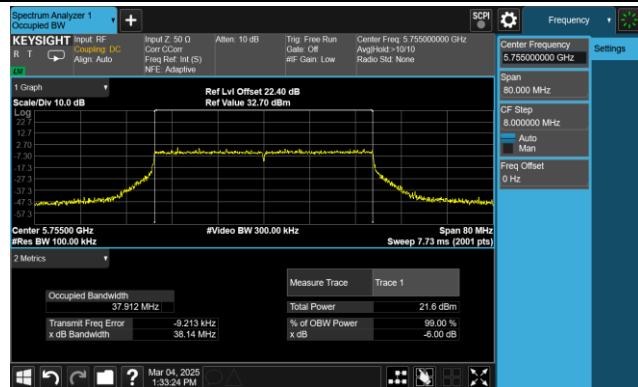
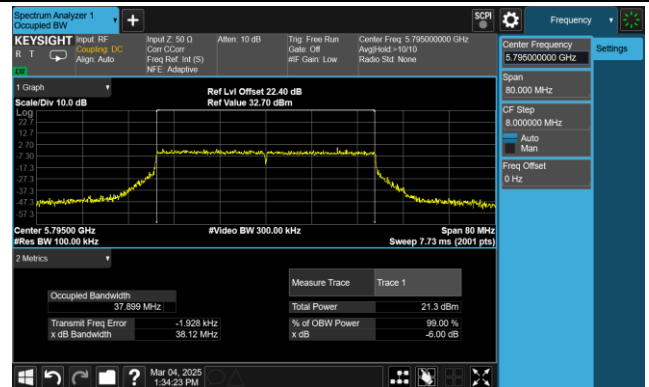


802.11be-EHT40 6dB Bandwidth

Channel 151 (5755MHz)

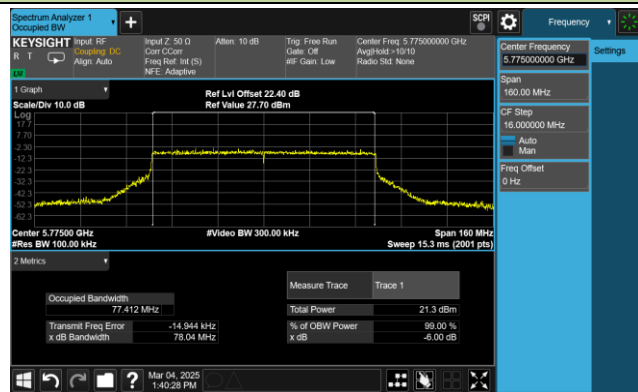


Channel 159 (5795MHz)



802.11be-EHT80 6dB Bandwidth

Channel 155 (5775MHz)



