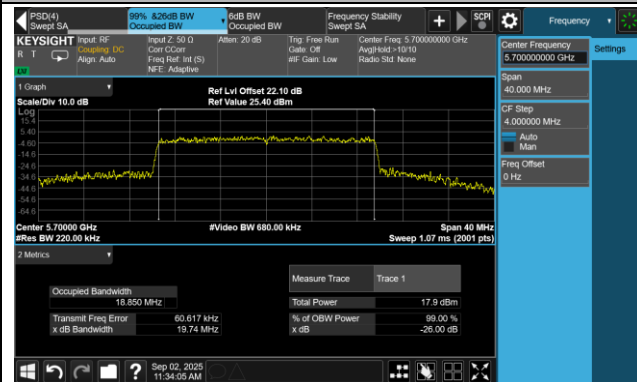
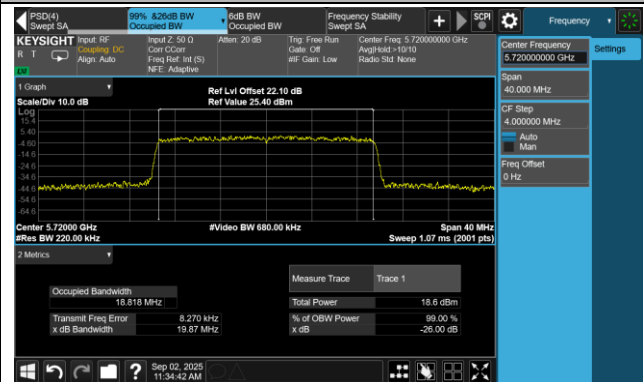


802.11be-EHT20 26 dB Bandwidth & 99% Bandwidth

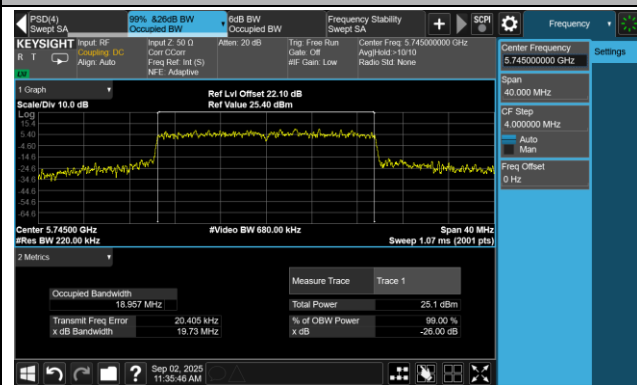
Channel 140 (5700 MHz)



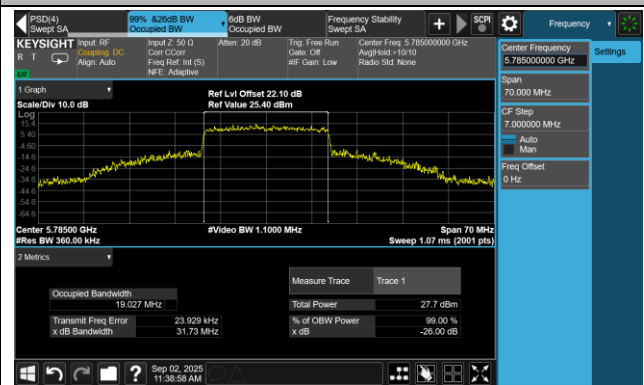
Channel 144 (5720 MHz)



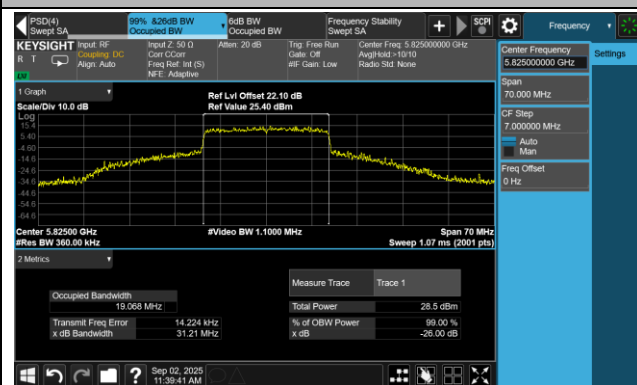
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

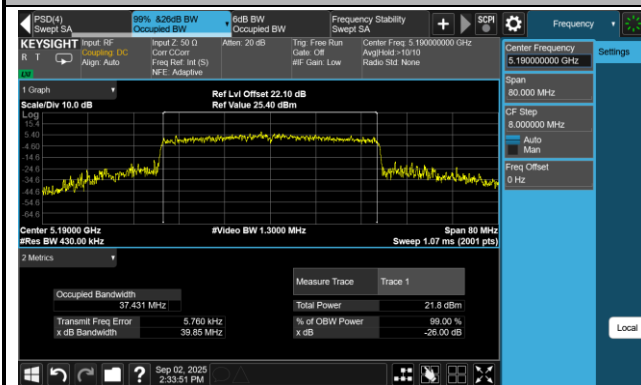


Channel 165 (5825 MHz)

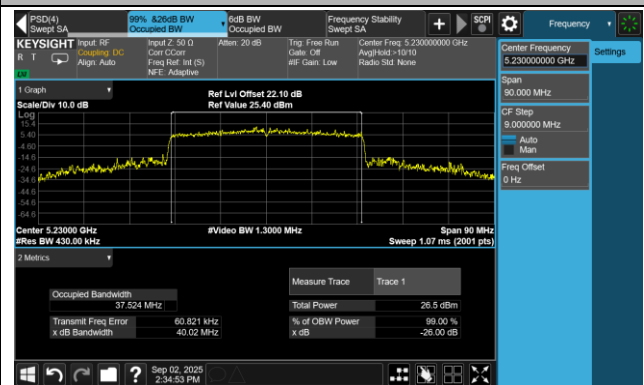


802.11be-EHT40 26 dB Bandwidth & 99% Bandwidth

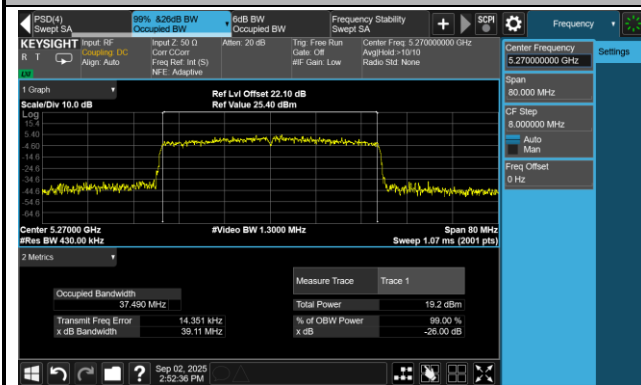
Channel 38 (5190 MHz)



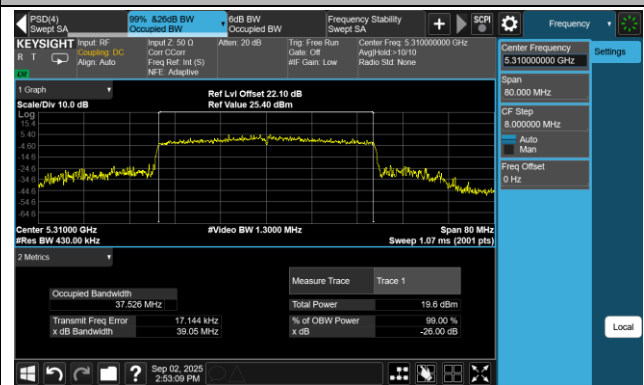
Channel 46 (5230 MHz)



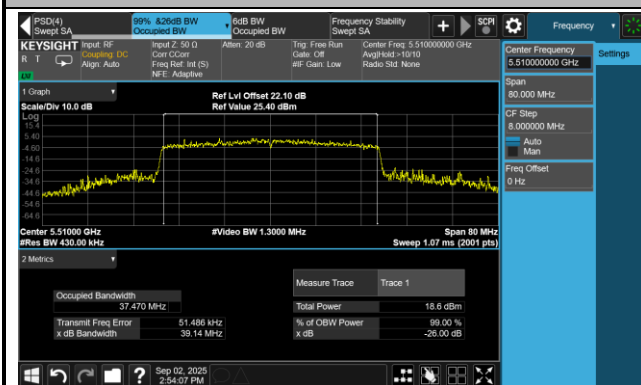
Channel 54 (5270 MHz)



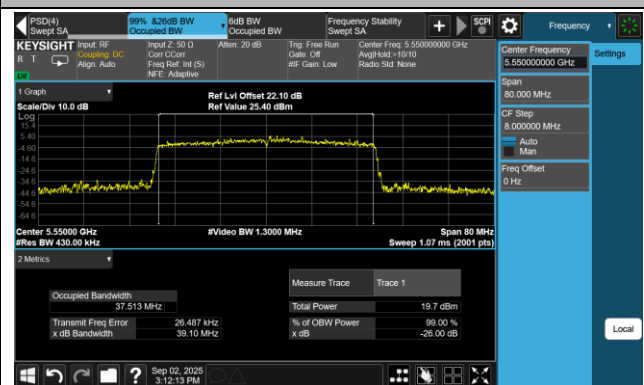
Channel 62 (5310 MHz)



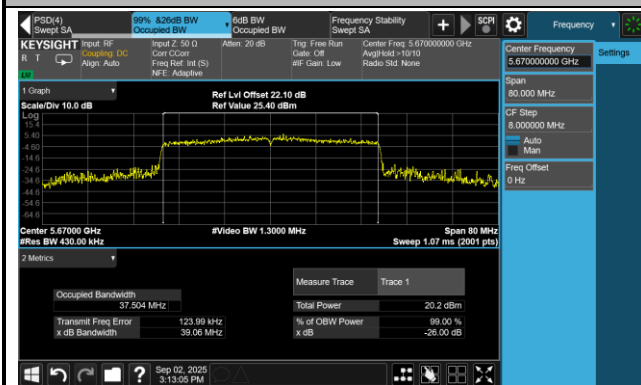
Channel 102 (5510 MHz)



