

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	1.770	2.131	80.51	5.906	≤ 11.99
11be-EHT20	MCS0	44	5220	4.358	5.083	80.51	8.687	≤ 11.99
11be-EHT20	MCS0	48	5240	4.824	5.307	80.51	9.024	≤ 11.99
11be-EHT20	MCS0	52	5260	1.283	1.438	80.51	5.313	≤ 5.99
11be-EHT20	MCS0	60	5300	1.321	1.448	80.51	5.337	≤ 5.99
11be-EHT20	MCS0	64	5320	1.297	1.428	80.51	5.315	≤ 5.99
11be-EHT20	MCS0	100	5500	1.286	1.491	80.51	5.342	≤ 5.99
11be-EHT20	MCS0	116	5580	1.305	1.589	80.51	5.401	≤ 5.99
11be-EHT20	MCS0	140	5700	1.733	1.612	80.51	5.625	≤ 5.99
11be-EHT20	MCS0	144	5720	1.478	1.550	80.51	5.466	≤ 5.99
11be-EHT40	MCS0	38	5190	-2.481	-2.046	67.67	2.448	≤ 11.99
11be-EHT40	MCS0	46	5230	2.500	2.720	67.67	7.318	≤ 11.99
11be-EHT40	MCS0	54	5270	0.048	0.739	67.67	5.114	≤ 5.99
11be-EHT40	MCS0	62	5310	-5.356	-5.358	67.67	-0.651	≤ 5.99
11be-EHT40	MCS0	102	5510	-1.428	-0.964	67.67	3.517	≤ 5.99
11be-EHT40	MCS0	110	5550	0.383	0.430	67.67	5.113	≤ 5.99
11be-EHT40	MCS0	134	5670	0.841	0.419	67.67	5.341	≤ 5.99
11be-EHT40	MCS0	142	5710	1.153	0.959	67.67	5.763	≤ 5.99
11be-EHT80	MCS0	42	5210	-6.304	-5.275	57.53	-0.348	≤ 11.99
11be-EHT80	MCS0	58	5290	-8.930	-8.650	57.53	-3.376	≤ 5.99
11be-EHT80	MCS0	106	5530	-6.185	-5.487	57.53	-0.411	≤ 5.99
11be-EHT80	MCS0	122	5610	-1.786	-1.467	57.53	3.788	≤ 5.99
11be-EHT80	MCS0	138	5690	-2.401	-2.301	57.53	3.061	≤ 5.99
11be-EHT160	MCS0	50	5250	-13.856	-12.712	46.93	-6.951	≤ 5.99
11be-EHT160	MCS0	114	5570	-11.402	-10.519	46.93	-4.642	≤ 5.99

Note 1:

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

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

Note 2:

For 5125 - 5250 MHz Band: PSD Limit (dBm/MHz) = 17 - (11.01 - 6) = 11.99 dBm/MHz

For 5250 - 5350 & 5470 - 5725 MHz Band: PSD Limit (dBm/MHz) = 11 - (11.01 - 6) = 5.99 dBm/MHz.

Test Site	WZ-SR5	Test Engineer	Molly Wu
Test Date	2026-01-13 ~ 2026-01-15		
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	5.491	6.030	99.24	8.779	≤ 24.99
11a	6 Mbps	157	5785	5.657	6.051	99.24	8.869	≤ 24.99
11a	6 Mbps	165	5825	4.655	4.868	99.24	7.773	≤ 24.99
11ac-VHT20	MCS0	149	5745	4.132	4.027	84.74	7.809	≤ 24.99
11ac-VHT20	MCS0	157	5785	4.607	5.117	84.74	8.599	≤ 24.99
11ac-VHT20	MCS0	165	5825	2.989	3.139	84.74	6.794	≤ 24.99
11ac-VHT40	MCS0	151	5755	0.448	0.771	89.56	4.102	≤ 24.99
11ac-VHT40	MCS0	159	5795	0.667	0.838	89.56	4.243	≤ 24.99
11ac-VHT80	MCS0	155	5775	-2.262	-1.503	53.57	3.855	≤ 24.99
11ax-HE20	MCS0	149	5745	3.357	3.854	81.44	7.515	≤ 24.99
11ax-HE20	MCS0	157	5785	4.253	4.558	81.44	8.310	≤ 24.99
11ax-HE20	MCS0	165	5825	3.446	3.743	81.44	7.499	≤ 24.99
11ax-HE40	MCS0	151	5755	0.601	0.444	68.82	5.156	≤ 24.99
11ax-HE40	MCS0	159	5795	1.293	1.575	68.82	6.069	≤ 24.99
11ax-HE80	MCS0	155	5775	-2.422	-2.001	56.50	3.283	≤ 24.99
11be-EHT20	MCS0	149	5745	3.101	3.732	80.51	7.380	≤ 24.99
11be-EHT20	MCS0	157	5785	3.644	4.041	80.51	7.799	≤ 24.99
11be-EHT20	MCS0	165	5825	2.874	2.774	80.51	6.776	≤ 24.99
11be-EHT40	MCS0	151	5755	0.457	0.832	67.67	5.355	≤ 24.99
11be-EHT40	MCS0	159	5795	0.507	0.882	67.67	5.405	≤ 24.99
11be-EHT80	MCS0	155	5775	-2.619	-1.869	57.53	3.184	≤ 24.99

Note 1:

Duty Cycle < 98%, Total PSD (dBm/510 kHz) = $10 \times \log \{10^{(\text{Ant 0 AVPSD}/10)} + 10^{(\text{Ant 1 AVPSD}/10)}\} + 10 \times \log (1/\text{Duty cycle})$;

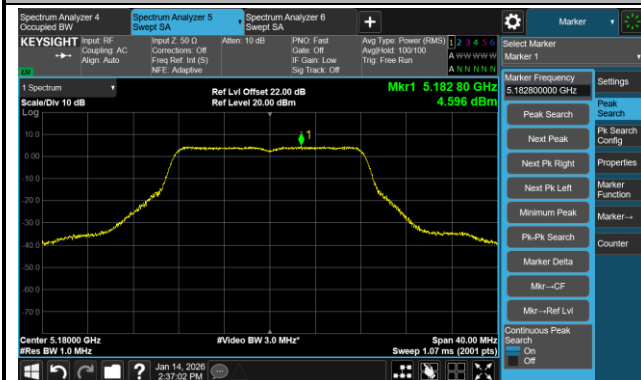
Duty Cycle ≥ 98%, Total PSD (dBm/510 kHz) = $10 \times \log \{10^{(\text{Ant 0 AVPSD}/10)} + 10^{(\text{Ant 1 AVPSD}/10)}\}$.

Note 2:

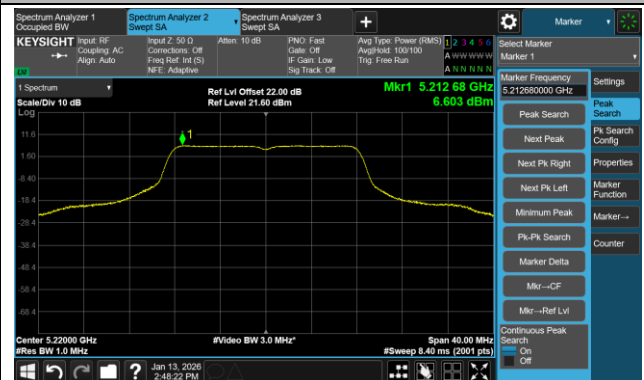
PSD Limit (dBm/500 kHz) = 30 - (11.01 - 6) = 24.99 dBm/500 kHz.

