	18.22	17.24	17.78	17.25	23.66	≤ 23.98
11ac-VHT40	MCS0	151	5755	22.18	22.72	22.34	22.68	28.51	≤ 30.00
11ac-VHT40	MCS0	159	5795	23.72	24.02	23.97	23.80	29.90	≤ 30.00
11ac-VHT80	MCS0	42	5210	15.78	15.86	16.48	17.04	22.34	≤ 30.00
11ac-VHT80	MCS0	58	5290	15.36	15.36	15.47	14.22	21.15	≤ 23.98
11ac-VHT80	MCS0	106	5530	14.32	14.75	14.85	15.06	20.77	≤ 23.98
11ac-VHT80	MCS0	122	5610	18.25	17.63	17.54	17.10	23.67	≤ 23.98
11ac-VHT80	MCS0	138	5690	18.11	17.70	17.81	17.12	23.72	≤ 23.98
11ac-VHT80	MCS0	155	5775	18.92	19.22	19.05	18.87	25.04	≤ 30.00
11ac-VHT160	MCS0	50	5250	14.62	14.54	15.43	14.32	20.77	≤ 23.98
11ac-VHT160	MCS0	114	5570	15.62	15.82	15.41	15.72	21.67	≤ 23.98
11ax-HE20	MCS0	36	5180	18.06	17.49	18.23	18.67	24.15	≤ 30.00
11ax-HE20	MCS0	44	5220	23.46	23.28	23.41	24.03	29.58	≤ 30.00
11ax-HE20	MCS0	48	5240	22.49	23.05	22.53	23.64	28.97	≤ 30.00
11ax-HE20	MCS0	52	5260	16.39	17.85	17.67	16.80	23.24	≤ 23.98
11ax-HE20	MCS0	60	5300	16.71	17.42	17.79	16.40	23.14	≤ 23.98
11ax-HE20	MCS0	64	5320	17.22	17.86	17.88	16.67	23.46	≤ 23.98
11ax-HE20	MCS0	100	5500	16.97	17.51	17.48	18.16	23.57	≤ 23.98
11ax-HE20	MCS0	116	5580	16.96	17.62	17.63	17.82	23.54	≤ 23.98
11ax-HE20	MCS0	140	5700	16.89	15.94	15.94	15.89	22.21	≤ 23.98
11ax-HE20	MCS0	144	5720	17.35	16.96	17.16	16.54	23.03	≤ 23.06
11ax-HE20	MCS0	149	5745	23.35	24.15	23.71	23.84	29.79	≤ 30.00
11ax-HE20	MCS0	157	5785	23.12	24.29	24.27	23.93	29.95	≤ 30.00
11ax-HE20	MCS0	165	5825	24.18	24.07	23.82	23.23	29.86	≤ 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	17.84	17.92	18.04	18.63	24.14	≤ 30.00
11ax-HE40	MCS0	46	5230	23.15	23.76	23.69	24.62	29.86	≤ 30.00
11ax-HE40	MCS0	54	5270	17.10	18.15	18.26	16.86	23.66	≤ 23.98
11ax-HE40	MCS0	62	5310	16.29	16.69	16.46	15.28	22.23	≤ 23.98
11ax-HE40	MCS0	102	5510	15.89	16.46	16.93	16.38	22.45	≤ 23.98
11ax-HE40	MCS0	110	5550	17.40	17.94	18.17	17.63	23.82	≤ 23.98
11ax-HE40	MCS0	134	5670	17.89	17.12	17.15	16.56	23.23	≤ 23.98
11ax-HE40	MCS0	142	5710	18.37	17.39	17.83	17.31	23.77	≤ 23.98
11ax-HE40	MCS0	151	5755	21.83	22.23	21.90	22.09	28.04	≤ 30.00
11ax-HE40	MCS0	159	5795	23.68	24.11	23.91	23.59	29.85	≤ 30.00
11ax-HE80	MCS0	42	5210	17.33	18.81	17.37	18.16	23.98	≤ 30.00
11ax-HE80	MCS0	58	5290	16.02	16.57	16.41	15.30	22.12	≤ 23.98
11ax-HE80	MCS0	106	5530	15.35	15.70	15.62	15.85	21.65	≤ 23.98
