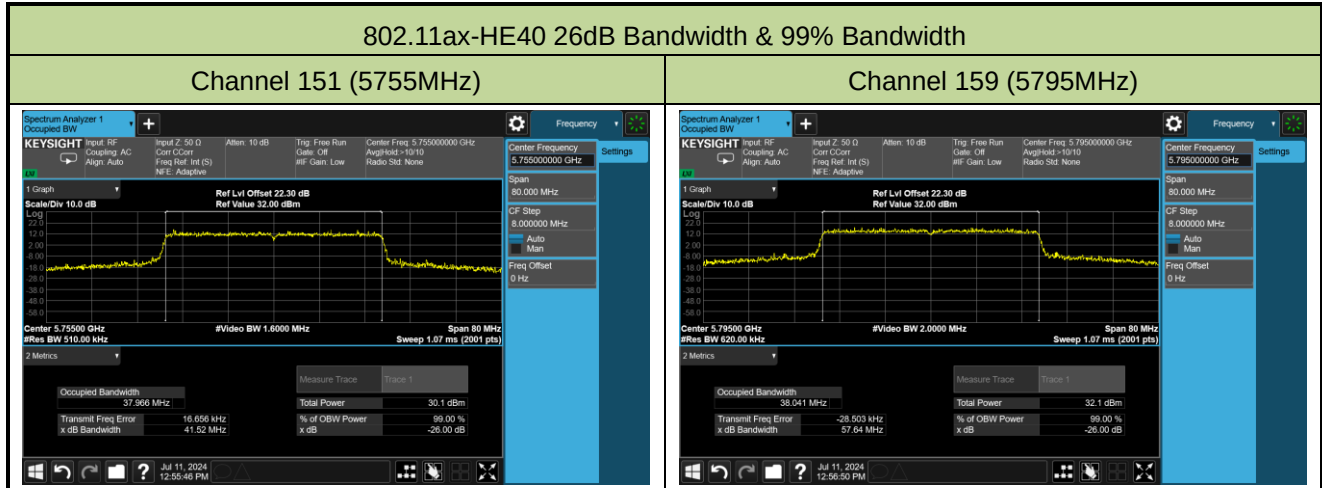
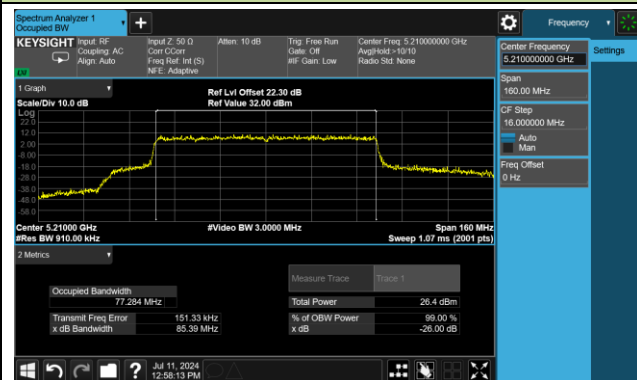


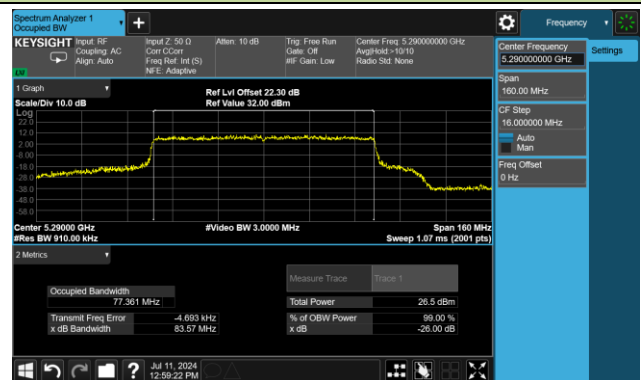


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

Channel 42 (5210MHz)



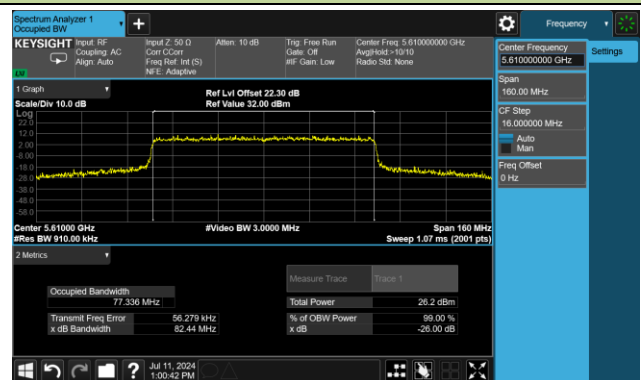
Channel 58 (5290MHz)



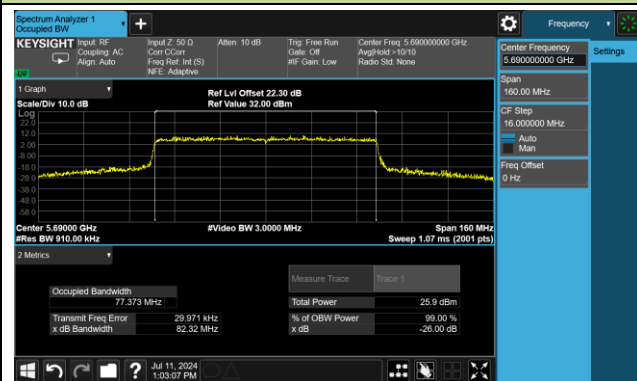
Channel 106 (5530MHz)



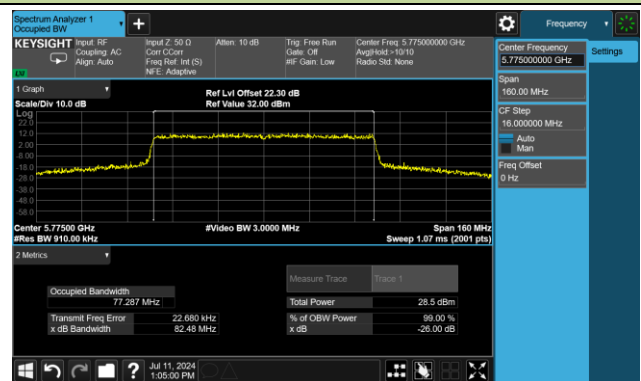
Channel 122 (5610MHz)



Channel 138 (5690MHz)

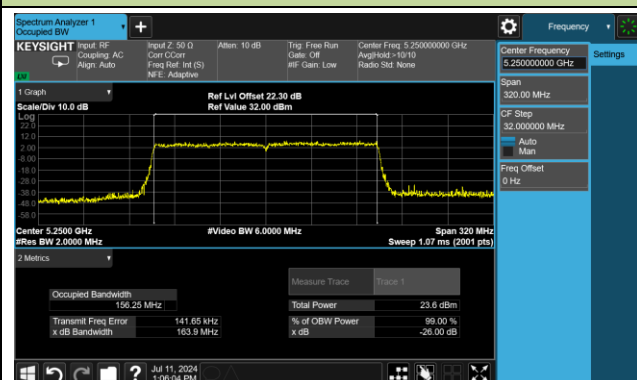


Channel 155 (5775MHz)

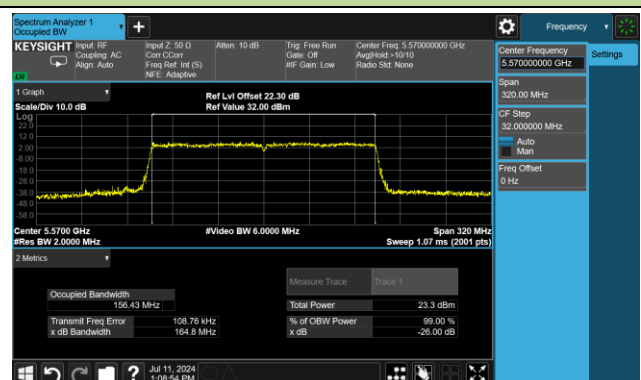


802.11ax-HE160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

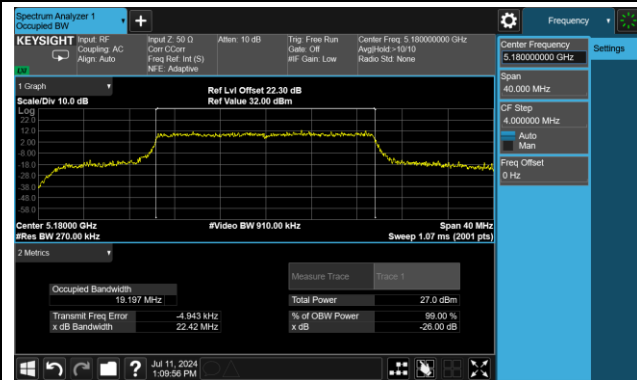


Channel 114 (5570MHz)

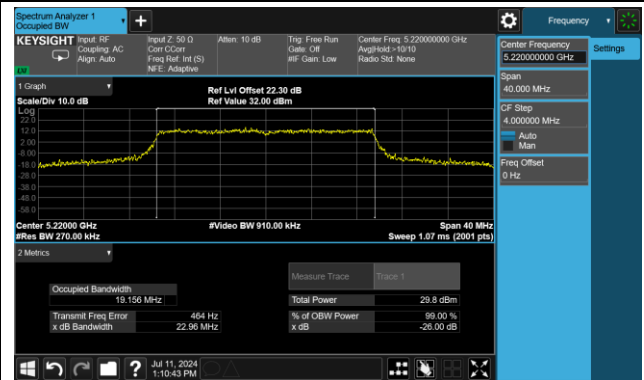


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

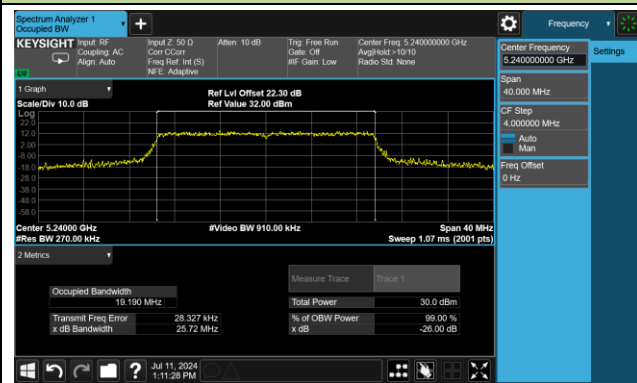
Channel 36 (5180MHz)



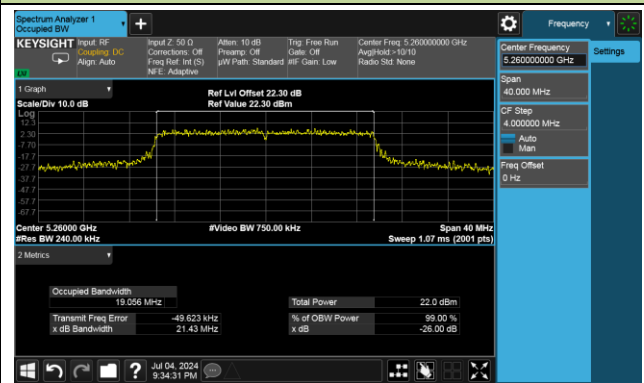
Channel 44 (5220MHz)