A.4 Output Power Test Result

Test Site	WJ-SR2	Test Engineer	Simon Lu
Test Date	2025-02-20		

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	19.49	19.02	19.56	19.77	25.49	≤ 30.00
11a	6Mbps	44	5220	22.02	21.56	21.97	21.74	27.85	≤ 30.00
11a	6Mbps	48	5240	22.29	21.84	22.02	21.95	28.05	≤ 30.00
11a	6Mbps	52	5260	15.65	15.44	15.24	15.40	21.46	≤ 23.98
11a	6Mbps	60	5300	16.01	15.61	15.13	15.38	21.57	≤ 23.98
11a	6Mbps	64	5320	15.96	15.84	16.17	16.25	22.08	≤ 23.98
11a	6Mbps	100	5500	16.56	15.52	15.67	15.74	21.91	≤ 23.98
11a	6Mbps	116	5580	16.27	15.20	15.61	15.57	21.70	≤ 23.98
11a	6Mbps	140	5700	16.19	15.26	15.60	15.62	21.70	≤ 23.98
11a	6Mbps	144	5720	16.62	15.61	15.95	16.22	22.14	≤ 23.12
11a	6Mbps	149	5745	22.26	21.69	21.77	21.89	27.93	≤ 30.00
11a	6Mbps	157	5785	22.48	22.15	21.71	21.60	28.02	≤ 30.00
11a	6Mbps	165	5825	22.10	21.67	21.52	21.76	27.79	≤ 30.00
11ac-VHT20	MCS0	36	5180	20.63	20.53	20.96	21.03	26.81	≤ 30.00
11ac-VHT20	MCS0	44	5220	22.25	21.65	22.01	21.64	27.92	≤ 30.00
11ac-VHT20	MCS0	48	5240	22.24	21.94	22.06	21.97	28.07	≤ 30.00
11ac-VHT20	MCS0	52	5260	16.41	16.32	16.12	16.21	22.29	≤ 23.98
11ac-VHT20	MCS0	60	5300	16.50	16.41	16.02	16.16	22.30	≤ 23.98
11ac-VHT20	MCS0	64	5320	16.88	16.92	16.87	16.65	22.85	≤ 23.98
11ac-VHT20	MCS0	100	5500	17.06	16.21	16.65	16.63	22.67	≤ 23.98
11ac-VHT20	MCS0	116	5580	16.52	15.71	16.08	15.91	22.09	≤ 23.98
11ac-VHT20	MCS0	140	5700	17.12	16.21	16.65	16.61	22.68	≤ 23.98
11ac-VHT20	MCS0	144	5720	17.11	16.07	16.52	16.61	22.61	≤ 23.08
11ac-VHT20	MCS0	149	5745	22.32	21.70	21.73	21.96	27.96	≤ 30.00
11ac-VHT20	MCS0	157	5785	22.11	21.72	21.39	21.38	27.68	≤ 30.00
11ac-VHT20	MCS0	165	5825	22.14	21.71	21.54	21.81	27.83	≤ 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	18.76	18.07	18.71	18.72	24.59	≤ 30.00
11ac-VHT40	MCS0	46	5230	22.34	21.89	22.11	22.03	28.12	≤ 30.00
11ac-VHT40	MCS0	54	5270	18.07	17.60	18.02	17.78	23.89	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.84	17.58	17.47	17.31	23.57	≤ 23.98
11ac-VHT40	MCS0	102	5510	18.42	17.42	17.73	17.88	23.90	≤ 23.98
11ac-VHT40	MCS0	110	5550	18.35	17.27	17.41	17.29	23.62	≤ 23.98
11ac-VHT40	MCS0	134	5670	18.13	17.32	17.05	17.21	23.47	≤ 23.98
11ac-VHT40	MCS0	142	5710	18.11	17.26	17.58	17.64	23.68	≤ 23.98
11ac-VHT40	MCS0	151	5755	22.13	21.46	21.51	21.54	27.69	≤ 30.00
11ac-VHT40	MCS0	159	5795	22.40	21.92	21.72	21.51	27.92	≤ 30.00
11ac-VHT80	MCS0	42	5210	17.88	17.21	17.63	17.46	23.57	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.88	17.64	17.51	17.65	23.69	≤ 23.98
11ac-VHT80	MCS0	106	5530	18.35	17.72	17.85	17.70	23.93	≤ 23.98
11ac-VHT80	MCS0	122	5610	18.55	17.78	17.49	17.79	23.94	≤ 23.98
11ac-VHT80	MCS0	138	5690	18.29	17.43	17.62	17.58	23.76	≤ 23.98
11ac-VHT80	MCS0	155	5775	22.36	22.10	21.88	21.60	28.01	≤ 30.00
11ac-VHT160	MCS0	50	5250	17.79	17.37	17.14	17.24	23.41	≤ 23.98
11ac-VHT160	MCS0	114	5570	17.87	17.44	17.43	17.11	23.49	≤ 23.98
11ax-HE20	MCS0	36	5180	20.07	19.77	20.36	20.44	26.19	≤ 30.00
11ax-HE20	MCS0	44	5220	22.37	21.84	22.44	21.98	28.19	≤ 30.00
11ax-HE20	MCS0	48	5240	22.47	22.01	22.04	22.05	28.17	≤ 30.00
11ax-HE20	MCS0	52	5260	16.86	16.62	16.36	16.37	22.58	≤ 23.98
11ax-HE20	MCS0	60	5300	17.29	17.02	16.71	17.02	23.04	≤ 23.98
11ax-HE20	MCS0	64	5320	16.64	16.45	16.33	16.54	22.51	≤ 23.98
11ax-HE20	MCS0	100	5500	17.02	16.13	16.37	16.45	22.53	≤ 23.98
11ax-HE20	MCS0	116	5580	16.87	15.84	16.27	16.15	22.32	≤ 23.98
11ax-HE20	MCS0	140	5700	17.41	16.51	16.83	16.83	22.93	≤ 23.98
11ax-HE20	MCS0	144	5720	17.34	16.34	16.55	16.85	22.81	≤ 23.06
11ax-HE20	MCS0	149	5745	22.08	21.48	21.56	21.65	27.72	≤ 30.00
11ax-HE20	MCS0	157	5785	22.28	21.94	21.50	21.54	27.85	≤ 30.00
11ax-HE20	MCS0	165	5825	22.04	21.81	21.78	21.98	27.92	≤ 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	17.54	17.15	17.54	17.69	23.51	≤ 30.00
11ax-HE40	MCS0	46	5230	22.43	22.11	22.29	21.98	28.23	≤ 30.00
11ax-HE40	MCS0	54	5270	17.71	17.40	17.42	17.38	23.50	≤ 23.98
11ax-HE40	MCS0	62	5310	17.84	17.66	17.57	17.24	23.60	≤ 23.98
11ax-HE40	MCS0	102	5510	18.46	17.42	17.97	17.81	23.95	≤ 23.98
11ax-HE40	MCS0	110	5550	18.10	17.51	17.62	17.68	23.75	≤ 23.98
11ax-HE40	MCS0	134	5670	18.35	17.27	17.04	17.29	23.54	≤ 23.98
11ax-HE40	MCS0	142	5710	17.59	17.09	17.71	17.61	23.53	≤ 23.98
11ax-HE40	MCS0	151	5755	22.23	21.62	21.67	21.58	27.80	≤ 30.00
11ax-HE40	MCS0	159	5795	22.26	21.95	21.84	21.82	27.99	≤ 30.00
11ax-HE80	MCS0	42	5210	18.54	17.99	18.44	18.21	24.32	≤ 30.00
11ax-HE80	MCS0	58	5290	17.99	17.81	17.66	17.69	23.81	≤ 23.98
11ax-HE80	MCS0	106	5530	18.12	17.34	17.52	17.33	23.61	≤ 23.98
11ax-HE80	MCS0	122	5610	18.23	17.32	17.41	17.21	23.58	≤ 23.98
11ax-HE80	MCS0	138	5690	18.37	17.57	17.75	17.62	23.86	≤ 23.98
11ax-HE80	MCS0	155	5775	22.42	22.06	21.86	21.74	28.05	≤ 30.00
11ax-HE160	MCS0	50	5250	17.78	17.38	17.12	17.32	23.43	≤ 23.98
11ax-HE160	MCS0	114	5570	18.03	17.35	17.31	17.05	23.47	≤ 23.98
11be-EHT20	MCS0	36	5180	19.56	19.17	19.88	19.87	25.65	≤ 30.00
11be-EHT20	MCS0	44	5220	22.36	21.74	22.15	21.87	28.06	≤ 30.00
11be-EHT20	MCS0	48	5240	22.51	21.81	22.19	21.95	28.14	≤ 30.00
11be-EHT20	MCS0	52	5260	17.23	16.93	16.58	16.79	22.91	≤ 23.98
11be-EHT20	MCS0	60	5300	17.28	17.12	16.82	16.94	23.06	≤ 23.98
11be-EHT20	MCS0	64	5320	17.09	16.97	16.86	16.85	22.96	≤ 23.98
11be-EHT20	MCS0	100	5500	17.43	16.48	16.94	16.76	22.94	≤ 23.98
11be-EHT20	MCS0	116	5580	17.37	16.40	16.54	16.53	22.75	≤ 23.98
11be-EHT20	MCS0	140	5700	17.29	16.47	16.93	16.82	22.91	≤ 23.98
11be-EHT20	MCS0	144	5720	17.32	16.35	16.68	16.81	22.82	≤ 23.20
11be-EHT20	MCS0	149	5745	22.49	21.87	22.06	22.09	28.15	≤ 30.00
11be-EHT20	MCS0	157	5785	22.21	21.82	21.54	21.59	27.82	≤ 30.00
11be-EHT20	MCS0	165	5825	22.21	21.65	21.59	21.95	27.88	≤ 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	18.62	18.09	18.78	18.88	24.62	≤ 30.00
11be-EHT40	MCS0	46	5230	22.34	21.85	22.32	21.89	28.13	≤ 30.00
11be-EHT40	MCS0	54	5270	17.96	17.62	17.63	17.76	23.77	≤ 23.98
11be-EHT40	MCS0	62	5310	17.87	17.61	17.51	17.36	23.61	≤ 23.98
11be-EHT40	MCS0	102	5510	17.87	16.95	17.52	17.48	23.49	≤ 23.98
11be-EHT40	MCS0	110	5550	17.93	17.21	17.42	17.15	23.46	≤ 23.98
11be-EHT40	MCS0	134	5670	18.29	17.27	17.21	17.32	23.57	≤ 23.98
11be-EHT40	MCS0	142	5710	17.95	17.10	17.58	17.46	23.55	≤ 23.98
11be-EHT40	MCS0	151	5755	22.48	21.91	22.21	22.31	28.25	≤ 30.00
11be-EHT40	MCS0	159	5795	22.43	21.89	21.66	21.51	27.91	≤ 30.00
11be-EHT80	MCS0	42	5210	19.10	18.33	18.56	18.46	24.64	≤ 30.00