11ax-HE80	MCS0	122	5610	18.25	17.36	18.13	17.35	23.81	≤ 23.98
11ax-HE80	MCS0	138	5690	18.08	17.73	17.78	17.04	23.69	≤ 23.98
11ax-HE80	MCS0	155	5775	19.08	19.40	19.11	19.06	25.19	≤ 30.00
11ax-HE160	MCS0	50	5250	15.85	16.64	16.43	15.62	22.18	≤ 23.98
11ax-HE160	MCS0	114	5570	16.01	16.24	15.84	16.25	22.11	≤ 23.98
11be-EHT20	MCS0	36	5180	18.93	18.91	19.20	19.39	25.13	≤ 30.00
11be-EHT20	MCS0	44	5220	23.07	23.42	23.16	24.30	29.54	≤ 30.00
11be-EHT20	MCS0	48	5240	23.14	23.33	23.52	23.93	29.51	≤ 30.00
11be-EHT20	MCS0	52	5260	16.51	17.58	17.86	16.77	23.24	≤ 23.98
11be-EHT20	MCS0	60	5300	16.65	17.57	17.91	16.60	23.24	≤ 23.98
11be-EHT20	MCS0	64	5320	17.34	17.74	18.03	16.58	23.48	≤ 23.98
11be-EHT20	MCS0	100	5500	16.67	17.47	17.41	18.12	23.47	≤ 23.98
11be-EHT20	MCS0	116	5580	16.89	17.52	17.68	17.76	23.50	≤ 23.98
11be-EHT20	MCS0	140	5700	17.95	16.61	16.51	16.72	23.01	≤ 23.98
11be-EHT20	MCS0	144	5720	17.27	16.85	17.09	16.49	22.96	≤ 23.10
11be-EHT20	MCS0	149	5745	23.14	24.03	23.87	24.11	29.82	≤ 30.00
11be-EHT20	MCS0	157	5785	23.20	24.38	24.10	23.79	29.91	≤ 30.00
11be-EHT20	MCS0	165	5825	23.68	23.97	23.91	23.52	29.79	≤ 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	18.21	18.05	18.10	18.89	24.35	≤ 30.00
11be-EHT40	MCS0	46	5230	23.10	23.50	23.68	24.54	29.76	≤ 30.00
11be-EHT40	MCS0	54	5270	17.16	18.32	18.24	17.12	23.77	≤ 23.98
11be-EHT40	MCS0	62	5310	16.56	16.75	16.65	15.32	22.38	≤ 23.98
11be-EHT40	MCS0	102	5510	16.49	16.93	17.59	17.05	23.05	≤ 23.98
11be-EHT40	MCS0	110	5550	17.23	17.93	18.02	17.36	23.67	≤ 23.98
11be-EHT40	MCS0	134	5670	17.20	17.09	16.75	16.42	22.90	≤ 23.98
11be-EHT40	MCS0	142	5710	18.17	17.44	17.93	17.46	23.78	≤ 23.98
11be-EHT40	MCS0	151	5755	20.91	21.32	21.02	21.14	27.12	≤ 30.00
11be-EHT40	MCS0	159	5795	23.67	24.17	23.86	23.58	29.85	≤ 30.00
11be-EHT80	MCS0	42	5210	17.10	17.65	17.57	18.36	23.71	≤ 30.00
11be-EHT80	MCS0	58	5290	15.51	16.29	15.73	15.16	21.71	≤ 23.98
11be-EHT80	MCS0	106	5530	15.38	16.50	15.51	16.47	22.02	≤ 23.98
11be-EHT80	MCS0	122	5610	17.48	16.71	17.21	16.37	22.98	≤ 23.98
11be-EHT80	MCS0	138	5690	17.94	17.75	17.58	16.97	23.60	≤ 23.98
11be-EHT80	MCS0	155	5775	18.45	18.62	18.47	17.96	24.40	≤ 30.00
11be-EHT160	MCS0	50	5250	17.02	17.04	16.74	16.07	22.76	≤ 23.98
11be-EHT160	MCS0	114	5570	17.46	17.52	17.19	17.50	23.44	≤ 23.98

