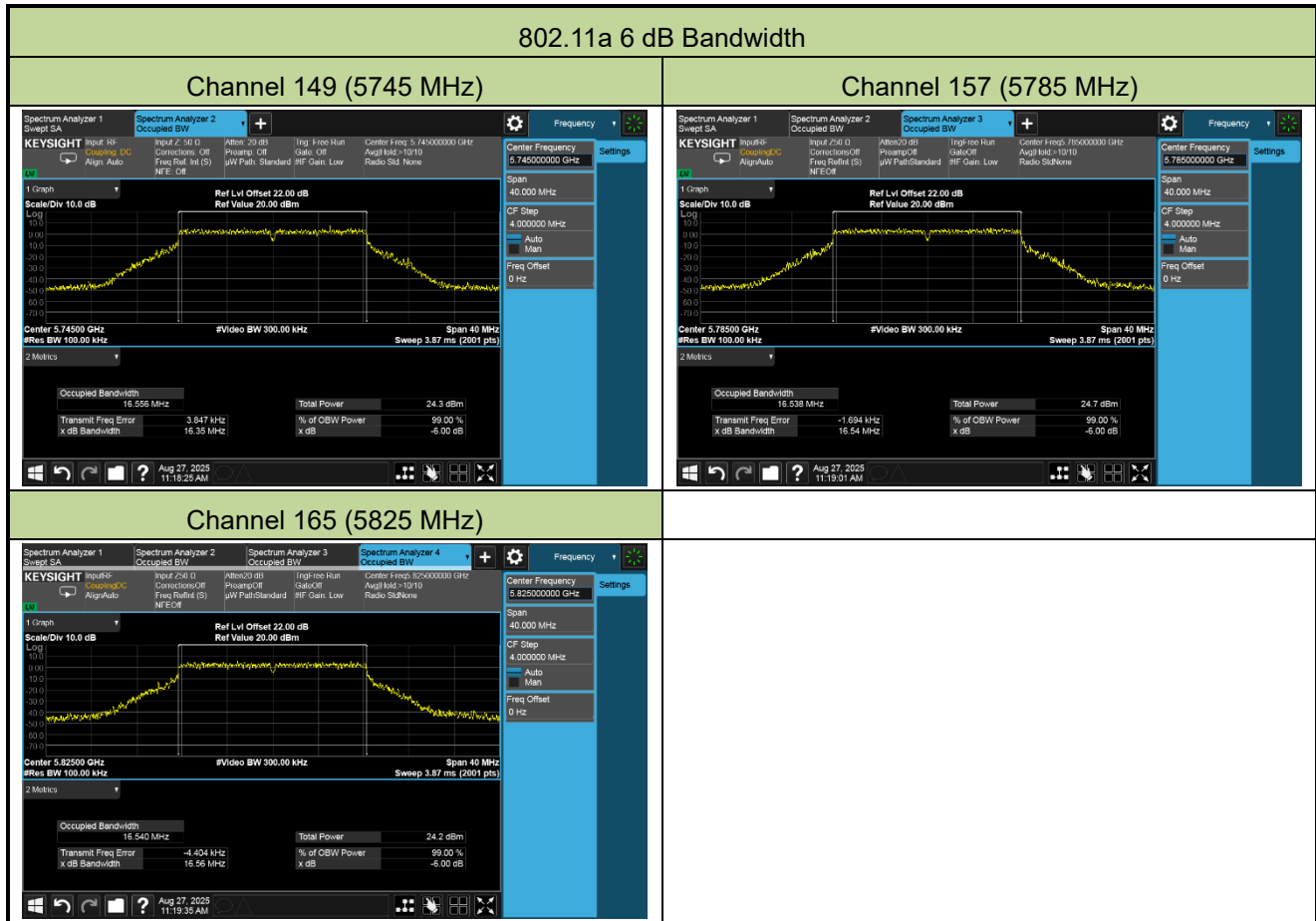
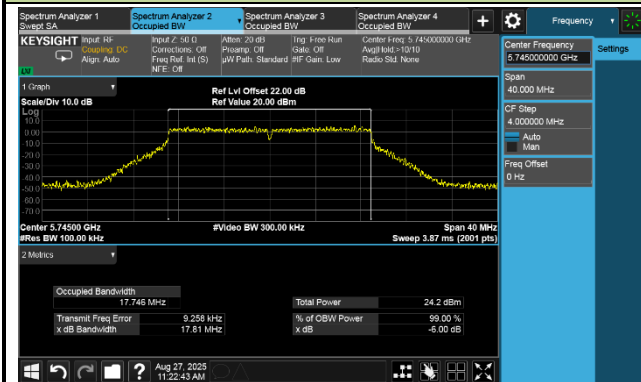


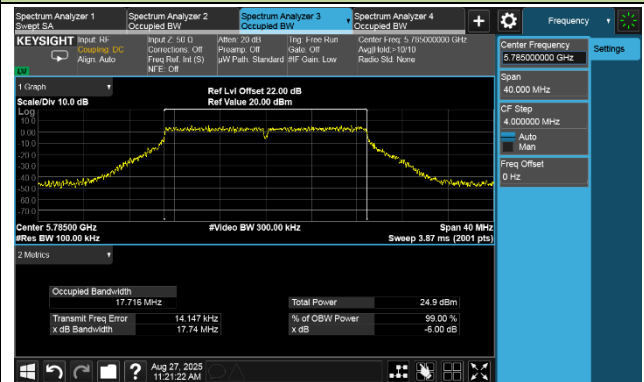


802.11ac-VHT20 6 dB Bandwidth

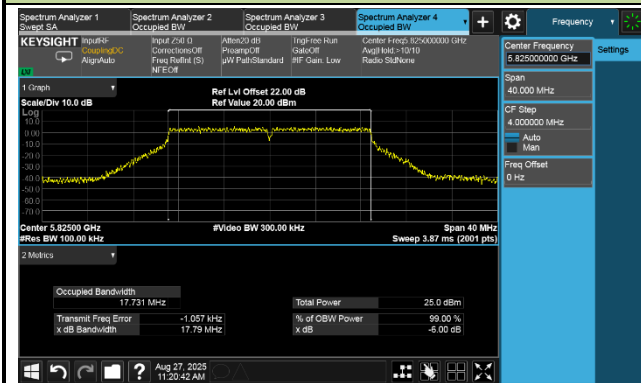
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

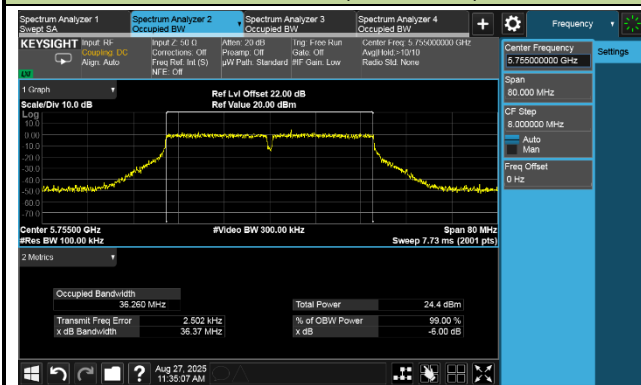


Channel 165 (5825 MHz)

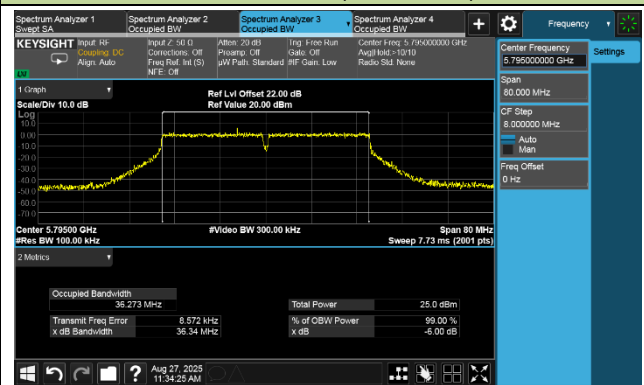


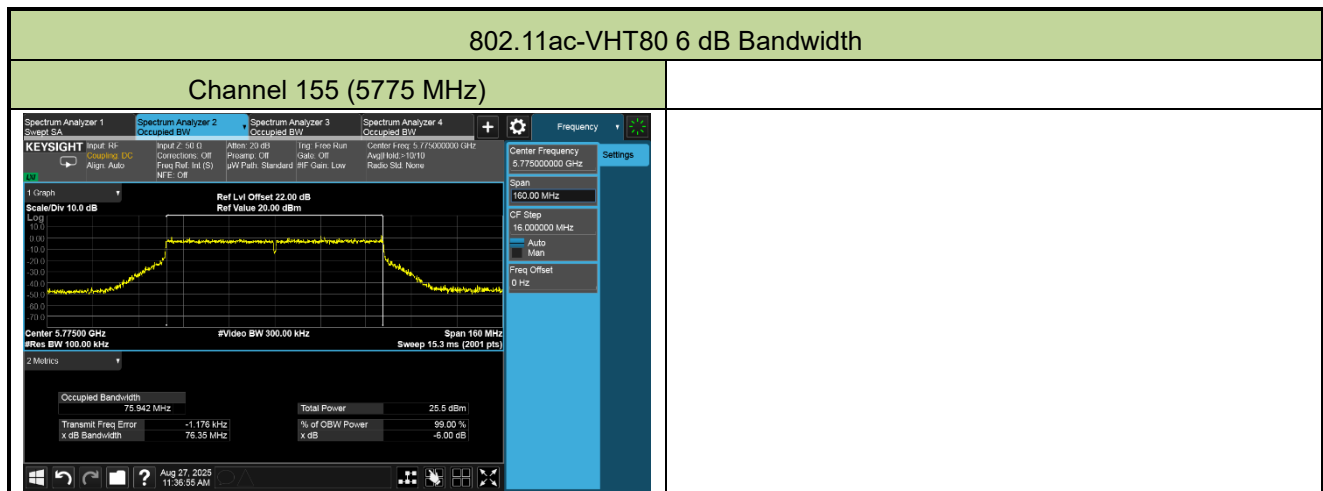
802.11ac-VHT40 6 dB Bandwidth

Channel 151 (5755 MHz)



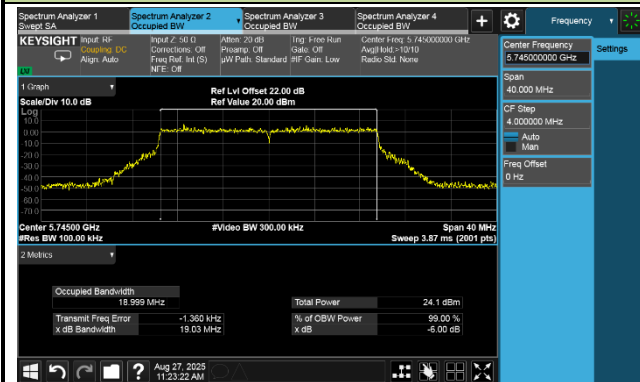
Channel 159 (5795 MHz)



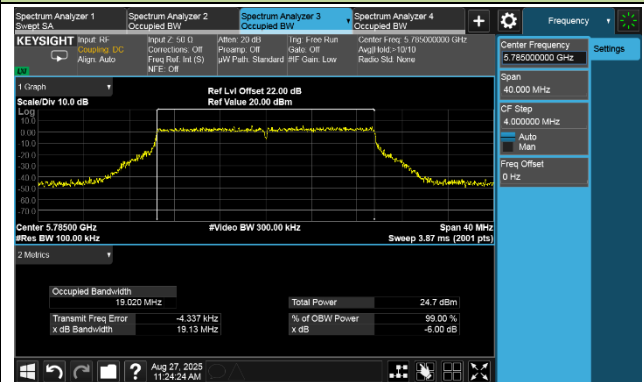


802.11ax-HE20 6 dB Bandwidth

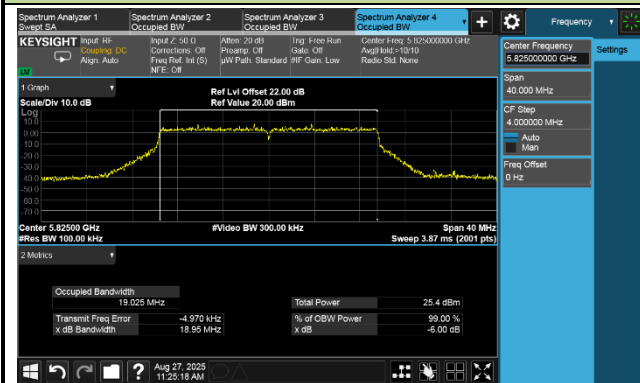
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

