

802.11be-EHT160 Power Spectral Density- Ant 0

Channel 15 (6025 MHz)



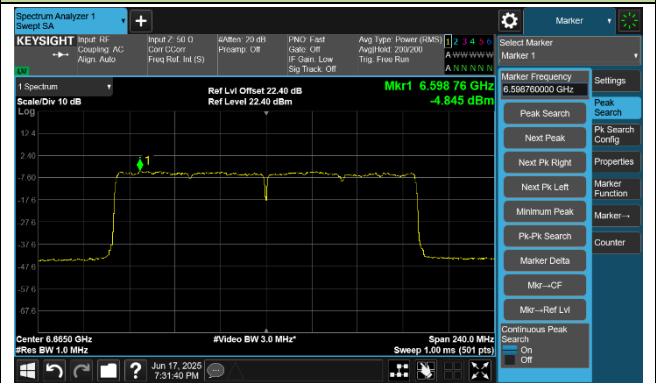
Channel 47 (6185 MHz)



Channel 79 (6345 MHz)

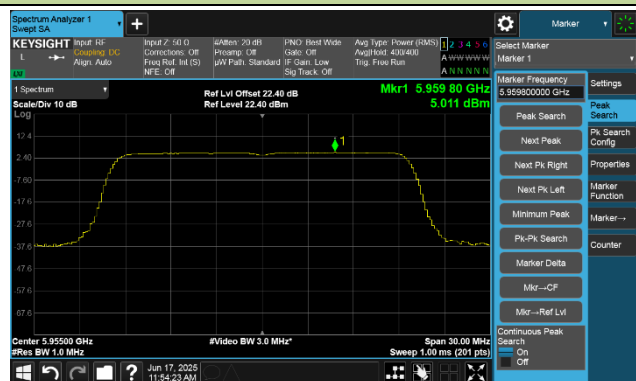


Channel 143 (6665 MHz)



802.11be-EHT20 Power Spectral Density- Ant 1

Channel 1 (5955 MHz)



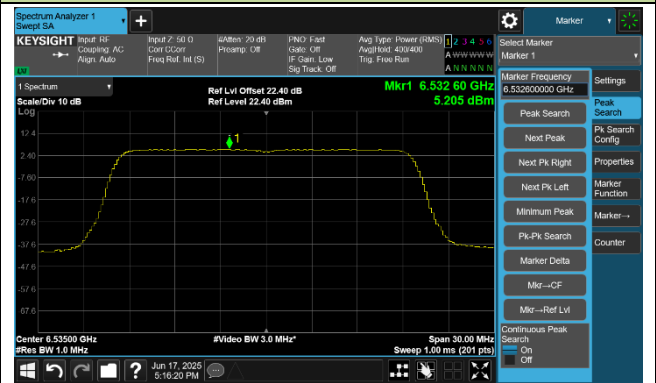
Channel 49 (6195 MHz)



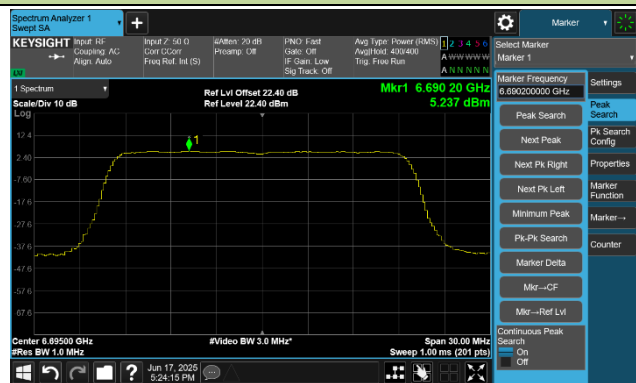
Channel 93 (6415 MHz)