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

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	Ryan Wang
Test Date	2024-06-16 ~ 2024-07-05		
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	6.824	6.522	6.727	7.355	94.50	13.134	≤ 17.00
11a	6Mbps	44	5220	10.026	10.433	10.217	11.692	94.50	16.909	≤ 17.00
11a	6Mbps	48	5240	9.691	9.914	9.603	11.947	94.50	16.670	≤ 17.00
11a	6Mbps	52	5260	3.643	5.464	5.259	4.039	94.50	10.936	≤ 11.00
11a	6Mbps	60	5300	4.488	5.283	5.250	3.573	94.50	10.969	≤ 11.00
11a	6Mbps	64	5320	4.806	5.173	4.886	3.555	94.50	10.914	≤ 11.00
11a	6Mbps	100	5500	3.993	4.472	4.539	5.320	94.50	10.874	≤ 11.00
11a	6Mbps	116	5580	3.903	4.924	4.705	5.126	94.50	10.955	≤ 11.00
11a	6Mbps	140	5700	5.574	4.798	4.696	3.572	94.50	10.984	≤ 11.00
11a	6Mbps	144	5720	5.319	4.459	4.889	4.014	94.50	10.964	≤ 11.00
11ac-VHT20	MCS0	36	5180	6.529	5.814	6.294	7.508	98.07	12.602	≤ 17.00
11ac-VHT20	MCS0	44	5220	9.908	10.578	10.150	12.055	98.07	16.778	≤ 17.00
11ac-VHT20	MCS0	48	5240	9.673	10.743	10.338	12.149	98.07	16.844	≤ 17.00
11ac-VHT20	MCS0	52	5260	3.664	5.487	5.285	3.858	98.07	10.671	≤ 11.00
11ac-VHT20	MCS0	60	5300	4.484	5.315	5.399	3.501	98.07	10.761	≤ 11.00
11ac-VHT20	MCS0	64	5320	4.914	5.311	5.525	3.208	98.07	10.849	≤ 11.00
11ac-VHT20	MCS0	100	5500	3.907	4.685	4.765	5.359	98.07	10.730	≤ 11.00
11ac-VHT20	MCS0	116	5580	4.018	4.869	4.929	5.200	98.07	10.796	≤ 11.00
11ac-VHT20	MCS0	140	5700	4.989	3.670	3.772	2.728	98.07	9.886	≤ 11.00
11ac-VHT20	MCS0	144	5720	5.252	4.405	5.232	3.968	98.07	10.769	≤ 11.00
11ac-VHT40	MCS0	38	5190	1.617	1.410	1.821	2.573	96.14	8.070	≤ 17.00
11ac-VHT40	MCS0	46	5230	7.617	8.244	7.986	9.089	96.14	14.460	≤ 17.00
11ac-VHT40	MCS0	54	5270	2.184	3.402	3.158	1.884	96.14	8.895	≤ 11.00
11ac-VHT40	MCS0	62	5310	1.135	1.039	1.639	-0.185	96.14	7.148	≤ 11.00
11ac-VHT40	MCS0	102	5510	1.048	1.357	2.062	1.870	96.14	7.794	≤ 11.00
11ac-VHT40	MCS0	110	5550	1.960	3.061	2.867	2.292	96.14	8.759	≤ 11.00
11ac-VHT40	MCS0	134	5670	2.544	1.371	1.559	1.011	96.14	7.851	≤ 11.00
11ac-VHT40	MCS0	142	5710	3.009	2.259	2.846	2.047	96.14	8.750	≤ 11.00