802.11a Power Spectral Density - Ant 0

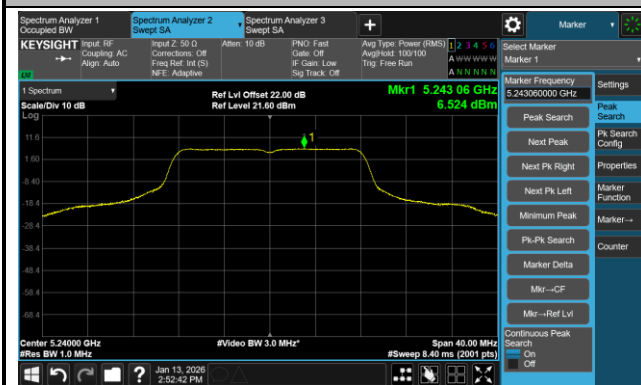
Channel 36 (5180 MHz)



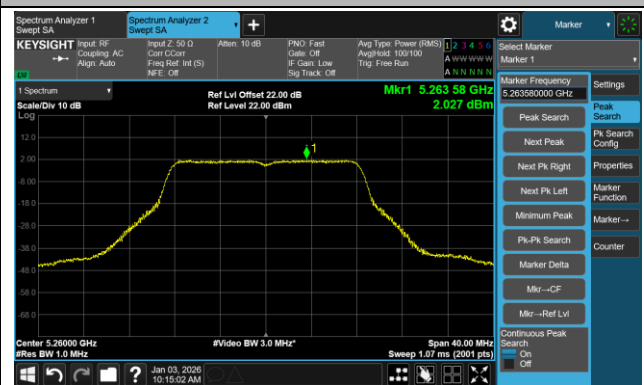
Channel 44 (5220 MHz)



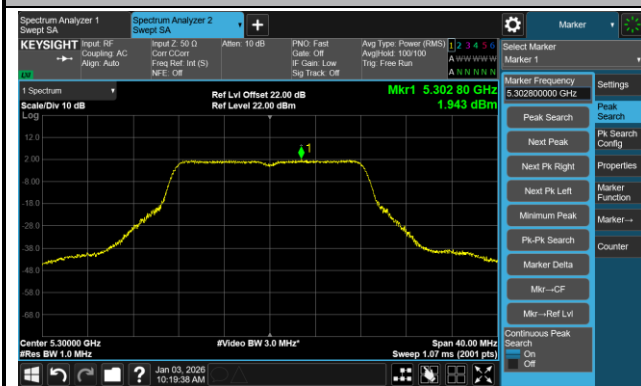
Channel 48 (5240 MHz)



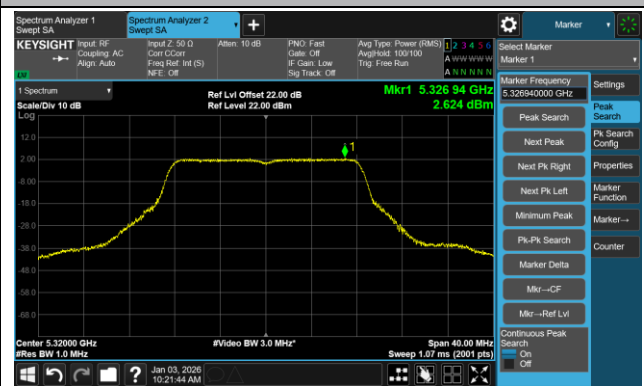
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

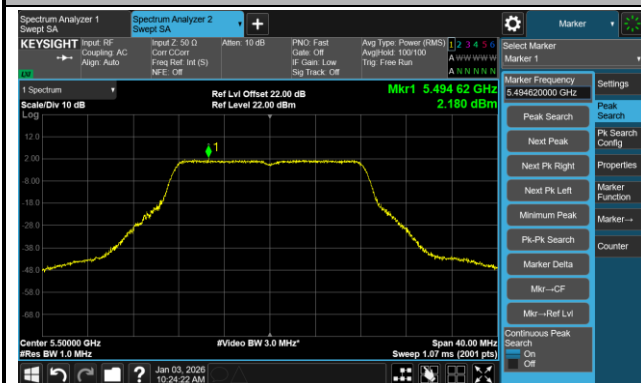


Channel 64 (5320 MHz)

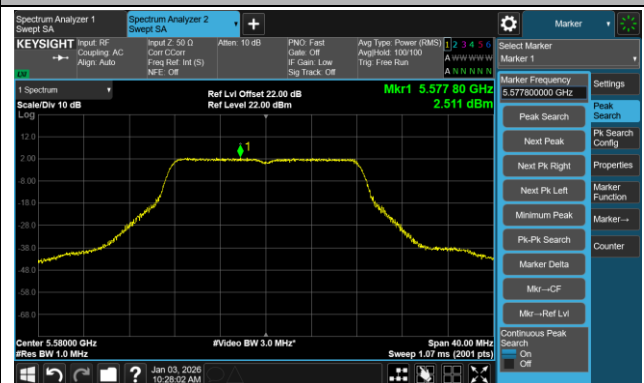


802.11a Power Spectral Density - Ant 0

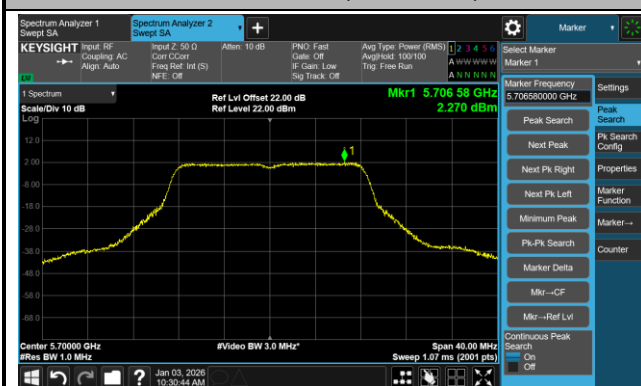
Channel 100 (5500 MHz)



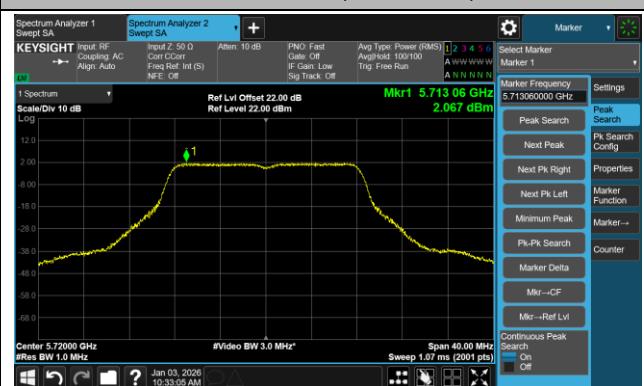
Channel 116 (5580 MHz)



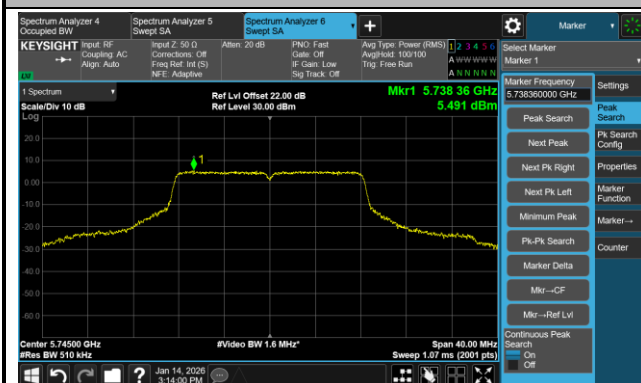
Channel 140 (5700 MHz)



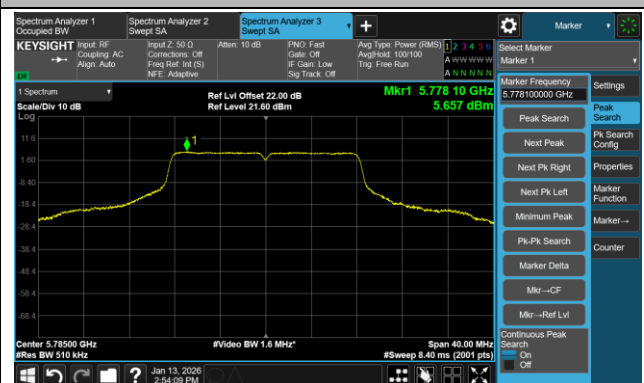
Channel 144 (5720 MHz)