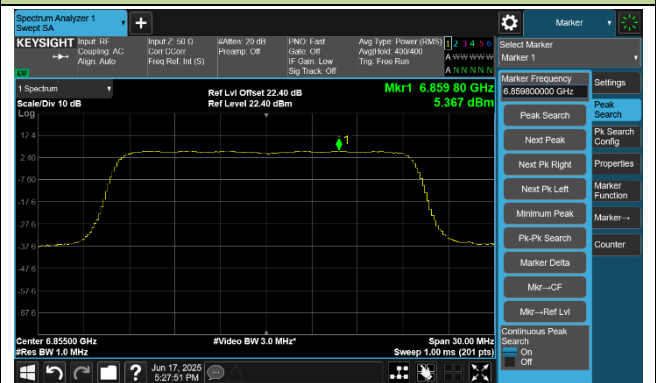
Channel 117 (6535 MHz)



Channel 149 (6695 MHz)



Channel 181 (6855 MHz)



802.11be-EHT40 Power Spectral Density- Ant 1

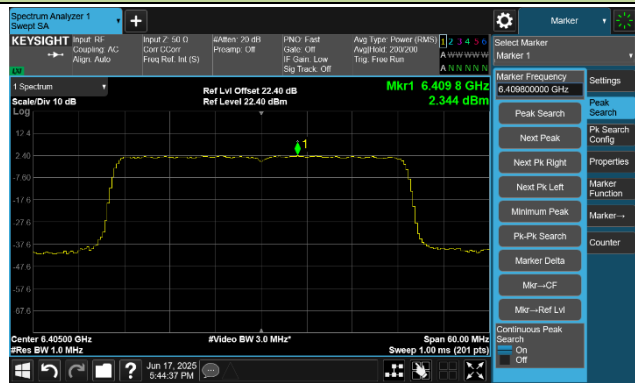
Channel 3 (5965 MHz)



Channel 51 (6205 MHz)



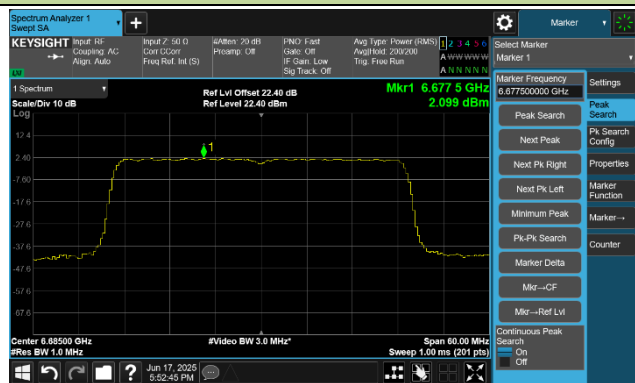
Channel 91 (6405 MHz)



Channel 123 (6565 MHz)



Channel 147 (6685 MHz)



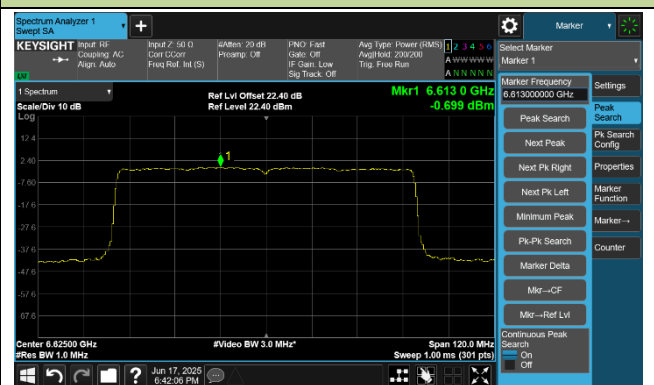
Channel 179 (6845 MHz)



Channel 55 (6225 MHz)



Channel 135 (6625 MHz)



Channel 167 (6785 MHz)