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	-2.442	-1.874	-1.622	-1.322	92.91	4.544	≤ 17.00
11ac-VHT80	MCS0	58	5290	-2.928	-2.539	-2.205	-4.075	92.91	3.458	≤ 11.00
11ac-VHT80	MCS0	106	5530	-4.036	-3.232	-2.885	-2.745	92.91	3.143	≤ 11.00
11ac-VHT80	MCS0	122	5610	0.094	-0.612	-0.141	-1.009	92.91	5.944	≤ 11.00
11ac-VHT80	MCS0	138	5690	-0.076	-0.830	-0.535	-1.384	92.91	5.660	≤ 11.00
11ac-VHT160	MCS0	50	5250	-6.480	-5.872	-5.461	-6.797	87.96	0.456	≤ 11.00
11ac-VHT160	MCS0	114	5570	-5.779	-5.544	-6.064	-5.782	87.96	0.789	≤ 11.00
11ax-HE20	MCS0	36	5180	5.322	4.606	5.212	6.278	97.51	11.527	≤ 17.00
11ax-HE20	MCS0	44	5220	9.993	10.673	10.513	11.611	97.51	16.868	≤ 17.00
11ax-HE20	MCS0	48	5240	9.715	10.706	10.331	12.042	97.51	16.915	≤ 17.00
11ax-HE20	MCS0	52	5260	3.750	5.327	5.336	4.004	97.51	10.796	≤ 11.00
11ax-HE20	MCS0	60	5300	4.203	5.182	5.308	3.504	97.51	10.741	≤ 11.00
11ax-HE20	MCS0	64	5320	4.922	5.340	5.459	3.407	97.51	10.984	≤ 11.00
11ax-HE20	MCS0	100	5500	3.600	4.764	4.858	5.192	97.51	10.773	≤ 11.00
11ax-HE20	MCS0	116	5580	3.886	4.973	4.781	5.123	97.51	10.846	≤ 11.00
11ax-HE20	MCS0	140	5700	4.452	3.129	3.217	2.506	97.51	9.515	≤ 11.00
11ax-HE20	MCS0	144	5720	4.727	4.349	4.421	3.701	97.51	10.445	≤ 11.00
11ax-HE40	MCS0	38	5190	2.384	2.467	2.661	3.181	95.69	8.896	≤ 17.00
11ax-HE40	MCS0	46	5230	7.879	8.120	8.203	8.981	95.69	14.528	≤ 17.00
11ax-HE40	MCS0	54	5270	1.732	2.638	2.651	1.274	95.69	8.326	≤ 11.00
11ax-HE40	MCS0	62	5310	0.788	1.605	1.215	-0.604	95.69	7.039	≤ 11.00
11ax-HE40	MCS0	102	5510	0.148	0.758	1.333	0.756	95.69	6.981	≤ 11.00
11ax-HE40	MCS0	110	5550	1.505	2.520	2.747	2.172	95.69	8.473	≤ 11.00
11ax-HE40	MCS0	134	5670	1.522	-0.124	0.696	-0.237	95.69	6.735	≤ 11.00
11ax-HE40	MCS0	142	5710	3.033	2.084	2.339	1.773	95.69	8.544	≤ 11.00
11ax-HE80	MCS0	42	5210	-1.420	-0.789	-0.914	-0.209	92.01	5.571	≤ 17.00
11ax-HE80	MCS0	58	5290	-2.594	-1.088	-2.095	-3.357	92.01	4.178	≤ 11.00
11ax-HE80	MCS0	106	5530	-4.081	-3.380	-2.964	-2.658	92.01	3.144	≤ 11.00
11ax-HE80	MCS0	122	5610	-0.071	-0.682	-0.322	-0.965	92.01	5.886	≤ 11.00
11ax-HE80	MCS0	138	5690	0.091	-0.623	-0.691	-1.553	92.01	5.727	≤ 11.00
11ax-HE160	MCS0	50	5250	-4.986	-3.912	-4.341	-5.075	87.46	2.051	≤ 11.00
11ax-HE160	MCS0	114	5570	-5.133	-5.224	-4.816	-5.151	87.46	1.524	≤ 11.00