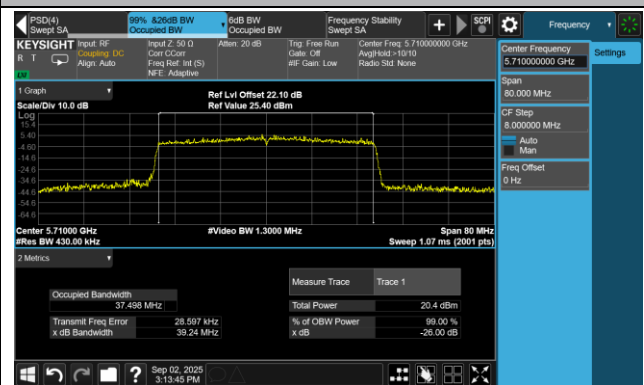
Channel 110 (5550 MHz)



Channel 134 (5670 MHz)



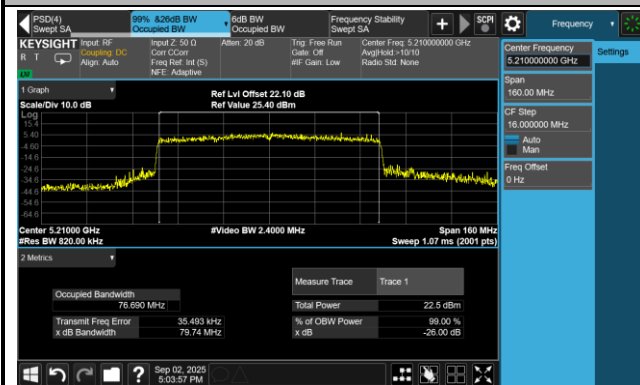
Channel 142(5710 MHz)



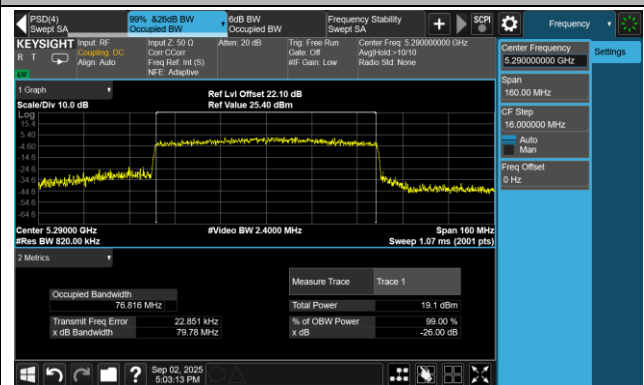


802.11be-EHT80 26 dB Bandwidth & 99% Bandwidth

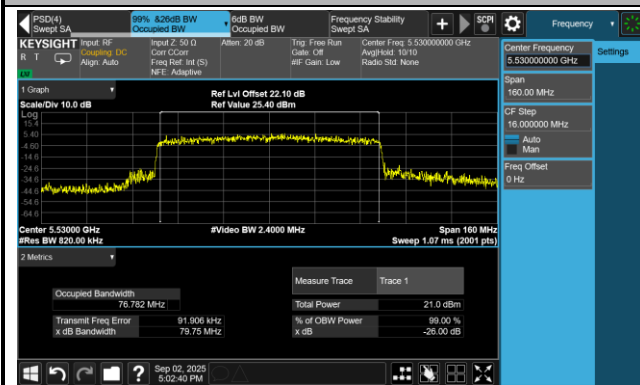
Channel 42 (5210 MHz)



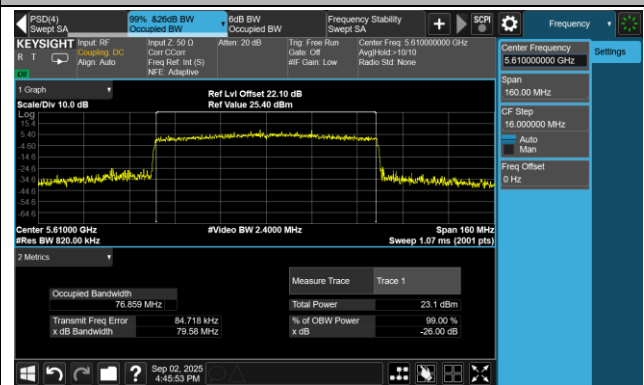
Channel 58 (5290 MHz)



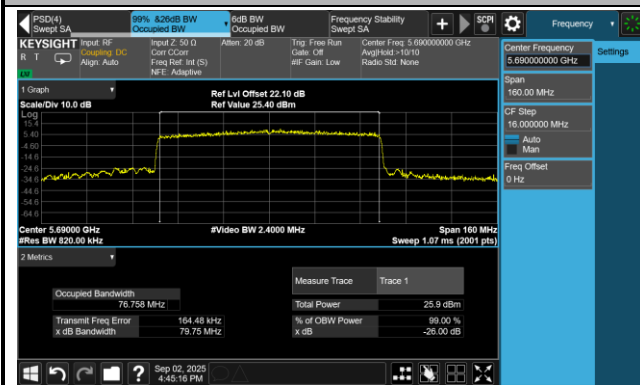
Channel 106 (5530 MHz)



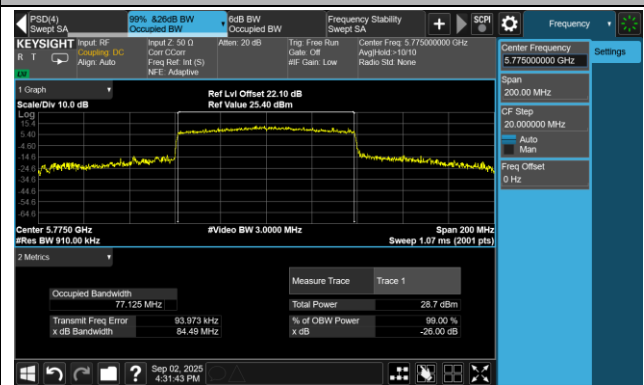
Channel 122 (5610 MHz)

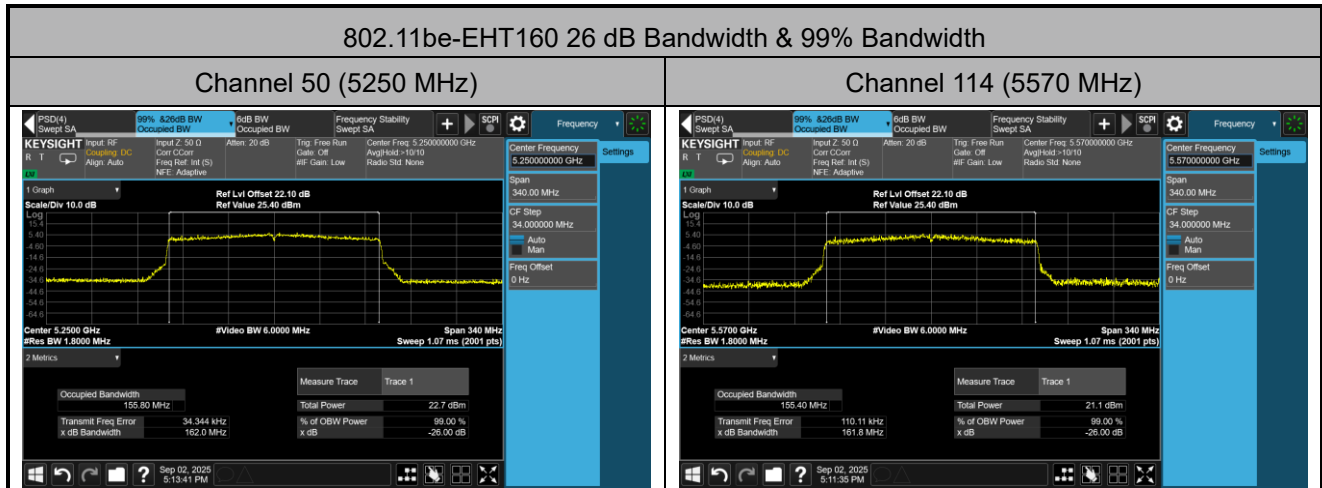


Channel 138 (5690 MHz)



Channel 155 (5775 MHz)