802.11be-EHT160 Power Spectral Density- Ant 1

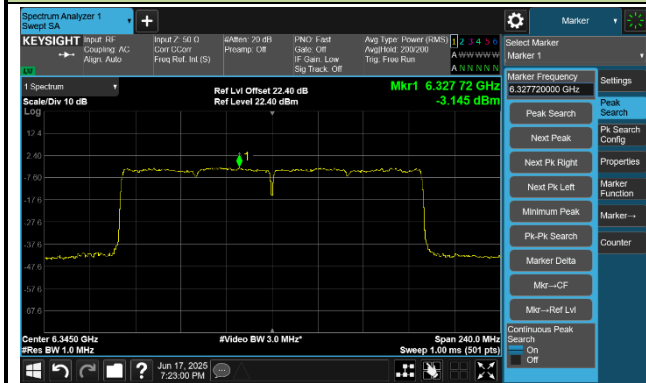
Channel 15 (6025 MHz)



Channel 47 (6185 MHz)



Channel 79 (6345 MHz)



Channel 143 (6665 MHz)



802.11be-EHT20 Power Spectral Density- Ant 2

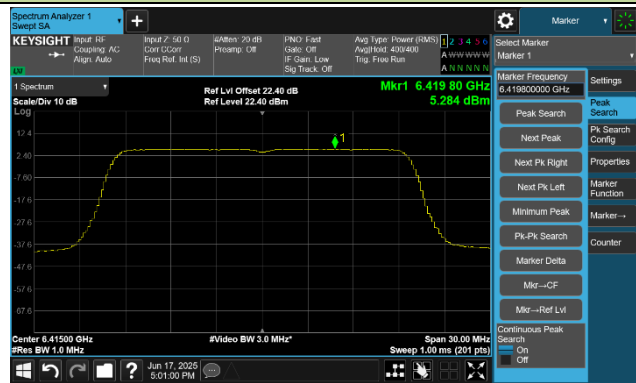
Channel 1 (5955 MHz)



Channel 49 (6195 MHz)



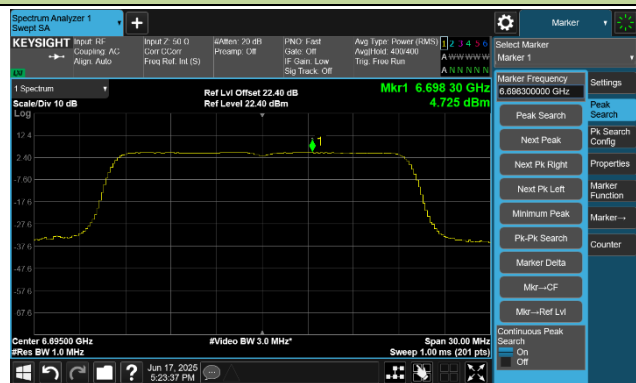
Channel 93 (6415 MHz)



Channel 117 (6535 MHz)



Channel 149 (6695 MHz)

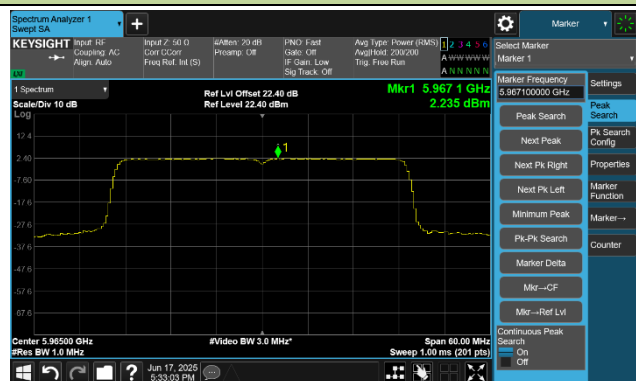


Channel 181 (6855 MHz)



802.11be-EHT40 Power Spectral Density- Ant 2

Channel 3 (5965 MHz)



Channel 51 (6205 MHz)



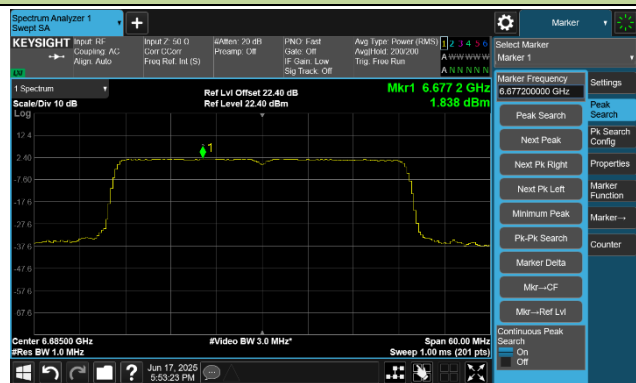
Channel 91 (6405 MHz)