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	5.778	5.748	5.926	5.947	97.52	11.980	≤ 17.00
11be-EHT20	MCS0	44	5220	10.167	10.672	10.382	11.839	97.52	16.945	≤ 17.00
11be-EHT20	MCS0	48	5240	9.997	10.417	10.282	11.887	97.52	16.841	≤ 17.00
11be-EHT20	MCS0	52	5260	4.003	5.139	5.398	4.478	97.52	10.918	≤ 11.00
11be-EHT20	MCS0	60	5300	4.291	5.382	5.111	3.366	97.52	10.736	≤ 11.00
11be-EHT20	MCS0	64	5320	4.899	5.329	5.433	3.212	97.52	10.933	≤ 11.00
11be-EHT20	MCS0	100	5500	3.660	4.845	4.647	5.152	97.52	10.740	≤ 11.00
11be-EHT20	MCS0	116	5580	4.010	5.032	4.654	5.059	97.52	10.839	≤ 11.00
11be-EHT20	MCS0	140	5700	5.068	3.932	3.791	3.003	97.52	10.142	≤ 11.00
11be-EHT20	MCS0	144	5720	4.788	4.342	4.619	3.691	97.52	10.509	≤ 11.00
11be-EHT40	MCS0	38	5190	2.572	2.514	2.584	3.249	95.63	8.955	≤ 17.00
11be-EHT40	MCS0	46	5230	7.965	8.495	8.440	9.324	95.63	14.799	≤ 17.00
11be-EHT40	MCS0	54	5270	1.835	3.025	3.033	1.394	95.63	8.596	≤ 11.00
11be-EHT40	MCS0	62	5310	0.678	1.712	1.331	-0.430	95.63	7.111	≤ 11.00
11be-EHT40	MCS0	102	5510	0.908	1.458	2.353	1.406	95.63	7.778	≤ 11.00
11be-EHT40	MCS0	110	5550	1.803	2.500	2.776	2.163	95.63	8.540	≤ 11.00
11be-EHT40	MCS0	134	5670	1.555	0.103	0.549	-0.016	95.63	6.808	≤ 11.00
11be-EHT40	MCS0	142	5710	2.874	2.082	2.379	1.976	95.63	8.557	≤ 11.00
11be-EHT80	MCS0	42	5210	-1.168	-0.496	-0.683	0.175	92.10	5.862	≤ 17.00
11be-EHT80	MCS0	58	5290	-3.226	-1.921	-2.381	-3.732	92.10	3.620	≤ 11.00
11be-EHT80	MCS0	106	5530	-4.178	-3.216	-2.927	-2.859	92.10	3.114	≤ 11.00
11be-EHT80	MCS0	122	5610	-0.288	-0.899	-0.481	-1.391	92.10	5.634	≤ 11.00
11be-EHT80	MCS0	138	5690	0.051	-0.505	-0.937	-1.508	92.10	5.691	≤ 11.00
11be-EHT160	MCS0	50	5250	-5.318	-3.675	-4.683	-5.936	87.43	1.783	≤ 11.00
11be-EHT160	MCS0	114	5570	-3.569	-3.539	-3.891	-4.307	87.43	2.788	≤ 11.00

Note:

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).