11be-EHT80	MCS0	58	5290	18.06	17.75	17.68	17.72	23.83	≤ 23.98
11be-EHT80	MCS0	106	5530	18.12	17.28	17.41	17.28	23.56	≤ 23.98
11be-EHT80	MCS0	122	5610	18.24	17.45	17.15	17.29	23.57	≤ 23.98
11be-EHT80	MCS0	138	5690	18.42	17.45	17.83	17.68	23.88	≤ 23.98
11be-EHT80	MCS0	155	5775	22.34	21.83	21.76	21.81	27.96	≤ 30.00
11be-EHT160	MCS0	50	5250	17.71	17.30	17.18	17.38	23.42	≤ 23.98
11be-EHT160	MCS0	114	5570	18.14	17.42	17.35	17.09	23.54	≤ 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	2025-02-20 ~ 2025-03-14		
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	8.035	7.721	8.041	8.071	99.05	13.99	≤ 16.97
11a	6Mbps	44	5220	10.761	10.147	10.521	9.994	99.05	16.39	≤ 16.97
11a	6Mbps	48	5240	10.330	9.783	9.653	9.637	99.05	15.88	≤ 16.97
11a	6Mbps	52	5260	4.738	4.517	4.578	4.462	99.05	10.60	≤ 11.00
11a	6Mbps	60	5300	4.744	4.434	4.141	4.492	99.05	10.48	≤ 11.00
11a	6Mbps	64	5320	4.894	4.785	4.635	4.644	99.05	10.76	≤ 11.00
11a	6Mbps	100	5500	5.469	4.330	4.781	4.968	99.05	10.93	≤ 11.00
11a	6Mbps	116	5580	5.386	4.432	4.753	4.667	99.05	10.84	≤ 11.00
11a	6Mbps	140	5700	5.254	4.039	4.454	4.356	99.05	10.57	≤ 11.00
11a	6Mbps	144	5720	5.508	4.613	4.667	4.951	99.05	10.97	≤ 11.00
11ac-VHT20	MCS0	36	5180	9.188	8.824	9.275	9.314	99.69	15.18	≤ 17.00
11ac-VHT20	MCS0	44	5220	9.863	9.315	9.502	9.584	99.69	15.59	≤ 17.00
11ac-VHT20	MCS0	48	5240	10.106	9.590	9.762	9.659	99.69	15.80	≤ 17.00
11ac-VHT20	MCS0	52	5260	4.953	4.507	4.776	4.650	99.69	10.75	≤ 11.00
11ac-VHT20	MCS0	60	5300	4.809	4.430	4.489	4.534	99.69	10.59	≤ 11.00
11ac-VHT20	MCS0	64	5320	4.893	4.786	5.101	4.867	99.69	10.93	≤ 11.00
11ac-VHT20	MCS0	100	5500	5.125	4.295	4.836	4.708	99.69	10.77	≤ 11.00
11ac-VHT20	MCS0	116	5580	5.325	4.450	4.785	4.515	99.69	10.80	≤ 11.00
11ac-VHT20	MCS0	140	5700	5.457	4.534	4.851	4.691	99.69	10.92	≤ 11.00
11ac-VHT20	MCS0	144	5720	5.567	4.571	4.745	4.853	99.69	10.97	≤ 11.00
11ac-VHT40	MCS0	38	5190	4.432	3.771	4.421	4.423	99.61	10.29	≤ 17.00
11ac-VHT40	MCS0	46	5230	7.503	7.043	7.207	7.025	99.61	13.22	≤ 17.00
11ac-VHT40	MCS0	54	5270	3.293	2.653	3.090	2.934	99.61	9.02	≤ 11.00
11ac-VHT40	MCS0	62	5310	2.797	2.481	2.521	2.364	99.61	8.56	≤ 11.00
11ac-VHT40	MCS0	102	5510	3.938	2.915	3.330	3.549	99.61	9.47	≤ 11.00
11ac-VHT40	MCS0	110	5550	2.917	1.990	2.249	2.171	99.61	8.37	≤ 11.00
11ac-VHT40	MCS0	134	5670	4.289	3.368	3.025	3.158	99.61	9.51	≤ 11.00
11ac-VHT40	MCS0	142	5710	3.149	2.332	2.564	2.800	99.61	8.74	≤ 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	0.493	-0.330	0.331	-0.060	99.65	6.14	≤ 17.00
11ac-VHT80	MCS0	58	5290	-0.154	-0.340	-0.585	-0.439	99.65	5.64	≤ 11.00
11ac-VHT80	MCS0	106	5530	0.391	-0.353	-0.025	-0.021	99.65	6.03	≤ 11.00
11ac-VHT80	MCS0	122	5610	0.808	0.041	-0.220	0.094	99.65	6.22	≤ 11.00
11ac-VHT80	MCS0	138	5690	1.173	0.417	0.203	0.085	99.65	6.51	≤ 11.00
11ac-VHT160	MCS0	50	5250	-2.672	-3.144	-3.016	-3.297	99.69	2.99	≤ 11.00
11ac-VHT160	MCS0	114	5570	-2.482	-2.943	-2.959	-2.997	99.69	3.18	≤ 11.00
11ax-HE20	MCS0	36	5180	7.888	7.455	8.146	8.381	99.69	14.00	≤ 17.00
11ax-HE20	MCS0	44	5220	9.376	8.921	9.232	9.074	99.69	15.17	≤ 17.00
11ax-HE20	MCS0	48	5240	9.681	9.210	9.267	9.199	99.69	15.36	≤ 17.00
11ax-HE20	MCS0	52	5260	4.975	4.586	4.752	4.528	99.69	10.73	≤ 11.00
11ax-HE20	MCS0	60	5300	5.234	4.905	4.882	4.830	99.69	10.99	≤ 11.00
11ax-HE20	MCS0	64	5320	4.670	4.777	4.906	4.562	99.69	10.75	≤ 11.00
11ax-HE20	MCS0	100	5500	5.485	4.264	4.900	5.048	99.69	10.97	≤ 11.00
11ax-HE20	MCS0	116	5580	5.546	4.432	4.520	4.330	99.69	10.76	≤ 11.00
11ax-HE20	MCS0	140	5700	5.266	4.345	4.730	4.689	99.69	10.79	≤ 11.00
11ax-HE20	MCS0	144	5720	5.164	4.027	4.316	4.393	99.69	10.52	≤ 11.00
11ax-HE40	MCS0	38	5190	3.128	2.534	3.264	3.224	99.65	9.07	≤ 17.00
11ax-HE40	MCS0	46	5230	7.237	6.895	7.074	6.861	99.65	13.04	≤ 17.00
11ax-HE40	MCS0	54	5270	2.415	2.132	2.009	2.117	99.65	8.19	≤ 11.00
11ax-HE40	MCS0	62	5310	2.956	2.523	2.557	2.424	99.65	8.64	≤ 11.00
11ax-HE40	MCS0	102	5510	3.205	2.252	2.746	3.104	99.65	8.86	≤ 11.00
11ax-HE40	MCS0	110	5550	2.649	1.769	2.103	1.861	99.65	8.13	≤ 11.00
11ax-HE40	MCS0	134	5670	3.625	2.777	2.496	2.753	99.65	8.95	≤ 11.00
11ax-HE40	MCS0	142	5710	3.112	2.166	2.787	2.582	99.65	8.70	≤ 11.00
11ax-HE80	MCS0	42	5210	1.349	0.714	1.226	0.811	99.62	7.05	≤ 17.00
11ax-HE80	MCS0	58	5290	0.353	-0.188	-0.219	-0.154	99.62	5.98	≤ 11.00
11ax-HE80	MCS0	106	5530	-0.046	-0.468	-0.347	-0.287	99.62	5.74	≤ 11.00
11ax-HE80	MCS0	122	5610	0.431	-0.255	-0.503	-0.398	99.62	5.86	≤ 11.00
11ax-HE80	MCS0	138	5690	1.276	0.550	0.404	0.102	99.62	6.63	≤ 11.00
11ax-HE160	MCS0	50	5250	-2.459	-2.678	-2.607	-2.786	99.65	3.39	≤ 11.00
11ax-HE160	MCS0	114	5570	-2.267	-3.184	-3.085	-3.317	99.65	3.08	≤ 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	7.411	6.735	7.496	7.416	99.70	13.30	≤ 17.00
11be-EHT20	MCS0	44	5220	9.488	8.904	9.181	9.006	99.70	15.17	≤ 17.00
11be-EHT20	MCS0	48	5240	9.651	9.322	9.359	9.301	99.70	15.43	≤ 17.00
11be-EHT20	MCS0	52	5260	5.050	4.748	4.726	4.985	99.70	10.90	≤ 11.00
11be-EHT20	MCS0	60	5300	4.894	4.611	4.565	4.680	99.70	10.71	≤ 11.00
11be-EHT20	MCS0	64	5320	4.851	4.730	4.723	4.535	99.70	10.73	≤ 11.00
11be-EHT20	MCS0	100	5500	5.141	4.205	4.608	4.928	99.70	10.76	≤ 11.00
11be-EHT20	MCS0	116	5580	5.653	4.496	4.730	4.557	99.70	10.91	≤ 11.00
11be-EHT20	MCS0	140	5700	5.271	4.295	4.637	4.501	99.70	10.71	≤ 11.00
11be-EHT20	MCS0	144	5720	5.053	4.094	4.244	4.490	99.70	10.51	≤ 11.00
11be-EHT40	MCS0	38	5190	3.986	3.369	4.050	4.365	99.65	9.98	≤ 17.00
11be-EHT40	MCS0	46	5230	7.049	6.749	6.849	6.770	99.65	12.88	≤ 17.00
11be-EHT40	MCS0	54	5270	2.878	2.507	2.604	2.706	99.65	8.70	≤ 11.00
11be-EHT40	MCS0	62	5310	2.611	2.326	2.287	2.100	99.65	8.36	≤ 11.00
11be-EHT40	MCS0	102	5510	2.226	1.410	1.697	1.783	99.65	7.81	≤ 11.00
11be-EHT40	MCS0	110	5550	2.428	1.916	2.035	1.854	99.65	8.08	≤ 11.00
11be-EHT40	MCS0	134	5670	3.452	2.433	2.009	2.024	99.65	8.54	≤ 11.00
11be-EHT40	MCS0	142	5710	2.956	1.952	2.539	2.649	99.65	8.56	≤ 11.00
11be-EHT80	MCS0	42	5210	1.501	0.578	1.083	0.685	99.69	7.00	≤ 17.00
11be-EHT80	MCS0	58	5290	0.206	-0.239	-0.312	-0.198	99.69	5.89	≤ 11.00
11be-EHT80	MCS0	106	5530	0.205	-0.592	-0.551	-0.686	99.69	5.63	≤ 11.00
11be-EHT80	MCS0	122	5610	0.532	-0.382	-0.472	-0.476	99.69	5.84	≤ 11.00
11be-EHT80	MCS0	138	5690	1.316	0.367	0.424	0.195	99.69	6.62	≤ 11.00
11be-EHT160	MCS0	50	5250	-2.403	-2.754	-2.617	-2.654	99.60	3.42	≤ 11.00
11be-EHT160	MCS0	114	5570	-2.378	-2.965	-3.014	-3.077	99.60	3.17	≤ 11.00