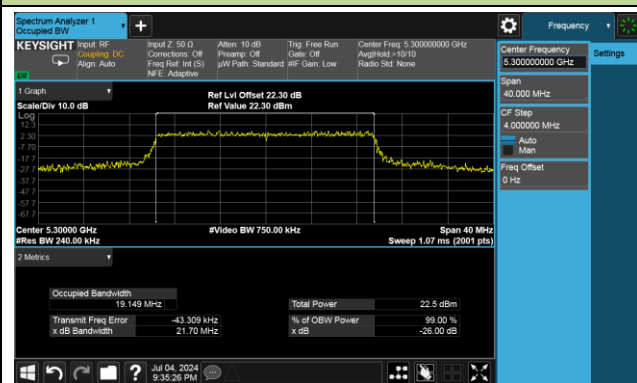
Channel 48 (5240MHz)



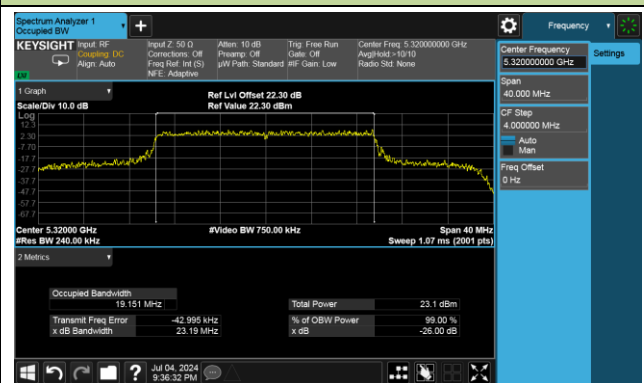
Channel 52 (5260MHz)



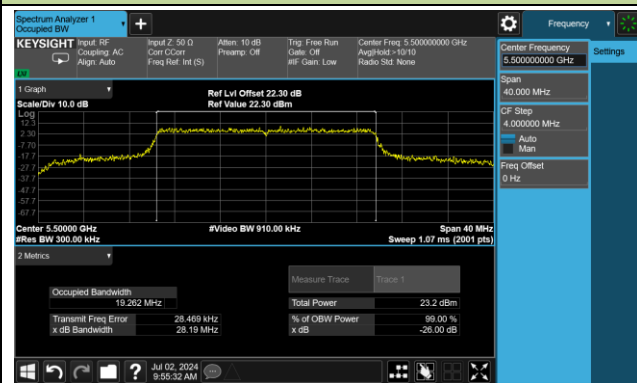
Channel 60 (5300MHz)



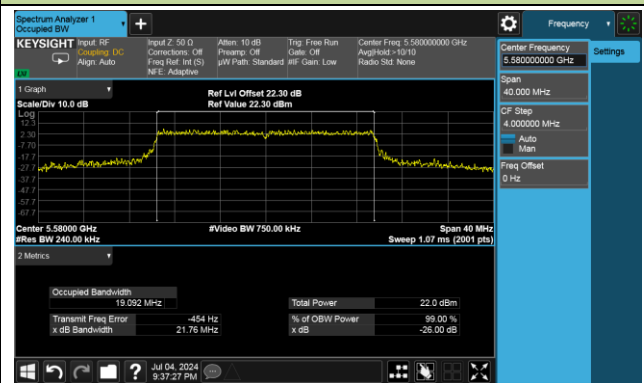
Channel 64 (5320MHz)



Channel 100 (5500MHz)

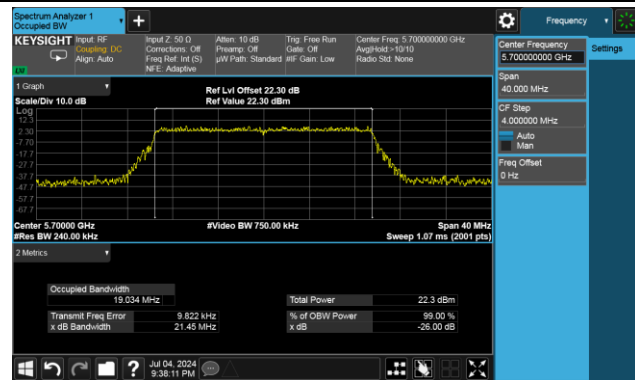


Channel 116 (5580MHz)

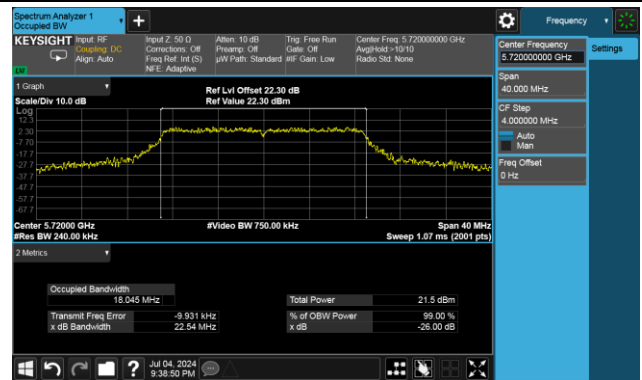


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

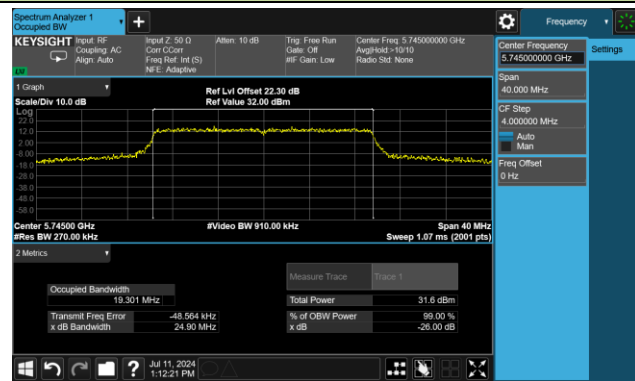
Channel 140 (5700MHz)



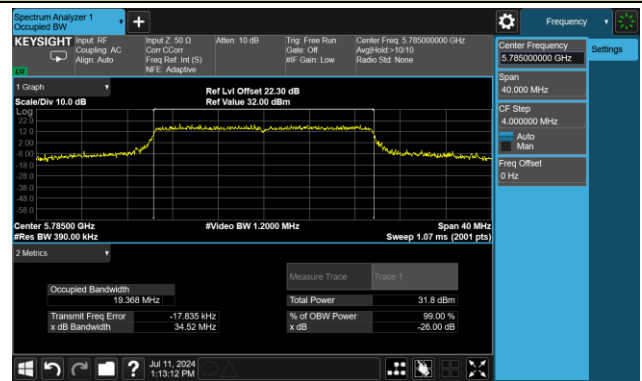
Channel 144 (5720MHz)



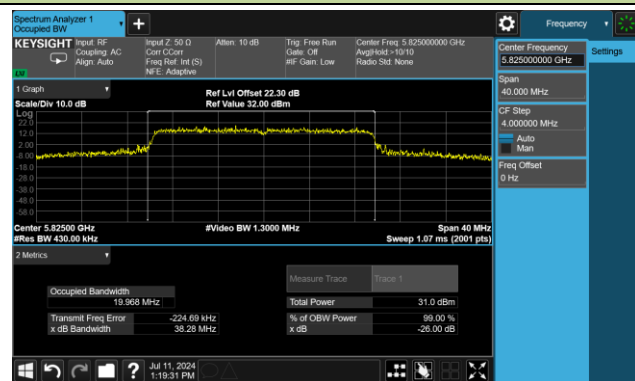
Channel 149 (5745MHz)



Channel 157 (5785MHz)

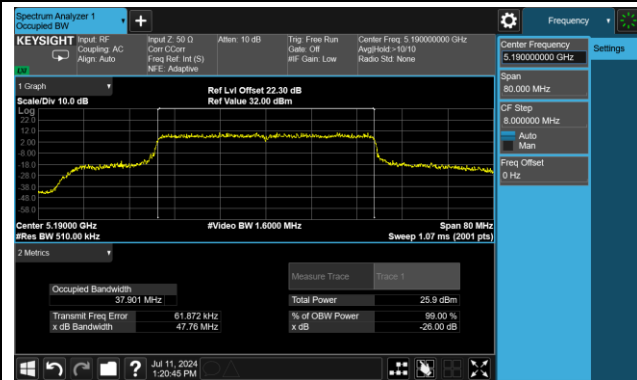


Channel 165 (5825MHz)

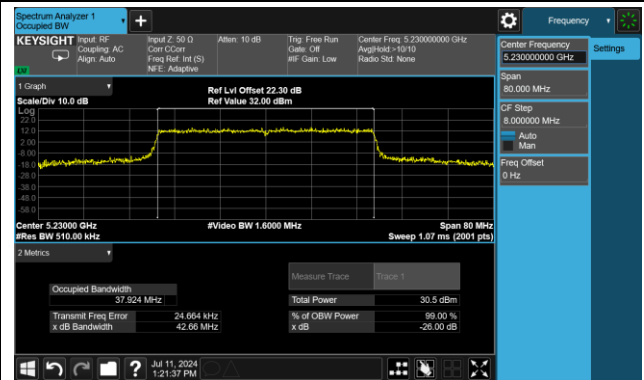


802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

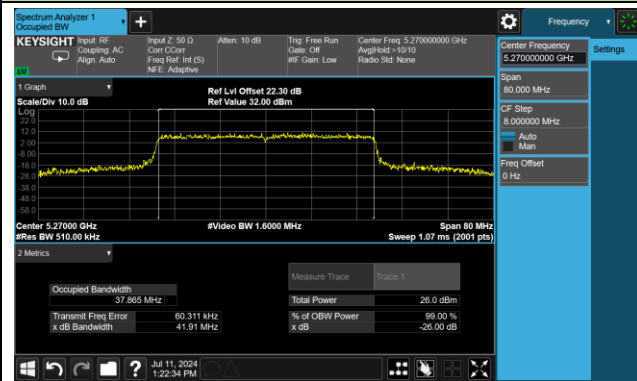
Channel 38 (5190MHz)



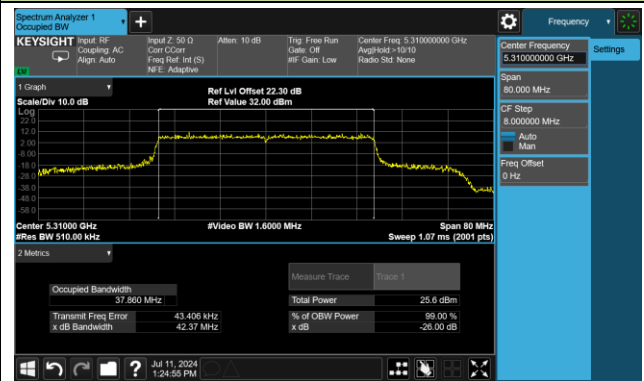
Channel 46 (5230MHz)