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-06-16 ~ 2024-07-05		
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	8.310	8.985	8.744	8.793	94.50	14.981	≤ 30.00
11a	6Mbps	157	5785	7.876	9.160	9.291	8.608	94.50	15.035	≤ 30.00
11a	6Mbps	165	5825	8.633	9.009	8.721	8.074	94.50	14.889	≤ 30.00
11ac-VHT20	MCS0	149	5745	7.986	8.713	8.533	8.461	98.07	14.452	≤ 30.00
11ac-VHT20	MCS0	157	5785	7.804	9.031	9.094	8.479	98.07	14.653	≤ 30.00
11ac-VHT20	MCS0	165	5825	8.628	8.666	8.439	7.755	98.07	14.408	≤ 30.00
11ac-VHT40	MCS0	151	5755	4.006	4.602	4.141	4.353	96.14	10.473	≤ 30.00
11ac-VHT40	MCS0	159	5795	5.441	6.008	5.647	5.812	96.14	11.924	≤ 30.00
11ac-VHT80	MCS0	155	5775	-2.275	-1.957	-2.146	-2.235	92.91	4.188	≤ 30.00
11ax-HE20	MCS0	149	5745	7.604	8.590	8.191	8.033	97.51	14.249	≤ 30.00
11ax-HE20	MCS0	157	5785	7.818	8.745	8.667	8.293	97.51	14.526	≤ 30.00
11ax-HE20	MCS0	165	5825	8.491	8.355	8.470	8.022	97.51	14.469	≤ 30.00
11ax-HE40	MCS0	151	5755	3.625	4.085	3.709	3.704	95.69	9.996	≤ 30.00
11ax-HE40	MCS0	159	5795	5.393	5.788	5.507	5.392	95.69	11.735	≤ 30.00
11ax-HE80	MCS0	155	5775	-2.058	-1.544	-2.008	-2.039	92.01	4.475	≤ 30.00
11be-EHT20	MCS0	149	5745	7.878	8.534	8.742	8.839	97.52	14.644	≤ 30.00
11be-EHT20	MCS0	157	5785	7.698	8.756	8.611	8.217	97.52	14.469	≤ 30.00
11be-EHT20	MCS0	165	5825	8.626	8.885	8.913	8.318	97.52	14.822	≤ 30.00
11be-EHT40	MCS0	151	5755	5.661	5.912	5.572	5.758	95.63	11.942	≤ 30.00
11be-EHT40	MCS0	159	5795	8.149	8.678	8.660	8.374	95.63	14.685	≤ 30.00
11be-EHT80	MCS0	155	5775	-2.693	-2.411	-2.584	-3.074	92.10	3.694	≤ 30.00

Note:

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) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}\}$.

802.11a Power Spectral Density - Ant 0

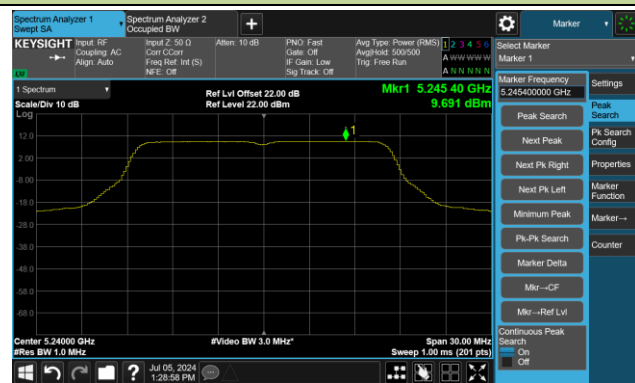
Channel 36 (5180MHz)



Channel 44 (5220MHz)