Channel 123 (6565 MHz)



Channel 147 (6685 MHz)

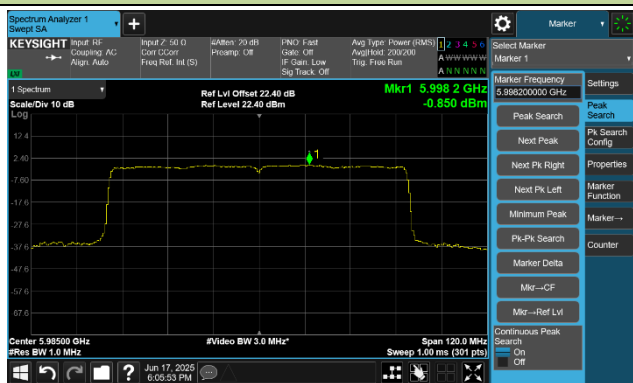


Channel 179 (6845 MHz)

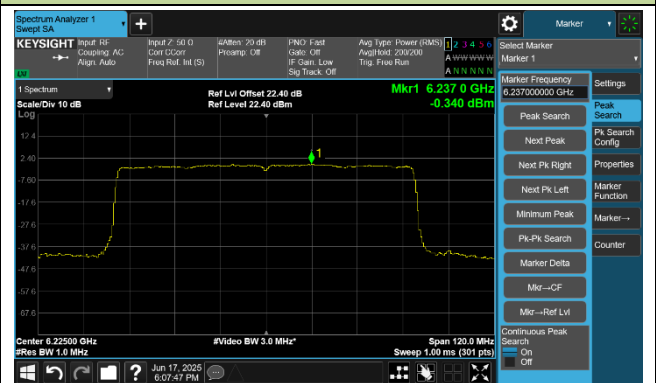


802.11be-EHT80 Power Spectral Density- Ant 2

Channel 7 (5985 MHz)



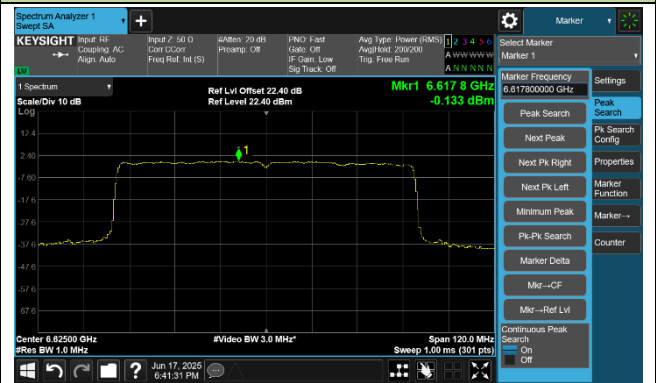
Channel 55 (6225 MHz)



Channel 87 (6385 MHz)



Channel 135 (6625 MHz)



Channel 151 (6705 MHz)



Channel 167 (6785 MHz)



802.11be-EHT160 Power Spectral Density- Ant 2

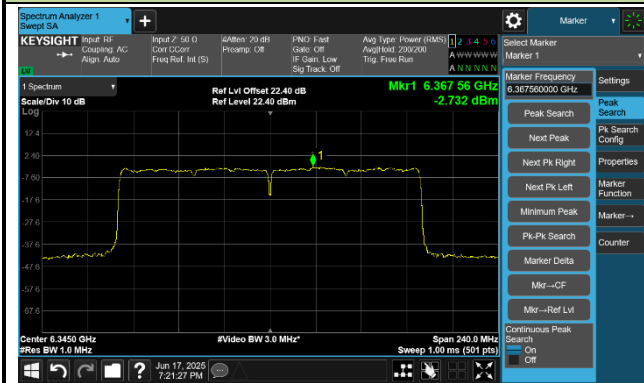
Channel 15 (6025 MHz)