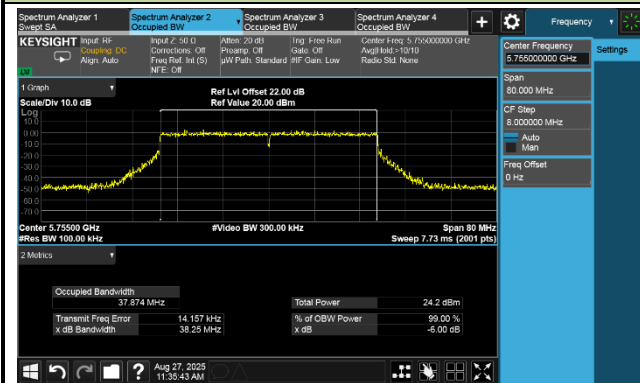


Channel 165 (5825 MHz)

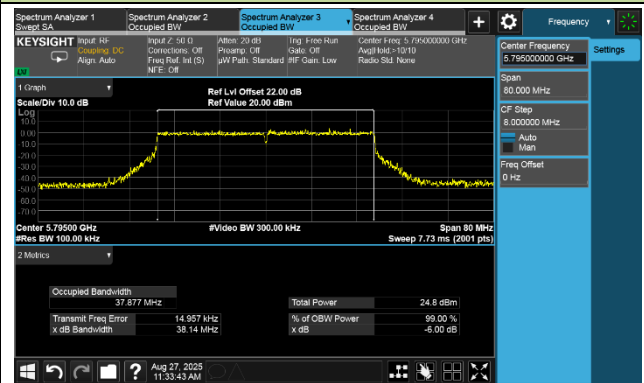


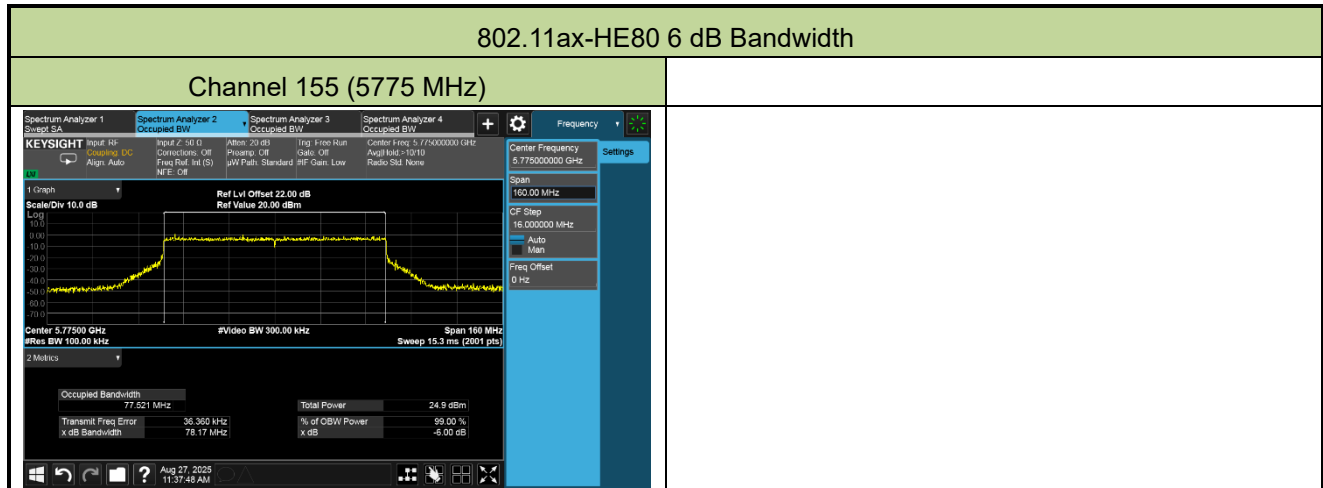
802.11ac-VHT40 6 dB Bandwidth

Channel 151 (5755 MHz)



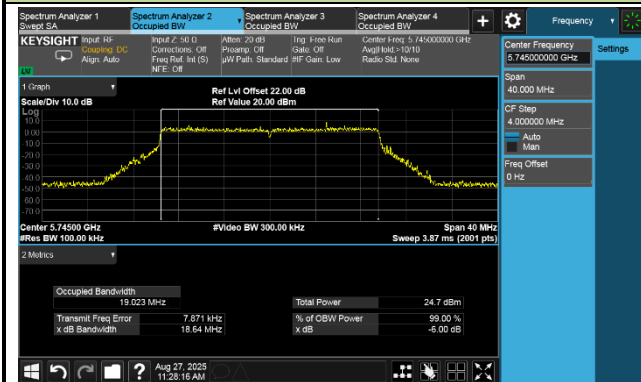
Channel 159 (5795 MHz)



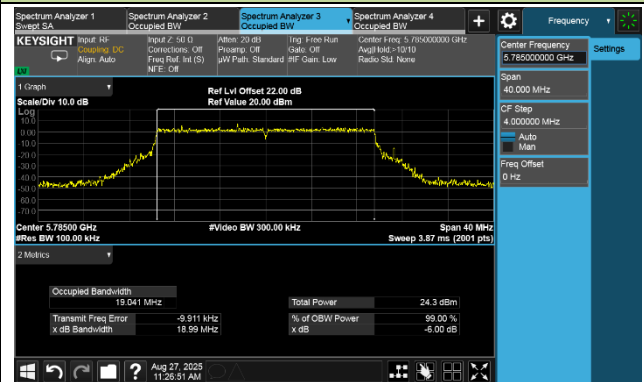


802.11be-EHT20 6 dB Bandwidth

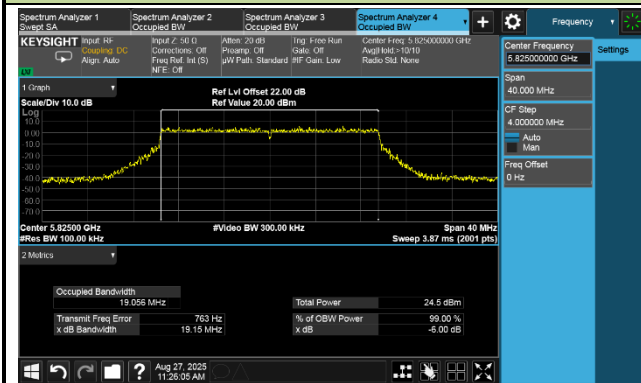
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

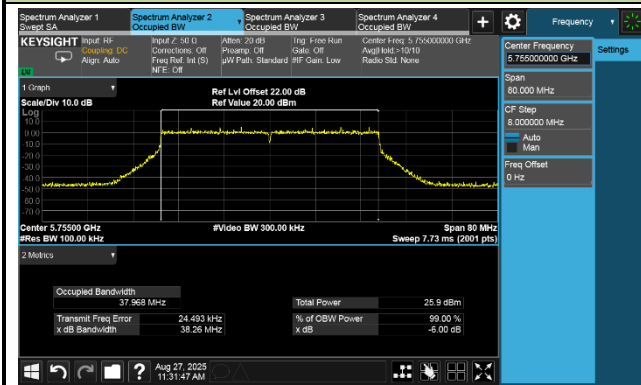


Channel 165 (5825 MHz)

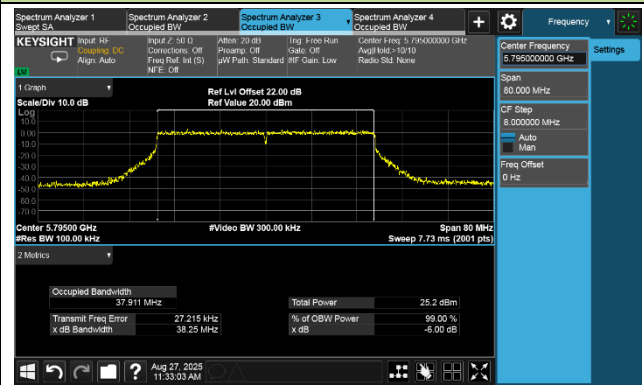


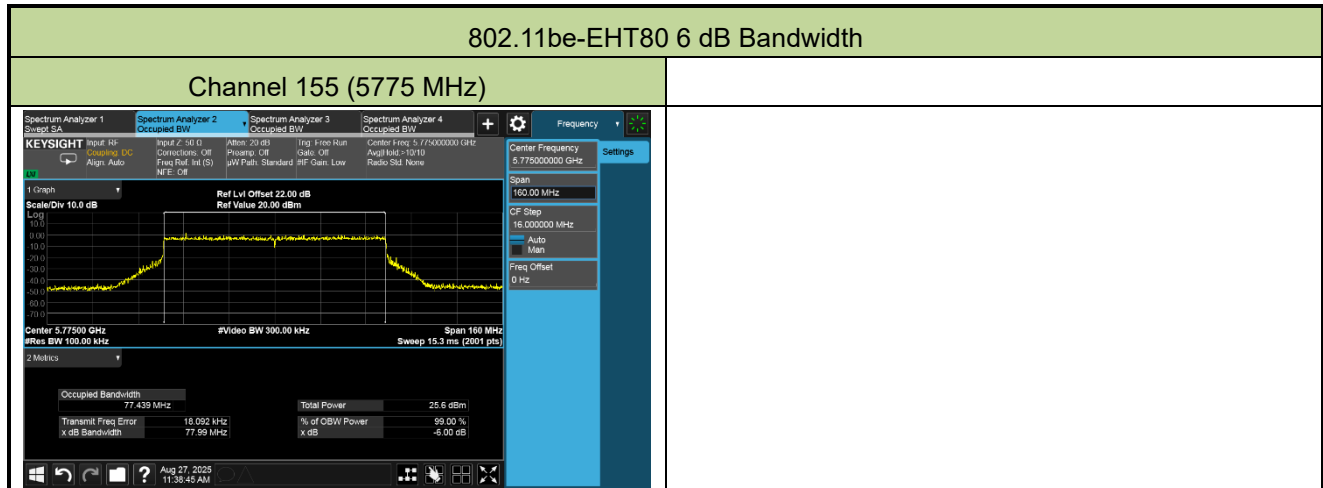
802.11be-EHT40 6 dB Bandwidth

Channel 151 (5755 MHz)



Channel 159 (5795 MHz)





A.4 Output Power Test Result

OAW-AP1571 - WLAN Config 1

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-05 ~ 2025-07-25		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	30° EIRP (dBm)	30° EIRP Limit (dBm)
				Ant 0	Ant 1				
11a	6 Mbps	36	5180	19.88	19.86	22.88	≤ 30.00	20.88	21.00
11a	6 Mbps	44	5220	19.31	20.00	22.68	≤ 30.00	20.68	21.00
11a	6 Mbps	48	5240	19.29	19.99	22.66	≤ 30.00	20.66	21.00
11a	6 Mbps	52	5260	17.50	17.84	20.68	≤ 23.98	--	--
11a	6 Mbps	60	5300	18.18	19.14	21.70	≤ 23.98	--	--
11a	6 Mbps	64	5320	19.11	19.08	22.11	≤ 23.98	--	--
11a	6 Mbps	100	5500	19.43	19.48	22.47	≤ 23.98	--	--
11a	6 Mbps	116	5580	19.02	19.51	22.28	≤ 23.98	--	--
11a	6 Mbps	140	5700	19.08	19.56	22.34	≤ 23.98	--	--
11a	6 Mbps	144	5720	18.91	19.31	22.12	≤ 23.07	--	--
11a	6 Mbps	149	5745	19.28	19.81	22.56	≤ 30.00	--	--
11a	6 Mbps	157	5785	19.41	19.79	22.61	≤ 30.00	--	--
11a	6 Mbps	165	5825	20.00	19.84	22.93	≤ 30.00	--	--
11ac-VHT20	MCS0	36	5180	20.19	19.48	22.86	≤ 30.00	20.86	21.00
11ac-VHT20	MCS0	44	5220	19.77	20.15	22.97	≤ 30.00	20.97	21.00
11ac-VHT20	MCS0	48	5240	19.58	20.12	22.87	≤ 30.00	20.87	21.00
11ac-VHT20	MCS0	52	5260	19.47	19.87	22.68	≤ 23.98	--	--
11ac-VHT20	MCS0	60	5300	19.50	20.17	22.86	≤ 23.98	--	--
11ac-VHT20	MCS0	64	5320	19.66	19.80	22.74	≤ 23.98	--	--
11ac-VHT20	MCS0	100	5500	19.42	19.64	22.54	≤ 23.98	--	--
11ac-VHT20	MCS0	116	5580	19.56	20.17	22.89	≤ 23.98	--	--
11ac-VHT20	MCS0	140	5700	19.67	20.18	22.94	≤ 23.98	--	--
11ac-VHT20	MCS0	144	5720	19.49	20.01	22.77	≤ 23.15	--	--
11ac-VHT20	MCS0	149	5745	19.29	19.81	22.57	≤ 30.00	--	--
11ac-VHT20	MCS0	157	5785	19.45	19.83	22.65	≤ 30.00	--	--
11ac-VHT20	MCS0	165	5825	19.45	19.62	22.55	≤ 30.00	--	--