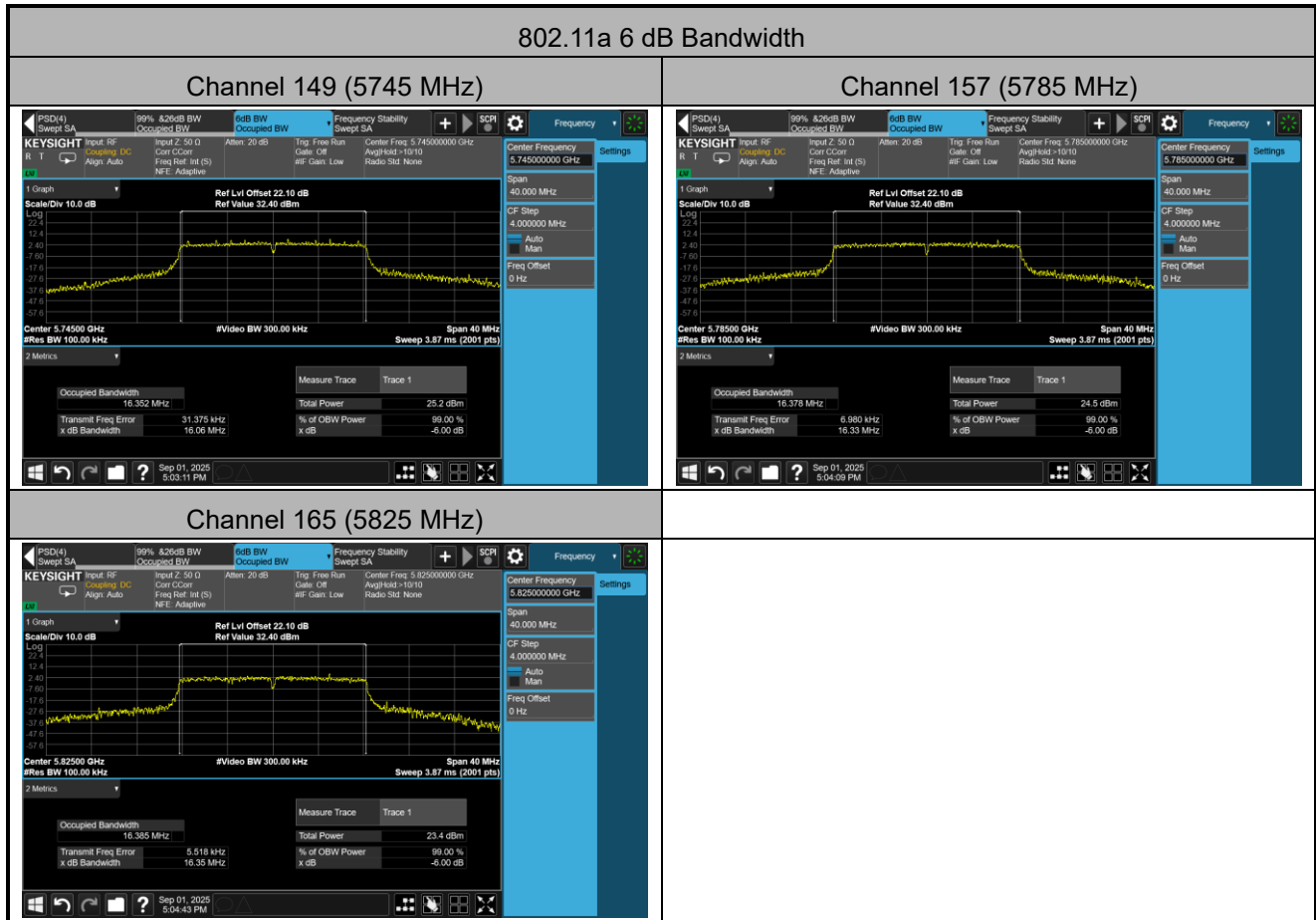




A.3 6 dB Bandwidth Test Result

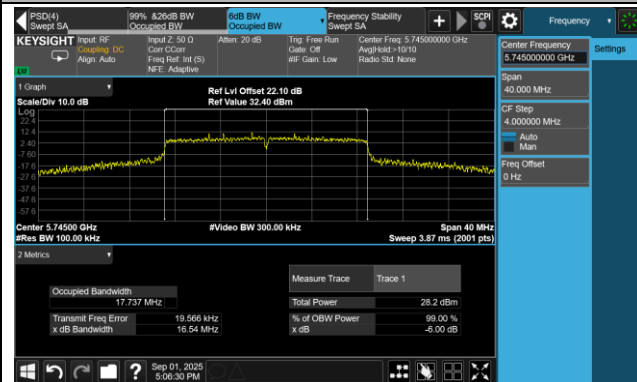
Test Site	WJ-SR2	Test Engineer	Layla Gui
Test Date	2025-09-01		

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)
11a	6 Mbps	149	5745	16.06	≥ 0.5
11a	6 Mbps	157	5785	16.33	≥ 0.5
11a	6 Mbps	165	5825	16.35	≥ 0.5
11ac-VHT20	MCS0	149	5745	16.54	≥ 0.5
11ac-VHT20	MCS0	157	5785	16.98	≥ 0.5
11ac-VHT20	MCS0	165	5825	16.17	≥ 0.5
11ac-VHT40	MCS0	151	5755	35.11	≥ 0.5
11ac-VHT40	MCS0	159	5795	35.01	≥ 0.5
11ac-VHT80	MCS0	155	5775	75.14	≥ 0.5
11be-EHT20	MCS0	149	5745	17.48	≥ 0.5
11be-EHT20	MCS0	157	5785	16.33	≥ 0.5
11be-EHT20	MCS0	165	5825	17.84	≥ 0.5
11be-EHT40	MCS0	151	5755	33.31	≥ 0.5
11be-EHT40	MCS0	159	5795	35.09	≥ 0.5
11be-EHT80	MCS0	155	5775	73.92	≥ 0.5

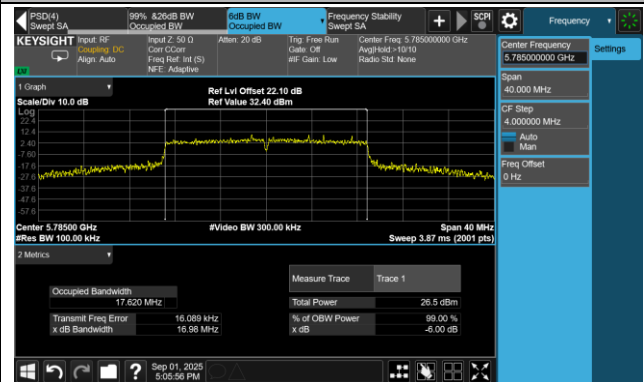


802.11ac-VHT20 6 dB Bandwidth

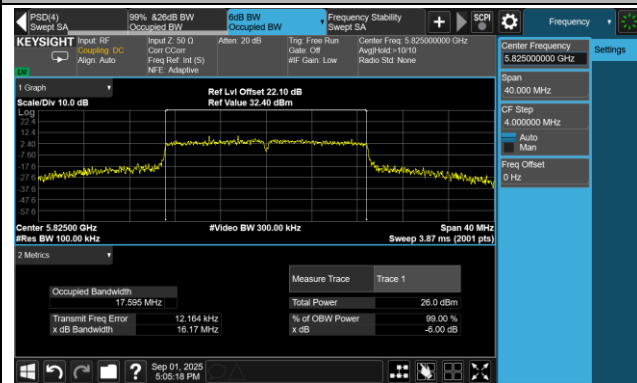
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

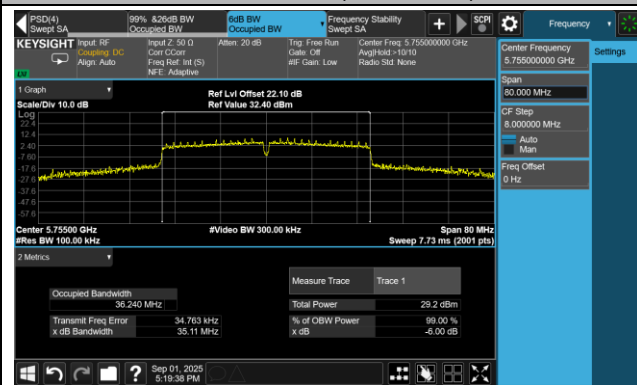


Channel 165 (5825 MHz)

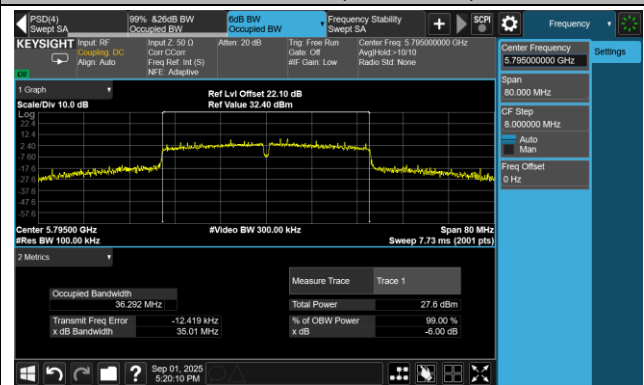


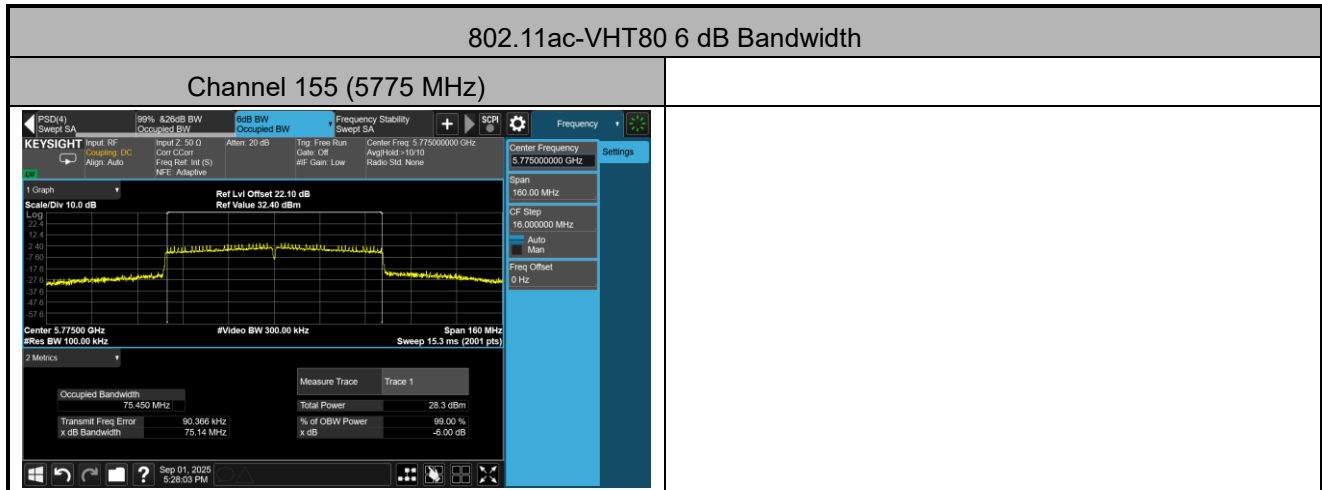
802.11ac-VHT40 6 dB Bandwidth

Channel 151 (5755 MHz)



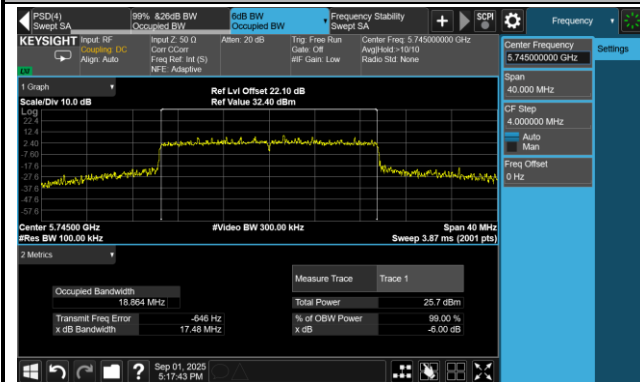
Channel 159 (5795 MHz)