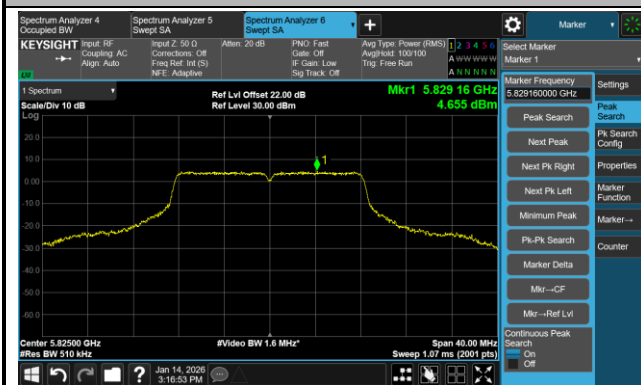
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

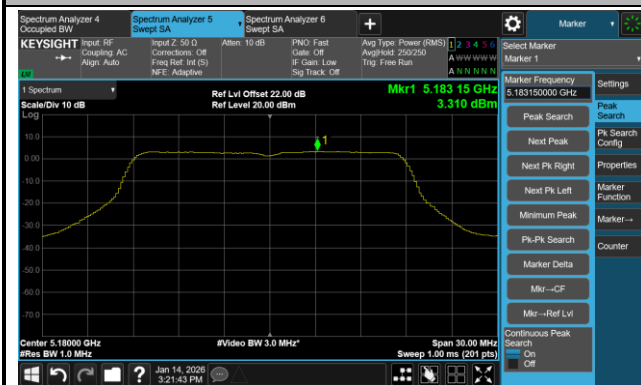


Channel 165 (5825 MHz)

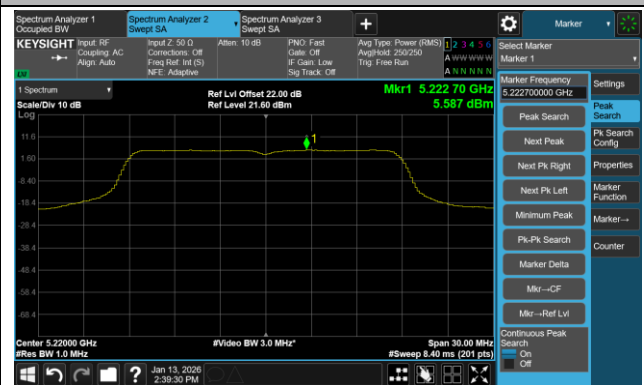


802.11ac-VHT20 Power Spectral Density - Ant 0

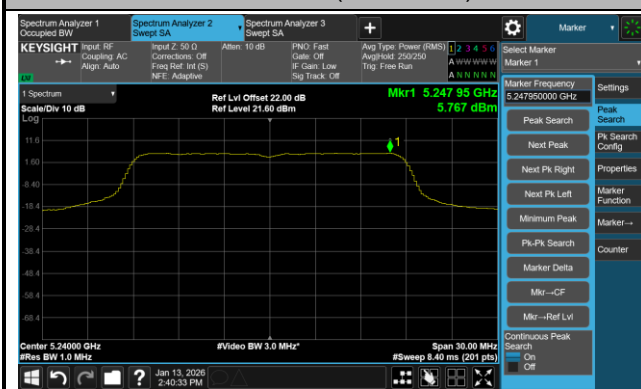
Channel 36 (5180 MHz)



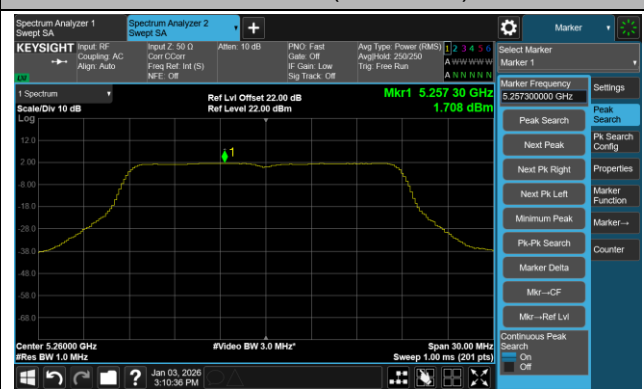
Channel 44 (5220 MHz)



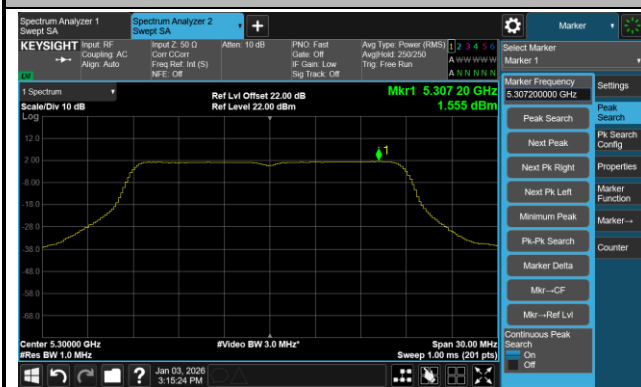
Channel 48 (5240 MHz)



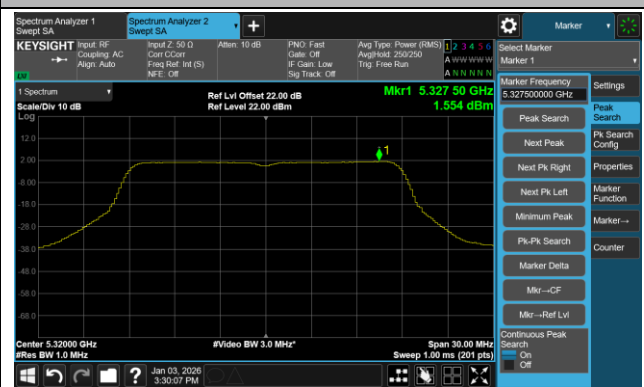
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

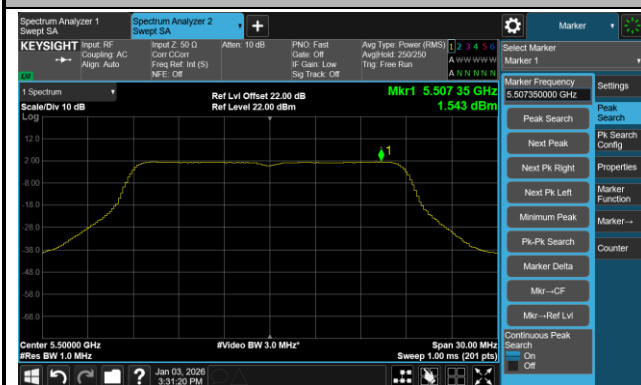


Channel 64 (5320 MHz)



802.11ac-VHT20 Power Spectral Density - Ant 0

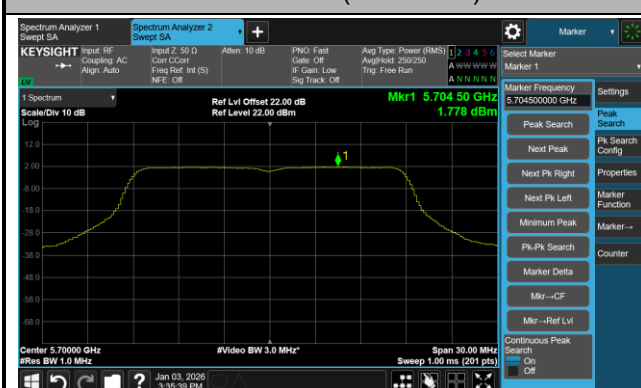
Channel 100 (5500 MHz)