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	30° EIRP (dBm)	30° EIRP Limit (dBm)
				Ant 0	Ant 1				
11ac-VHT40	MCS0	38	5190	19.99	19.53	22.78	≤ 30.00	20.78	21.00
11ac-VHT40	MCS0	46	5230	19.51	20.12	22.84	≤ 30.00	20.84	21.00
11ac-VHT40	MCS0	54	5270	19.41	19.51	22.47	≤ 23.98	--	--
11ac-VHT40	MCS0	62	5310	17.82	18.31	21.08	≤ 23.98	--	--
11ac-VHT40	MCS0	102	5510	19.26	19.42	22.35	≤ 23.98	--	--
11ac-VHT40	MCS0	110	5550	19.40	19.73	22.58	≤ 23.98	--	--
11ac-VHT40	MCS0	134	5670	19.51	19.60	22.57	≤ 23.98	--	--
11ac-VHT40	MCS0	142	5710	19.60	19.58	22.60	≤ 23.98	--	--
11ac-VHT40	MCS0	151	5755	19.44	19.83	22.65	≤ 30.00	--	--
11ac-VHT40	MCS0	159	5795	19.63	19.65	22.65	≤ 30.00	--	--
11ac-VHT80	MCS0	42	5210	17.59	18.19	20.91	≤ 30.00	18.91	21.00
11ac-VHT80	MCS0	58	5290	17.21	17.89	20.57	≤ 23.98	--	--
11ac-VHT80	MCS0	106	5530	16.05	16.57	19.33	≤ 23.98	--	--
11ac-VHT80	MCS0	122	5610	19.61	20.12	22.88	≤ 23.98	--	--
11ac-VHT80	MCS0	138	5690	19.11	19.60	22.37	≤ 23.98	--	--
11ac-VHT80	MCS0	155	5775	18.75	19.31	22.05	≤ 30.00	--	--
11ac-VHT160	MCS0	50	5250	14.71	15.04	17.89	≤ 23.98	15.89	21.00
11ac-VHT160	MCS0	114	5570	14.67	14.91	17.80	≤ 23.98	--	--
11ax-HE20	MCS0	36	5180	20.19	19.76	22.99	≤ 30.00	20.99	21.00
11ax-HE20	MCS0	44	5220	19.98	19.39	22.71	≤ 30.00	20.71	21.00
11ax-HE20	MCS0	48	5240	19.76	20.11	22.95	≤ 30.00	20.95	21.00
11ax-HE20	MCS0	52	5260	19.65	20.06	22.87	≤ 23.98	--	--
11ax-HE20	MCS0	60	5300	19.66	20.37	23.04	≤ 23.98	--	--
11ax-HE20	MCS0	64	5320	19.91	20.02	22.98	≤ 23.98	--	--
11ax-HE20	MCS0	100	5500	19.78	19.94	22.87	≤ 23.98	--	--
11ax-HE20	MCS0	116	5580	19.92	20.42	23.19	≤ 23.98	--	--
11ax-HE20	MCS0	140	5700	19.92	20.39	23.17	≤ 23.98	--	--
11ax-HE20	MCS0	144	5720	19.85	20.24	23.06	≤ 23.98	--	--
11ax-HE20	MCS0	149	5745	19.46	19.91	22.70	≤ 30.00	--	--
11ax-HE20	MCS0	157	5785	19.64	19.85	22.76	≤ 30.00	--	--
11ax-HE20	MCS0	165	5825	19.67	19.60	22.65	≤ 30.00	--	--

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	30° EIRP (dBm)	30° EIRP Limit (dBm)
				Ant 0	Ant 1				
11ax-HE40	MCS0	38	5190	19.53	19.06	22.31	≤ 30.00	20.31	21.00
11ax-HE40	MCS0	46	5230	19.20	19.50	22.36	≤ 30.00	20.36	21.00
11ax-HE40	MCS0	54	5270	19.44	19.46	22.46	≤ 23.98	--	--
11ax-HE40	MCS0	62	5310	17.81	18.32	21.08	≤ 23.98	--	--
11ax-HE40	MCS0	102	5510	19.35	19.40	22.39	≤ 23.98	--	--
11ax-HE40	MCS0	110	5550	19.40	19.58	22.50	≤ 23.98	--	--
11ax-HE40	MCS0	134	5670	19.92	20.06	23.00	≤ 23.98	--	--
11ax-HE40	MCS0	142	5710	19.59	19.56	22.59	≤ 23.98	--	--
11ax-HE40	MCS0	151	5755	19.48	19.73	22.62	≤ 30.00	--	--
11ax-HE40	MCS0	159	5795	19.74	19.72	22.74	≤ 30.00	--	--
11ax-HE80	MCS0	42	5210	17.68	18.31	21.02	≤ 30.00	19.02	21.00
11ax-HE80	MCS0	58	5290	17.32	17.95	20.66	≤ 23.98	--	--
11ax-HE80	MCS0	106	5530	16.23	16.72	19.49	≤ 23.98	--	--
11ax-HE80	MCS0	122	5610	19.32	19.78	22.57	≤ 23.98	--	--
11ax-HE80	MCS0	138	5690	19.33	19.72	22.54	≤ 23.98	--	--
11ax-HE80	MCS0	155	5775	18.91	19.19	22.06	≤ 30.00	--	--
11ax-HE160	MCS0	50	5250	14.73	15.12	17.94	≤ 23.98	15.94	21.00
11ax-HE160	MCS0	114	5570	14.58	14.91	17.76	≤ 23.98	--	--
11be-EHT20	MCS0	36	5180	19.86	19.48	22.68	≤ 30.00	20.68	21.00
11be-EHT20	MCS0	44	5220	19.22	19.80	22.53	≤ 30.00	20.53	21.00
11be-EHT20	MCS0	48	5240	19.26	19.70	22.50	≤ 30.00	20.50	21.00
11be-EHT20	MCS0	52	5260	19.75	20.01	22.89	≤ 23.98	--	--
11be-EHT20	MCS0	60	5300	19.45	20.40	22.96	≤ 23.98	--	--
11be-EHT20	MCS0	64	5320	19.60	19.67	22.65	≤ 23.98	--	--
11be-EHT20	MCS0	100	5500	19.44	19.70	22.58	≤ 23.98	--	--
11be-EHT20	MCS0	116	5580	19.49	20.04	22.78	≤ 23.98	--	--
11be-EHT20	MCS0	140	5700	19.50	20.04	22.79	≤ 23.98	--	--
11be-EHT20	MCS0	144	5720	19.35	19.88	22.63	≤ 23.26	--	--
11be-EHT20	MCS0	149	5745	19.49	20.00	22.76	≤ 30.00	--	--
11be-EHT20	MCS0	157	5785	19.72	19.95	22.85	≤ 30.00	--	--
11be-EHT20	MCS0	165	5825	19.58	19.60	22.60	≤ 30.00	--	--

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	30° EIRP (dBm)	30° EIRP Limit (dBm)
				Ant 0	Ant 1				
11be-EHT40	MCS0	38	5190	19.48	19.88	22.69	≤ 30.00	20.69	21.00
11be-EHT40	MCS0	46	5230	19.23	20.11	22.70	≤ 30.00	20.70	21.00
11be-EHT40	MCS0	54	5270	19.42	19.41	22.43	≤ 23.98	--	--
11be-EHT40	MCS0	62	5310	17.68	18.20	20.96	≤ 23.98	--	--
11be-EHT40	MCS0	102	5510	19.21	19.34	22.29	≤ 23.98	--	--
11be-EHT40	MCS0	110	5550	19.38	19.50	22.45	≤ 23.98	--	--
11be-EHT40	MCS0	134	5670	19.36	19.69	22.54	≤ 23.98	--	--
11be-EHT40	MCS0	142	5710	19.49	19.69	22.60	≤ 23.98	--	--
11be-EHT40	MCS0	151	5755	19.24	19.62	22.44	≤ 30.00	--	--
11be-EHT40	MCS0	159	5795	19.52	19.65	22.60	≤ 30.00	--	--
11be-EHT80	MCS0	42	5210	17.64	18.07	20.87	≤ 30.00	18.87	21.00
11be-EHT80	MCS0	58	5290	17.28	17.98	20.65	≤ 23.98	--	--
11be-EHT80	MCS0	106	5530	16.24	16.63	19.45	≤ 23.98	--	--
11be-EHT80	MCS0	122	5610	19.25	19.77	22.53	≤ 23.98	--	--
11be-EHT80	MCS0	138	5690	19.36	19.55	22.47	≤ 23.98	--	--
11be-EHT80	MCS0	155	5775	19.79	20.23	23.03	≤ 30.00	--	--
11be-EHT160	MCS0	50	5250	14.71	15.13	17.94	≤ 23.98	15.94	21.00
11be-EHT160	MCS0	114	5570	14.64	14.87	17.77	≤ 23.98	--	--

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

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

Note 3: 30° EIRP (dBm) = Total Average Power (dBm) + Antenna Gain above 30 degrees from the horizon (dBi).

OAW-AP1571 - WLAN Config 2

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-10 ~ 2025-07-12		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11a	6 Mbps	100	5500	19.54	19.60	22.58	≤ 23.98
11a	6 Mbps	116	5580	19.61	19.91	22.77	≤ 23.98
11a	6 Mbps	140	5700	19.53	20.20	22.89	≤ 23.98
11a	6 Mbps	144	5720	20.21	20.29	23.26	≤ 23.15
11a	6 Mbps	149	5745	20.02	19.87	22.96	≤ 30.00
11a	6 Mbps	157	5785	20.08	20.26	23.18	≤ 30.00
11a	6 Mbps	165	5825	20.01	20.34	23.19	≤ 30.00
11ac-VHT20	MCS0	100	5500	20.20	19.60	22.92	≤ 23.98
11ac-VHT20	MCS0	116	5580	19.98	19.71	22.86	≤ 23.98
11ac-VHT20	MCS0	140	5700	20.14	19.90	23.03	≤ 23.98
11ac-VHT20	MCS0	144	5720	20.24	20.14	23.20	≤ 23.15
11ac-VHT20	MCS0	149	5745	19.95	19.80	22.89	≤ 30.00
11ac-VHT20	MCS0	157	5785	19.92	19.83	22.89	≤ 30.00
11ac-VHT20	MCS0	165	5825	19.86	20.39	23.14	≤ 30.00
11ac-VHT40	MCS0	102	5510	20.01	19.51	22.78	≤ 23.98
11ac-VHT40	MCS0	110	5550	20.08	19.80	22.95	≤ 23.98
11ac-VHT40	MCS0	134	5670	20.17	19.78	22.99	≤ 23.98
11ac-VHT40	MCS0	142	5710	20.38	19.98	23.19	≤ 23.98
11ac-VHT40	MCS0	151	5755	19.99	19.63	22.82	≤ 30.00
11ac-VHT40	MCS0	159	5795	19.96	20.24	23.11	≤ 30.00
11ac-VHT80	MCS0	106	5530	19.85	19.40	22.64	≤ 23.98
11ac-VHT80	MCS0	122	5610	19.92	19.43	22.69	≤ 23.98
11ac-VHT80	MCS0	138	5690	19.88	19.38	22.65	≤ 23.98
11ac-VHT80	MCS0	155	5775	19.83	19.88	22.87	≤ 30.00
11ac-VHT160	MCS0	114	5570	20.00	19.57	22.80	≤ 23.98