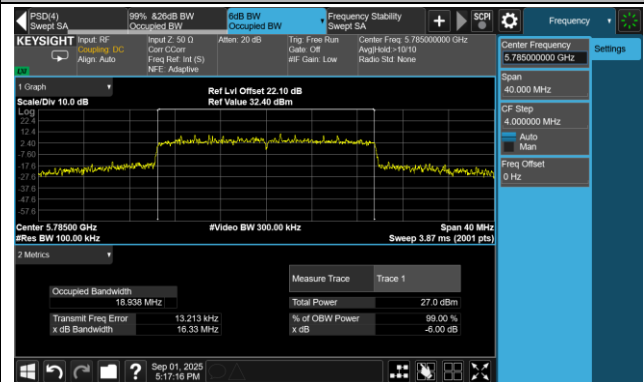


802.11be-EHT20 6 dB Bandwidth

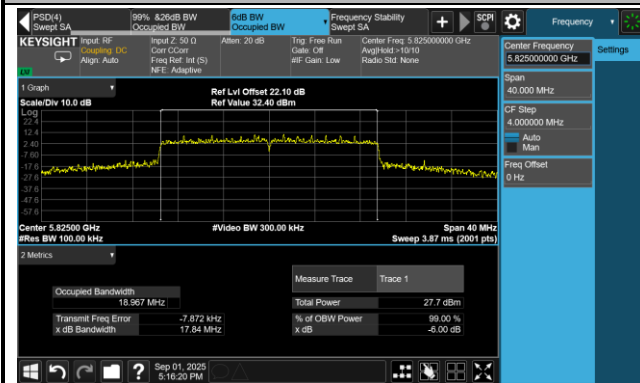
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

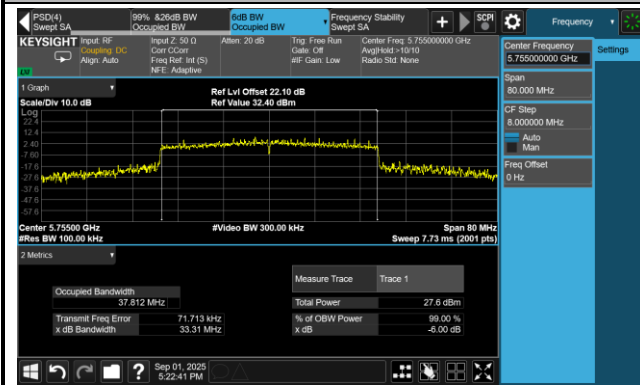


Channel 165 (5825 MHz)

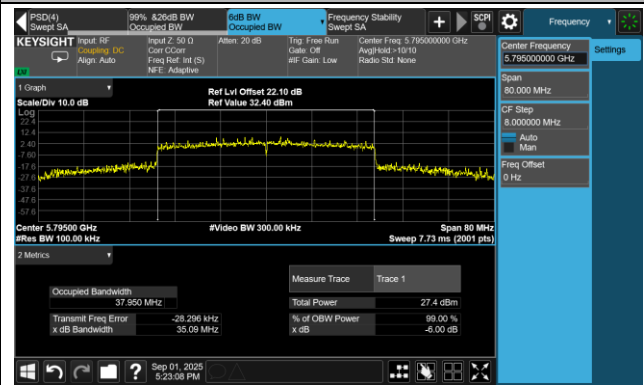


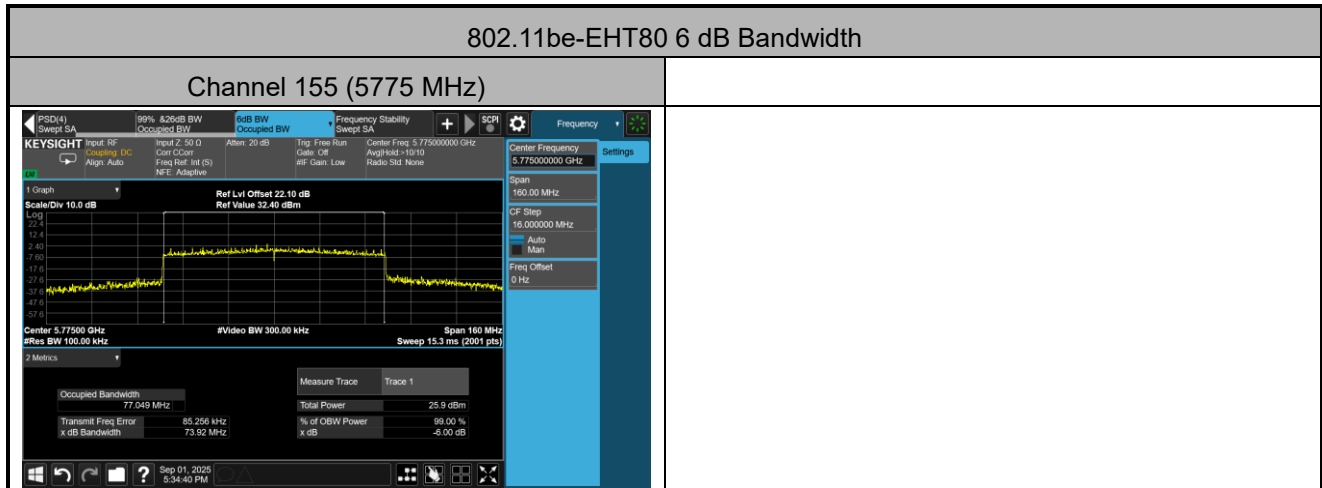
802.11be-EHT40 6 dB Bandwidth

Channel 151 (5755 MHz)



Channel 159 (5795 MHz)