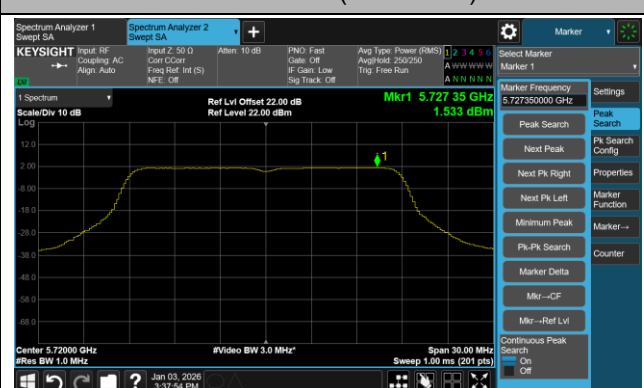
Channel 116 (5580 MHz)



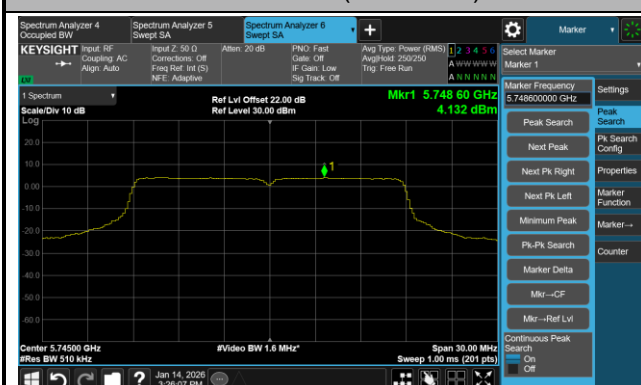
Channel 140 (5700 MHz)



Channel 144 (5720 MHz)



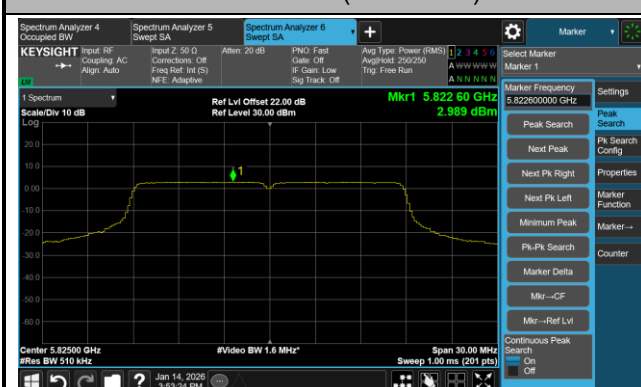
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

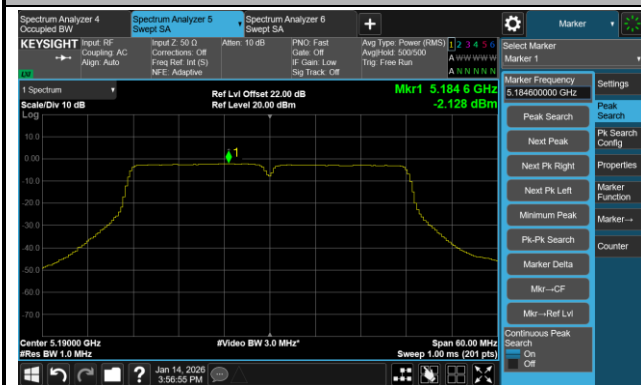


Channel 165 (5825 MHz)

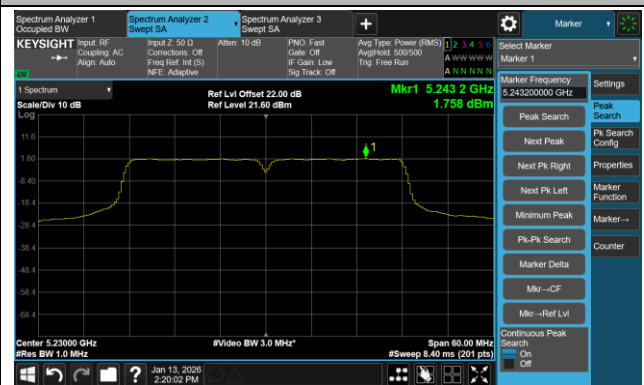


802.11ac-VHT40 Power Spectral Density - Ant 0

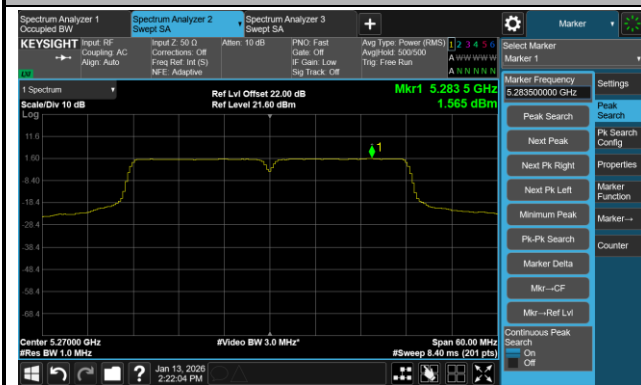
Channel 38 (5190 MHz)



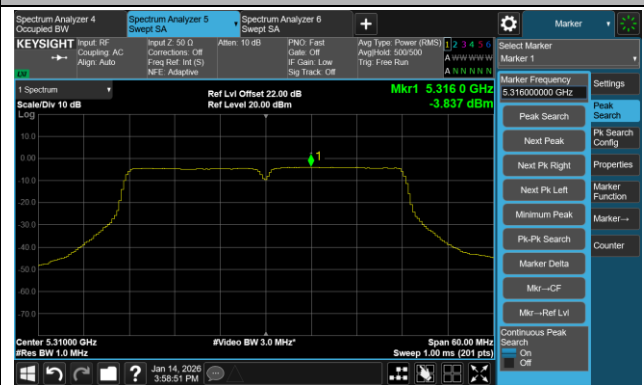
Channel 46 (5230 MHz)



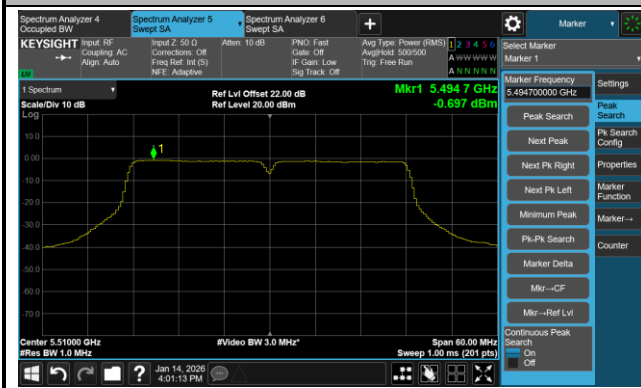
Channel 54 (5270 MHz)



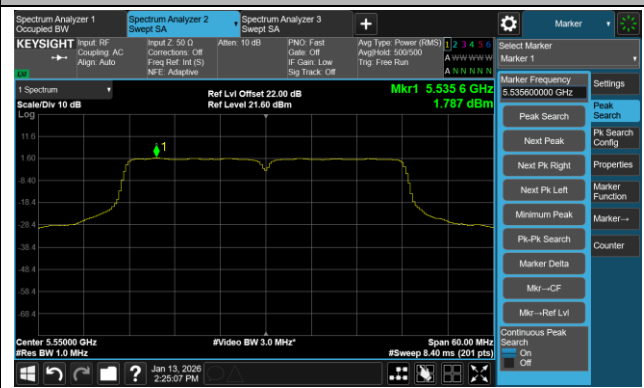
Channel 62 (5310 MHz)



Channel 102 (5510 MHz)