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 (CDD Mode): PSD Limit (dBm/MHz) = 17 - (6.03 - 6) = 16.97dBm/MHz.

Test Site	WZ-SR5	Test Engineer	Simon Lu
Test Date	2025-03-11 ~ 2025-03-13		
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510kHz)				Duty Cycle (%)	Total PSD (dBm/ 510kHz)	PSD Limit (dBm/ 500kHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	149	5745	7.641	6.929	7.224	7.406	99.05	13.33	≤ 30.00
11a	6Mbps	157	5785	8.128	7.678	7.112	7.165	99.05	13.56	≤ 30.00
11a	6Mbps	165	5825	7.684	7.649	7.584	7.820	99.05	13.71	≤ 30.00
11ac-VHT20	MCS0	149	5745	7.622	7.142	7.153	7.353	99.69	13.34	≤ 30.00
11ac-VHT20	MCS0	157	5785	7.545	7.321	6.708	6.746	99.69	13.12	≤ 30.00
11ac-VHT20	MCS0	165	5825	7.934	7.452	7.197	7.487	99.69	13.55	≤ 30.00
11ac-VHT40	MCS0	151	5755	4.734	4.137	3.965	4.164	99.61	10.28	≤ 30.00
11ac-VHT40	MCS0	159	5795	5.310	4.913	3.801	3.898	99.61	10.55	≤ 30.00
11ac-VHT80	MCS0	155	5775	2.052	1.601	1.118	1.253	99.65	7.54	≤ 30.00
11ax-HE20	MCS0	149	5745	6.571	6.086	5.983	6.427	99.69	12.29	≤ 30.00
11ax-HE20	MCS0	157	5785	7.221	7.024	6.188	6.272	99.69	12.72	≤ 30.00
11ax-HE20	MCS0	165	5825	7.121	6.660	6.858	6.872	99.69	12.90	≤ 30.00
11ax-HE40	MCS0	151	5755	3.816	3.807	3.736	3.979	99.65	9.86	≤ 30.00
11ax-HE40	MCS0	159	5795	5.168	4.878	4.186	4.251	99.65	10.66	≤ 30.00
11ax-HE80	MCS0	155	5775	1.342	0.897	0.632	0.342	99.62	6.84	≤ 30.00
11be-EHT20	MCS0	149	5745	7.739	7.059	7.219	7.362	99.70	13.37	≤ 30.00
11be-EHT20	MCS0	157	5785	7.503	7.113	6.491	6.773	99.70	13.01	≤ 30.00
11be-EHT20	MCS0	165	5825	7.641	7.101	7.339	7.618	99.70	13.45	≤ 30.00
11be-EHT40	MCS0	151	5755	5.347	4.400	4.365	4.517	99.65	10.70	≤ 30.00
11be-EHT40	MCS0	159	5795	5.562	4.750	4.082	4.339	99.65	10.74	≤ 30.00
11be-EHT80	MCS0	155	5775	1.518	1.289	0.873	0.809	99.69	7.15	≤ 30.00

Note:

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

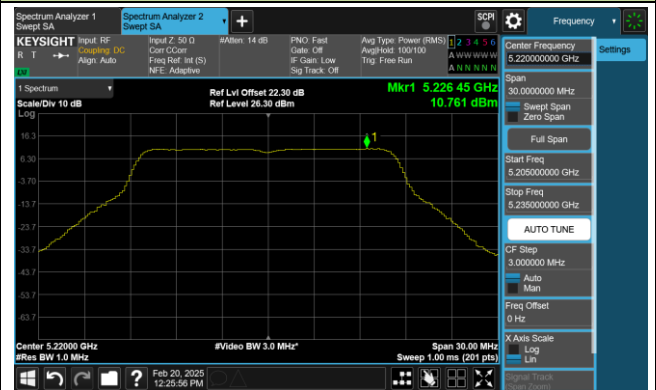
When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}\}$.

802.11a Power Spectral Density- Ant 0

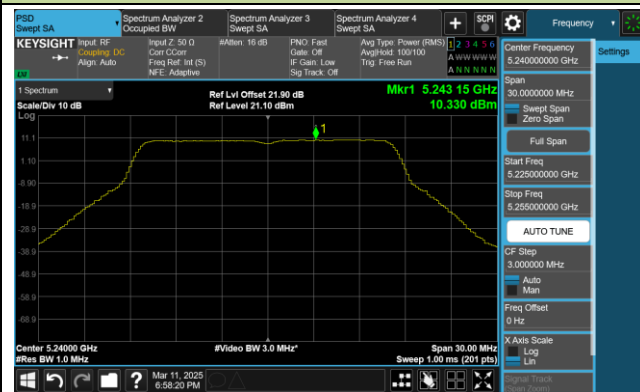
Channel 36 (5180MHz)



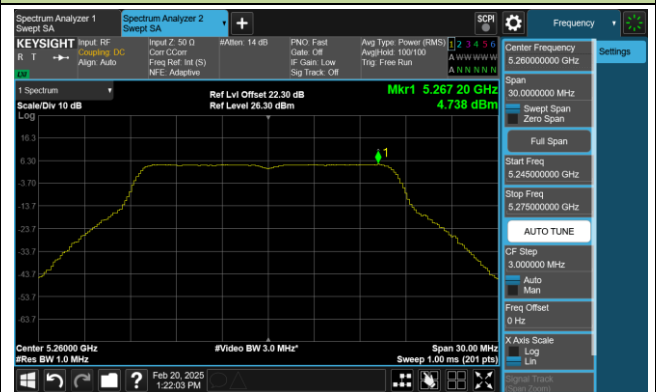
Channel 44 (5220MHz)