A.4 Output Power Test Result

Test Site	WJ-SR2	Test Engineer	Layla Gui
Test Date	2025-08-08 ~ 2025-08-29	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	Ant 4		
11a	6 Mbps	36	5180	17.85	18.16	17.83	17.77	17.53	24.82	≤ 30.00
11a	6 Mbps	44	5220	18.03	19.36	18.02	18.06	18.86	25.49	≤ 30.00
11a	6 Mbps	48	5240	18.00	19.19	17.94	18.89	18.01	25.43	≤ 30.00
11a	6 Mbps	52	5260	12.36	13.63	13.84	13.27	12.47	20.14	≤ 23.61
11a	6 Mbps	60	5300	12.36	13.08	13.47	13.06	12.27	19.86	≤ 23.68
11a	6 Mbps	64	5320	11.83	12.71	13.19	12.54	11.99	19.47	≤ 23.67
11a	6 Mbps	100	5500	11.91	11.72	11.94	11.21	11.71	18.70	≤ 23.64
11a	6 Mbps	116	5580	12.35	12.65	11.71	11.83	11.43	19.01	≤ 23.59
11a	6 Mbps	140	5700	11.64	12.11	11.94	12.08	11.49	18.85	≤ 23.58
11a	6 Mbps	144	5720	11.89	12.52	11.51	12.21	11.93	19.01	≤ 22.49
11a	6 Mbps	149	5745	19.03	19.49	19.29	19.23	18.87	26.18	≤ 30.00
11a	6 Mbps	157	5785	19.57	19.70	19.83	19.61	19.46	26.63	≤ 30.00
11a	6 Mbps	165	5825	19.23	19.56	19.69	19.78	18.71	26.40	≤ 30.00
11ac-VHT20	MCS0	36	5180	18.31	17.94	17.82	17.97	17.65	24.93	≤ 30.00
11ac-VHT20	MCS0	44	5220	17.92	19.18	17.73	18.31	18.05	25.26	≤ 30.00
11ac-VHT20	MCS0	48	5240	18.24	19.40	18.06	18.26	18.91	25.59	≤ 30.00
11ac-VHT20	MCS0	52	5260	12.11	12.97	13.51	13.47	12.67	19.97	≤ 23.73
11ac-VHT20	MCS0	60	5300	11.89	13.22	13.21	12.66	11.75	19.58	≤ 23.73
11ac-VHT20	MCS0	64	5320	12.29	13.22	13.74	12.84	12.36	19.91	≤ 23.73
11ac-VHT20	MCS0	100	5500	12.46	11.71	12.47	12.13	11.57	19.07	≤ 23.76
11ac-VHT20	MCS0	116	5580	12.18	12.24	11.69	11.52	11.28	18.79	≤ 23.78
11ac-VHT20	MCS0	140	5700	12.00	12.33	11.11	11.65	10.89	18.62	≤ 23.78
11ac-VHT20	MCS0	144	5720	11.82	12.76	11.58	12.18	11.61	19.00	≤ 22.58
11ac-VHT20	MCS0	149	5745	22.53	22.91	22.85	22.84	22.83	29.78	≤ 30.00
11ac-VHT20	MCS0	157	5785	21.86	22.11	22.01	22.09	21.71	28.95	≤ 30.00
11ac-VHT20	MCS0	165	5825	21.64	22.19	22.23	21.84	21.14	28.82	≤ 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	Ant 4		
11ac-VHT40	MCS0	38	5190	15.88	15.91	15.49	15.29	14.89	22.50	≤ 30.00
11ac-VHT40	MCS0	46	5230	20.21	20.16	20.13	20.18	20.03	27.13	≤ 30.00
11ac-VHT40	MCS0	54	5270	14.01	15.44	15.29	14.96	14.44	21.85	≤ 23.98
11ac-VHT40	MCS0	62	5310	14.25	15.14	15.14	14.81	14.41	21.76	≤ 23.98
11ac-VHT40	MCS0	102	5510	14.01	15.06	15.26	14.73	13.97	21.63	≤ 23.98
11ac-VHT40	MCS0	110	5550	14.12	14.73	15.04	14.81	14.36	21.61	≤ 23.98
11ac-VHT40	MCS0	134	5670	14.02	14.57	14.45	14.49	13.68	21.24	≤ 23.98
11ac-VHT40	MCS0	142	5710	14.29	14.67	14.62	14.82	14.12	21.50	≤ 23.98
11ac-VHT40	MCS0	151	5755	22.57	22.74	22.59	22.63	22.01	29.51	≤ 30.00
11ac-VHT40	MCS0	159	5795	22.36	22.74	22.57	22.61	22.34	29.52	≤ 30.00
11ac-VHT80	MCS0	42	5210	15.24	15.62	15.21	15.27	15.02	22.27	≤ 30.00
11ac-VHT80	MCS0	58	5290	12.23	13.55	13.39	12.94	12.78	19.99	≤ 23.98
11ac-VHT80	MCS0	106	5530	15.74	16.76	16.96	16.32	15.98	23.37	≤ 23.98
11ac-VHT80	MCS0	122	5610	16.28	16.72	16.63	16.87	16.42	23.58	≤ 23.98
11ac-VHT80	MCS0	138	5690	16.56	16.64	16.76	16.68	16.15	23.55	≤ 23.98
11ac-VHT80	MCS0	155	5775	21.09	20.80	20.95	20.86	20.54	27.84	≤ 30.00
11ac-VHT160	MCS0	50	5250	12.13	12.74	12.35	12.49	12.61	19.46	≤ 23.98
11ac-VHT160	MCS0	114	5570	13.44	14.05	14.38	13.89	13.33	20.83	≤ 23.98
11be-EHT20	MCS0	36	5180	18.86	18.84	18.48	18.75	18.56	25.69	≤ 30.00
11be-EHT20	MCS0	44	5220	17.79	18.81	17.87	17.64	18.55	25.15	≤ 30.00
11be-EHT20	MCS0	48	5240	18.36	18.34	18.17	19.07	17.88	25.37	≤ 30.00
11be-EHT20	MCS0	52	5260	12.21	12.86	12.35	13.04	12.78	19.65	≤ 23.98
11be-EHT20	MCS0	60	5300	11.94	12.86	13.08	11.71	11.79	19.30	≤ 23.95
11be-EHT20	MCS0	64	5320	11.48	12.82	12.03	12.40	11.36	19.04	≤ 23.95
11be-EHT20	MCS0	100	5500	11.84	12.11	12.42	11.79	11.40	18.92	≤ 23.97
11be-EHT20	MCS0	116	5580	11.25	11.62	11.14	11.87	11.02	18.38	≤ 23.95
11be-EHT20	MCS0	140	5700	11.56	12.69	12.16	12.53	11.97	19.19	≤ 23.95
11be-EHT20	MCS0	144	5720	12.36	13.18	12.26	12.64	12.14	19.52	≤ 22.74
11be-EHT20	MCS0	149	5745	19.86	20.64	20.26	20.53	20.11	27.28	≤ 30.00
11be-EHT20	MCS0	157	5785	22.02	22.21	22.13	22.07	21.83	29.04	≤ 30.00
11be-EHT20	MCS0	165	5825	22.36	22.82	22.87	22.31	22.27	29.52	≤ 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	Ant 4		
11be-EHT40	MCS0	38	5190	16.36	16.39	15.84	16.19	15.62	23.08	≤ 30.00
11be-EHT40	MCS0	46	5230	19.54	20.05	20.31	20.15	19.69	26.95	≤ 30.00
11be-EHT40	MCS0	54	5270	14.48	15.14	15.23	15.02	14.65	21.90	≤ 23.98
11be-EHT40	MCS0	62	5310	13.44	14.47	14.56	14.19	14.06	21.15	≤ 23.98
11be-EHT40	MCS0	102	5510	14.39	15.18	15.57	15.19	14.16	21.92	≤ 23.98
11be-EHT40	MCS0	110	5550	14.31	15.05	15.51	15.11	14.35	21.88	≤ 23.98
11be-EHT40	MCS0	134	5670	14.48	14.36	14.68	14.63	13.75	21.38	≤ 23.98
11be-EHT40	MCS0	142	5710	13.86	14.25	14.28	14.05	13.63	21.01	≤ 23.98
11be-EHT40	MCS0	151	5755	22.53	22.78	22.65	22.69	22.35	29.59	≤ 30.00
11be-EHT40	MCS0	159	5795	22.69	22.95	22.67	22.86	22.54	29.73	≤ 30.00
11be-EHT80	MCS0	42	5210	15.62	16.01	15.73	15.44	15.31	22.62	≤ 30.00
11be-EHT80	MCS0	58	5290	13.62	14.98	14.69	14.26	13.88	21.30	≤ 23.98
11be-EHT80	MCS0	106	5530	15.91	16.64	17.08	16.72	16.24	23.53	≤ 23.98
11be-EHT80	MCS0	122	5610	16.27	16.71	16.94	16.87	16.51	23.66	≤ 23.98
11be-EHT80	MCS0	138	5690	16.36	16.56	16.29	16.87	16.01	23.42	≤ 23.98
11be-EHT80	MCS0	155	5775	19.81	20.09	20.03	20.13	19.32	26.88	≤ 30.00
11be-EHT160	MCS0	50	5250	13.09	13.49	12.29	13.33	12.18	19.90	≤ 23.98
11be-EHT160	MCS0	114	5570	13.68	14.32	14.65	14.15	13.41	21.05	≤ 23.98

Note 1: Total Average Power (dBm) = $10 \times \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)} + 10^{(\text{Ant 4 Average Power} / 10)}\}$.

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

A.5 Power Spectral Density Test Result

Test Site	WJ-SR2	Test Engineer	Layla Gui
Test Date	2025-08-09 ~ 2025-08-30		
Test Item	Power Spectral Density (UNII-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	Ant 4			
11a	6 Mbps	36	5180	6.926	7.415	6.839	6.806	6.409	96.33	14.04	≤ 14.57
11a	6 Mbps	44	5220	6.534	7.913	6.583	6.432	7.171	96.33	14.12	≤ 14.57
11a	6 Mbps	48	5240	6.588	7.957	6.794	6.656	7.288	96.33	14.24	≤ 14.57
11a	6 Mbps	52	5260	0.795	1.796	2.142	0.820	1.154	96.33	8.53	≤ 8.57
11a	6 Mbps	60	5300	0.722	1.689	1.855	1.474	0.490	96.33	8.43	≤ 8.57
11a	6 Mbps	64	5320	0.730	1.468	1.930	0.787	0.984	96.33	8.36	≤ 8.57
11a	6 Mbps	100	5500	0.901	0.689	0.769	0.435	0.240	96.33	7.77	≤ 8.29
11a	6 Mbps	116	5580	0.736	1.380	1.247	1.068	0.619	96.33	8.17	≤ 8.29
11a	6 Mbps	140	5700	1.045	1.001	0.828	0.904	0.173	96.33	7.95	≤ 8.29
11a	6 Mbps	144	5720	0.589	1.191	0.999	1.239	0.373	96.33	8.04	≤ 8.29
11ac-VHT20	MCS0	36	5180	7.002	7.735	6.635	6.679	7.128	96.11	14.22	≤ 14.57
11ac-VHT20	MCS0	44	5220	6.595	7.498	6.172	7.642	6.552	96.11	14.09	≤ 14.57
11ac-VHT20	MCS0	48	5240	6.644	7.572	6.560	6.939	7.211	96.11	14.16	≤ 14.57
11ac-VHT20	MCS0	52	5260	0.406	1.563	1.892	1.064	0.963	96.11	8.37	≤ 8.57
11ac-VHT20	MCS0	60	5300	0.500	1.440	1.953	1.413	0.312	96.11	8.33	≤ 8.57
11ac-VHT20	MCS0	64	5320	0.293	1.495	1.181	0.894	0.025	96.11	7.97	≤ 8.57
11ac-VHT20	MCS0	100	5500	1.472	0.722	1.281	1.267	0.331	96.11	8.20	≤ 8.29
11ac-VHT20	MCS0	116	5580	1.073	1.067	0.656	1.199	0.096	96.11	8.00	≤ 8.29
11ac-VHT20	MCS0	140	5700	0.850	1.345	0.488	0.670	0.011	96.11	7.86	≤ 8.29
11ac-VHT20	MCS0	144	5720	0.345	0.799	-0.217	0.859	0.577	96.11	7.65	≤ 8.29
11ac-VHT40	MCS0	38	5190	3.171	3.611	3.293	3.335	2.858	91.21	10.65	≤ 14.57
11ac-VHT40	MCS0	46	5230	6.690	7.078	7.005	6.740	6.868	91.21	14.27	≤ 14.57
11ac-VHT40	MCS0	54	5270	0.177	1.451	1.782	0.986	1.157	91.21	8.53	≤ 8.57
11ac-VHT40	MCS0	62	5310	0.235	1.596	1.388	1.292	0.946	91.21	8.51	≤ 8.57
11ac-VHT40	MCS0	102	5510	-0.065	0.716	1.302	0.680	0.274	91.21	8.00	≤ 8.29
11ac-VHT40	MCS0	110	5550	-0.144	0.526	1.077	0.711	0.076	91.21	7.86	≤ 8.29
11ac-VHT40	MCS0	134	5670	0.671	1.056	1.067	1.025	0.269	91.21	8.22	≤ 8.29
11ac-VHT40	MCS0	142	5710	0.555	1.161	1.093	1.058	0.471	91.21	8.27	≤ 8.29