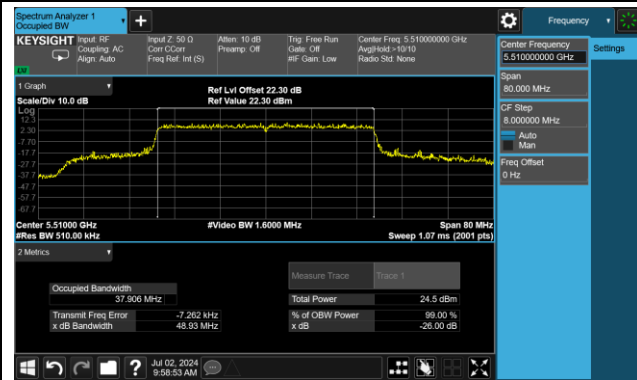
Channel 54 (5270MHz)



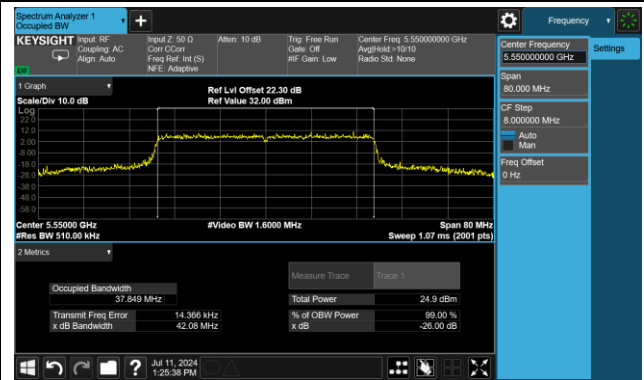
Channel 62 (5310MHz)



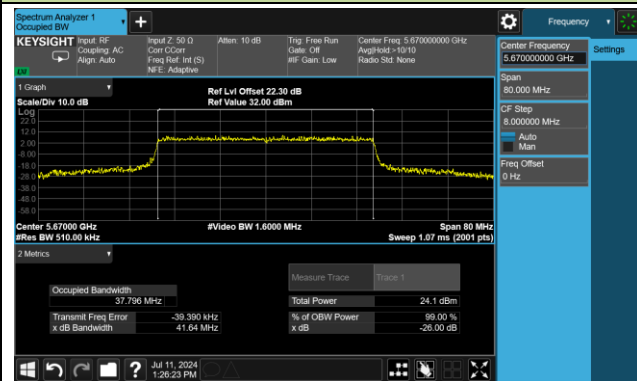
Channel 102 (5510MHz)



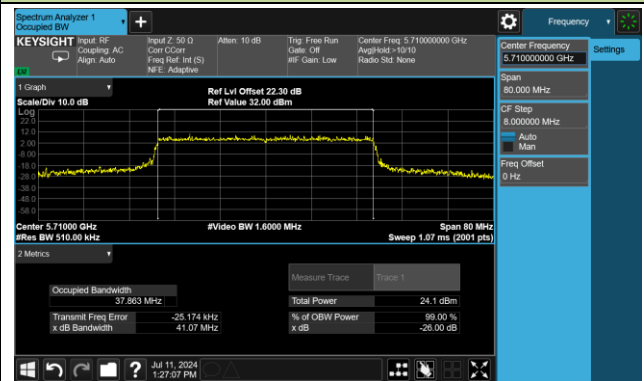
Channel 110 (5550MHz)

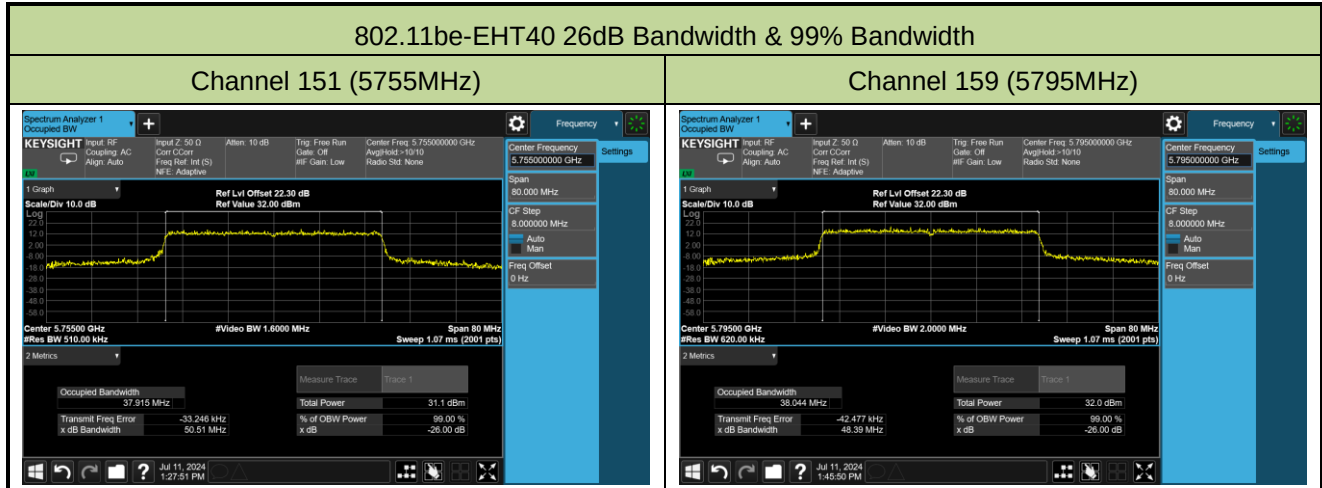


Channel 134 (5670MHz)



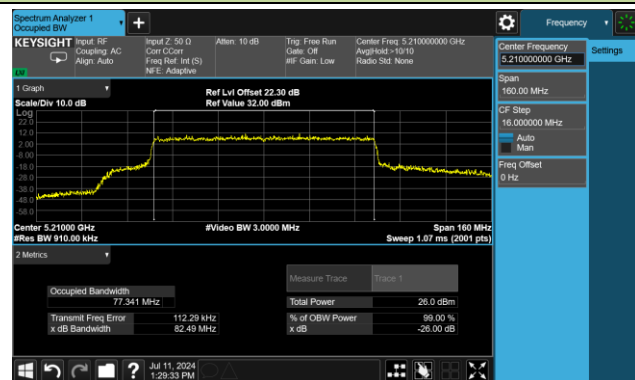
Channel 142 (5710MHz)



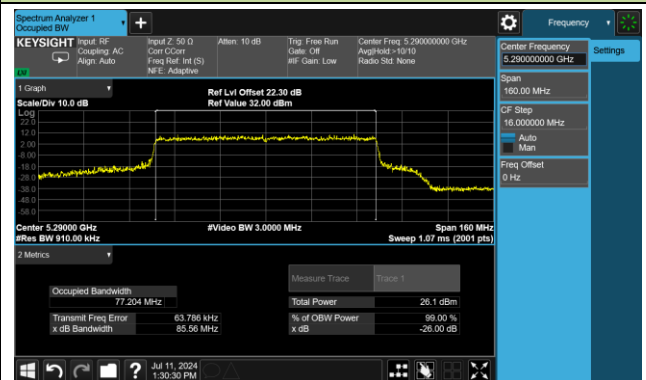


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

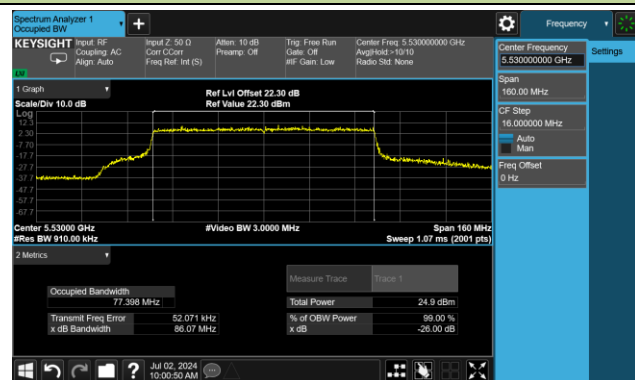
Channel 42 (5210MHz)



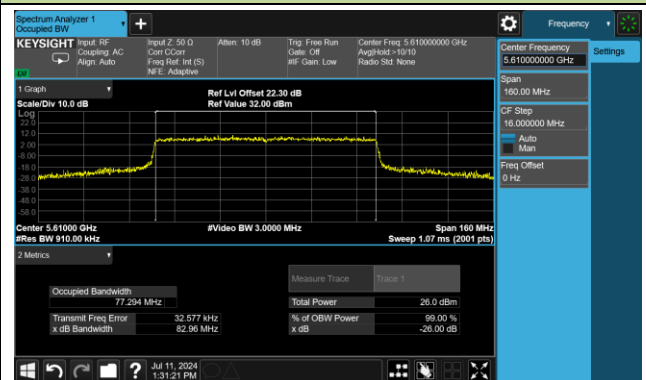
Channel 58 (5290MHz)



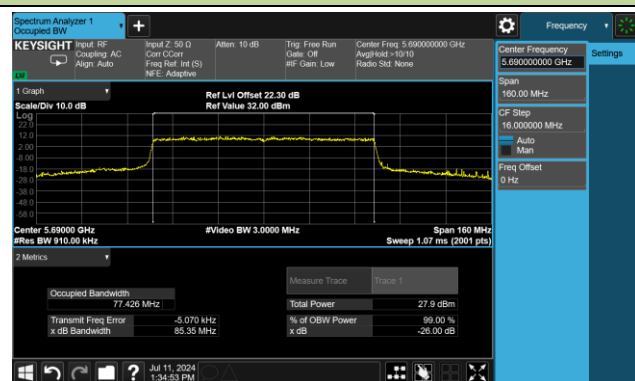
Channel 106 (5530MHz)



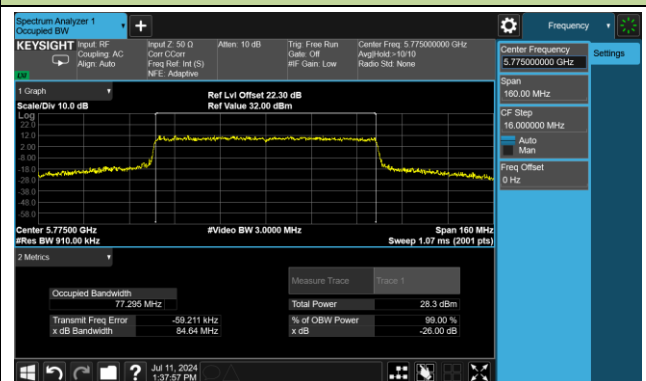
Channel 122 (5610MHz)



Channel 138 (5690MHz)