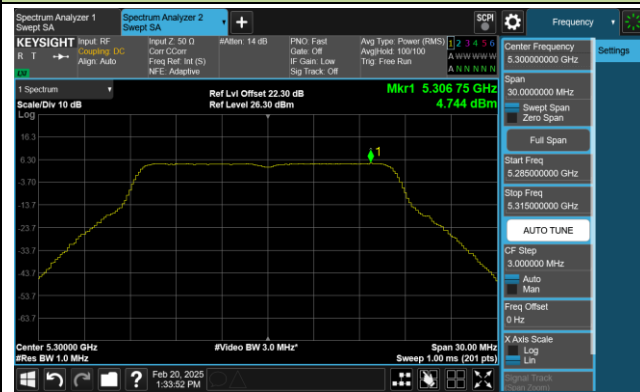
Channel 48 (5240MHz)



Channel 52 (5260MHz)



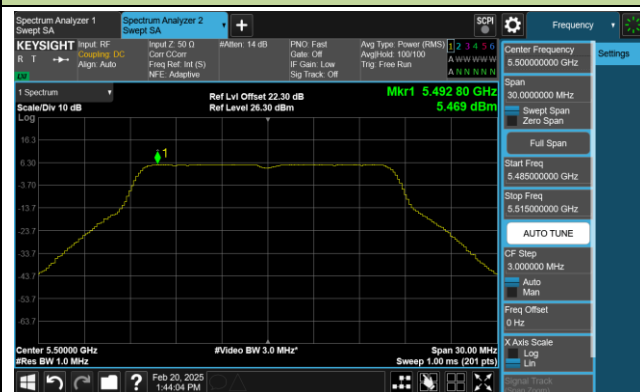
Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)

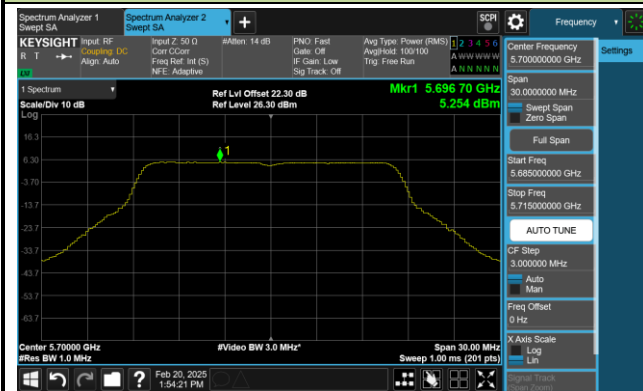


Channel 116 (5580MHz)

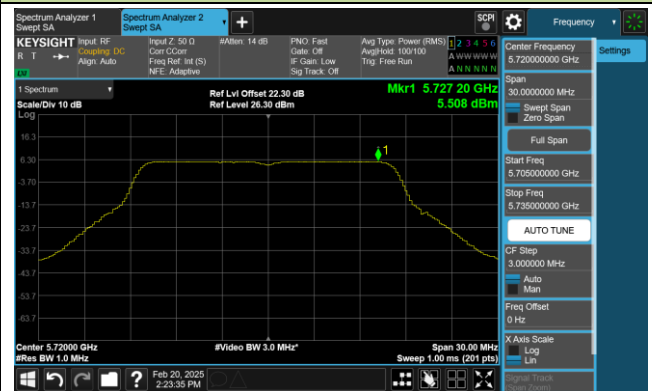


802.11a Power Spectral Density- Ant 0

Channel 140 (5700MHz)



Channel 144(5720MHz)



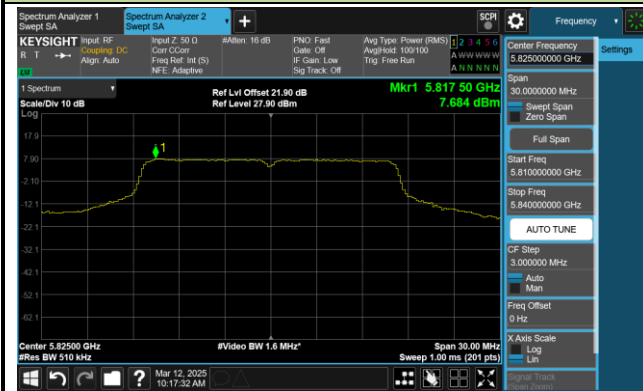
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11ac-VHT20 Power Spectral Density- Ant 0

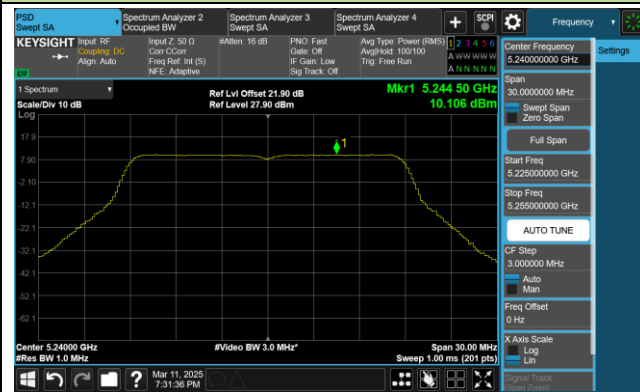
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)

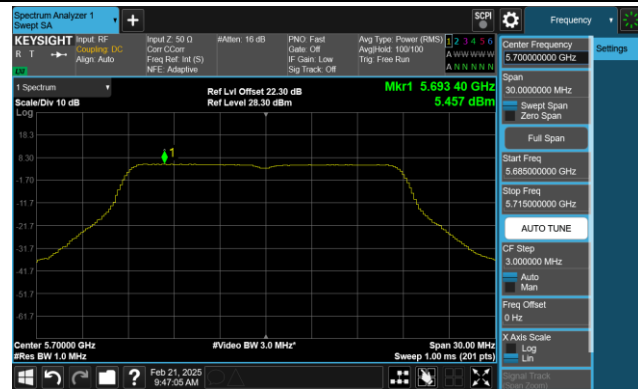


Channel 116 (5580MHz)

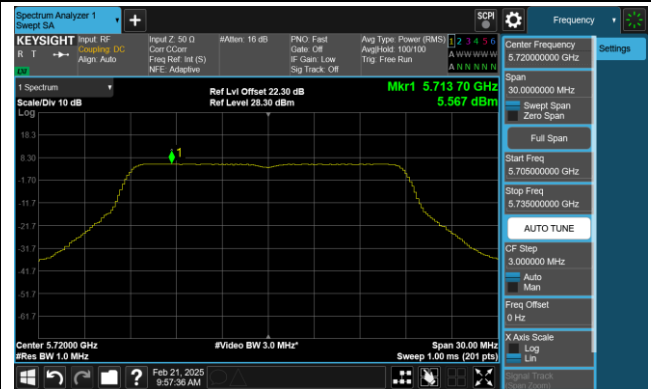


802.11ac-VHT20 Power Spectral Density- Ant 0

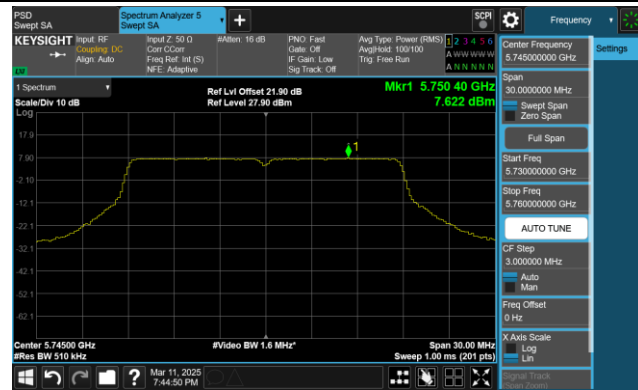
Channel 140 (5700MHz)



Channel 144(5720MHz)