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	Ant 4			
11ac-VHT80	MCS0	42	5210	-1.068	-0.443	-0.788	-0.789	-0.987	85.77	6.85	≤ 14.57
11ac-VHT80	MCS0	58	5290	-4.210	-3.287	-3.097	-3.328	-3.516	85.77	4.19	≤ 8.57
11ac-VHT80	MCS0	106	5530	-1.045	-0.617	-0.042	-0.694	-1.313	85.77	6.94	≤ 8.29
11ac-VHT80	MCS0	122	5610	-0.617	0.064	-0.141	-0.131	-0.854	85.77	7.33	≤ 8.29
11ac-VHT80	MCS0	138	5690	-0.163	0.199	0.352	0.295	0.109	85.77	7.82	≤ 8.29
11ac-VHT160	MCS0	50	5250	-6.552	-6.229	-6.005	-6.525	-7.151	74.75	1.78	≤ 8.57
11ac-VHT160	MCS0	114	5570	-5.453	-4.307	-4.624	-4.737	-5.316	74.75	3.39	≤ 8.29
11be-EHT20	MCS0	36	5180	6.505	6.524	6.448	6.580	6.548	83.82	14.28	≤ 14.57
11be-EHT20	MCS0	44	5220	5.847	7.326	6.206	6.220	7.058	83.82	14.32	≤ 14.57
11be-EHT20	MCS0	48	5240	6.200	7.575	6.122	6.106	6.886	83.82	14.37	≤ 14.57
11be-EHT20	MCS0	52	5260	-0.137	1.193	1.427	0.601	0.485	83.82	8.50	≤ 8.57
11be-EHT20	MCS0	60	5300	-0.396	1.000	0.893	-0.228	-0.005	83.82	8.05	≤ 8.57
11be-EHT20	MCS0	64	5320	-0.438	0.745	0.854	0.107	0.274	83.82	8.09	≤ 8.57
11be-EHT20	MCS0	100	5500	0.367	0.450	0.320	-0.311	0.313	83.82	7.99	≤ 8.29
11be-EHT20	MCS0	116	5580	0.041	0.875	0.076	0.629	-0.629	83.82	7.99	≤ 8.29
11be-EHT20	MCS0	140	5700	-0.076	0.730	0.096	0.321	-0.008	83.82	7.98	≤ 8.29
11be-EHT20	MCS0	144	5720	0.412	0.993	0.160	0.009	0.015	83.82	8.09	≤ 8.29
11be-EHT40	MCS0	38	5190	3.173	3.307	3.015	3.138	2.586	83.66	10.82	≤ 14.57
11be-EHT40	MCS0	46	5230	6.394	6.670	6.444	6.183	6.153	83.66	14.14	≤ 14.57
11be-EHT40	MCS0	54	5270	0.167	0.977	1.218	0.666	0.267	83.66	8.44	≤ 8.57
11be-EHT40	MCS0	62	5310	-0.340	1.099	1.081	0.154	-0.126	83.66	8.18	≤ 8.57
11be-EHT40	MCS0	102	5510	-0.041	0.354	0.755	0.052	-0.742	83.66	7.87	≤ 8.29
11be-EHT40	MCS0	110	5550	-0.377	0.475	1.224	0.301	-0.187	83.66	8.09	≤ 8.29
11be-EHT40	MCS0	134	5670	0.045	0.847	0.346	0.616	0.060	83.66	8.16	≤ 8.29
11be-EHT40	MCS0	142	5710	-0.129	0.279	0.257	0.263	-0.293	83.66	7.85	≤ 8.29
11be-EHT80	MCS0	42	5210	-0.899	-0.102	-0.064	-0.356	-0.645	82.89	7.40	≤ 14.57
11be-EHT80	MCS0	58	5290	-4.136	-2.596	-2.441	-2.992	-3.535	82.89	4.71	≤ 8.57
11be-EHT80	MCS0	106	5530	-0.800	-0.499	0.256	-0.329	-1.100	82.89	7.33	≤ 8.29
11be-EHT80	MCS0	122	5610	-0.364	0.031	0.239	0.462	-0.301	82.89	7.83	≤ 8.29
11be-EHT80	MCS0	138	5690	0.026	0.105	0.185	0.244	-0.181	82.89	7.88	≤ 8.29
11be-EHT160	MCS0	50	5250	-6.308	-5.725	-5.710	-5.670	-6.528	83.04	1.82	≤ 8.57
11be-EHT160	MCS0	114	5570	-5.294	-4.448	-4.269	-4.437	-5.448	83.04	3.04	≤ 8.29

Note 1:

Duty Cycle < 98%, Total PSD (dBm/MHz) = $10 \times \log \{10^{(\text{Ant 0 AVPSD}/10)} + 10^{(\text{Ant 1 AVPSD}/10)} + 10^{(\text{Ant 2 AVPSD}/10)} + 10^{(\text{Ant 3 AVPSD}/10)} + 10^{(\text{Ant 4 AVPSD}/10)}\} + 10 \times \log (1/\text{Duty cycle})$;

Duty Cycle $\geq$ 98%, Total PSD (dBm/MHz) = $10 \times \log \{10^{(\text{Ant 0 AVPSD}/10)} + 10^{(\text{Ant 1 AVPSD}/10)} + 10^{(\text{Ant 2 AVPSD}/10)} + 10^{(\text{Ant 3 AVPSD}/10)} + 10^{(\text{Ant 4 AVPSD}/10)}\}$.

Note 2:

For 5125 - 5250 MHz Band: PSD Limit (dBm/MHz) = 17 - (8.43 - 6) = 14.57 dBm/MHz

For 5250 - 5350 MHz Band: PSD Limit (dBm/MHz) = 11 - (8.43 - 6) = 8.57 dBm/MHz.

For 5470 - 5725 MHz Band: PSD Limit (dBm/MHz) = 11 - (8.71 - 6) = 8.29 dBm/MHz.

Test Site	WJ-SR2	Test Engineer	Layla Gui
Test Date	2025-08-09 ~ 2025-08-30		
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate / MCS	Channel No.	Freq (MHz)	AVPSD (dBm/MHz)					Duty Cycle (%)	Total PSD (dBm/ 500 kHz)	PSD Limit (dBm/ 500 kHz)
				Ant 0	Ant 1	Ant 2	Ant 3	Ant 4			
11a	6 Mbps	149	5745	5.690	5.831	5.729	5.309	4.917	96.33	12.66	≤ 27.34
11a	6 Mbps	157	5785	5.869	6.318	5.722	5.583	5.427	96.33	12.95	≤ 27.34
11a	6 Mbps	165	5825	5.147	5.409	5.499	5.090	4.915	96.33	12.37	≤ 27.34
11ac-VHT20	MCS0	149	5745	8.282	8.884	8.205	8.531	8.159	96.11	15.58	≤ 27.34
11ac-VHT20	MCS0	157	5785	7.627	8.205	7.158	7.469	7.630	96.11	14.79	≤ 27.34
11ac-VHT20	MCS0	165	5825	7.200	7.965	7.584	6.876	7.334	96.11	14.57	≤ 27.34
11ac-VHT40	MCS0	151	5755	6.419	6.694	6.269	6.575	6.412	91.21	13.87	≤ 27.34
11ac-VHT40	MCS0	159	5795	6.424	6.760	6.087	6.365	6.202	91.21	12.97	≤ 27.34
11ac-VHT80	MCS0	155	5775	1.327	1.932	2.367	2.160	1.984	85.77	9.62	≤ 27.34
11be-EHT20	MCS0	149	5745	5.673	5.745	6.493	7.089	5.868	83.82	13.96	≤ 27.34
11be-EHT20	MCS0	157	5785	6.991	7.298	7.694	8.212	7.431	83.82	15.30	≤ 27.34
11be-EHT20	MCS0	165	5825	7.792	8.298	8.572	7.973	7.936	83.82	15.88	≤ 27.34
11be-EHT40	MCS0	151	5755	5.851	6.187	6.337	6.954	6.537	83.66	14.15	≤ 27.34
11be-EHT40	MCS0	159	5795	6.285	6.609	6.589	6.244	6.358	83.66	14.18	≤ 27.34
11be-EHT80	MCS0	155	5775	0.874	0.992	1.790	1.416	0.934	82.89	9.02	≤ 27.34

Note 1:

Duty Cycle < 98%, Total PSD (dBm/500 kHz) = $10 \times \log \{10^{(\text{Ant 0 AVPSD}/10)} + 10^{(\text{Ant 1 AVPSD}/10)} + 10^{(\text{Ant 2 AVPSD}/10)} + 10^{(\text{Ant 3 AVPSD}/10)} + 10^{(\text{Ant 4 AVPSD}/10)}\} + 10 \times \log (1/\text{Duty cycle});$

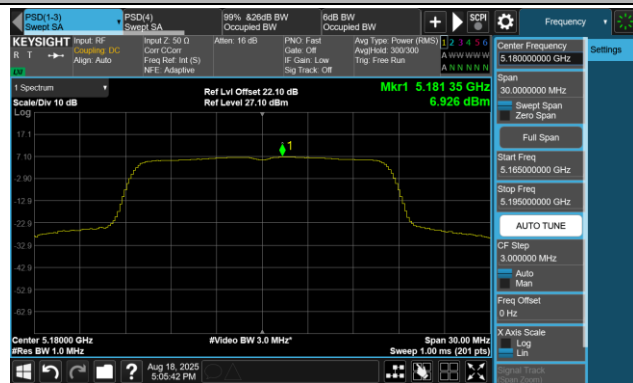
Duty Cycle ≥ 98%, Total PSD (dBm/500 kHz) = $10 \times \log \{10^{(\text{Ant 0 AVPSD}/10)} + 10^{(\text{Ant 1 AVPSD}/10)} + 10^{(\text{Ant 2 AVPSD}/10)} + 10^{(\text{Ant 3 AVPSD}/10)} + 10^{(\text{Ant 4 AVPSD}/10)}\}.$

Note 2:

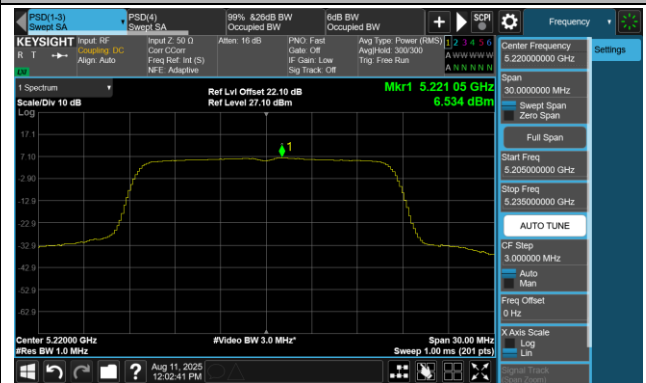
PSD Limit (dBm/500 kHz) = 30 - (8.66 - 6) = 27.34 dBm/500 kHz.