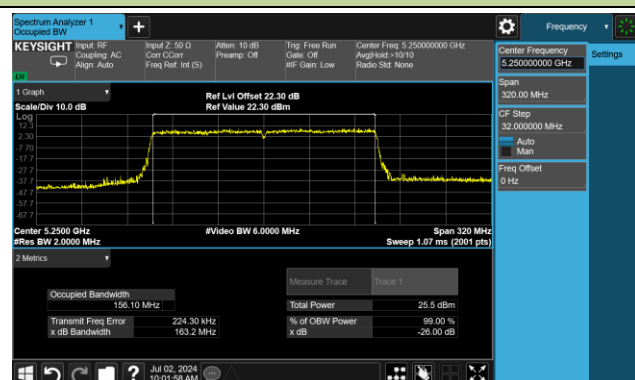


Channel 155 (5775MHz)

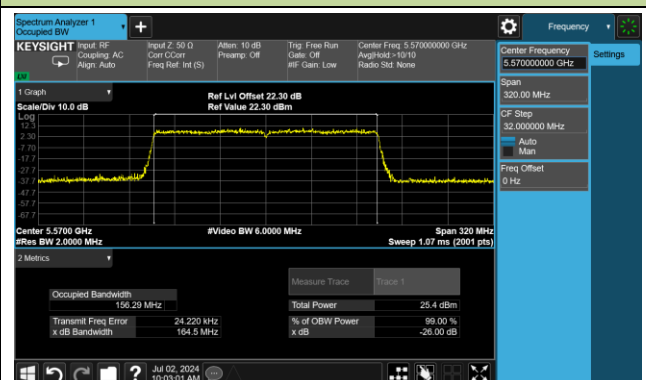


802.11be-EHT160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)



Channel 114 (5570MHz)



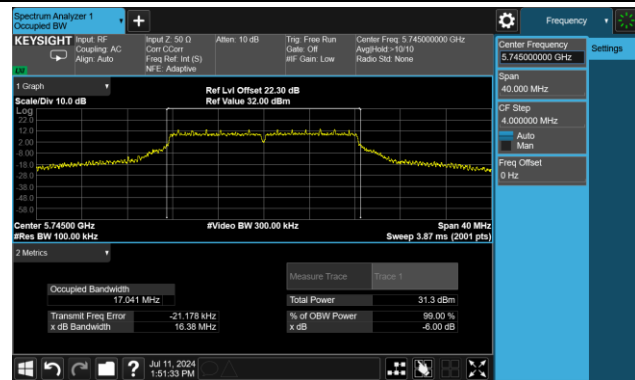
A.3 6dB Bandwidth Test Result

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2024-07-11		

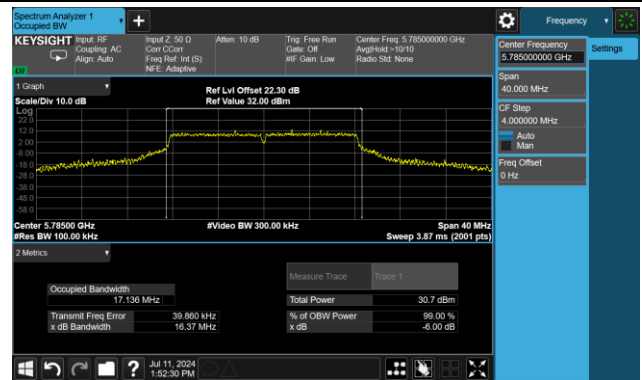
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.38	≥0.5
11a	6Mbps	157	5785	16.37	≥0.5
11a	6Mbps	165	5825	16.40	≥0.5
11ac-VHT20	MCS0	149	5745	17.61	≥0.5
11ac-VHT20	MCS0	157	5785	17.61	≥0.5
11ac-VHT20	MCS0	165	5825	17.59	≥0.5
11ac-VHT40	MCS0	151	5755	36.38	≥0.5
11ac-VHT40	MCS0	159	5795	36.34	≥0.5
11ac-VHT80	MCS0	155	5775	75.92	≥0.5
11ax-HE20	MCS0	149	5745	18.92	≥0.5
11ax-HE20	MCS0	157	5785	18.87	≥0.5
11ax-HE20	MCS0	165	5825	18.88	≥0.5
11ax-HE40	MCS0	151	5755	37.81	≥0.5
11ax-HE40	MCS0	159	5795	37.83	≥0.5
11ax-HE80	MCS0	155	5775	77.54	≥0.5
11be-EHT20	MCS0	149	5745	18.91	≥0.5
11be-EHT20	MCS0	157	5785	18.90	≥0.5
11be-EHT20	MCS0	165	5825	18.60	≥0.5
11be-EHT40	MCS0	151	5755	37.65	≥0.5
11be-EHT40	MCS0	159	5795	37.56	≥0.5
11be-EHT80	MCS0	155	5775	76.50	≥0.5

802.11a 6dB Bandwidth

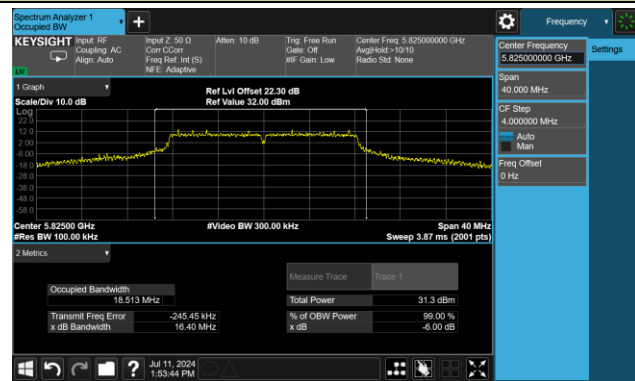
Channel 149 (5745MHz)



Channel 157 (5785MHz)

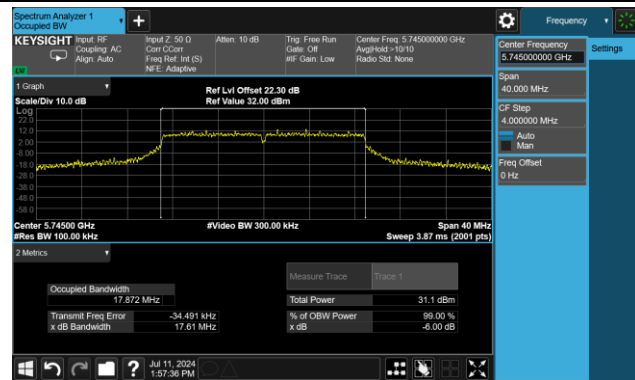


Channel 165 (5825MHz)

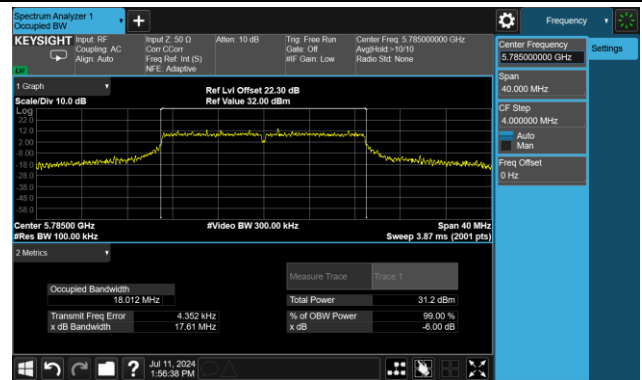


802.11ac-VHT20 6dB Bandwidth

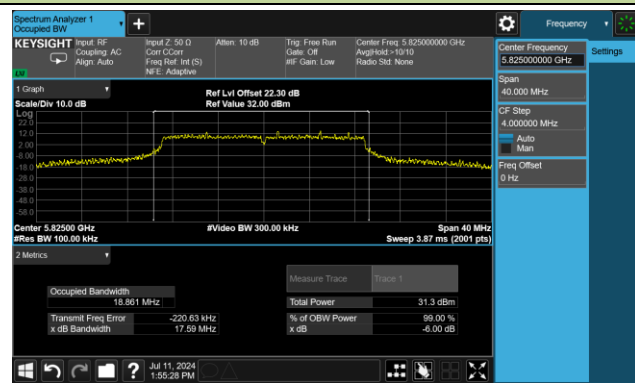
Channel 149 (5745MHz)



Channel 157 (5785MHz)

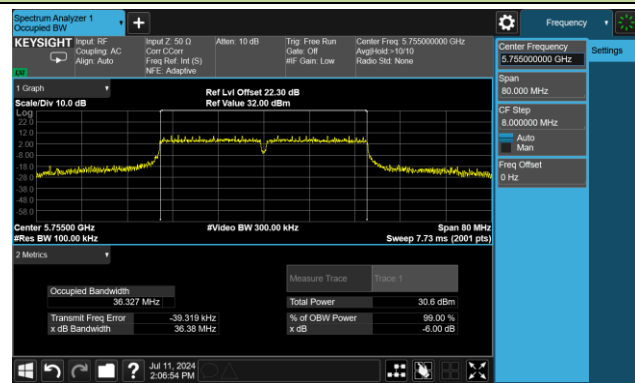


Channel 165 (5825MHz)

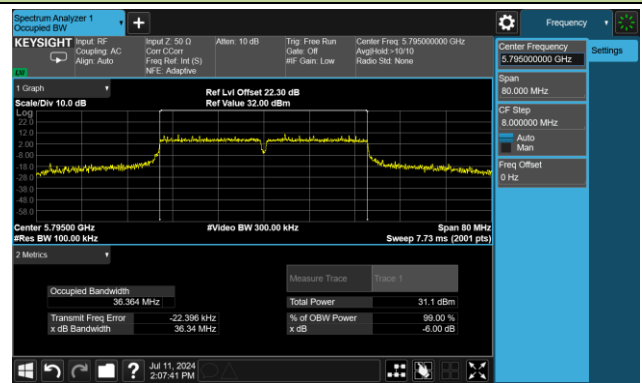


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

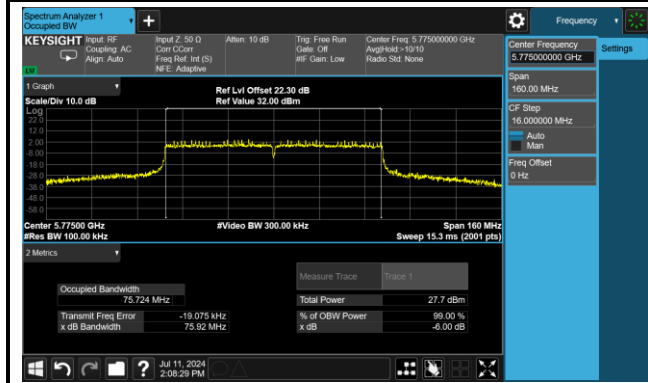


Channel 159 (5795MHz)



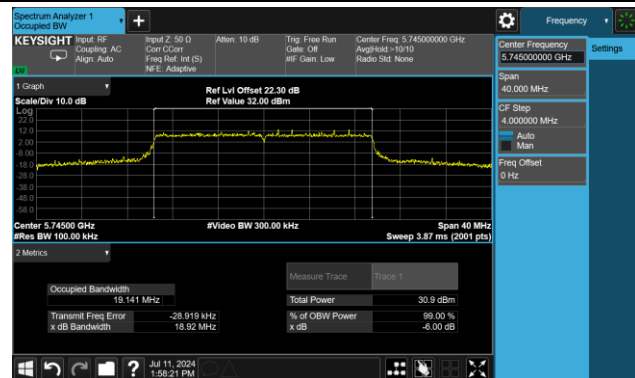
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