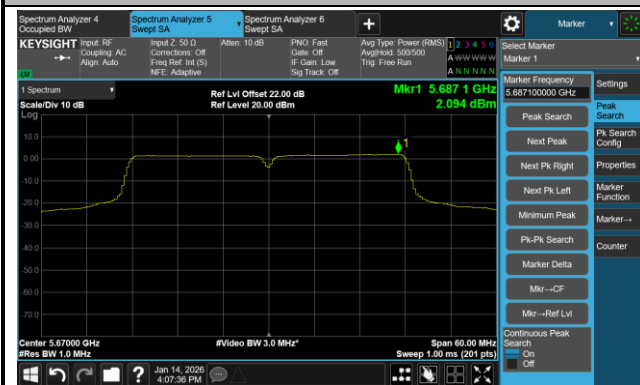


Channel 110 (5550 MHz)

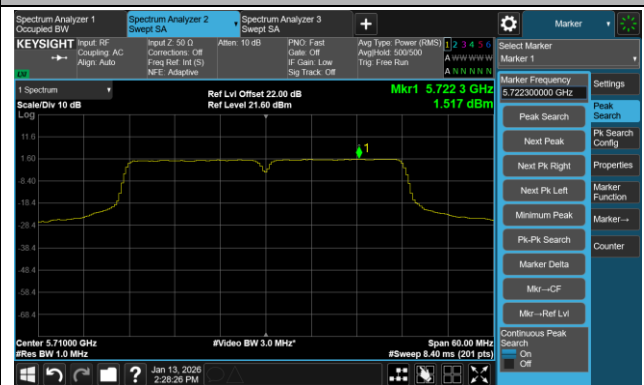


802.11ac-VHT40 Power Spectral Density - Ant 0

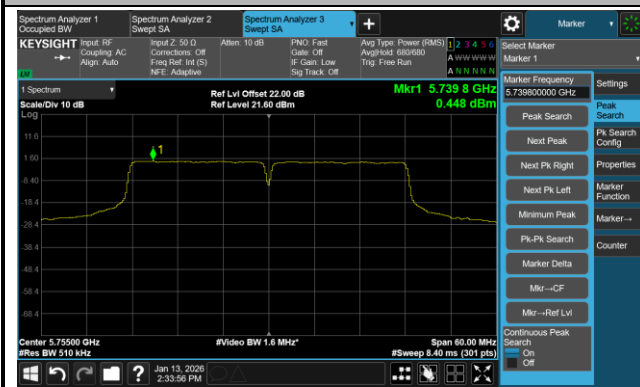
Channel 134 (5670 MHz)



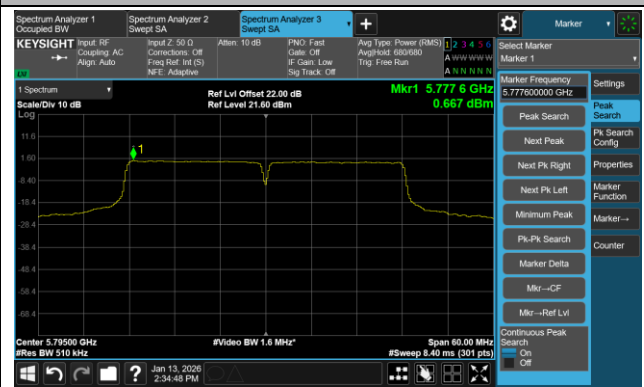
Channel 142 (5710 MHz)



Channel 151 (5755 MHz)

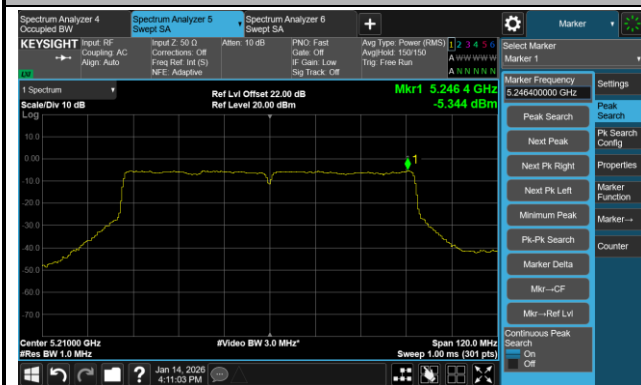


Channel 159 (5795 MHz)

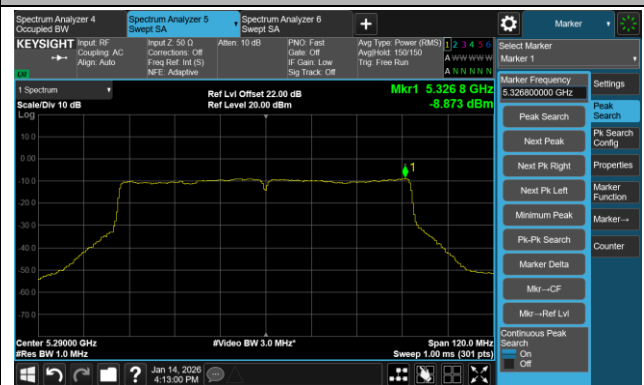


802.11ac-VHT80 Power Spectral Density - Ant 0

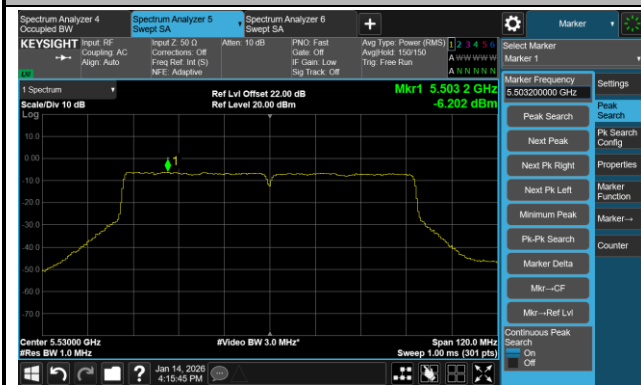
Channel 42 (5210 MHz)



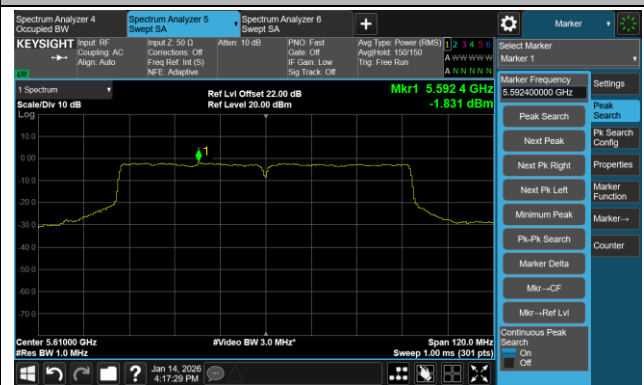
Channel 58 (5290 MHz)



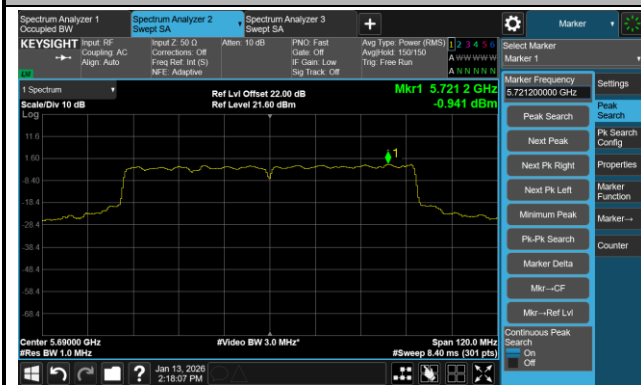
Channel 106 (5530 MHz)



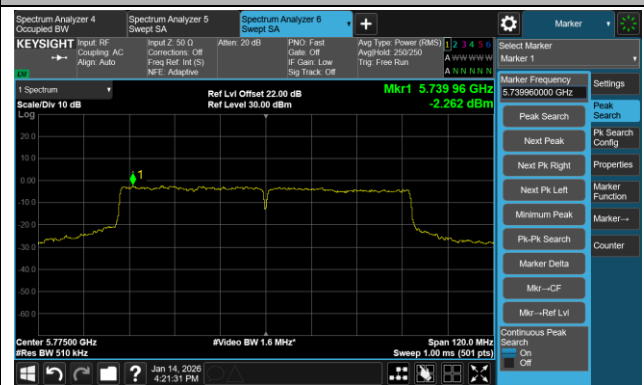
Channel 122 (5610 MHz)