802.11a Power Spectral Density - Ant 0

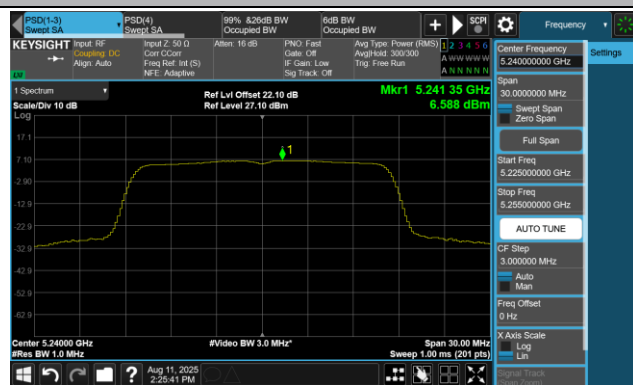
Channel 36 (5180 MHz)



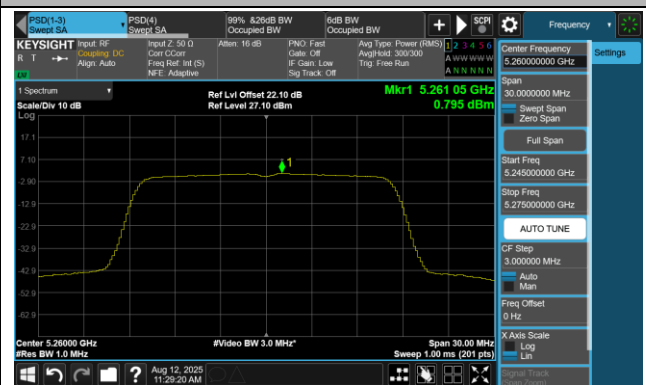
Channel 44 (5220 MHz)



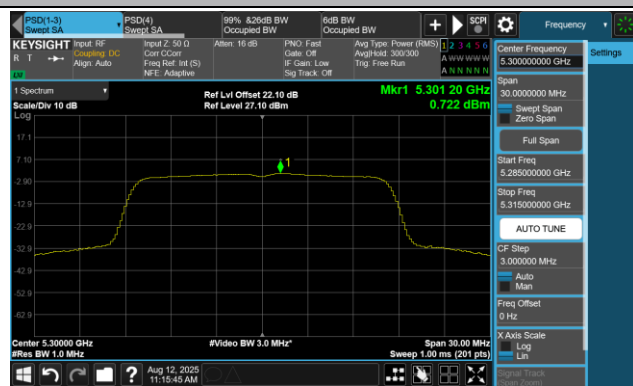
Channel 48 (5240 MHz)



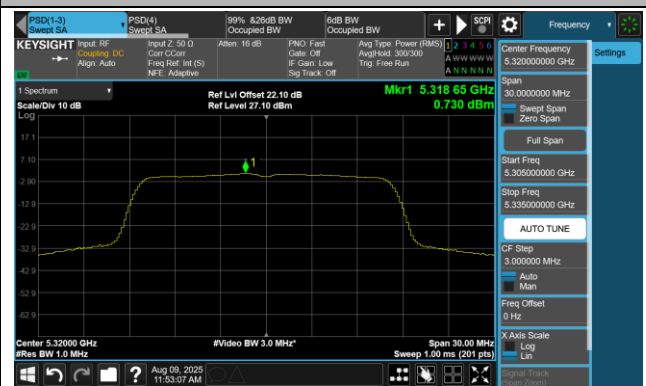
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

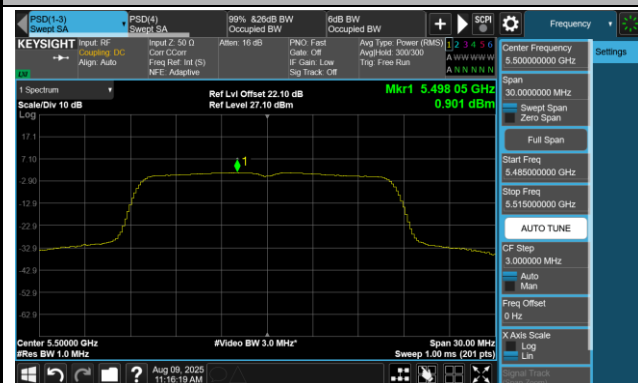


Channel 64 (5320 MHz)

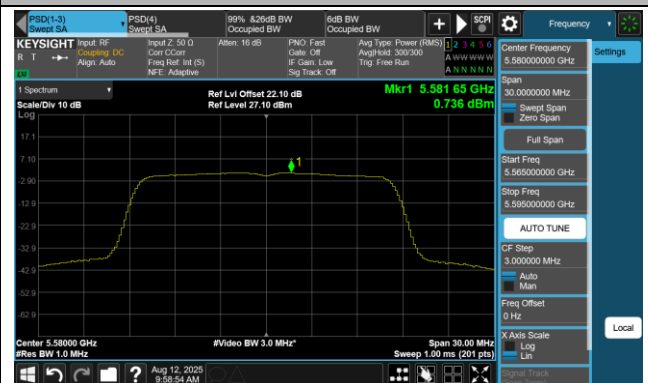


802.11a Power Spectral Density - Ant 0

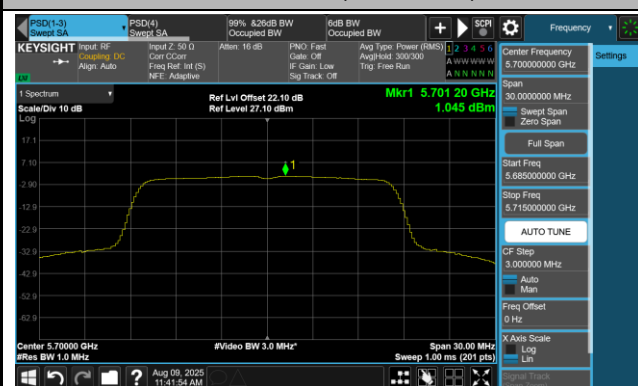
Channel 100 (5500 MHz)



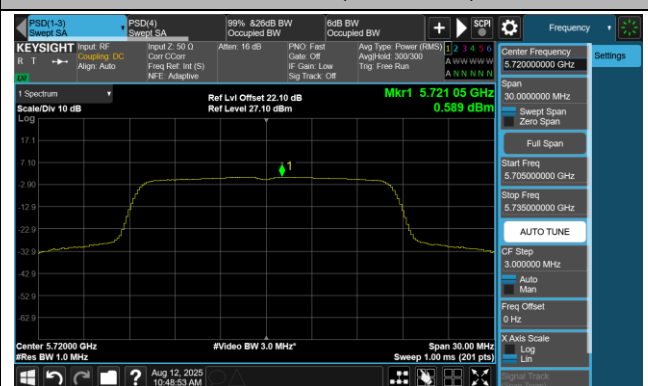
Channel 116 (5580 MHz)



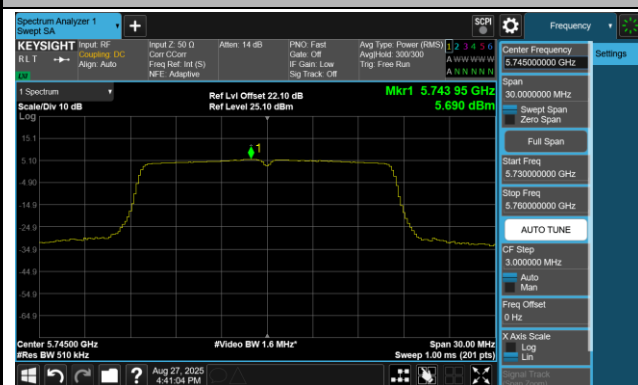
Channel 140 (5700 MHz)



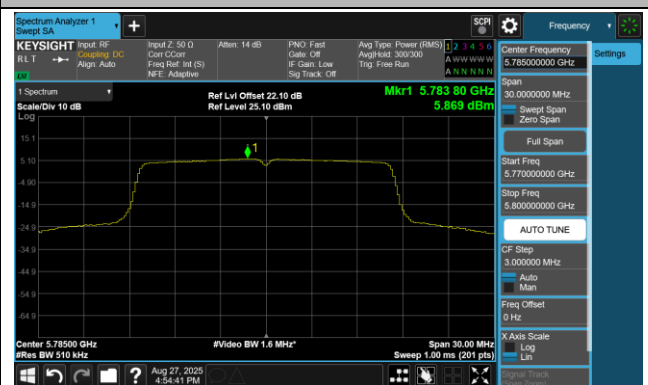
Channel 144 (5720 MHz)



Channel 149 (5745 MHz)

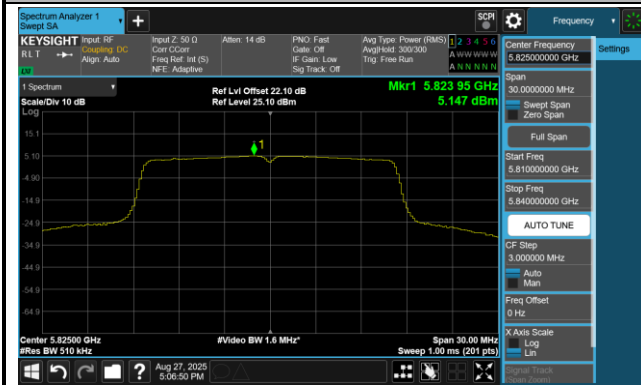


Channel 157 (5785 MHz)