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ax-HE20	MCS0	100	5500	20.15	19.57	22.88	≤ 23.98
11ax-HE20	MCS0	116	5580	20.20	19.72	22.98	≤ 23.98
11ax-HE20	MCS0	140	5700	20.20	19.84	23.03	≤ 23.98
11ax-HE20	MCS0	144	5720	20.16	19.87	23.03	≤ 23.10
11ax-HE20	MCS0	149	5745	20.00	19.70	22.86	≤ 30.00
11ax-HE20	MCS0	157	5785	20.04	20.16	23.11	≤ 30.00
11ax-HE20	MCS0	165	5825	20.02	20.30	23.17	≤ 30.00
11ax-HE40	MCS0	102	5510	20.26	19.46	22.89	≤ 23.98
11ax-HE40	MCS0	110	5550	20.18	19.65	22.93	≤ 23.98
11ax-HE40	MCS0	134	5670	20.06	19.66	22.87	≤ 23.98
11ax-HE40	MCS0	142	5710	20.30	19.74	23.04	≤ 23.98
11ax-HE40	MCS0	151	5755	20.00	19.84	22.93	≤ 30.00
11ax-HE40	MCS0	159	5795	19.88	20.37	23.14	≤ 30.00
11ax-HE80	MCS0	106	5530	20.04	19.88	22.97	≤ 23.98
11ax-HE80	MCS0	122	5610	19.68	20.04	22.87	≤ 23.98
11ax-HE80	MCS0	138	5690	19.89	20.00	22.96	≤ 23.98
11ax-HE80	MCS0	155	5775	19.77	20.20	23.00	≤ 30.00
11ax-HE160	MCS0	114	5570	19.97	19.90	22.95	≤ 23.98
11be-EHT20	MCS0	100	5500	20.08	19.77	22.94	≤ 23.98
11be-EHT20	MCS0	116	5580	19.96	20.13	23.06	≤ 23.98
11be-EHT20	MCS0	140	5700	20.09	20.23	23.17	≤ 23.98
11be-EHT20	MCS0	144	5720	20.10	20.36	23.24	≤ 23.07
11be-EHT20	MCS0	149	5745	19.79	19.96	22.89	≤ 30.00
11be-EHT20	MCS0	157	5785	19.88	20.32	23.12	≤ 30.00
11be-EHT20	MCS0	165	5825	19.92	20.20	23.07	≤ 30.00
11be-EHT40	MCS0	102	5510	19.90	19.52	22.72	≤ 23.98
11be-EHT40	MCS0	110	5550	19.60	19.54	22.58	≤ 23.98
11be-EHT40	MCS0	134	5670	19.65	19.73	22.70	≤ 23.98
11be-EHT40	MCS0	142	5710	20.10	19.53	22.83	≤ 23.98
11be-EHT40	MCS0	151	5755	19.87	19.45	22.68	≤ 30.00
11be-EHT40	MCS0	159	5795	19.80	19.88	22.85	≤ 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		
11be-EHT80	MCS0	106	5530	19.84	20.04	22.95	≤ 23.98
11be-EHT80	MCS0	122	5610	19.93	19.61	22.78	≤ 23.98
11be-EHT80	MCS0	138	5690	19.68	19.73	22.72	≤ 23.98
11be-EHT80	MCS0	155	5775	19.85	19.98	22.93	≤ 30.00
11be-EHT160	MCS0	114	5570	19.92	19.86	22.90	≤ 23.98

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

Note 2: For Band-Crossing channel, Average Power Limit = 23.98 dBm or $11 + 10 \cdot \log_{10} \text{EBW}_2 \text{ C}$ which is less.

OAW-AP1572 - WLAN Config 1

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-05 ~ 2025-08-20		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	30° EIRP (dBm)	30° EIRP Limit (dBm)
				Ant 0	Ant 1				
11a	6 Mbps	36	5180	16.02	16.82	19.45	≤ 30.00	20.85	21.00
11a	6 Mbps	44	5220	15.98	16.53	19.27	≤ 30.00	20.67	21.00
11a	6 Mbps	48	5240	16.21	16.62	19.43	≤ 30.00	20.83	21.00
11a	6 Mbps	52	5260	17.50	17.84	20.68	≤ 23.98	--	--
11a	6 Mbps	60	5300	18.18	19.14	21.70	≤ 23.98	--	--
11a	6 Mbps	64	5320	19.11	19.08	22.11	≤ 23.98	--	--
11a	6 Mbps	100	5500	19.43	19.48	22.47	≤ 23.98	--	--
11a	6 Mbps	116	5580	19.02	19.51	22.28	≤ 23.98	--	--
11a	6 Mbps	140	5700	19.08	19.56	22.34	≤ 23.98	--	--
11a	6 Mbps	144	5720	18.91	19.31	22.12	≤ 23.07	--	--
11a	6 Mbps	149	5745	19.28	19.81	22.56	≤ 30.00	--	--
11a	6 Mbps	157	5785	19.41	19.79	22.61	≤ 30.00	--	--
11a	6 Mbps	165	5825	20.00	19.84	22.93	≤ 30.00	--	--
11ac-VHT20	MCS0	36	5180	15.74	16.32	19.05	≤ 30.00	20.45	21.00
11ac-VHT20	MCS0	44	5220	16.01	16.12	19.08	≤ 30.00	20.48	21.00
11ac-VHT20	MCS0	48	5240	15.96	16.23	19.11	≤ 30.00	20.51	21.00
11ac-VHT20	MCS0	52	5260	19.47	19.87	22.68	≤ 23.98	--	--
11ac-VHT20	MCS0	60	5300	19.50	20.17	22.86	≤ 23.98	--	--
11ac-VHT20	MCS0	64	5320	19.66	19.80	22.74	≤ 23.98	--	--
11ac-VHT20	MCS0	100	5500	19.42	19.64	22.54	≤ 23.98	--	--
11ac-VHT20	MCS0	116	5580	19.56	20.17	22.89	≤ 23.98	--	--
11ac-VHT20	MCS0	140	5700	19.67	20.18	22.94	≤ 23.98	--	--
11ac-VHT20	MCS0	144	5720	19.49	20.01	22.77	≤ 23.15	--	--
11ac-VHT20	MCS0	149	5745	19.29	19.81	22.57	≤ 30.00	--	--
11ac-VHT20	MCS0	157	5785	19.45	19.83	22.65	≤ 30.00	--	--
11ac-VHT20	MCS0	165	5825	19.45	19.62	22.55	≤ 30.00	--	--

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	30° EIRP (dBm)	30° EIRP Limit (dBm)
				Ant 0	Ant 1				
11ac-VHT40	MCS0	38	5190	16.12	16.54	19.35	≤ 30.00	20.75	21.00
11ac-VHT40	MCS0	46	5230	15.98	16.13	19.07	≤ 30.00	20.47	21.00
11ac-VHT40	MCS0	54	5270	19.41	19.51	22.47	≤ 23.98	--	--
11ac-VHT40	MCS0	62	5310	19.21	19.72	22.48	≤ 23.98	--	--
11ac-VHT40	MCS0	102	5510	19.71	19.87	22.80	≤ 23.98	--	--
11ac-VHT40	MCS0	110	5550	19.40	19.73	22.58	≤ 23.98	--	--
11ac-VHT40	MCS0	134	5670	19.51	19.60	22.57	≤ 23.98	--	--
11ac-VHT40	MCS0	142	5710	19.60	19.58	22.60	≤ 23.98	--	--
11ac-VHT40	MCS0	151	5755	19.44	19.83	22.65	≤ 30.00	--	--
11ac-VHT40	MCS0	159	5795	19.63	19.65	22.65	≤ 30.00	--	--
11ac-VHT80	MCS0	42	5210	15.16	16.71	19.01	≤ 30.00	20.41	21.00
11ac-VHT80	MCS0	58	5290	18.94	19.54	22.26	≤ 23.98	--	--
11ac-VHT80	MCS0	106	5530	19.53	20.07	22.82	≤ 23.98	--	--
11ac-VHT80	MCS0	122	5610	19.61	20.12	22.88	≤ 23.98	--	--
11ac-VHT80	MCS0	138	5690	19.11	19.60	22.37	≤ 23.98	--	--
11ac-VHT80	MCS0	155	5775	19.75	19.99	22.88	≤ 30.00	--	--
11ac-VHT160	MCS0	50	5250	15.54	16.62	19.12	≤ 23.98	20.52	21.00
11ac-VHT160	MCS0	114	5570	16.35	16.51	19.44	≤ 23.98	--	--
11ax-HE20	MCS0	36	5180	15.82	16.46	19.16	≤ 30.00	20.56	21.00
11ax-HE20	MCS0	44	5220	16.07	16.79	19.46	≤ 30.00	20.86	21.00
11ax-HE20	MCS0	48	5240	15.86	16.06	18.97	≤ 30.00	20.37	21.00
11ax-HE20	MCS0	52	5260	19.65	20.06	22.87	≤ 23.98	--	--
11ax-HE20	MCS0	60	5300	19.66	20.37	23.04	≤ 23.98	--	--
11ax-HE20	MCS0	64	5320	19.91	20.02	22.98	≤ 23.98	--	--
11ax-HE20	MCS0	100	5500	19.78	19.94	22.87	≤ 23.98	--	--
11ax-HE20	MCS0	116	5580	19.92	20.42	23.19	≤ 23.98	--	--
11ax-HE20	MCS0	140	5700	19.92	20.39	23.17	≤ 23.98	--	--
11ax-HE20	MCS0	144	5720	19.85	20.24	23.06	≤ 23.19	--	--
11ax-HE20	MCS0	149	5745	19.46	19.91	22.70	≤ 30.00	--	--
11ax-HE20	MCS0	157	5785	19.64	19.85	22.76	≤ 30.00	--	--
11ax-HE20	MCS0	165	5825	19.67	19.60	22.65	≤ 30.00	--	--

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	30° EIRP (dBm)	30° EIRP Limit (dBm)
				Ant 0	Ant 1				
11ax-HE40	MCS0	38	5190	15.87	16.55	19.23	≤ 30.00	20.63	21.00
11ax-HE40	MCS0	46	5230	15.89	16.41	19.17	≤ 30.00	20.57	21.00
11ax-HE40	MCS0	54	5270	19.44	19.46	22.46	≤ 23.98	--	--
11ax-HE40	MCS0	62	5310	19.21	19.67	22.46	≤ 23.98	--	--
11ax-HE40	MCS0	102	5510	19.56	19.72	22.65	≤ 23.98	--	--
11ax-HE40	MCS0	110	5550	19.40	19.58	22.50	≤ 23.98	--	--
11ax-HE40	MCS0	134	5670	19.92	20.06	23.00	≤ 23.98	--	--
11ax-HE40	MCS0	142	5710	19.59	19.56	22.59	≤ 23.98	--	--
11ax-HE40	MCS0	151	5755	19.48	19.73	22.62	≤ 30.00	--	--
11ax-HE40	MCS0	159	5795	19.74	19.72	22.74	≤ 30.00	--	--
11ax-HE80	MCS0	42	5210	15.51	16.43	19.00	≤ 30.00	20.40	21.00
11ax-HE80	MCS0	58	5290	19.55	20.14	22.87	≤ 23.98	--	--
11ax-HE80	MCS0	106	5530	19.61	20.05	22.85	≤ 23.98	--	--
11ax-HE80	MCS0	122	5610	19.32	19.78	22.57	≤ 23.98	--	--
11ax-HE80	MCS0	138	5690	19.33	19.72	22.54	≤ 23.98	--	--
11ax-HE80	MCS0	155	5775	19.65	20.11	22.90	≤ 30.00	--	--
11ax-HE160	MCS0	50	5250	15.74	16.59	19.20	≤ 23.98	20.60	21.00
11ax-HE160	MCS0	114	5570	19.56	19.52	22.55	≤ 23.98	--	--
11be-EHT20	MCS0	36	5180	15.45	16.32	18.92	≤ 30.00	20.32	21.00
11be-EHT20	MCS0	44	5220	15.78	16.68	19.26	≤ 30.00	20.66	21.00
11be-EHT20	MCS0	48	5240	15.72	16.38	19.07	≤ 30.00	20.47	21.00
11be-EHT20	MCS0	52	5260	19.75	20.01	22.89	≤ 23.98	--	--
11be-EHT20	MCS0	60	5300	19.45	20.40	22.96	≤ 23.98	--	--
11be-EHT20	MCS0	64	5320	19.60	19.67	22.65	≤ 23.98	--	--
11be-EHT20	MCS0	100	5500	19.44	19.70	22.58	≤ 23.98	--	--
11be-EHT20	MCS0	116	5580	19.49	20.04	22.78	≤ 23.98	--	--
11be-EHT20	MCS0	140	5700	19.50	20.04	22.79	≤ 23.98	--	--
11be-EHT20	MCS0	144	5720	19.35	19.88	22.63	≤ 23.26	--	--
11be-EHT20	MCS0	149	5745	19.49	20.00	22.76	≤ 30.00	--	--
11be-EHT20	MCS0	157	5785	19.72	19.95	22.85	≤ 30.00	--	--
11be-EHT20	MCS0	165	5825	19.58	19.60	22.60	≤ 30.00	--	--

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)	30° EIRP (dBm)	30° EIRP Limit (dBm)
				Ant 0	Ant 1				
11be-EHT40	MCS0	38	5190	15.64	16.39	19.04	≤ 30.00	20.44	21.00
11be-EHT40	MCS0	46	5230	15.74	16.41	19.10	≤ 30.00	20.50	21.00
11be-EHT40	MCS0	54	5270	19.42	19.41	22.43	≤ 23.98	--	--
11be-EHT40	MCS0	62	5310	19.46	19.87	22.68	≤ 23.98	--	--
11be-EHT40	MCS0	102	5510	19.46	19.67	22.58	≤ 23.98	--	--
11be-EHT40	MCS0	110	5550	19.38	19.50	22.45	≤ 23.98	--	--
11be-EHT40	MCS0	134	5670	19.36	19.69	22.54	≤ 23.98	--	--
11be-EHT40	MCS0	142	5710	19.49	19.69	22.60	≤ 23.98	--	--
11be-EHT40	MCS0	151	5755	19.24	19.62	22.44	≤ 30.00	--	--
11be-EHT40	MCS0	159	5795	19.52	19.65	22.60	≤ 30.00	--	--
11be-EHT80	MCS0	42	5210	15.69	16.45	19.10	≤ 30.00	20.50	21.00
11be-EHT80	MCS0	58	5290	19.73	20.21	22.99	≤ 23.98	--	--
11be-EHT80	MCS0	106	5530	19.64	20.25	22.97	≤ 23.98	--	--
11be-EHT80	MCS0	122	5610	19.25	19.77	22.53	≤ 23.98	--	--
11be-EHT80	MCS0	138	5690	19.36	19.55	22.47	≤ 23.98	--	--
11be-EHT80	MCS0	155	5775	19.79	20.23	23.03	≤ 30.00	--	--
11be-EHT160	MCS0	50	5250	15.41	16.53	19.02	≤ 23.98	20.42	21.00
11be-EHT160	MCS0	114	5570	15.46	16.71	19.14	≤ 23.98	--	--

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

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

Note 3: 30° EIRP (dBm) = Total Average Power (dBm) + Antenna Gain above 30 degrees from the horizon (dBi).