Channel 138 (5690 MHz)



Channel 155 (5775 MHz)

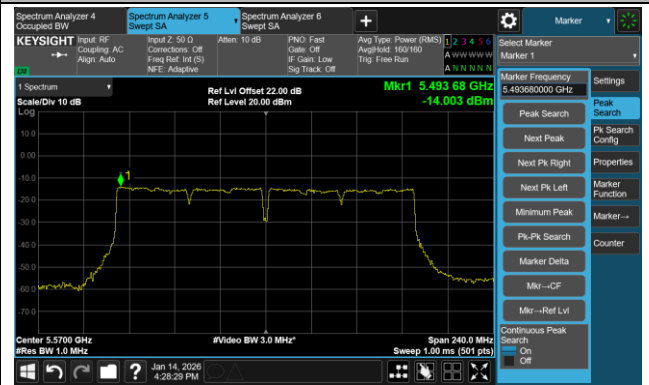


802.11ac-VHT160 Power Spectral Density - Ant 0

Channel 50 (5250 MHz)

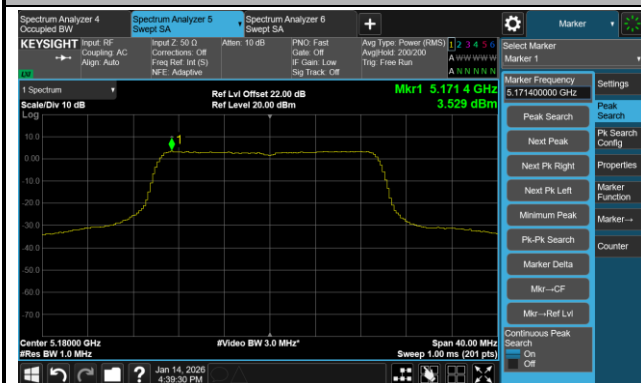


Channel 114 (5570 MHz)

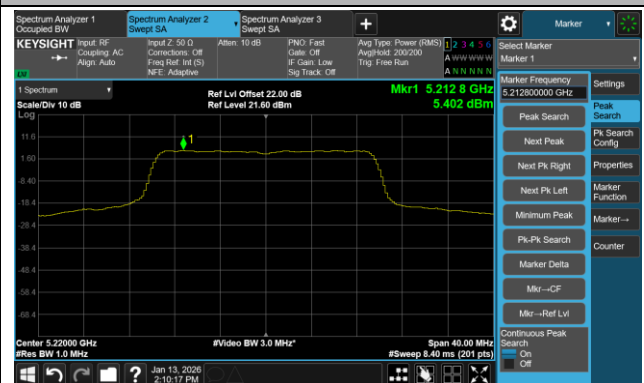


802.11ax-HE20 Power Spectral Density - Ant 0

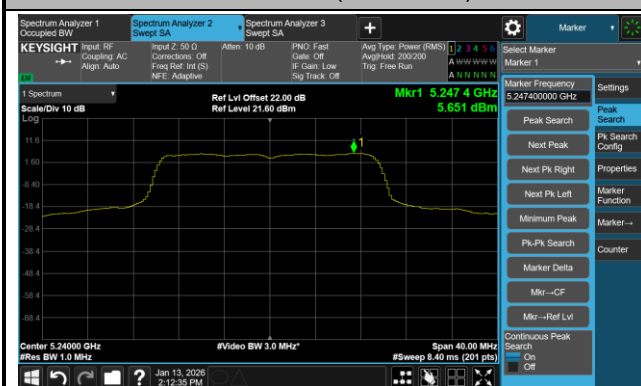
Channel 36 (5180 MHz)



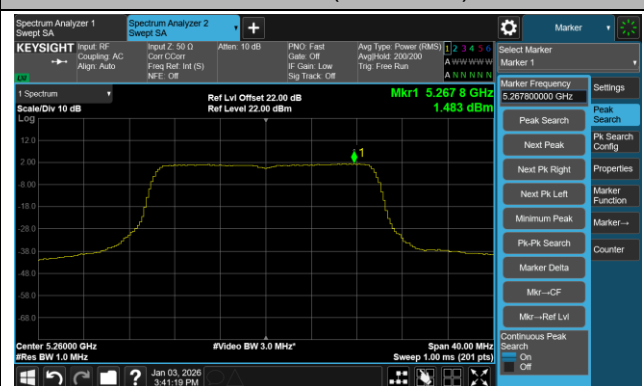
Channel 44 (5220 MHz)



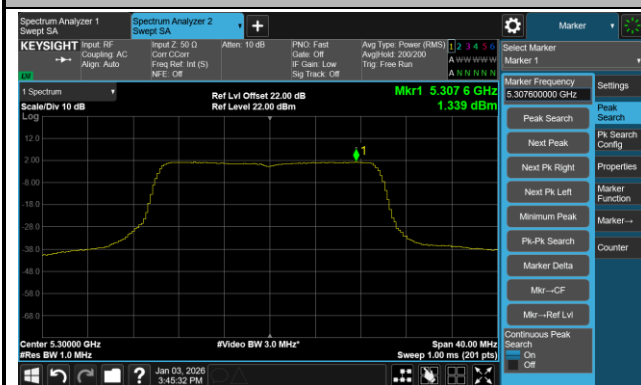
Channel 48 (5240 MHz)



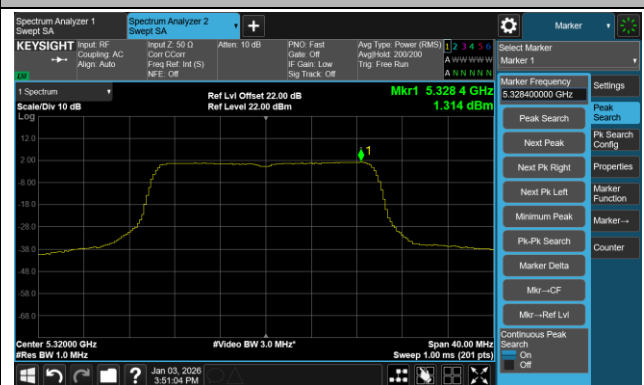
Channel 52 (5260 MHz)



Channel 60 (5300 MHz)

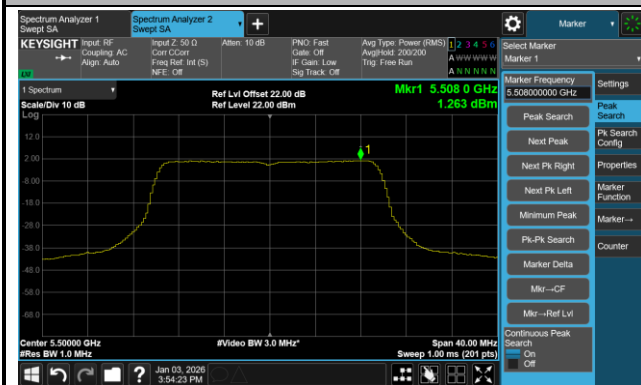


Channel 64 (5320 MHz)