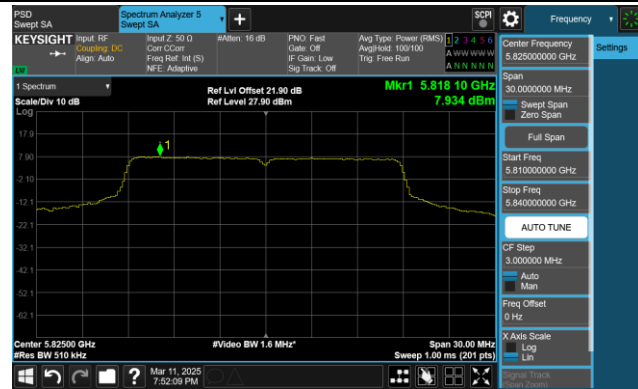
Channel 149 (5745MHz)



Channel 157 (5785MHz)

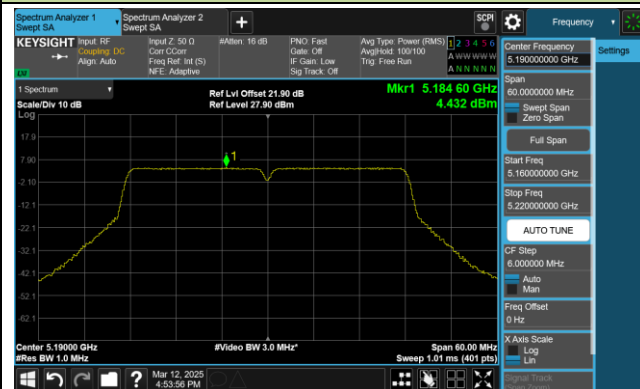


Channel 165 (5825MHz)

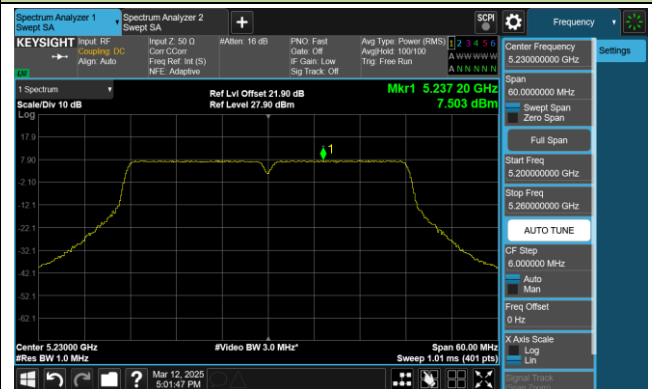


802.11ac-VHT40 Power Spectral Density- Ant 0

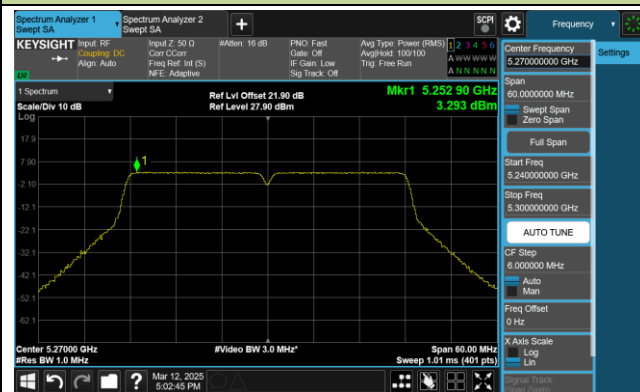
Channel 38 (5190MHz)



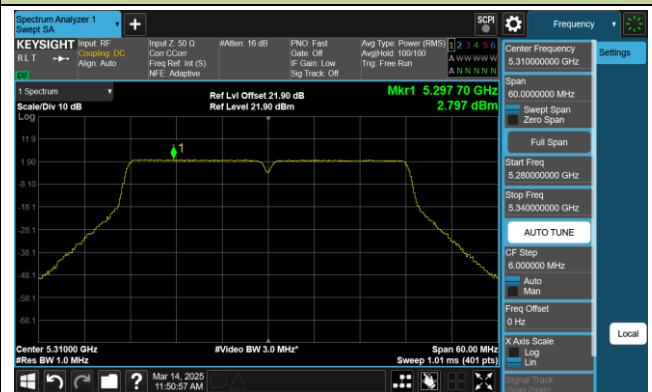
Channel 46 (5230MHz)



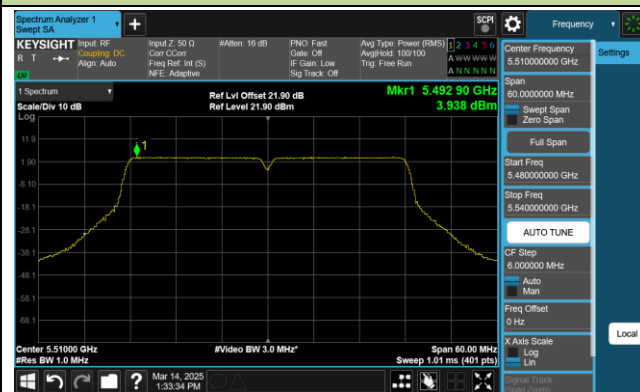
Channel 54 (5270MHz)



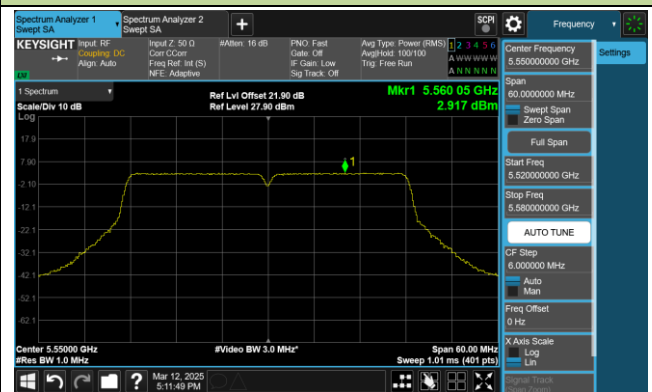
Channel 62 (5310MHz)



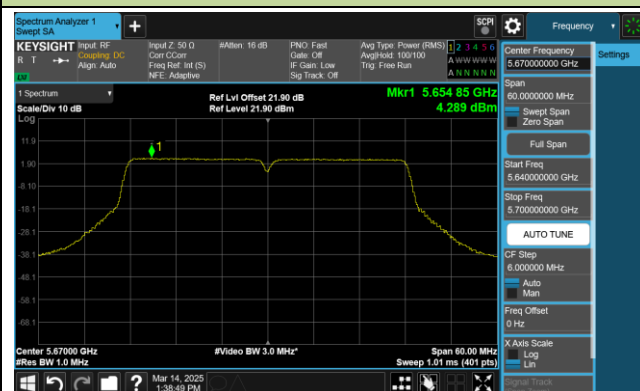
Channel 102 (5510MHz)



Channel 110 (5550MHz)



Channel 134 (5670MHz)

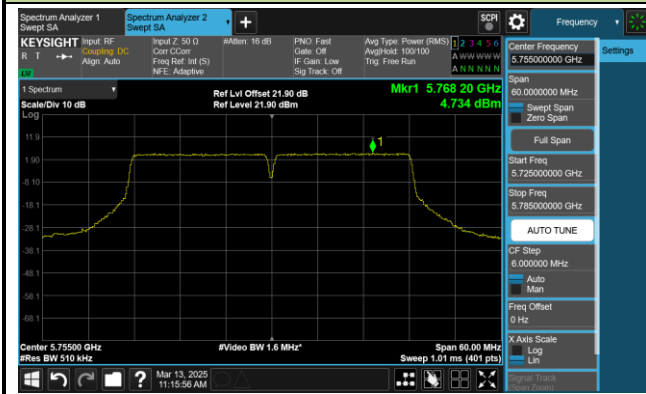


Channel 142(5710MHz)