OAW-AP1572 - WLAN Config 2

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-10 ~ 2025-07-12		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11a	6 Mbps	100	5500	19.54	19.60	22.58	≤ 23.98
11a	6 Mbps	116	5580	19.61	19.91	22.77	≤ 23.98
11a	6 Mbps	140	5700	19.53	20.20	22.89	≤ 23.98
11a	6 Mbps	144	5720	20.21	20.29	23.26	≤ 23.15
11a	6 Mbps	149	5745	20.02	19.87	22.96	≤ 30.00
11a	6 Mbps	157	5785	20.08	20.26	23.18	≤ 30.00
11a	6 Mbps	165	5825	20.01	20.34	23.19	≤ 30.00
11ac-VHT20	MCS0	100	5500	20.20	19.60	22.92	≤ 23.98
11ac-VHT20	MCS0	116	5580	19.98	19.71	22.86	≤ 23.98
11ac-VHT20	MCS0	140	5700	20.14	19.90	23.03	≤ 23.98
11ac-VHT20	MCS0	144	5720	20.24	20.14	23.20	≤ 23.15
11ac-VHT20	MCS0	149	5745	19.95	19.80	22.89	≤ 30.00
11ac-VHT20	MCS0	157	5785	19.92	19.83	22.89	≤ 30.00
11ac-VHT20	MCS0	165	5825	19.86	20.39	23.14	≤ 30.00
11ac-VHT40	MCS0	102	5510	20.01	19.51	22.78	≤ 23.98
11ac-VHT40	MCS0	110	5550	20.08	19.80	22.95	≤ 23.98
11ac-VHT40	MCS0	134	5670	20.17	19.78	22.99	≤ 23.98
11ac-VHT40	MCS0	142	5710	20.38	19.98	23.19	≤ 23.98
11ac-VHT40	MCS0	151	5755	19.99	19.63	22.82	≤ 30.00
11ac-VHT40	MCS0	159	5795	19.96	20.24	23.11	≤ 30.00
11ac-VHT80	MCS0	106	5530	19.85	19.40	22.64	≤ 23.98
11ac-VHT80	MCS0	122	5610	19.92	19.43	22.69	≤ 23.98
11ac-VHT80	MCS0	138	5690	19.88	19.38	22.65	≤ 23.98
11ac-VHT80	MCS0	155	5775	19.83	19.88	22.87	≤ 30.00
11ac-VHT160	MCS0	114	5570	20.00	19.57	22.80	≤ 23.98

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ax-HE20	MCS0	100	5500	20.15	19.57	22.88	≤ 23.98
11ax-HE20	MCS0	116	5580	20.20	19.72	22.98	≤ 23.98
11ax-HE20	MCS0	140	5700	20.20	19.84	23.03	≤ 23.98
11ax-HE20	MCS0	144	5720	20.16	19.87	23.03	≤ 23.10
11ax-HE20	MCS0	149	5745	20.00	19.70	22.86	≤ 30.00
11ax-HE20	MCS0	157	5785	20.04	20.16	23.11	≤ 30.00
11ax-HE20	MCS0	165	5825	20.02	20.30	23.17	≤ 30.00
11ax-HE40	MCS0	102	5510	20.26	19.46	22.89	≤ 23.98
11ax-HE40	MCS0	110	5550	20.18	19.65	22.93	≤ 23.98
11ax-HE40	MCS0	134	5670	20.06	19.66	22.87	≤ 23.98
11ax-HE40	MCS0	142	5710	20.30	19.74	23.04	≤ 23.98
11ax-HE40	MCS0	151	5755	20.00	19.84	22.93	≤ 30.00
11ax-HE40	MCS0	159	5795	19.88	20.37	23.14	≤ 30.00
11ax-HE80	MCS0	106	5530	20.04	19.88	22.97	≤ 23.98
11ax-HE80	MCS0	122	5610	19.68	20.04	22.87	≤ 23.98
11ax-HE80	MCS0	138	5690	19.89	20.00	22.96	≤ 23.98
11ax-HE80	MCS0	155	5775	19.77	20.20	23.00	≤ 30.00
11ax-HE160	MCS0	114	5570	19.97	19.90	22.95	≤ 23.98
11be-EHT20	MCS0	100	5500	20.08	19.77	22.94	≤ 23.98
11be-EHT20	MCS0	116	5580	19.96	20.13	23.06	≤ 23.98
11be-EHT20	MCS0	140	5700	20.09	20.23	23.17	≤ 23.98
11be-EHT20	MCS0	144	5720	20.10	20.36	23.24	≤ 23.07
11be-EHT20	MCS0	149	5745	19.79	19.96	22.89	≤ 30.00
11be-EHT20	MCS0	157	5785	19.88	20.32	23.12	≤ 30.00
11be-EHT20	MCS0	165	5825	19.92	20.20	23.07	≤ 30.00
11be-EHT40	MCS0	102	5510	19.90	19.52	22.72	≤ 23.98
11be-EHT40	MCS0	110	5550	19.60	19.54	22.58	≤ 23.98
11be-EHT40	MCS0	134	5670	19.65	19.73	22.70	≤ 23.98
11be-EHT40	MCS0	142	5710	20.10	19.53	22.83	≤ 23.98
11be-EHT40	MCS0	151	5755	19.87	19.45	22.68	≤ 30.00
11be-EHT40	MCS0	159	5795	19.80	19.88	22.85	≤ 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		
11be-EHT80	MCS0	106	5530	19.84	20.04	22.95	≤ 23.98
11be-EHT80	MCS0	122	5610	19.93	19.61	22.78	≤ 23.98
11be-EHT80	MCS0	138	5690	19.68	19.73	22.72	≤ 23.98
11be-EHT80	MCS0	155	5775	19.85	19.98	22.93	≤ 30.00
11be-EHT160	MCS0	114	5570	19.92	19.86	22.90	≤ 23.98

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

Note 2: For Band-Crossing channel, Average Power Limit = 23.98 dBm or $11 + 10 \cdot \log_{10} \text{EBW}_2$ which is less.

A.5 Power Spectral Density Test Result

OAW-AP1571 - WLAN Config 1

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-05~2025-07-25		
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			
11a	6 Mbps	36	5180	7.817	8.018	99.10	10.929	≤ 17.0
11a	6 Mbps	44	5220	7.500	7.886	99.10	10.708	≤ 17.0
11a	6 Mbps	48	5240	7.277	7.490	99.10	10.395	≤ 17.0
11a	6 Mbps	52	5260	7.652	7.853	99.10	10.764	≤ 11.0
11a	6 Mbps	60	5300	7.641	7.763	99.10	10.713	≤ 11.0
11a	6 Mbps	64	5320	7.525	7.489	99.10	10.517	≤ 11.0
11a	6 Mbps	100	5500	7.659	7.957	99.10	10.821	≤ 11.0
11a	6 Mbps	116	5580	7.348	7.691	99.10	10.533	≤ 11.0
11a	6 Mbps	140	5700	7.174	7.675	99.10	10.442	≤ 11.0
11a	6 Mbps	144	5720	7.264	7.671	99.10	10.483	≤ 11.0
11ac-VHT20	MCS0	36	5180	7.856	7.627	97.67	10.856	≤ 17.0
11ac-VHT20	MCS0	44	5220	7.383	7.683	97.67	10.648	≤ 17.0
11ac-VHT20	MCS0	48	5240	7.449	7.664	97.67	10.671	≤ 17.0
11ac-VHT20	MCS0	52	5260	7.461	7.679	97.67	10.684	≤ 11.0
11ac-VHT20	MCS0	60	5300	7.416	8.070	97.67	10.868	≤ 11.0
11ac-VHT20	MCS0	64	5320	7.619	7.693	97.67	10.769	≤ 11.0
11ac-VHT20	MCS0	100	5500	7.349	7.634	97.67	10.607	≤ 11.0
11ac-VHT20	MCS0	116	5580	7.414	7.812	97.67	10.730	≤ 11.0
11ac-VHT20	MCS0	140	5700	7.398	7.851	97.67	10.743	≤ 11.0
11ac-VHT20	MCS0	144	5720	7.461	7.770	97.67	10.731	≤ 11.0
11ac-VHT40	MCS0	38	5190	4.867	4.842	98.22	7.865	≤ 17.0
11ac-VHT40	MCS0	46	5230	4.678	4.826	98.22	7.763	≤ 17.0
11ac-VHT40	MCS0	54	5270	4.382	4.624	98.22	7.515	≤ 11.0
11ac-VHT40	MCS0	62	5310	2.433	3.100	98.22	5.790	≤ 11.0
11ac-VHT40	MCS0	102	5510	4.202	4.215	98.22	7.219	≤ 11.0
11ac-VHT40	MCS0	110	5550	3.980	4.545	98.22	7.282	≤ 11.0
11ac-VHT40	MCS0	134	5670	4.238	4.480	98.22	7.371	≤ 11.0
11ac-VHT40	MCS0	142	5710	4.098	4.659	98.22	7.398	≤ 11.0

Test Mode	Data Rate/	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
	MCS0			Ant 0	Ant 1			
11ac-VHT80	MCS0	42	5210	0.026	0.629	97.04	3.479	≤ 17.0
11ac-VHT80	MCS0	58	5290	-0.950	-0.389	97.04	2.480	≤ 11.0
11ac-VHT80	MCS0	106	5530	-1.857	-1.622	97.04	1.403	≤ 11.0
11ac-VHT80	MCS0	122	5610	1.599	2.384	97.04	5.150	≤ 11.0
11ac-VHT80	MCS0	138	5690	0.912	1.053	97.04	4.124	≤ 11.0
11ac-VHT160	MCS0	50	5250	-4.953	-4.529	98.36	-1.726	≤ 11.0
11ac-VHT160	MCS0	114	5570	-6.196	-6.138	98.36	-3.157	≤ 11.0
11ax-HE20	MCS0	36	5180	7.508	7.514	97.82	10.617	≤ 17.0
11ax-HE20	MCS0	44	5220	6.911	7.483	97.82	10.312	≤ 17.0
11ax-HE20	MCS0	48	5240	7.096	7.333	97.82	10.322	≤ 17.0
11ax-HE20	MCS0	52	5260	7.264	7.027	97.82	10.253	≤ 11.0
11ax-HE20	MCS0	60	5300	7.100	7.733	97.82	10.534	≤ 11.0
11ax-HE20	MCS0	64	5320	7.304	7.450	97.82	10.484	≤ 11.0
11ax-HE20	MCS0	100	5500	6.986	7.279	97.82	10.241	≤ 11.0
11ax-HE20	MCS0	116	5580	7.173	7.655	97.82	10.527	≤ 11.0
11ax-HE20	MCS0	140	5700	7.116	7.595	97.82	10.468	≤ 11.0
11ax-HE20	MCS0	144	5720	7.126	7.468	97.82	10.406	≤ 11.0
11ax-HE40	MCS0	38	5190	4.396	4.252	97.14	7.461	≤ 17.0
11ax-HE40	MCS0	46	5230	4.018	4.213	97.14	7.253	≤ 17.0
11ax-HE40	MCS0	54	5270	3.868	3.929	97.14	7.035	≤ 11.0
11ax-HE40	MCS0	62	5310	2.240	3.086	97.14	5.820	≤ 11.0
11ax-HE40	MCS0	102	5510	3.954	4.079	97.14	7.153	≤ 11.0
11ax-HE40	MCS0	110	5550	3.408	3.532	97.14	6.607	≤ 11.0
11ax-HE40	MCS0	134	5670	4.625	4.812	97.14	7.856	≤ 11.0
11ax-HE40	MCS0	142	5710	3.496	3.141	97.14	6.458	≤ 11.0
11ax-HE80	MCS0	42	5210	-0.346	0.612	98.28	3.170	≤ 17.0
11ax-HE80	MCS0	58	5290	-0.826	-0.457	98.28	2.373	≤ 11.0
11ax-HE80	MCS0	106	5530	-1.897	-1.539	98.28	1.296	≤ 11.0
11ax-HE80	MCS0	122	5610	1.174	1.757	98.28	4.486	≤ 11.0
11ax-HE80	MCS0	138	5690	-0.093	1.235	98.28	3.632	≤ 11.0
11ax-HE160	MCS0	50	5250	-5.282	-4.740	97.90	-1.900	≤ 11.0
11ax-HE160	MCS0	114	5570	-6.578	-6.465	97.90	-3.419	≤ 11.0