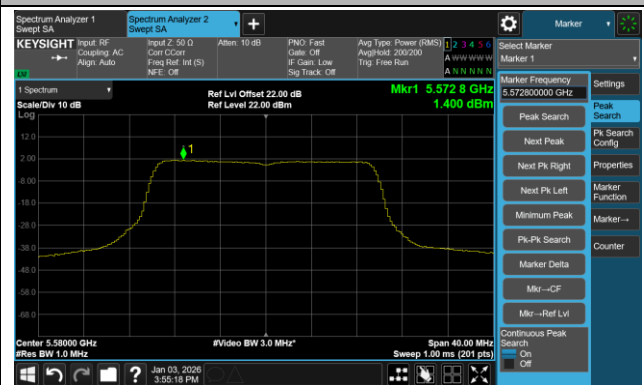


802.11ax-HE20 Power Spectral Density - Ant 0

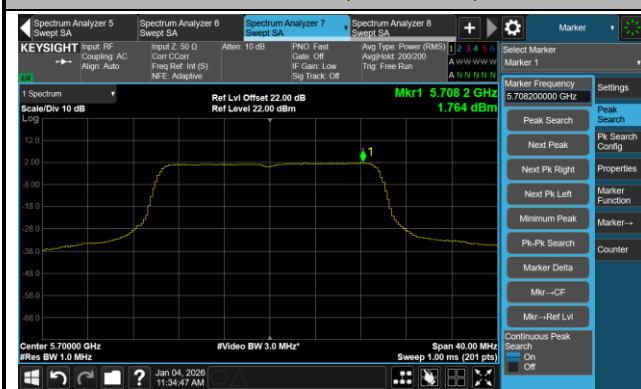
Channel 100 (5500 MHz)



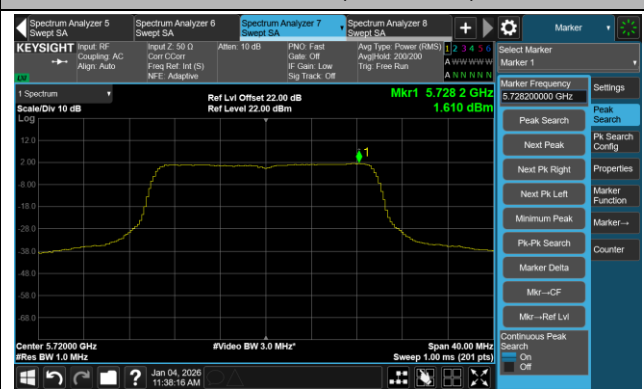
Channel 116 (5580 MHz)



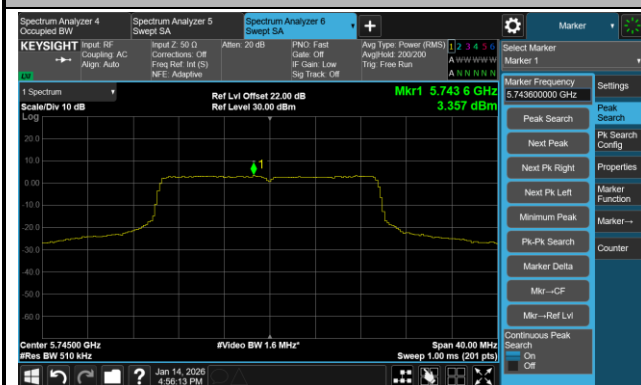
Channel 140 (5700 MHz)



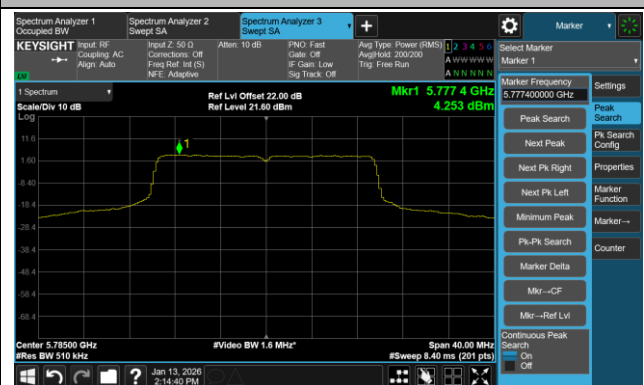
Channel 144 (5720 MHz)



Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

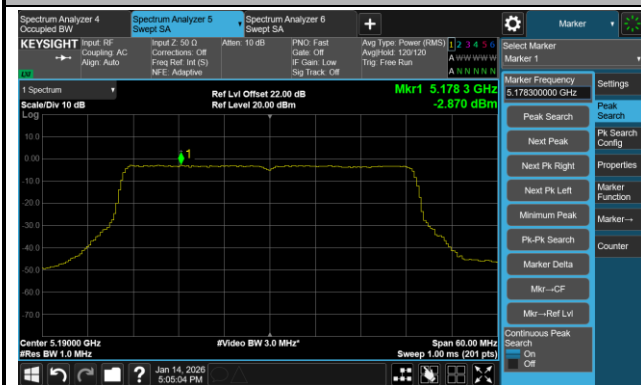


Channel 165 (5825 MHz)

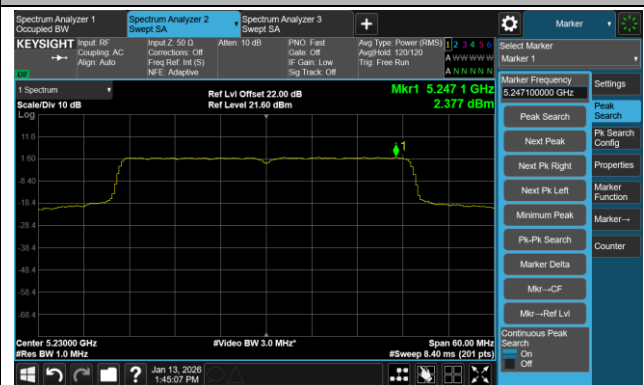


802.11ax-HE40 Power Spectral Density - Ant 0

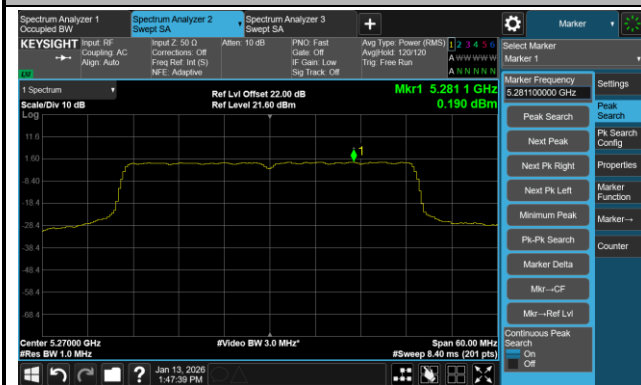
Channel 38 (5190 MHz)



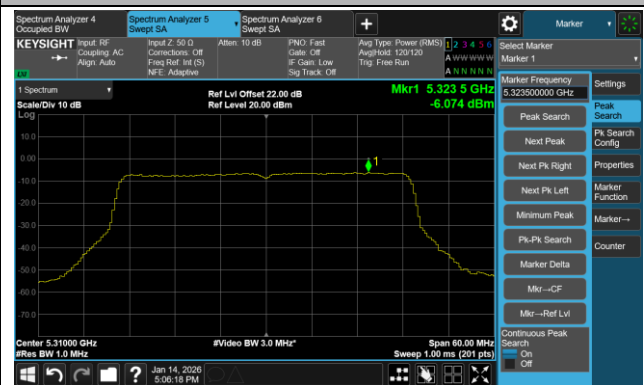
Channel 46 (5230 MHz)



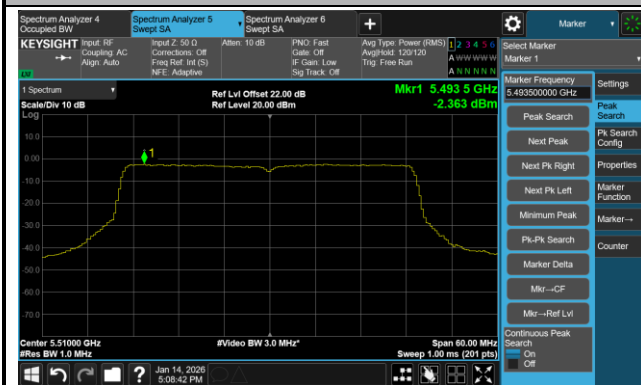
Channel 54 (5270 MHz)