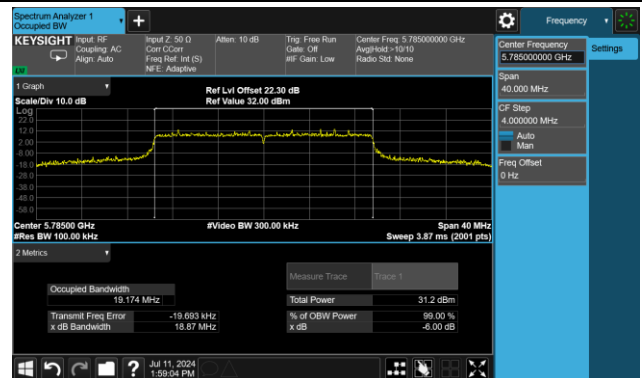


802.11ax-HE20 6dB Bandwidth

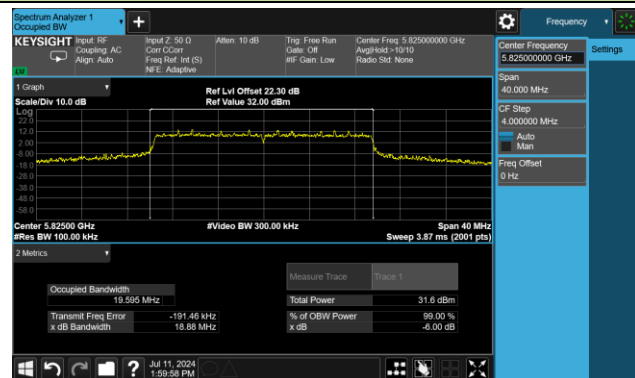
Channel 149 (5745MHz)



Channel 157 (5785MHz)

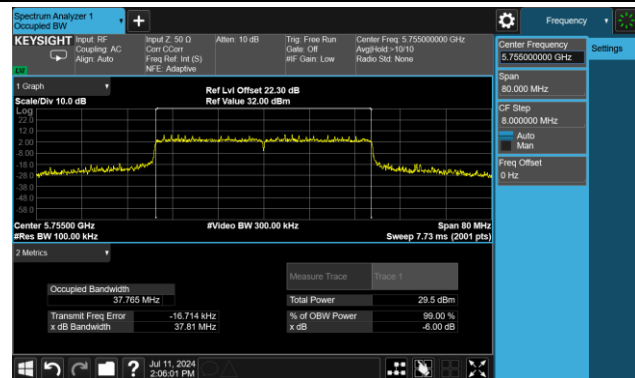


Channel 165 (5825MHz)

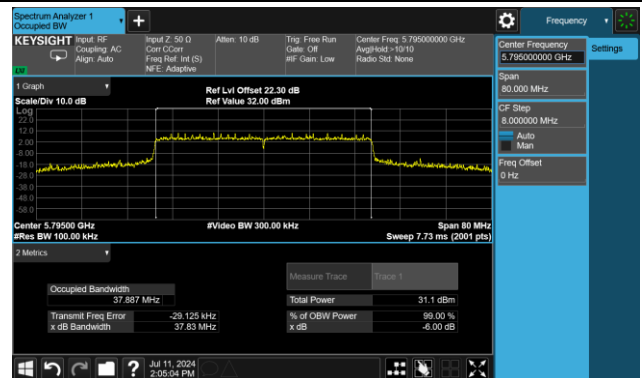


802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)

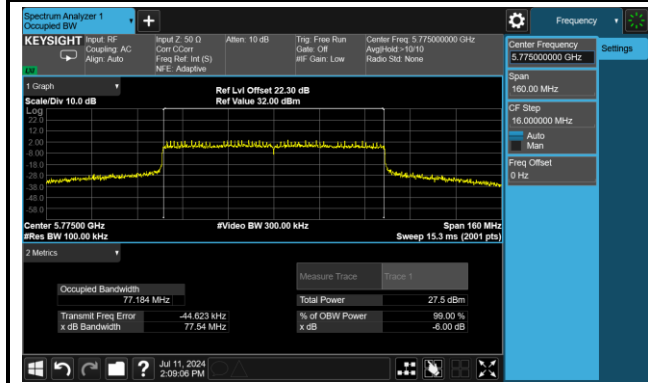


Channel 159 (5795MHz)



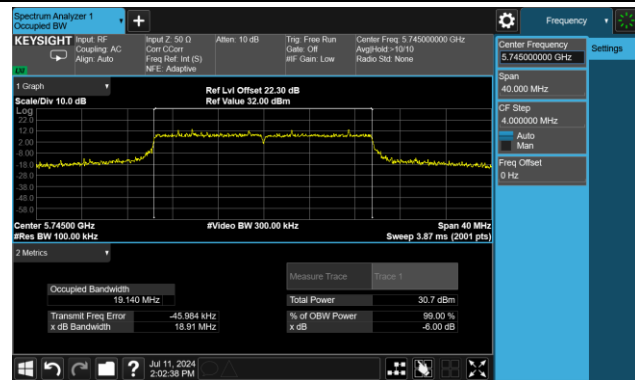
802.11ax-HE80 6dB Bandwidth

Channel 155 (5775MHz)

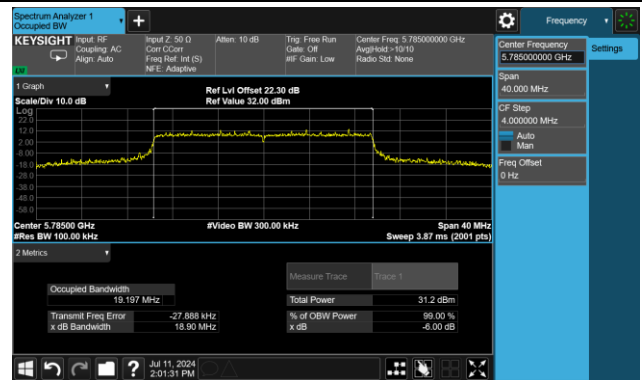


802.11be-EHT20 6dB Bandwidth

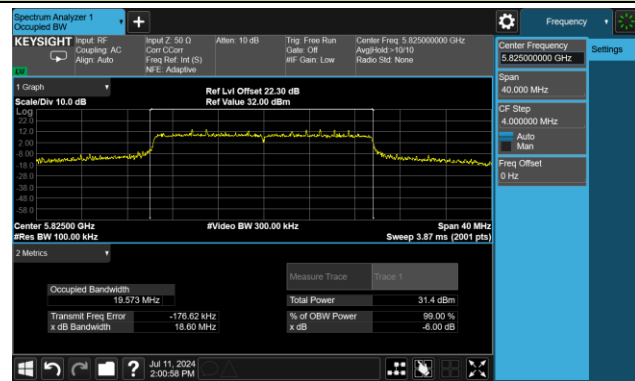
Channel 149 (5745MHz)



Channel 157 (5785MHz)

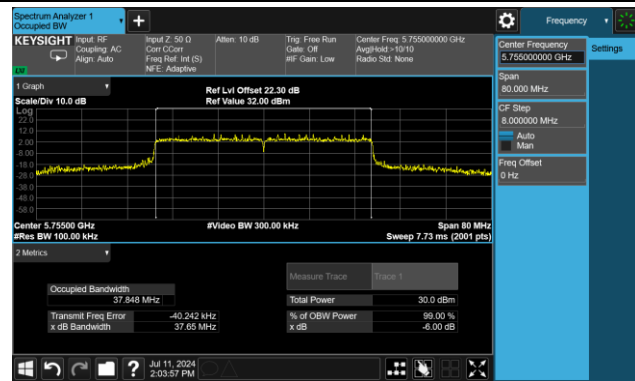


Channel 165 (5825MHz)

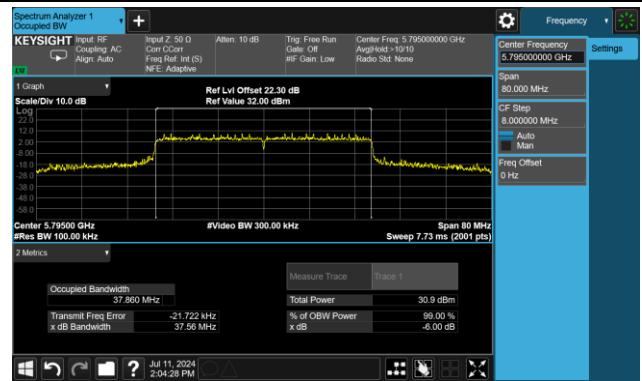


802.11be-EHT40 6dB Bandwidth

Channel 151 (5755MHz)

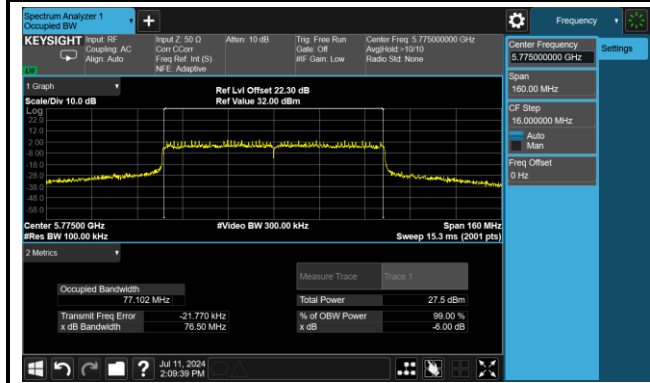


Channel 159 (5795MHz)