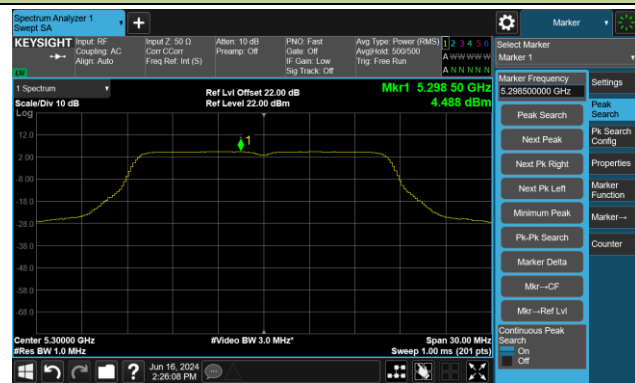
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)

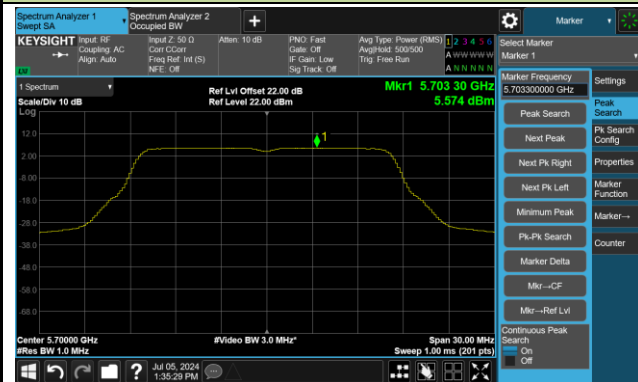


Channel 116 (5580MHz)

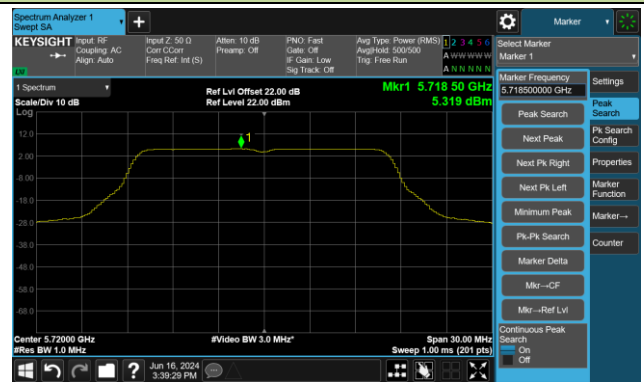


802.11a Power Spectral Density - Ant 0

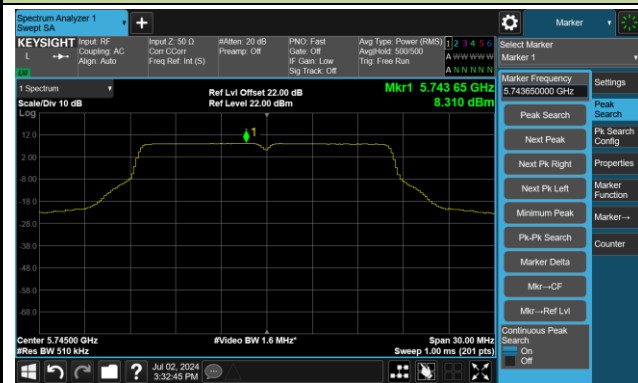
Channel 140 (5700MHz)



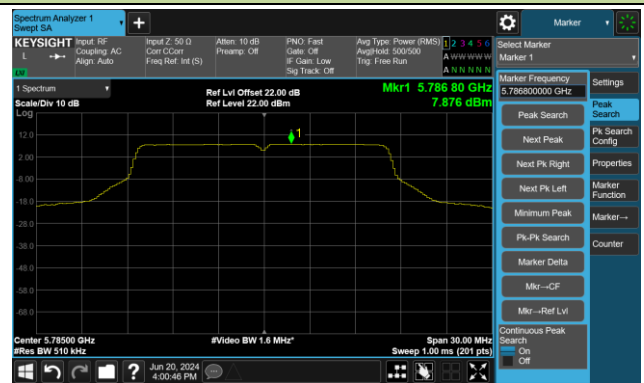
Channel 144(5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