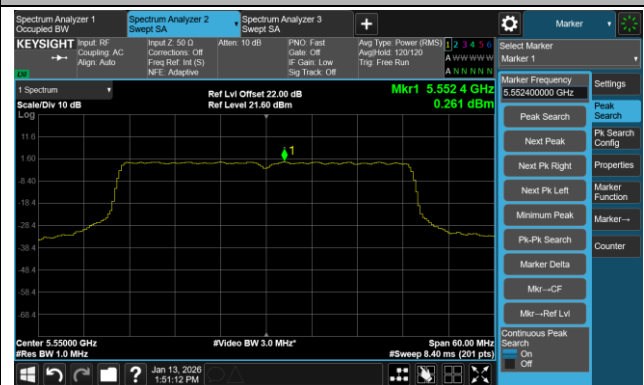
Channel 62 (5310 MHz)



Channel 102 (5510 MHz)

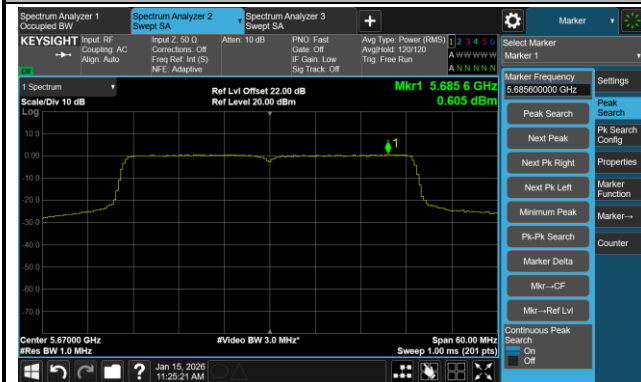


Channel 110 (5550 MHz)

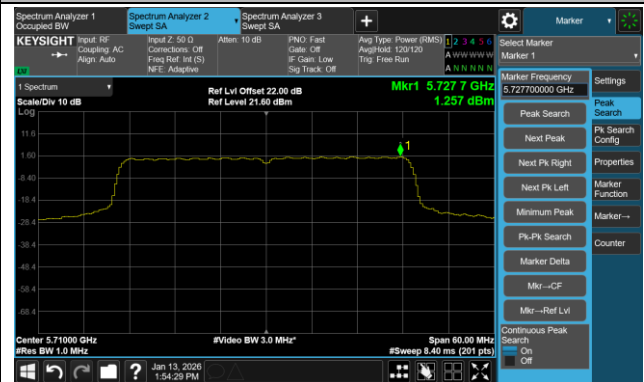


802.11ax-HE40 Power Spectral Density - Ant 0

Channel 134 (5670 MHz)



Channel 142 (5710 MHz)



Channel 151 (5755 MHz)

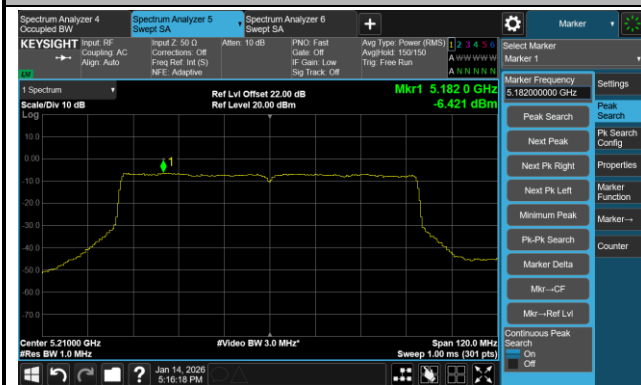


Channel 159 (5795 MHz)

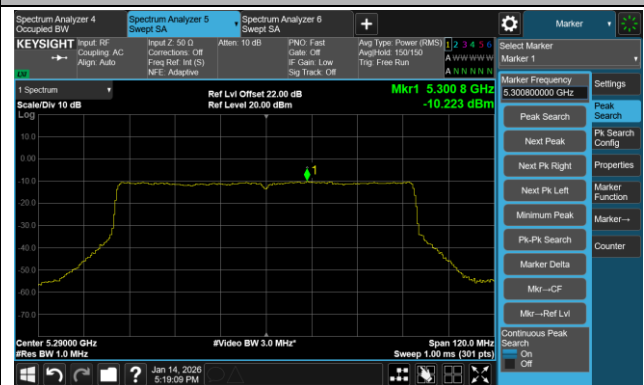


802.11ax-HE80 Power Spectral Density - Ant 0

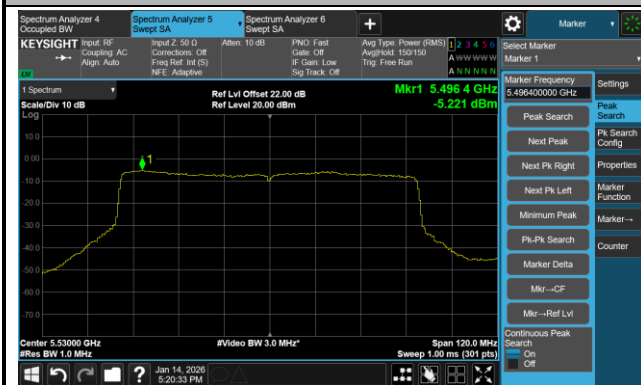
Channel 42 (5210 MHz)



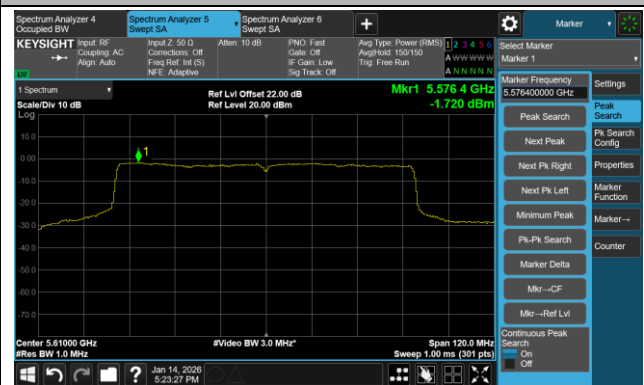
Channel 58 (5290 MHz)



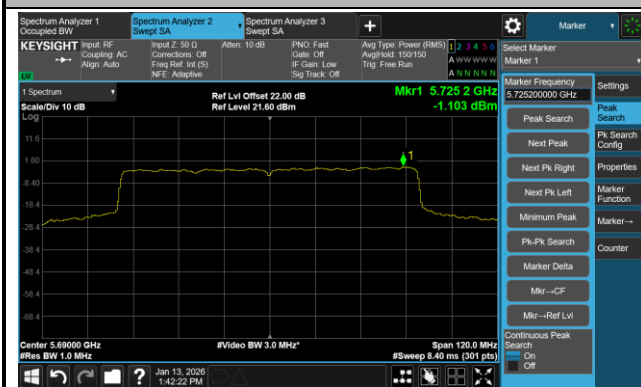
Channel 106 (5530 MHz)



Channel 122 (5610 MHz)



Channel 138 (5690 MHz)

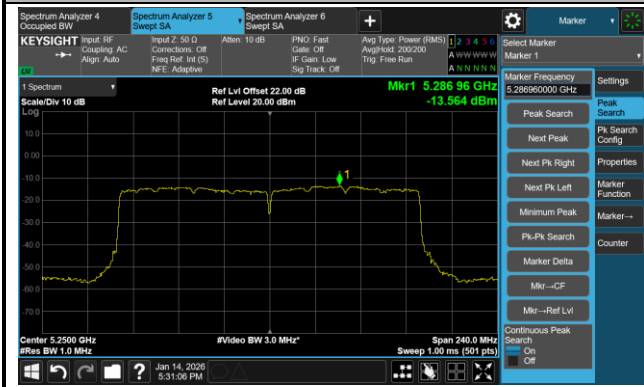


Channel 155 (5775 MHz)



802.11ax-HE160 Power Spectral Density - Ant 0

Channel 50 (5250 MHz)



Channel 114 (5570 MHz)