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 ~ 2024-07-16		

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	21.62	20.73	21.26	21.54	27.32	≤ 30.00
11a	6Mbps	44	5220	22.64	22.81	23.26	22.95	28.94	≤ 30.00
11a	6Mbps	48	5240	22.48	22.92	22.93	22.72	28.79	≤ 30.00
11a	6Mbps	52	5260	16.15	17.38	17.15	16.51	22.85	≤ 23.98
11a	6Mbps	60	5300	16.08	17.29	16.65	16.47	22.67	≤ 23.98
11a	6Mbps	64	5320	15.84	17.26	16.68	16.61	22.65	≤ 23.98
11a	6Mbps	100	5500	16.43	16.58	16.85	15.92	22.48	≤ 23.98
11a	6Mbps	116	5580	16.32	17.70	17.07	16.72	23.00	≤ 23.98
11a	6Mbps	140	5700	17.18	16.74	16.31	16.62	22.74	≤ 23.98
11a	6Mbps	144	5720	17.90	16.71	16.45	17.04	23.08	≤ 23.17
11a	6Mbps	149	5745	23.71	24.36	23.12	23.52	29.72	≤ 30.00
11a	6Mbps	157	5785	23.07	24.50	23.19	23.06	29.52	≤ 30.00
11a	6Mbps	165	5825	23.49	24.30	22.81	23.19	29.50	≤ 30.00
11ac-VHT20	MCS0	36	5180	21.51	21.40	21.48	21.58	27.51	≤ 30.00
11ac-VHT20	MCS0	44	5220	22.81	23.21	23.13	23.18	29.11	≤ 30.00
11ac-VHT20	MCS0	48	5240	22.17	23.38	23.02	22.66	28.85	≤ 30.00
11ac-VHT20	MCS0	52	5260	16.63	17.96	17.76	16.78	23.34	≤ 23.98
11ac-VHT20	MCS0	60	5300	16.20	17.56	16.91	16.80	22.91	≤ 23.98
11ac-VHT20	MCS0	64	5320	16.78	18.20	17.32	17.37	23.47	≤ 23.98
11ac-VHT20	MCS0	100	5500	16.76	17.04	17.50	16.72	23.04	≤ 23.98
11ac-VHT20	MCS0	116	5580	16.50	17.95	17.35	16.78	23.20	≤ 23.98
11ac-VHT20	MCS0	140	5700	17.47	16.65	16.20	16.50	22.75	≤ 23.98
11ac-VHT20	MCS0	144	5720	17.88	16.69	16.50	17.03	23.08	≤ 23.15
11ac-VHT20	MCS0	149	5745	23.87	24.65	23.18	23.57	29.87	≤ 30.00
11ac-VHT20	MCS0	157	5785	23.03	24.46	23.21	23.14	29.52	≤ 30.00
11ac-VHT20	MCS0	165	5825	23.55	24.50	23.02	23.21	29.63	≤ 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	20.31	19.71	19.62	20.03	25.95	≤ 30.00
11ac-VHT40	MCS0	46	5230	23.52	23.79	23.84	23.98	29.81	≤ 30.00
11ac-VHT40	MCS0	54	5270	17.46	18.24	17.94	17.05	23.72	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.41	17.96	17.60	17.78	23.71	≤ 23.98
11ac-VHT40	MCS0	102	5510	17.36	17.54	17.68	17.18	23.46	≤ 23.98
11ac-VHT40	MCS0	110	5550	17.50	18.15	17.93	17.45	23.79	≤ 23.98
11ac-VHT40	MCS0	134	5670	17.88	18.03	17.62	17.46	23.77	≤ 23.98
11ac-VHT40	MCS0	142	5710	18.13	17.74	17.21	17.58	23.70	≤ 23.98
11ac-VHT40	MCS0	151	5755	23.69	24.13	23.74	23.68	29.83	≤ 30.00
11ac-VHT40	MCS0	159	5795	23.03	24.35	23.78	23.51	29.71	≤ 30.00
11ac-VHT80	MCS0	42	5210	19.55	19.61	19.54	19.81	25.65	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.58	18.65	17.97	17.15	23.89	≤ 23.98
11ac-VHT80	MCS0	106	5530	15.92	16.10	15.97	15.65	21.93	≤ 23.98
11ac-VHT80	MCS0	122	5610	17.81	18.04	17.73	17.17	23.72	≤ 23.98
11ac-VHT80	MCS0	138	5690	17.62	17.83	17.34	17.38	23.57	≤ 23.98
11ac-VHT80	MCS0	155	5775	19.68	20.53	19.94	19.53	25.96	≤ 30.00
11ac-VHT160	MCS0	50	5250	14.02	14.56	14.27	13.92	20.22	≤ 23.98
11ac-VHT160	MCS0	114	5570	13.78	14.91	14.69	14.27	20.45	≤ 23.98
11ax-HE20	MCS0	36	5180	20.84	20.28	21.02	20.96	26.81	≤ 30.00
11ax-HE20	MCS0	44	5220	22.66	23.12	23.35	23.01	29.06	≤ 30.00
11ax-HE20	MCS0	48	5240	22.65	23.39	23.58	23.35	29.28	≤ 30.00
11ax-HE20	MCS0	52	5260	16.77	18.23	17.86	17.04	23.54	≤ 23.98
11ax-HE20	MCS0	60	5300	16.68	18.17	17.42	17.35	23.46	≤ 23.98
11ax-HE20	MCS0	64	5320	16.83	18.30	17.53	17.40	23.57	≤ 23.98
11ax-HE20	MCS0	100	5500	17.47	17.48	17.73	16.99	23.45	≤ 23.98
11ax-HE20	MCS0	116	5580	16.18	17.66	16.97	16.65	22.92	≤ 23.98
11ax-HE20	MCS0	140	5700	15.63	14.65	14.68	14.76	20.97	≤ 23.98
11ax-HE20	MCS0	144	5720	17.80	16.38	16.32	17.02	22.94	≤ 23.00
11ax-HE20	MCS0	149	5745	23.86	24.50	23.40	23.46	29.85	≤ 30.00
11ax-HE20	MCS0	157	5785	23.13	24.57	23.48	23.13	29.64	≤ 30.00
11ax-HE20	MCS0	165	5825	23.27	24.50	23.07	23.26	29.58	≤ 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	20.07	19.40	19.81	19.89	25.82	≤ 30.00
11ax-HE40	MCS0	46	5230	23.41	23.91	24.21	23.78	29.86	≤ 30.00
11ax-HE40	MCS0	54	5270	17.03	18.46	17.95	17.30	23.74	≤ 23.98
11ax-HE40	MCS0	62	5310	17.15	18.62	17.95	17.27	23.81	≤ 23.98
11ax-HE40	MCS0	102	5510	17.08	16.95	17.52	17.02	23.17	≤ 23.98
11ax-HE40	MCS0	110	5550	16.96	17.94	18.12	17.51	23.68	≤ 23.98
11ax-HE40	MCS0	134	5670	16.67	16.56	16.64	16.54	22.62	≤ 23.98
11ax-HE40	MCS0	142	5710	18.27	16.85	17.54	17.67	23.63	≤ 23.98
11ax-HE40	MCS0	151	5755	22.35	22.82	22.45	22.54	28.56	≤ 30.00
11ax-HE40	MCS0	159	5795	22.88	24.31	23.63	23.43	29.61	≤ 30.00
11ax-HE80	MCS0	42	5210	18.78	18.56	19.15	19.13	24.93	≤ 30.00
11ax-HE80	MCS0	58	5290	16.82	18.30	17.87	17.31	23.63	≤ 23.98
11ax-HE80	MCS0	106	5530	15.44	15.66	15.92	15.62	21.68	≤ 23.98
11ax-HE80	MCS0	122	5610	17.12	17.96	17.62	17.46	23.57	≤ 23.98
11ax-HE80	MCS0	138	5690	17.71	17.65	17.08	17.32	23.47	≤ 23.98
11ax-HE80	MCS0	155	5775	19.88	20.32	19.78	19.47	25.89	≤ 30.00
11ax-HE160	MCS0	50	5250	13.76	14.78	14.61	14.32	20.41	≤ 23.98
11ax-HE160	MCS0	114	5570	14.02	14.63	14.32	13.86	20.24	≤ 23.98
11be-EHT20	MCS0	36	5180	21.16	20.84	20.32	20.72	26.79	≤ 30.00
11be-EHT20	MCS0	44	5220	23.27	23.53	22.98	23.30	29.29	≤ 30.00
11be-EHT20	MCS0	48	5240	22.91	23.85	22.92	23.62	29.37	≤ 30.00
11be-EHT20	MCS0	52	5260	16.69	17.92	18.16	16.92	23.49	≤ 23.98
11be-EHT20	MCS0	60	5300	16.33	17.81	17.59	16.93	23.22	≤ 23.98
11be-EHT20	MCS0	64	5320	16.75	18.11	17.65	17.29	23.50	≤ 23.98
11be-EHT20	MCS0	100	5500	17.34	17.19	17.82	17.27	23.43	≤ 23.98
11be-EHT20	MCS0	116	5580	16.35	17.61	17.42	16.81	23.10	≤ 23.98
11be-EHT20	MCS0	140	5700	18.05	16.95	16.77	16.97	23.24	≤ 23.98
11be-EHT20	MCS0	144	5720	17.90	16.48	16.50	17.05	23.04	≤ 23.11
11be-EHT20	MCS0	149	5745	23.94	24.42	23.15	23.42	29.78	≤ 30.00
11be-EHT20	MCS0	157	5785	23.30	24.70	23.41	23.31	29.74	≤ 30.00
11be-EHT20	MCS0	165	5825	23.94	24.50	23.02	23.15	29.72	≤ 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	18.84	18.93	18.95	18.96	24.94	≤ 30.00
11be-EHT40	MCS0	46	5230	23.41	23.60	23.53	23.70	29.58	≤ 30.00
11be-EHT40	MCS0	54	5270	16.85	18.30	18.08	17.44	23.72	≤ 23.98
11be-EHT40	MCS0	62	5310	17.02	18.47	17.60	17.73	23.76	≤ 23.98
11be-EHT40	MCS0	102	5510	17.02	16.93	17.45	17.04	23.14	≤ 23.98
11be-EHT40	MCS0	110	5550	17.12	17.78	17.85	17.40	23.57	≤ 23.98
11be-EHT40	MCS0	134	5670	16.95	16.84	16.26	16.90	22.77	≤ 23.98
11be-EHT40	MCS0	142	5710	18.25	16.92	17.14	17.91	23.61	≤ 23.98
11be-EHT40	MCS0	151	5755	23.57	23.81	23.15	23.46	29.52	≤ 30.00
11be-EHT40	MCS0	159	5795	23.05	24.29	23.45	23.62	29.65	≤ 30.00
11be-EHT80	MCS0	42	5210	18.65	18.38	18.43	18.97	24.63	≤ 30.00
11be-EHT80	MCS0	58	5290	16.97	18.44	17.90	17.43	23.74	≤ 23.98
11be-EHT80	MCS0	106	5530	15.75	15.45	16.14	15.82	21.82	≤ 23.98
11be-EHT80	MCS0	122	5610	17.18	18.26	17.68	17.62	23.72	≤ 23.98
11be-EHT80	MCS0	138	5690	17.71	17.78	17.09	17.54	23.56	≤ 23.98
11be-EHT80	MCS0	155	5775	20.02	20.44	19.58	19.72	25.97	≤ 30.00
11be-EHT160	MCS0	50	5250	13.35	14.67	14.09	14.01	20.08	≤ 23.98
11be-EHT160	MCS0	114	5570	14.02	14.45	14.28	14.04	20.22	≤ 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	2024-06-18 ~ 2024-07-16		
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	9.226	8.568	9.047	8.917	94.71	15.203	≤ 17.00
11a	6Mbps	44	5220	10.165	10.323	10.732	10.074	94.71	16.588	≤ 17.00
11a	6Mbps	48	5240	10.267	10.888	11.060	10.354	94.71	16.912	≤ 17.00
11a	6Mbps	52	5260	3.937	5.424	5.195	4.072	94.71	10.964	≤ 11.00
11a	6Mbps	60	5300	3.608	5.245	4.991	4.360	94.71	10.853	≤ 11.00
11a	6Mbps	64	5320	3.732	5.164	4.705	4.500	94.71	10.812	≤ 11.00