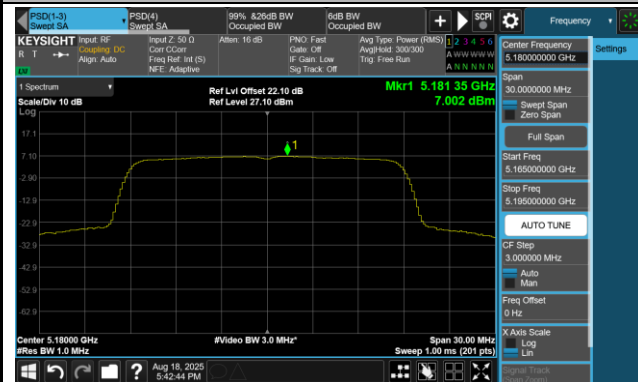
802.11a Power Spectral Density - Ant 0

Channel 165 (5825 MHz)

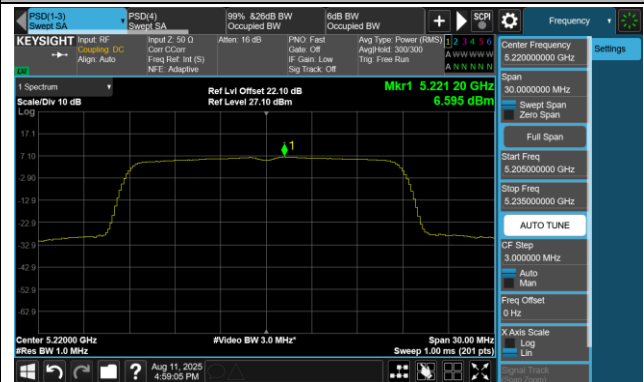


802.11ac-VHT20 Power Spectral Density - Ant 0

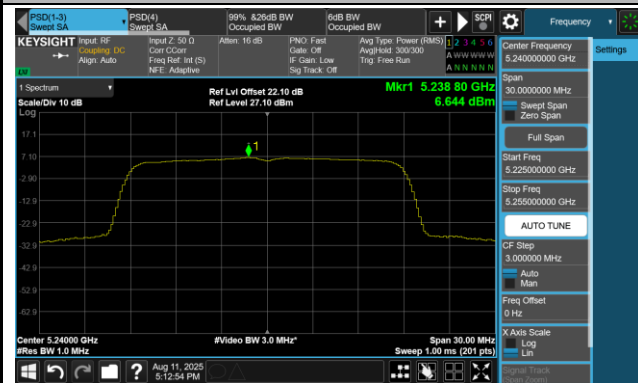
Channel 36 (5180 MHz)



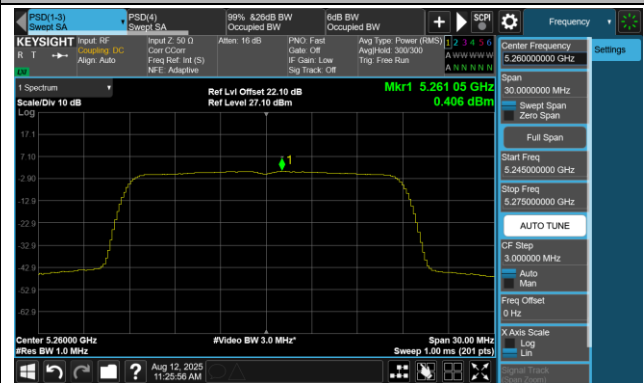
Channel 44 (5220 MHz)



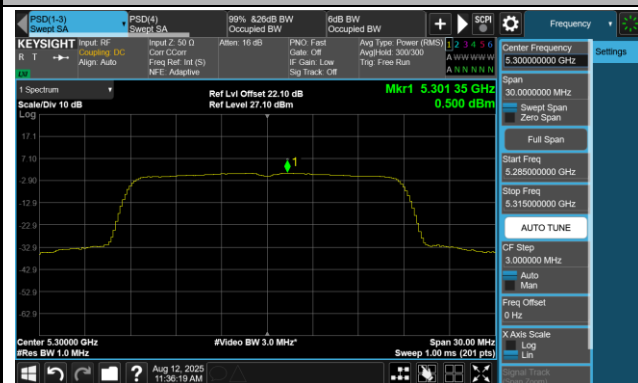
Channel 48 (5240 MHz)



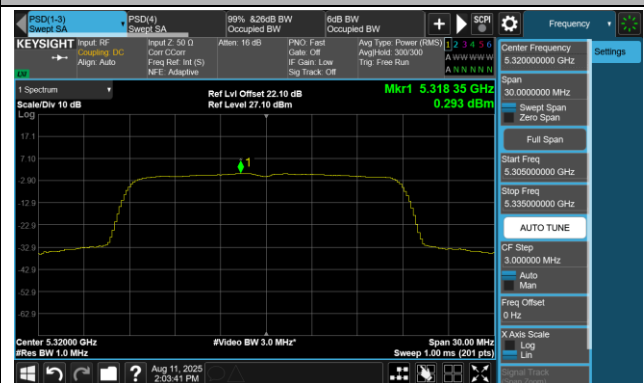
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

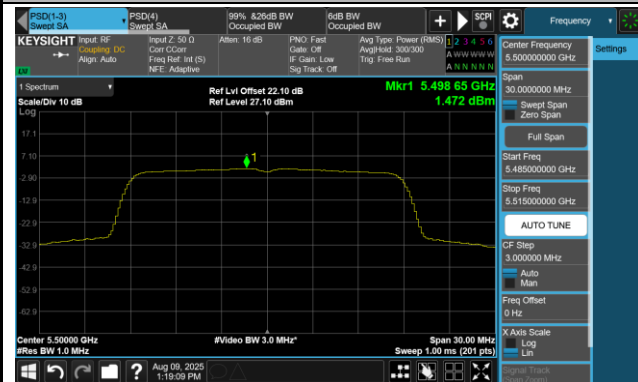


Channel 64 (5320 MHz)

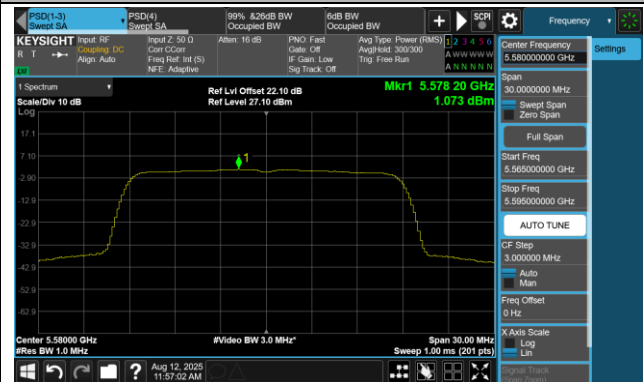


802.11ac-VHT20 Power Spectral Density - Ant 0

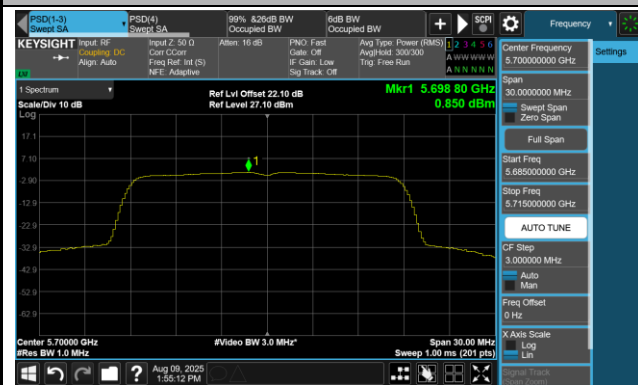
Channel 100 (5500 MHz)



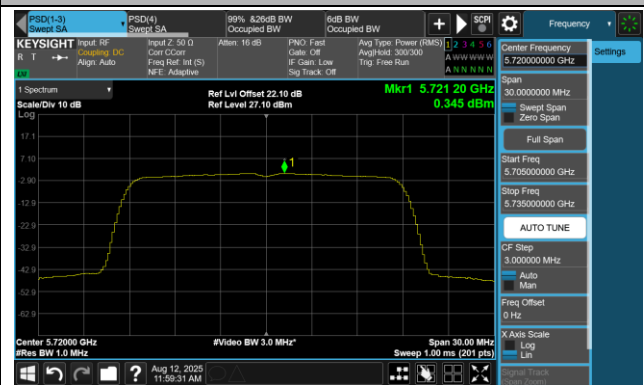
Channel 116 (5580 MHz)



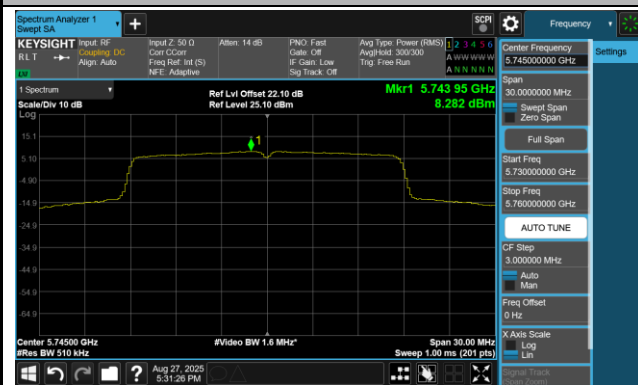
Channel 140 (5700 MHz)



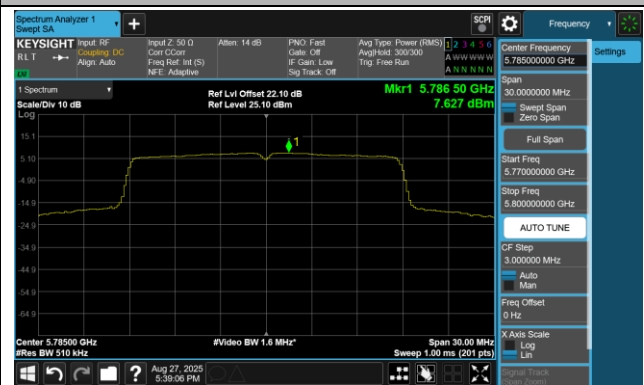
Channel 144 (5720 MHz)



Channel 149 (5745 MHz)



Channel 157 (5785 MHz)



802.11ac-VHT20 Power Spectral Density - Ant 0

Channel 165 (5825 MHz)