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			
11be-EHT20	MCS0	36	5180	7.059	6.978	97.70	10.130	≤ 17.0
11be-EHT20	MCS0	44	5220	7.346	7.550	97.70	10.561	≤ 17.0
11be-EHT20	MCS0	48	5240	7.232	7.370	97.70	10.413	≤ 17.0
11be-EHT20	MCS0	52	5260	7.357	7.533	97.70	10.557	≤ 11.0
11be-EHT20	MCS0	60	5300	7.241	7.882	97.70	10.685	≤ 11.0
11be-EHT20	MCS0	64	5320	7.444	7.476	97.70	10.571	≤ 11.0
11be-EHT20	MCS0	100	5500	7.230	7.334	97.70	10.394	≤ 11.0
11be-EHT20	MCS0	116	5580	7.259	7.712	97.70	10.603	≤ 11.0
11be-EHT20	MCS0	140	5700	7.266	7.630	97.70	10.563	≤ 11.0
11be-EHT20	MCS0	144	5720	7.230	7.672	97.70	10.568	≤ 11.0
11be-EHT40	MCS0	38	5190	4.672	4.743	97.32	7.836	≤ 17.0
11be-EHT40	MCS0	46	5230	3.906	3.991	97.32	7.077	≤ 17.0
11be-EHT40	MCS0	54	5270	3.644	3.744	97.32	6.823	≤ 11.0
11be-EHT40	MCS0	62	5310	2.187	2.902	97.32	5.687	≤ 11.0
11be-EHT40	MCS0	102	5510	3.974	3.923	97.32	7.077	≤ 11.0
11be-EHT40	MCS0	110	5550	3.280	3.965	97.32	6.764	≤ 11.0
11be-EHT40	MCS0	134	5670	3.298	4.030	97.32	6.808	≤ 11.0
11be-EHT40	MCS0	142	5710	4.020	3.980	97.32	7.128	≤ 11.0
11be-EHT80	MCS0	42	5210	-0.199	0.679	97.78	3.370	≤ 17.0
11be-EHT80	MCS0	58	5290	-0.831	-0.447	97.78	2.473	≤ 11.0
11be-EHT80	MCS0	106	5530	-1.856	-1.440	97.78	1.465	≤ 11.0
11be-EHT80	MCS0	122	5610	0.964	1.754	97.78	4.485	≤ 11.0
11be-EHT80	MCS0	138	5690	0.758	0.930	97.78	3.953	≤ 11.0
11be-EHT160	MCS0	50	5250	-5.180	-4.609	97.74	-1.776	≤ 11.0
11be-EHT160	MCS0	114	5570	-6.243	-6.346	97.74	-3.185	≤ 11.0

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

Test Site	SIP-TR1	Test Engineer	Nolan Chen
Test Date	2025-07-12 ~ 2025-07-25		
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510 kHz)		Duty Cycle (%)	Total PSD (dBm/ 510 kHz)	PSD Limit (dBm/ 500 kHz)
				Ant 0	Ant 1			
11a	6 Mbps	149	5745	4.483	4.854	99.10	7.683	≤ 30.0
11a	6 Mbps	157	5785	4.538	4.982	99.10	7.776	≤ 30.0
11a	6 Mbps	165	5825	4.879	4.654	99.10	7.778	≤ 30.0
11ac-VHT20	MCS0	149	5745	4.128	4.592	97.67	7.479	≤ 30.0
11ac-VHT20	MCS0	157	5785	4.259	4.682	97.67	7.588	≤ 30.0
11ac-VHT20	MCS0	165	5825	4.450	4.457	97.67	7.566	≤ 30.0
11ac-VHT40	MCS0	151	5755	1.181	1.641	98.22	4.427	≤ 30.0
11ac-VHT40	MCS0	159	5795	1.128	1.620	98.22	4.391	≤ 30.0
11ac-VHT80	MCS0	155	5775	-2.205	-1.810	97.04	1.138	≤ 30.0
11ax-HE20	MCS0	149	5745	3.953	4.394	97.82	7.285	≤ 30.0
11ax-HE20	MCS0	157	5785	3.949	4.358	97.82	7.264	≤ 30.0
11ax-HE20	MCS0	165	5825	4.227	4.139	97.82	7.289	≤ 30.0
11ax-HE40	MCS0	151	5755	1.015	1.457	97.14	4.378	≤ 30.0
11ax-HE40	MCS0	159	5795	1.163	1.345	97.14	4.391	≤ 30.0
11ax-HE80	MCS0	155	5775	-2.316	-1.915	98.28	0.899	≤ 30.0
11be-EHT20	MCS0	149	5745	3.898	4.195	97.70	7.160	≤ 30.0
11be-EHT20	MCS0	157	5785	3.977	4.505	97.70	7.360	≤ 30.0
11be-EHT20	MCS0	165	5825	4.210	4.137	97.70	7.285	≤ 30.0
11be-EHT40	MCS0	151	5755	0.892	1.206	97.32	4.180	≤ 30.0
11be-EHT40	MCS0	159	5795	1.007	1.235	97.32	4.251	≤ 30.0
11be-EHT80	MCS0	155	5775	-1.735	-1.232	97.78	1.632	≤ 30.0

Note:

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

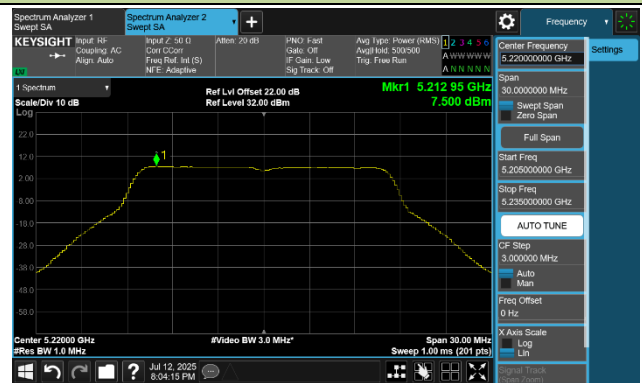
When EUT duty cycle ≥ 98%, the total PSD (dBm/510 kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\}$.

802.11a Power Spectral Density- Ant 0

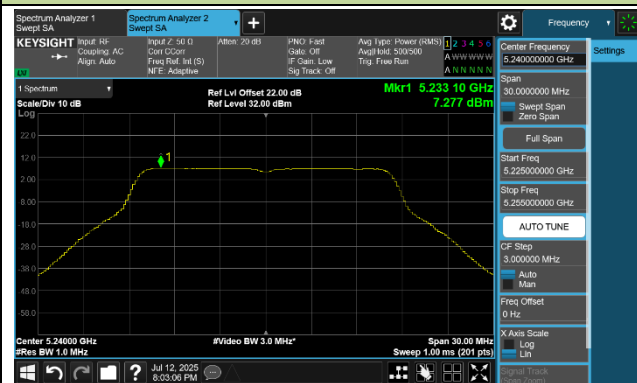
Channel 36 (5180 MHz)



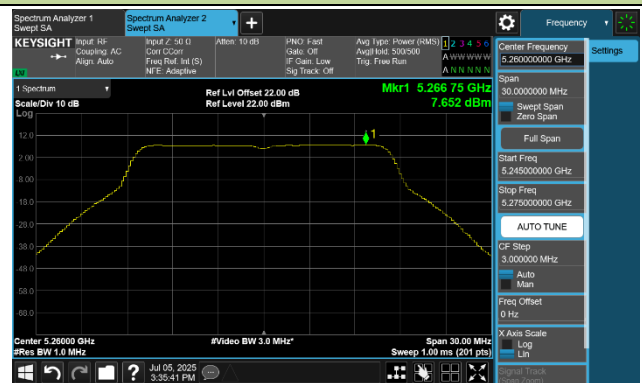
Channel 44 (5220 MHz)



Channel 48 (5240 MHz)



Channel 52 (5260 MHz)



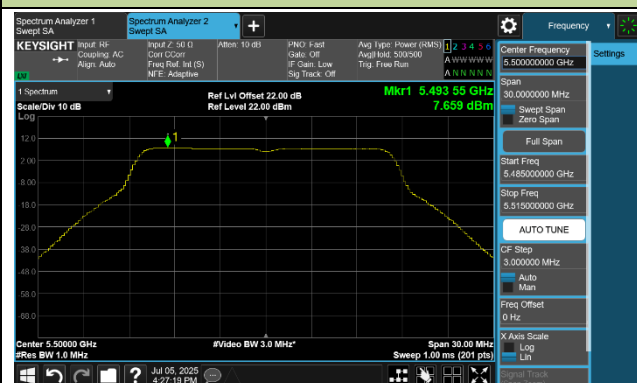
Channel 60 (5300 MHz)



Channel 64 (5320 MHz)



Channel 100 (5500 MHz)

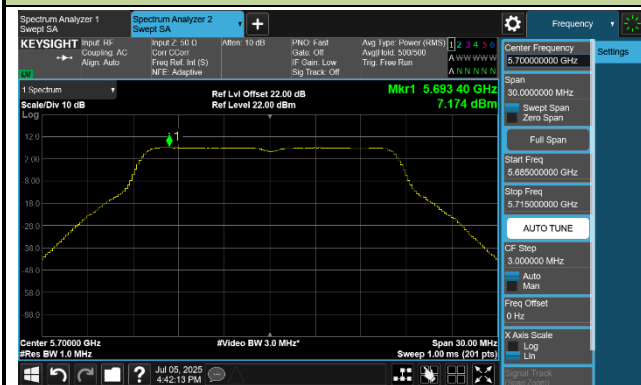


Channel 116 (5580 MHz)

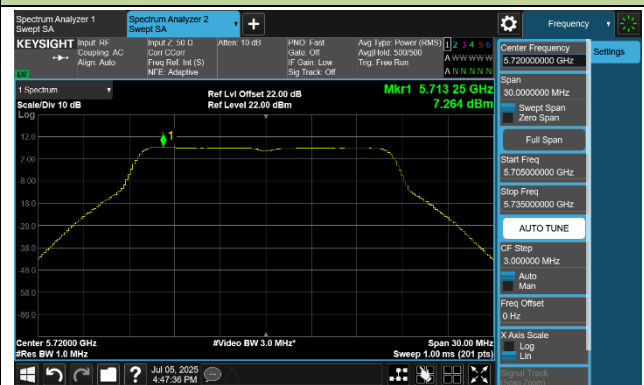


802.11a Power Spectral Density- Ant 0

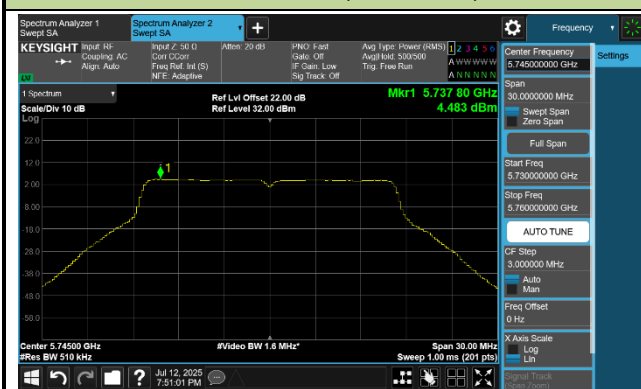
Channel 140 (5700 MHz)



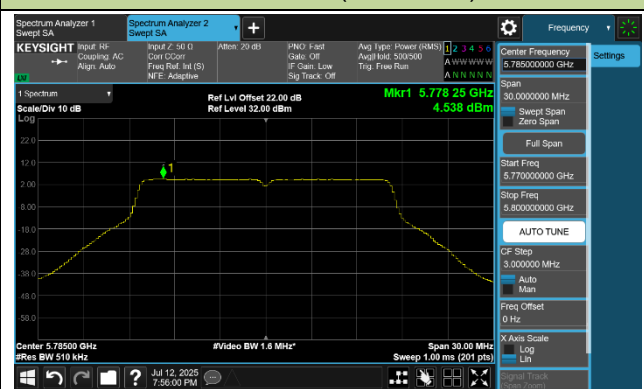
Channel 144 (5720 MHz)



Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

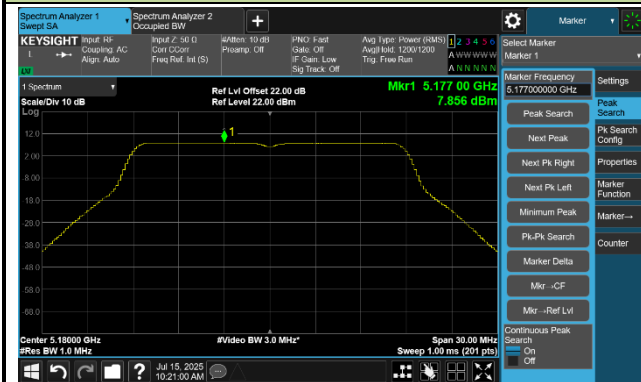


Channel 165 (5825 MHz)

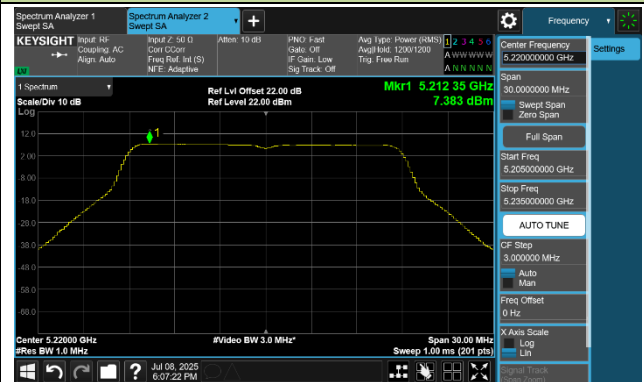


802.11ac-VHT20 Power Spectral Density- Ant 0

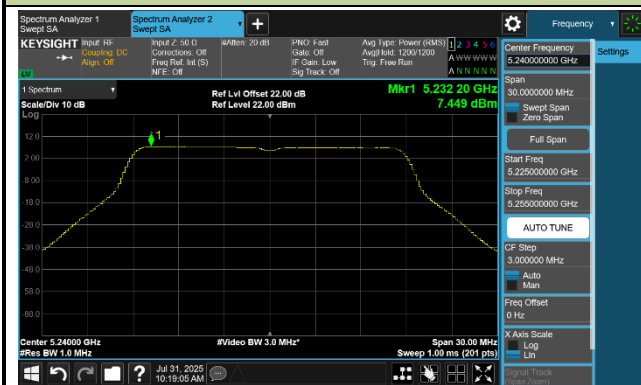
Channel 36 (5180 MHz)



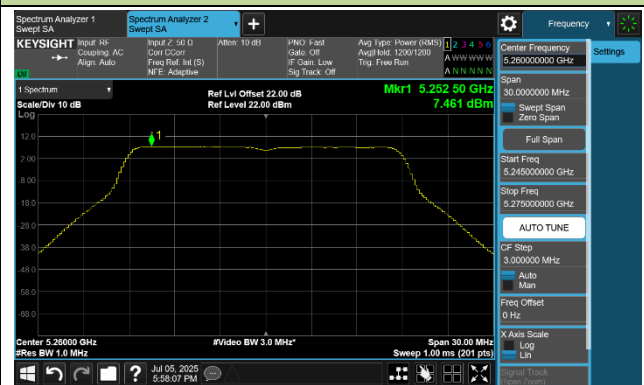
Channel 44 (5220 MHz)



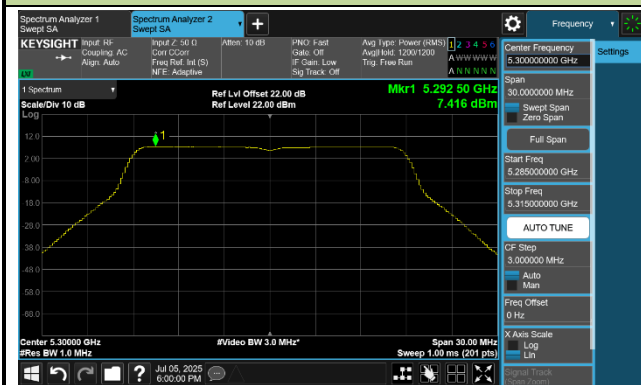
Channel 48 (5240 MHz)



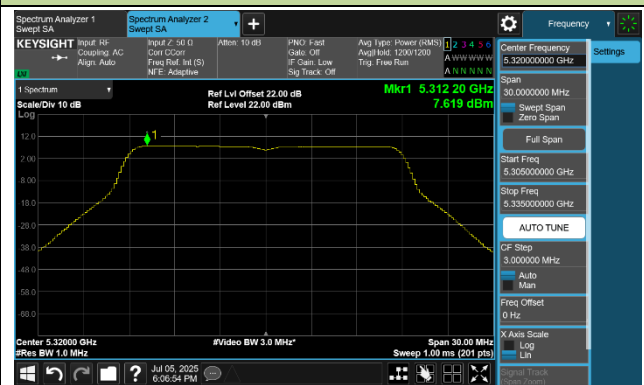
Channel 52 (5260 MHz)



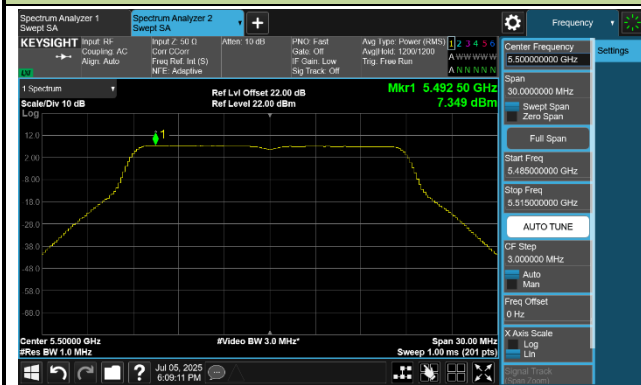
Channel 60 (5300 MHz)



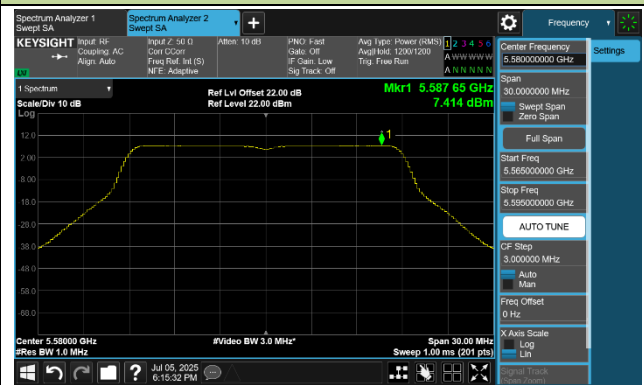
Channel 64 (5320 MHz)



Channel 100 (5500 MHz)

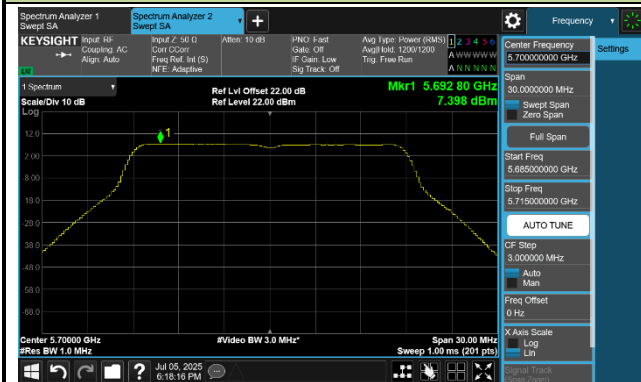


Channel 116 (5580 MHz)

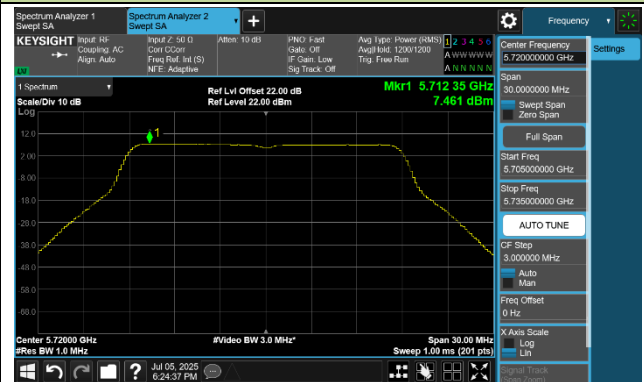


802.11ac-VHT20 Power Spectral Density- Ant 0

Channel 140 (5700 MHz)



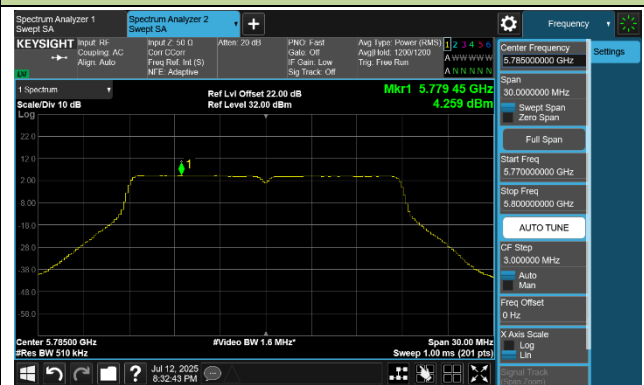
Channel 144 (5720 MHz)



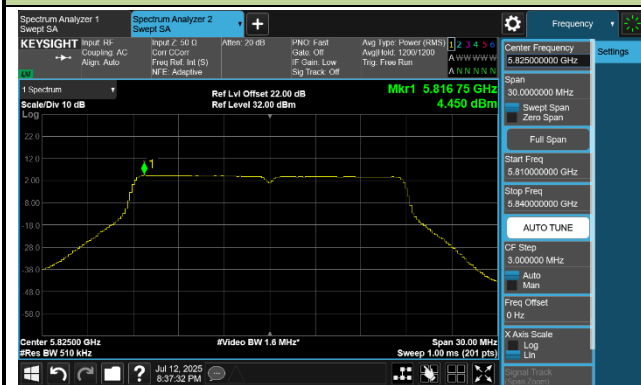
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

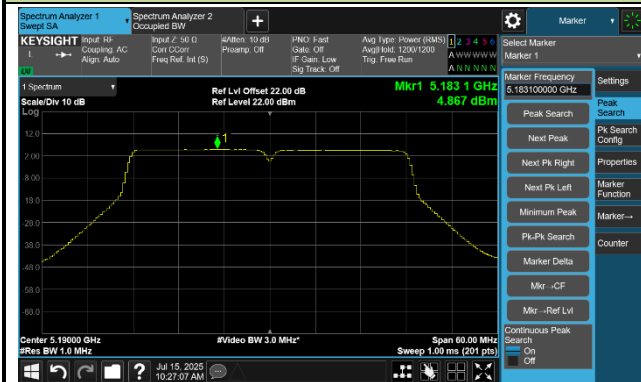


Channel 165 (5825 MHz)

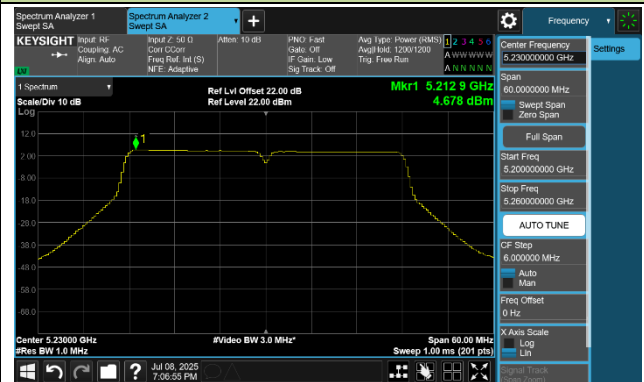


802.11ac-VHT40 Power Spectral Density- Ant 0

Channel 38 (5190 MHz)



Channel 46 (5230 MHz)



Channel 54 (5270 MHz)



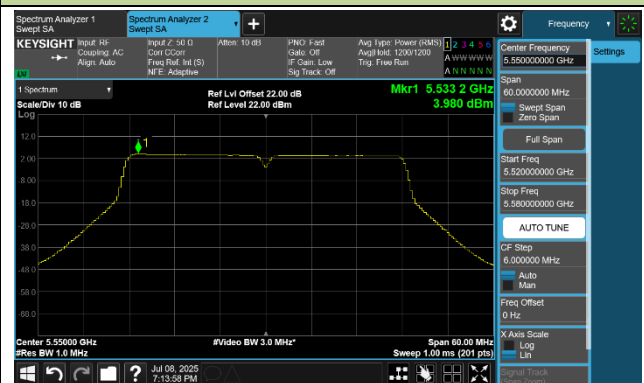
Channel 62 (5310 MHz)