11a	6Mbps	100	5500	4.685	4.276	4.975	4.647	94.71	10.909	≤ 11.00
11a	6Mbps	116	5580	3.887	4.999	4.672	4.461	94.71	10.780	≤ 11.00
11a	6Mbps	140	5700	5.313	4.212	3.923	4.386	94.71	10.747	≤ 11.00
11a	6Mbps	144	5720	5.498	3.932	3.932	4.862	94.71	10.864	≤ 11.00
11ac-VHT20	MCS0	36	5180	8.774	8.619	8.806	9.183	98.07	14.871	≤ 17.00
11ac-VHT20	MCS0	44	5220	10.124	10.678	10.822	10.844	98.07	16.647	≤ 17.00
11ac-VHT20	MCS0	48	5240	9.559	10.787	10.825	10.718	98.07	16.524	≤ 17.00
11ac-VHT20	MCS0	52	5260	4.025	5.235	5.407	4.280	98.07	10.798	≤ 11.00
11ac-VHT20	MCS0	60	5300	3.810	5.109	5.345	4.379	98.07	10.723	≤ 11.00
11ac-VHT20	MCS0	64	5320	3.717	5.383	5.071	4.749	98.07	10.794	≤ 11.00
11ac-VHT20	MCS0	100	5500	4.568	4.153	5.112	4.920	98.07	10.724	≤ 11.00
11ac-VHT20	MCS0	116	5580	4.141	4.996	5.248	4.742	98.07	10.821	≤ 11.00
11ac-VHT20	MCS0	140	5700	4.872	4.005	3.746	4.090	98.07	10.220	≤ 11.00
11ac-VHT20	MCS0	144	5720	5.767	3.626	4.142	5.149	98.07	10.772	≤ 11.00
11ac-VHT40	MCS0	38	5190	4.280	3.878	4.360	4.462	96.40	10.430	≤ 17.00
11ac-VHT40	MCS0	46	5230	8.150	8.436	8.613	8.825	96.40	14.693	≤ 17.00
11ac-VHT40	MCS0	54	5270	1.199	3.120	2.906	1.871	96.40	8.523	≤ 11.00
11ac-VHT40	MCS0	62	5310	0.307	2.597	1.833	1.655	96.40	7.853	≤ 11.00
11ac-VHT40	MCS0	102	5510	1.666	1.839	2.388	1.554	96.40	8.054	≤ 11.00
11ac-VHT40	MCS0	110	5550	1.200	2.553	2.861	2.134	96.40	8.410	≤ 11.00
11ac-VHT40	MCS0	134	5670	2.264	2.146	2.380	1.905	96.40	8.357	≤ 11.00
11ac-VHT40	MCS0	142	5710	2.619	1.418	1.963	2.305	96.40	8.279	≤ 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	1.431	1.220	1.760	1.686	92.91	7.869	≤ 17.00
11ac-VHT80	MCS0	58	5290	-1.917	0.668	0.145	-0.829	92.91	5.966	≤ 11.00
11ac-VHT80	MCS0	106	5530	-3.206	-2.198	-2.041	-2.752	92.91	3.815	≤ 11.00
11ac-VHT80	MCS0	122	5610	-1.559	-0.313	-0.276	-0.816	92.91	5.629	≤ 11.00
11ac-VHT80	MCS0	138	5690	-0.532	-0.572	-0.656	-0.822	92.91	5.696	≤ 11.00
11ac-VHT160	MCS0	50	5250	-7.435	-6.262	-6.358	-6.725	87.96	-0.093	≤ 11.00
11ac-VHT160	MCS0	114	5570	-7.889	-6.134	-6.928	-7.030	87.96	-0.373	≤ 11.00
11ax-HE20	MCS0	36	5180	8.010	7.632	8.386	8.234	97.51	14.205	≤ 17.00
11ax-HE20	MCS0	44	5220	10.032	10.653	10.761	10.569	97.51	16.643	≤ 17.00
11ax-HE20	MCS0	48	5240	10.136	10.034	11.030	10.666	97.51	16.616	≤ 17.00
11ax-HE20	MCS0	52	5260	4.121	4.895	5.515	4.407	97.51	10.897	≤ 11.00
11ax-HE20	MCS0	60	5300	3.645	4.875	5.046	4.323	97.51	10.636	≤ 11.00
11ax-HE20	MCS0	64	5320	3.513	5.252	4.730	4.618	97.51	10.703	≤ 11.00
11ax-HE20	MCS0	100	5500	4.732	4.375	5.134	4.572	97.51	10.842	≤ 11.00
11ax-HE20	MCS0	116	5580	3.748	4.573	4.945	4.626	97.51	10.625	≤ 11.00
11ax-HE20	MCS0	140	5700	2.928	2.173	1.635	1.990	97.51	8.338	≤ 11.00
11ax-HE20	MCS0	144	5720	5.468	3.739	3.326	4.275	97.51	10.409	≤ 11.00
11ax-HE40	MCS0	38	5190	4.771	3.805	4.136	4.313	95.66	10.484	≤ 17.00
11ax-HE40	MCS0	46	5230	8.469	8.466	8.373	8.680	95.66	14.712	≤ 17.00
11ax-HE40	MCS0	54	5270	1.693	3.429	2.687	2.018	95.66	8.722	≤ 11.00
11ax-HE40	MCS0	62	5310	1.661	3.173	2.356	2.139	95.66	8.581	≤ 11.00
11ax-HE40	MCS0	102	5510	1.662	1.493	1.951	1.346	95.66	7.832	≤ 11.00
11ax-HE40	MCS0	110	5550	1.941	2.432	2.546	2.119	95.66	8.479	≤ 11.00
11ax-HE40	MCS0	134	5670	1.403	1.123	0.335	0.847	95.66	7.158	≤ 11.00
11ax-HE40	MCS0	142	5710	2.725	1.276	1.705	2.152	95.66	8.211	≤ 11.00
11ax-HE80	MCS0	42	5210	1.216	0.490	1.041	1.014	92.24	7.320	≤ 17.00
11ax-HE80	MCS0	58	5290	-1.438	0.290	-0.476	-1.042	92.24	5.754	≤ 11.00
11ax-HE80	MCS0	106	5530	-2.724	-2.853	-2.215	-2.734	92.24	3.747	≤ 11.00
11ax-HE80	MCS0	122	5610	-0.757	-0.082	-0.883	-0.809	92.24	5.751	≤ 11.00
11ax-HE80	MCS0	138	5690	-0.430	-0.715	-1.531	-1.227	92.24	5.417	≤ 11.00
11ax-HE160	MCS0	50	5250	-6.572	-5.747	-6.313	-5.994	87.79	0.441	≤ 11.00
11ax-HE160	MCS0	114	5570	-6.974	-6.433	-6.920	-7.117	87.79	-0.267	≤ 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	8.056	7.355	7.634	7.840	97.52	13.859	≤ 17.00
11be-EHT20	MCS0	44	5220	10.363	10.485	10.713	10.864	97.52	16.740	≤ 17.00
11be-EHT20	MCS0	48	5240	10.365	10.936	10.797	10.865	97.52	16.876	≤ 17.00
11be-EHT20	MCS0	52	5260	4.016	4.890	5.355	4.289	97.52	10.799	≤ 11.00
11be-EHT20	MCS0	60	5300	3.531	5.023	4.910	4.400	97.52	10.634	≤ 11.00
11be-EHT20	MCS0	64	5320	3.679	5.013	4.809	4.375	97.52	10.628	≤ 11.00
11be-EHT20	MCS0	100	5500	4.519	4.238	5.177	4.624	97.52	10.783	≤ 11.00
11be-EHT20	MCS0	116	5580	3.912	4.906	5.045	4.622	97.52	10.772	≤ 11.00
11be-EHT20	MCS0	140	5700	5.263	4.228	4.204	4.676	97.52	10.744	≤ 11.00
11be-EHT20	MCS0	144	5720	5.407	3.914	3.570	4.380	97.52	10.504	≤ 11.00
11be-EHT40	MCS0	38	5190	3.326	2.610	3.215	3.658	95.63	9.433	≤ 17.00
11be-EHT40	MCS0	46	5230	7.760	7.930	7.956	8.204	95.63	14.180	≤ 17.00
11be-EHT40	MCS0	54	5270	1.562	3.343	2.424	2.158	95.63	8.635	≤ 11.00
11be-EHT40	MCS0	62	5310	1.111	2.665	1.130	1.862	95.63	7.955	≤ 11.00
11be-EHT40	MCS0	102	5510	1.895	1.318	2.037	1.746	95.63	7.972	≤ 11.00
11be-EHT40	MCS0	110	5550	1.661	2.038	2.234	1.817	95.63	8.158	≤ 11.00
11be-EHT40	MCS0	134	5670	1.384	1.055	0.468	1.249	95.63	7.267	≤ 11.00
11be-EHT40	MCS0	142	5710	2.787	1.221	1.521	2.068	95.63	8.155	≤ 11.00
11be-EHT80	MCS0	42	5210	0.756	0.105	0.466	0.650	92.10	6.879	≤ 17.00
11be-EHT80	MCS0	58	5290	-0.985	0.933	-0.256	-0.322	92.10	6.277	≤ 11.00
11be-EHT80	MCS0	106	5530	-2.417	-2.384	-2.000	-2.254	92.10	4.117	≤ 11.00
11be-EHT80	MCS0	122	5610	-0.975	0.212	-0.433	-0.415	92.10	5.996	≤ 11.00
11be-EHT80	MCS0	138	5690	-0.474	-0.427	-1.253	-0.873	92.10	5.634	≤ 11.00
11be-EHT160	MCS0	50	5250	-6.991	-5.904	-6.311	-6.293	87.39	0.249	≤ 11.00
11be-EHT160	MCS0	114	5570	-6.981	-6.368	-6.528	-7.244	87.39	-0.160	≤ 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	2024-07-09 ~ 2024-07-10		
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/ 500kHz)	PSD Limit (dBm/ 500kHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	149	5745	8.586	9.437	8.153	8.466	94.71	14.944	≤ 30.00
11a	6Mbps	157	5785	7.816	9.666	8.282	8.101	94.71	14.784	≤ 30.00
11a	6Mbps	165	5825	8.180	9.765	7.734	8.184	94.71	14.795	≤ 30.00
11ac-VHT20	MCS0	149	5745	8.416	9.394	8.013	8.107	98.07	14.539	≤ 30.00
11ac-VHT20	MCS0	157	5785	7.489	9.234	8.001	7.786	98.07	14.201	≤ 30.00
11ac-VHT20	MCS0	165	5825	7.995	9.621	7.670	7.986	98.07	14.410	≤ 30.00
11ac-VHT40	MCS0	151	5755	5.514	5.729	5.476	5.583	96.40	11.756	≤ 30.00
11ac-VHT40	MCS0	159	5795	4.584	6.303	5.493	5.520	96.40	11.697	≤ 30.00
11ac-VHT80	MCS0	155	5775	-1.024	-0.430	-0.737	-1.238	92.91	5.493	≤ 30.00
11ax-HE20	MCS0	149	5745	8.812	9.182	7.846	7.807	97.51	14.583	≤ 30.00
11ax-HE20	MCS0	157	5785	7.814	9.214	7.804	7.764	97.51	14.325	≤ 30.00
11ax-HE20	MCS0	165	5825	8.235	9.411	7.194	7.729	97.51	14.352	≤ 30.00
11ax-HE40	MCS0	151	5755	4.527	4.560	4.132	4.463	95.66	10.637	≤ 30.00
11ax-HE40	MCS0	159	5795	4.801	5.887	5.327	5.045	95.66	11.497	≤ 30.00
11ax-HE80	MCS0	155	5775	-0.725	-0.759	-0.864	-1.639	92.24	5.390	≤ 30.00
11be-EHT20	MCS0	149	5745	8.336	8.761	7.292	7.753	97.52	14.201	≤ 30.00
11be-EHT20	MCS0	157	5785	7.903	9.189	8.040	8.262	97.52	14.508	≤ 30.00
11be-EHT20	MCS0	165	5825	8.302	9.691	7.437	8.156	97.52	14.605	≤ 30.00
11be-EHT40	MCS0	151	5755	5.517	5.549	4.864	5.448	95.63	11.568	≤ 30.00
11be-EHT40	MCS0	159	5795	4.923	6.340	5.520	5.524	95.63	11.821	≤ 30.00
11be-EHT80	MCS0	155	5775	-0.792	-0.202	-1.077	-0.897	92.10	5.649	≤ 30.00

Note:

When EUT duty cycle < 98%, the total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.