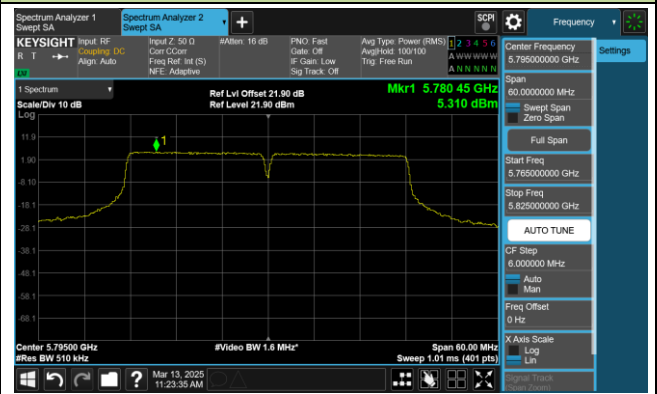


802.11ac-VHT40 Power Spectral Density- Ant 0

Channel 151 (5755MHz)

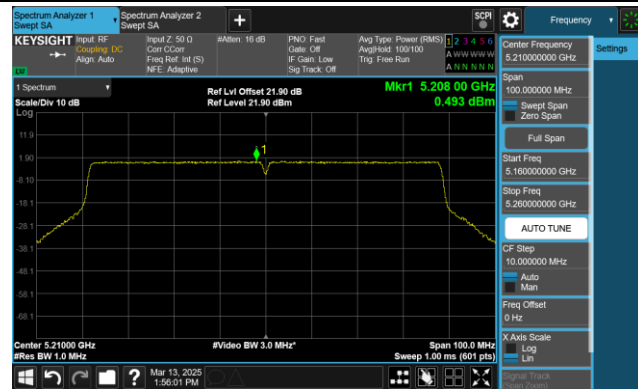


Channel 159 (5795MHz)

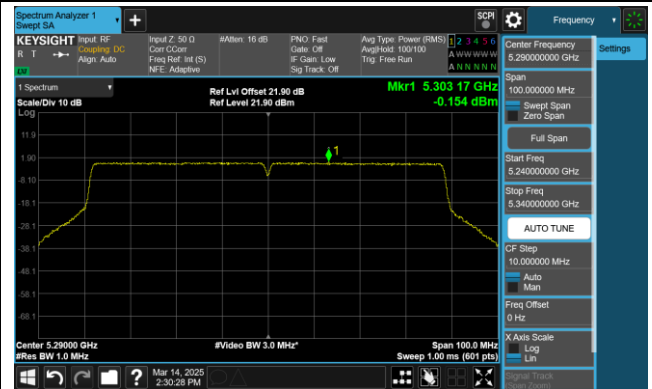


802.11ac-VHT80 Power Spectral Density- Ant 0

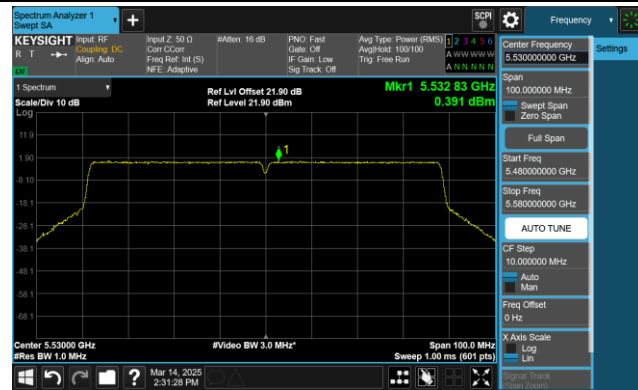
Channel 42 (5210MHz)



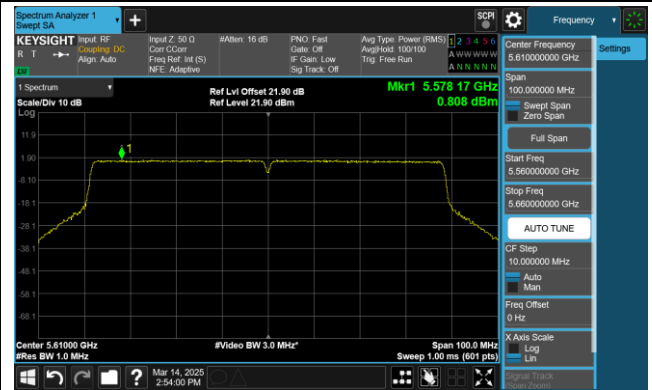
Channel 58 (5290MHz)



Channel 106 (5530MHz)



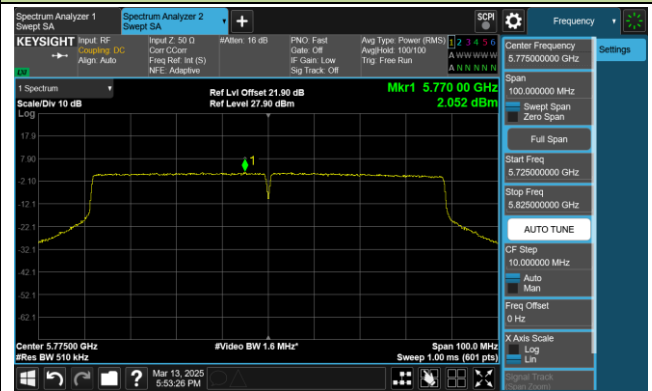
Channel 122 (5610MHz)



Channel 138 (5690MHz)

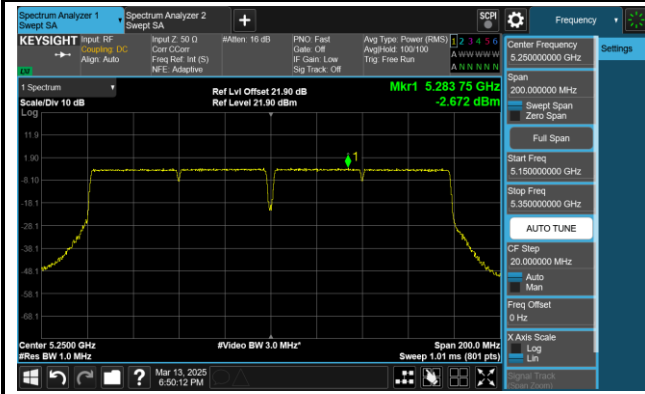


Channel 155 (5775MHz)

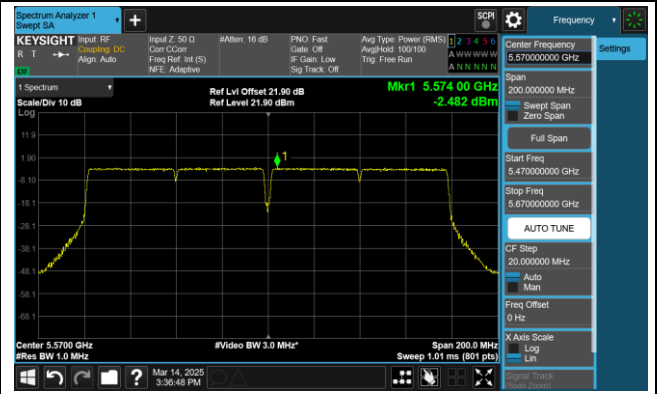


802.11ac-VHT160 Power Spectral Density- Ant 0

Channel 50 (5250MHz)