Channel 102 (5510 MHz)



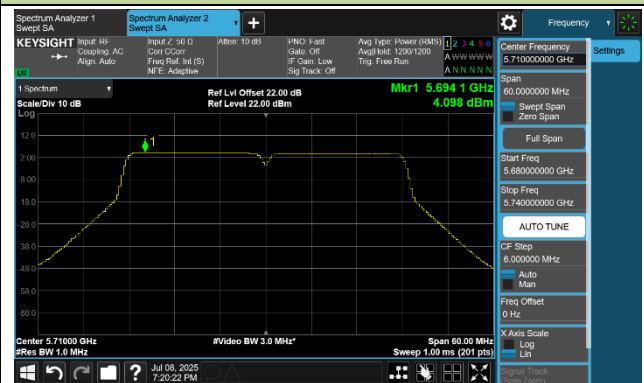
Channel 110 (5550 MHz)

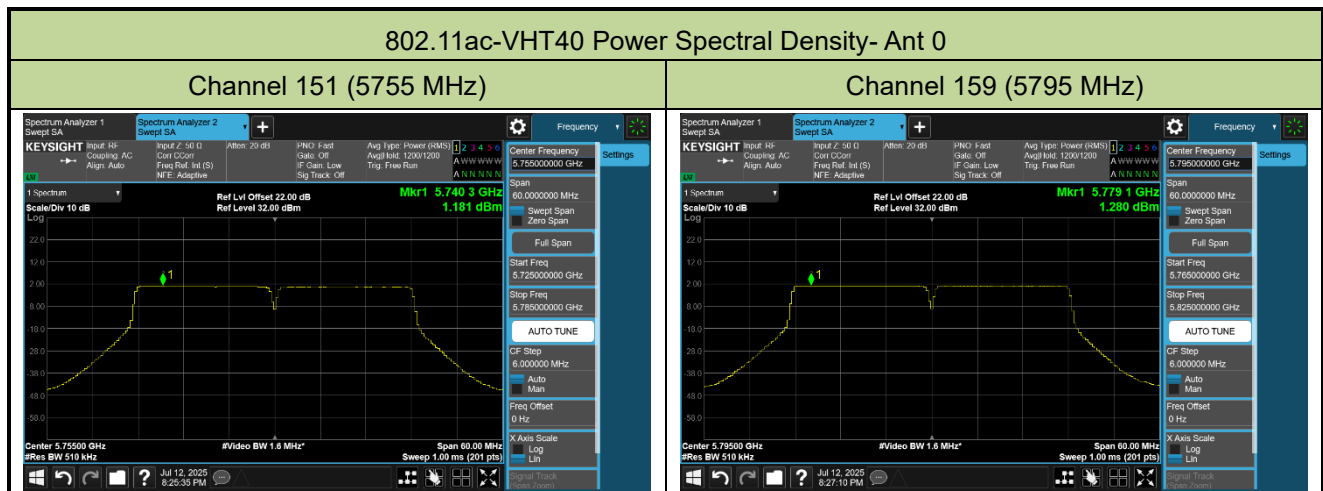


Channel 134 (5670 MHz)



Channel 142(5710 MHz)



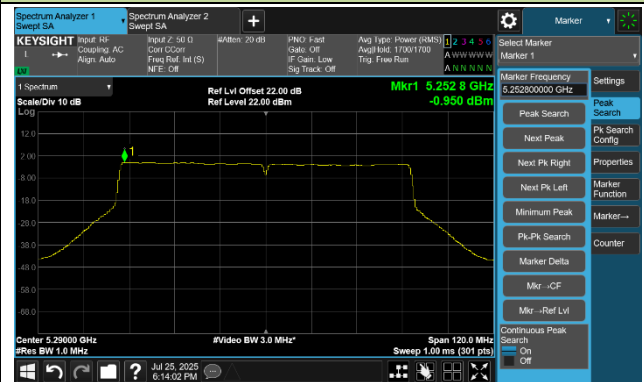


802.11ac-VHT80 Power Spectral Density- Ant 0

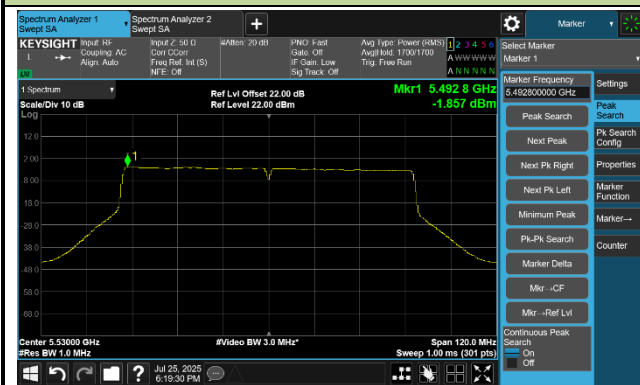
Channel 42 (5210 MHz)



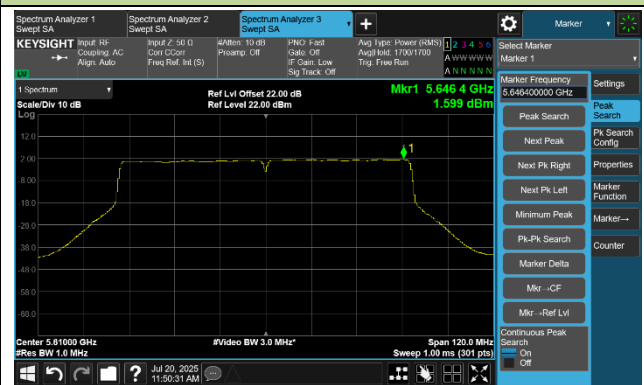
Channel 58 (5290 MHz)



Channel 106 (5530 MHz)



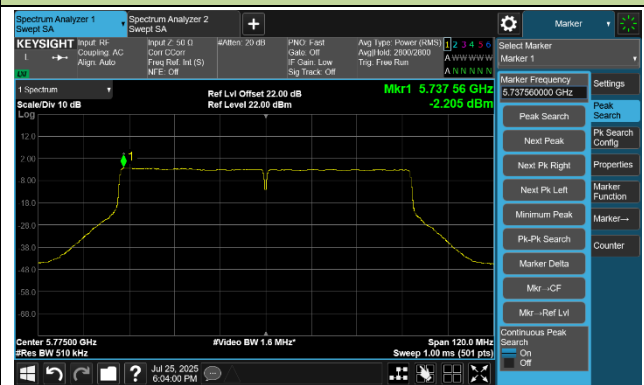
Channel 122 (5610 MHz)

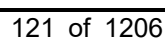


Channel 138 (5690 MHz)



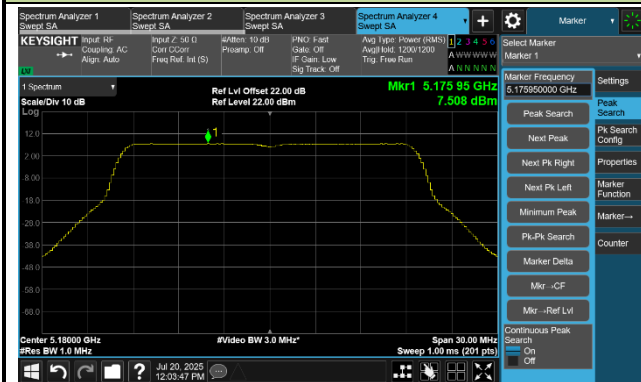
Channel 155 (5775 MHz)



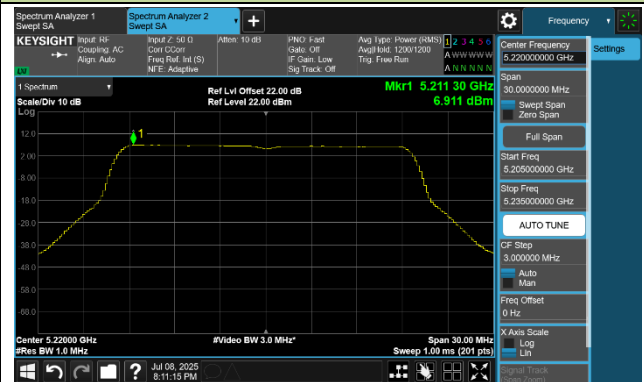


802.11ax-HE20 Power Spectral Density- Ant 0

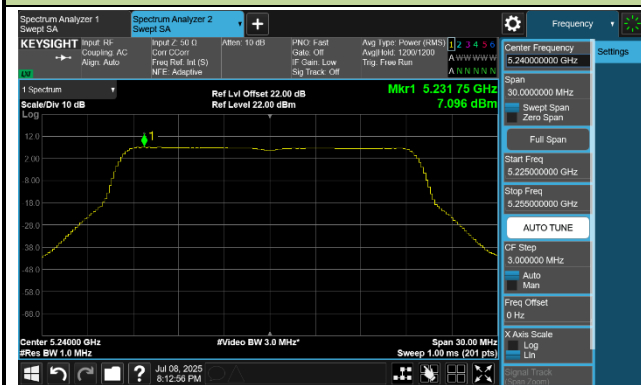
Channel 36 (5180 MHz)



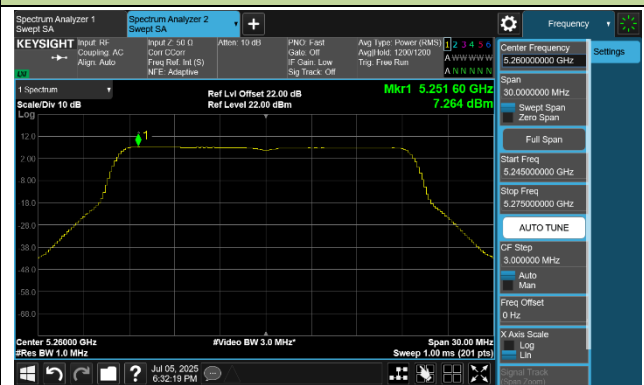
Channel 44 (5220 MHz)



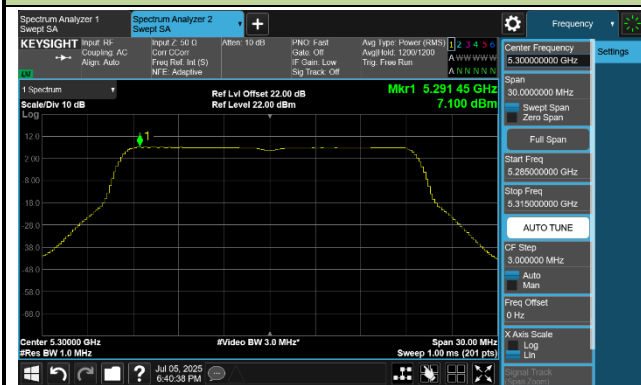
Channel 48 (5240 MHz)



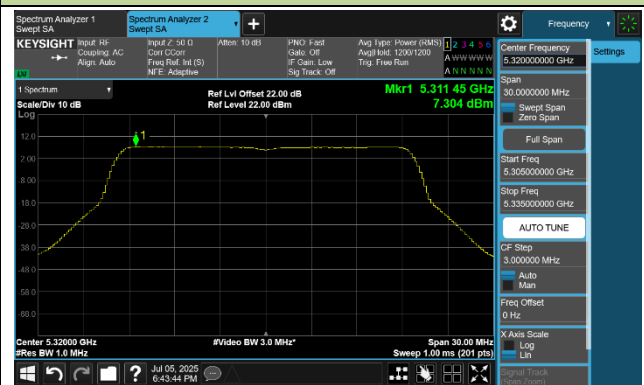
Channel 52 (5260 MHz)



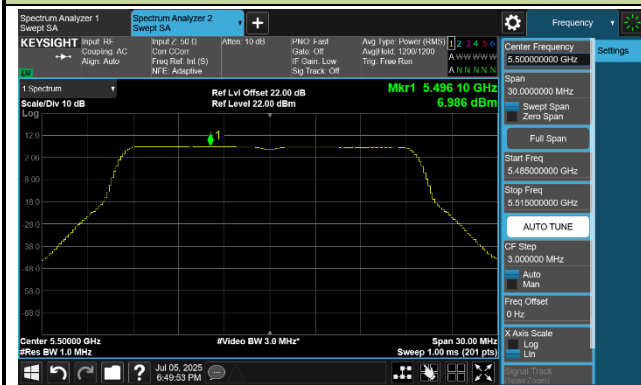
Channel 60 (5300 MHz)



Channel 64 (5320 MHz)



Channel 100 (5500 MHz)



Channel 116 (5580 MHz)