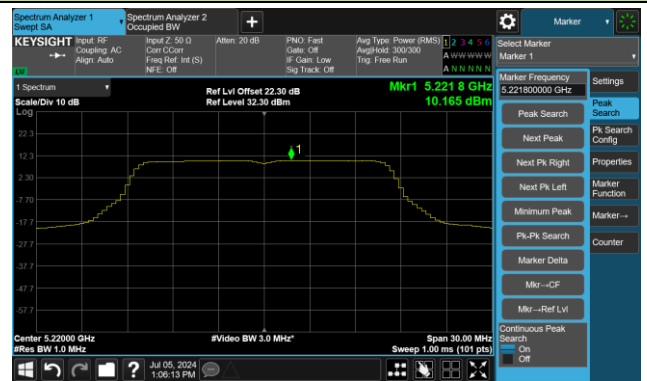
When EUT duty cycle ≥ 98%, the total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}\}$.

802.11a Power Spectral Density - Ant 0

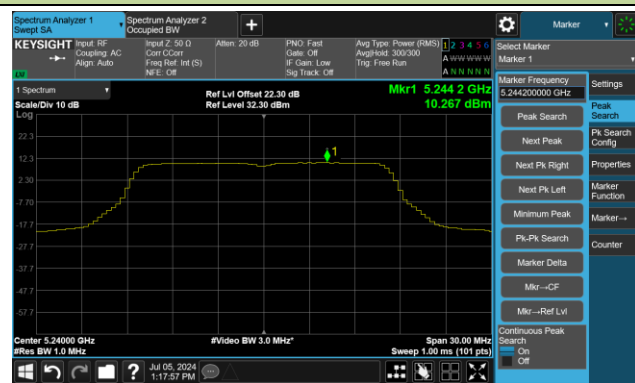
Channel 36 (5180MHz)



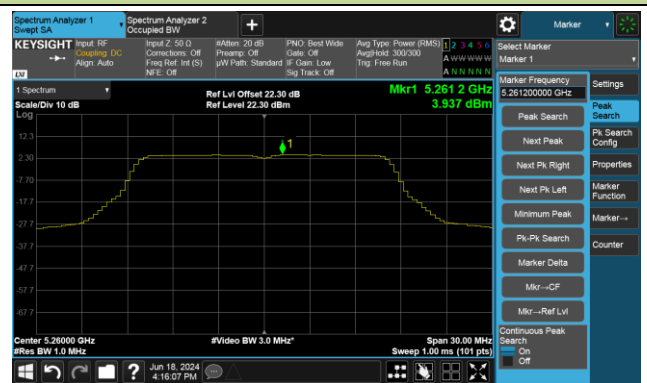
Channel 44 (5220MHz)



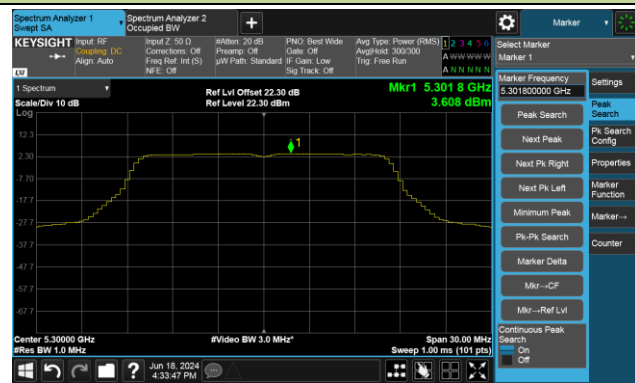
Channel 48 (5240MHz)



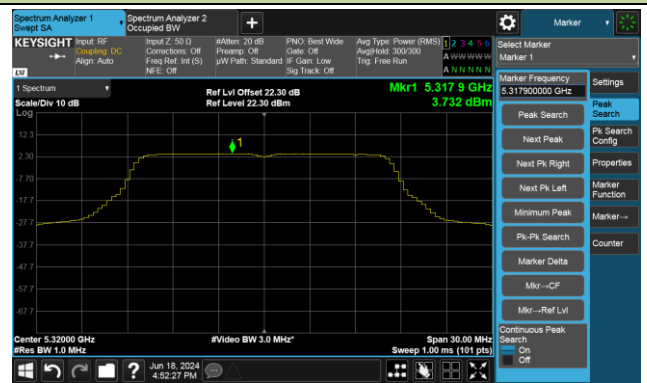
Channel 52 (5260MHz)



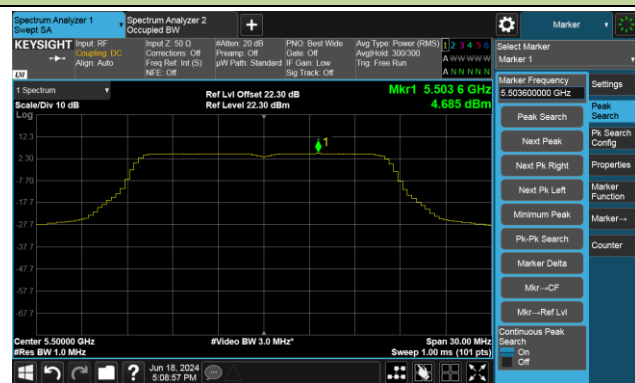
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)



802.11a Power Spectral Density - Ant 0

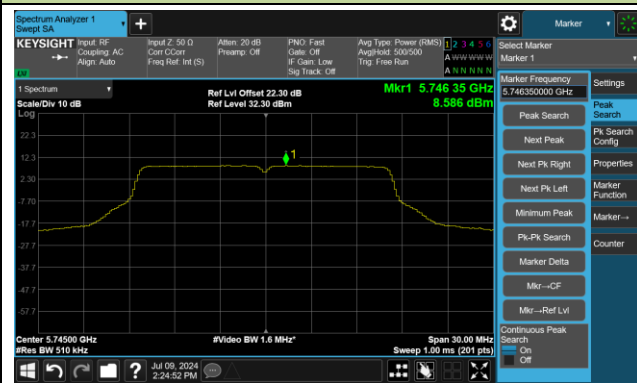
Channel 140 (5700MHz)



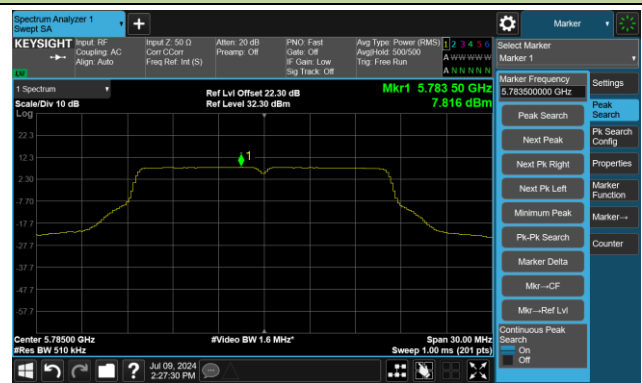
Channel 144 (5720MHz)



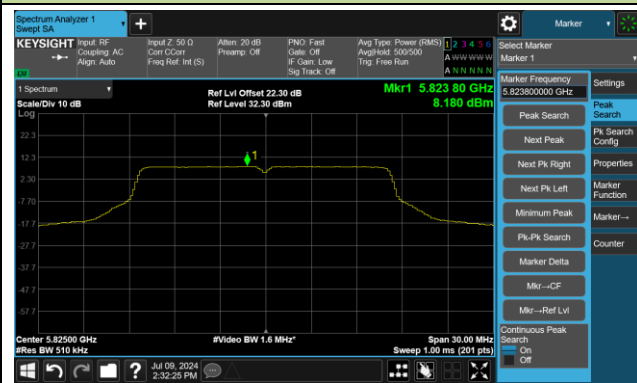
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11ac-VHT20 Power Spectral Density - Ant 0

Channel 36 (5180MHz)



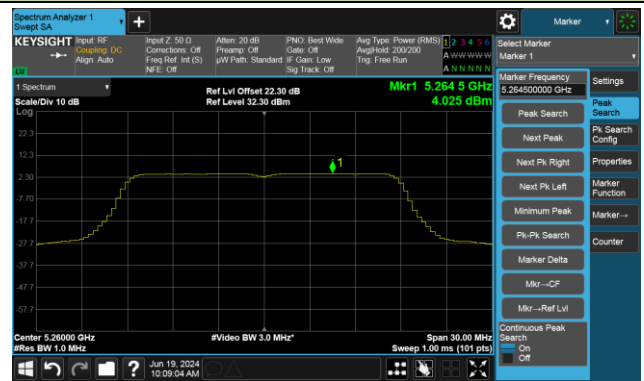
Channel 44 (5220MHz)



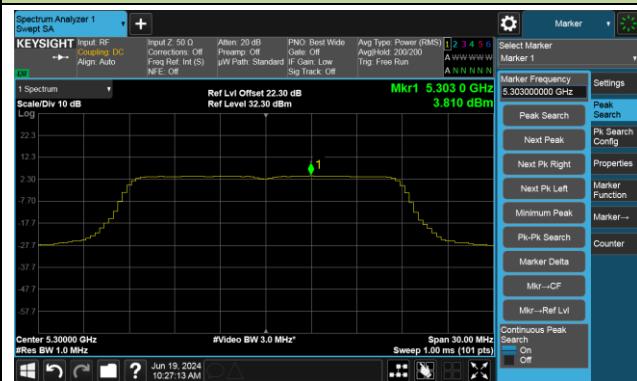
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