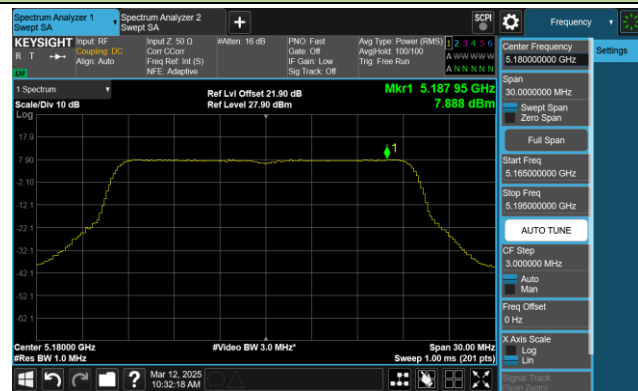


Channel 114 (5570MHz)



802.11ax-HE20 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)



802.11ax-HE20 Power Spectral Density- Ant 0

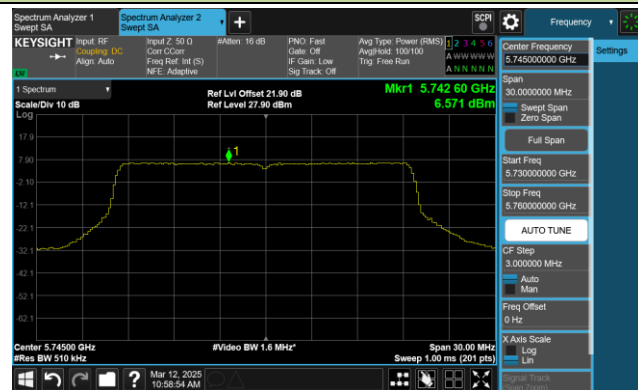
Channel 140 (5700MHz)



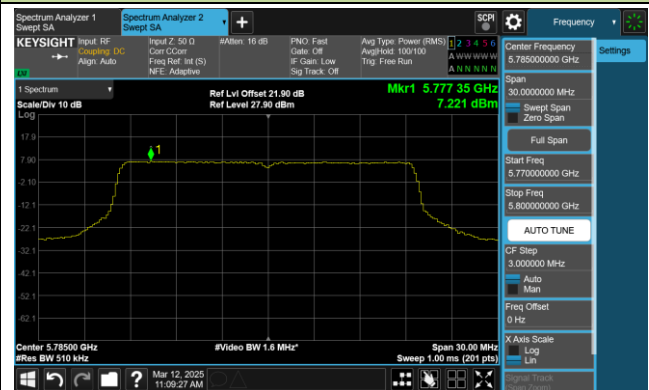
Channel 144(5720MHz)



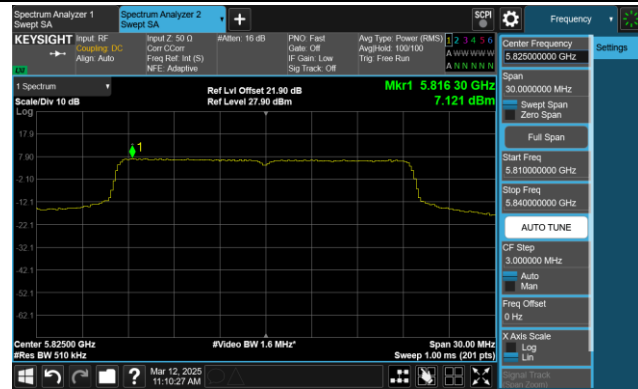
Channel 149 (5745MHz)



Channel 157 (5785MHz)

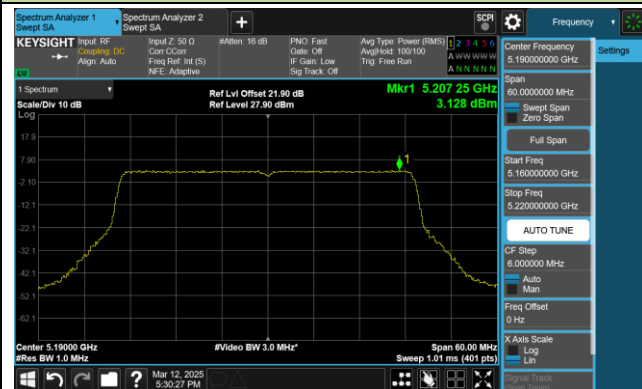


Channel 165 (5825MHz)

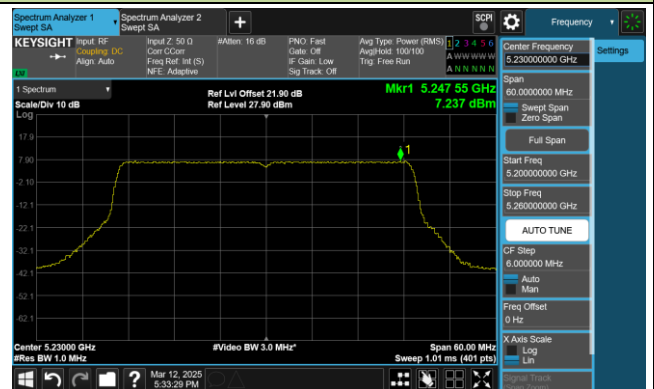


802.11ax-HE40 Power Spectral Density- Ant 0

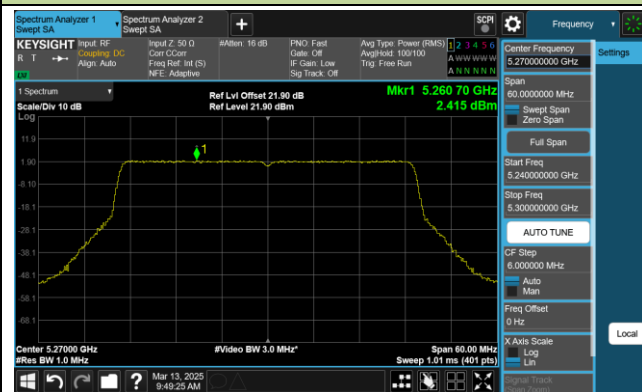
Channel 38 (5190MHz)



Channel 46 (5230MHz)



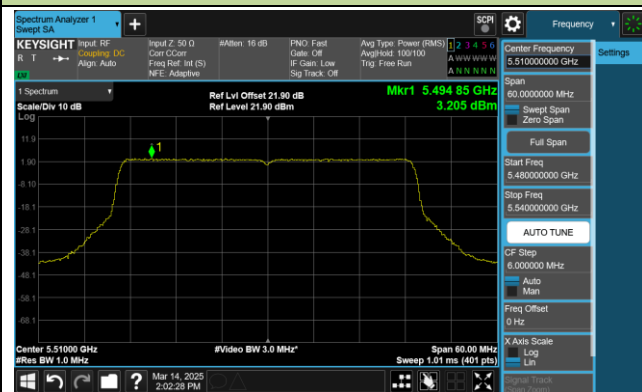
Channel 54 (5270MHz)



Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)



Channel 134 (5670MHz)

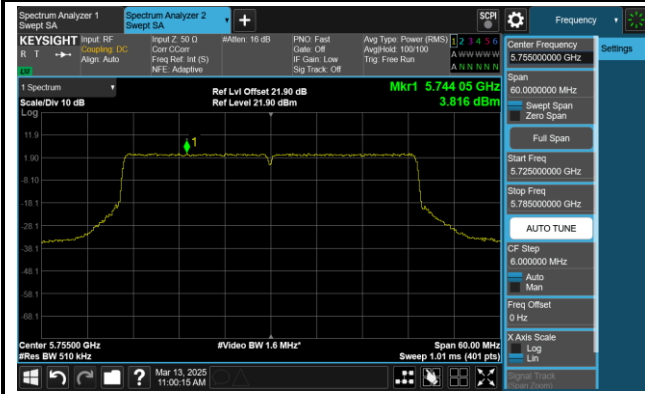


Channel 142(5710MHz)



802.11ax-HE40 Power Spectral Density- Ant 0

Channel 151 (5755MHz)



Channel 159 (5795MHz)