Channel 47 (6185 MHz)



Channel 79 (6345 MHz)



Channel 143 (6665 MHz)



802.11be-EHT20 Power Spectral Density- Ant 3

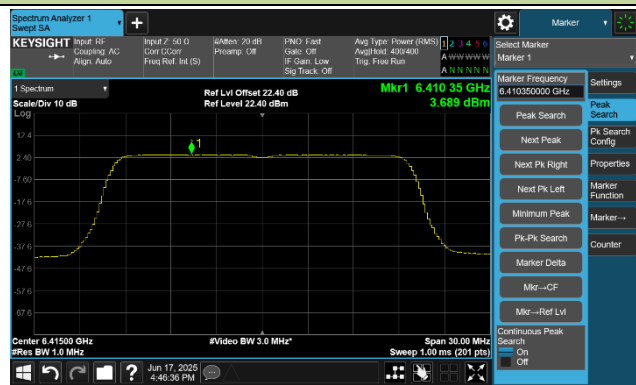
Channel 1 (5955 MHz)



Channel 49 (6195 MHz)



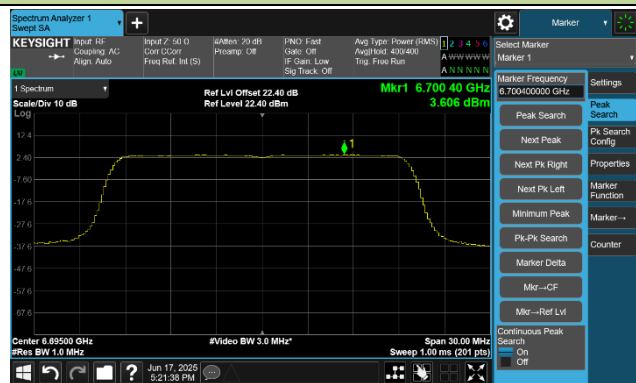
Channel 93 (6415 MHz)



Channel 117 (6535 MHz)



Channel 149 (6695 MHz)

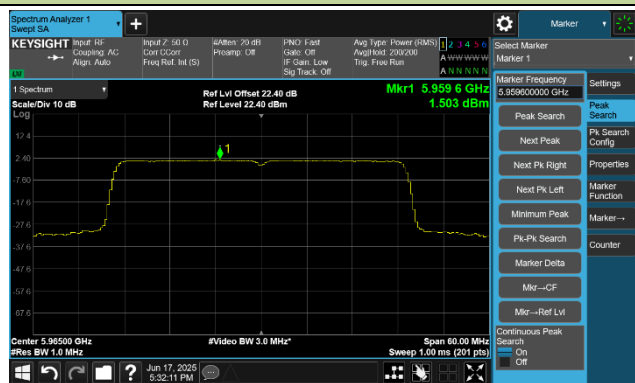


Channel 181 (6855 MHz)



802.11be-EHT40 Power Spectral Density- Ant 3

Channel 3 (5965 MHz)



Channel 51 (6205 MHz)



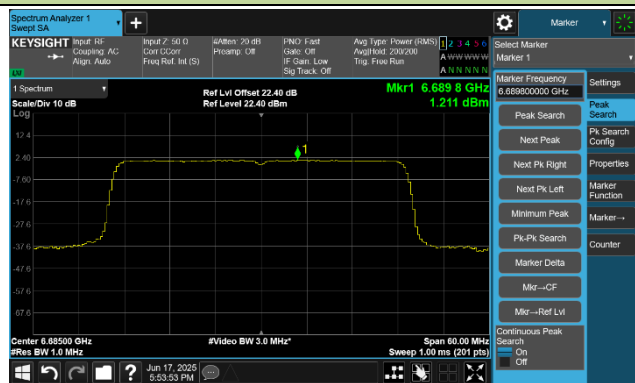
Channel 91 (6405 MHz)



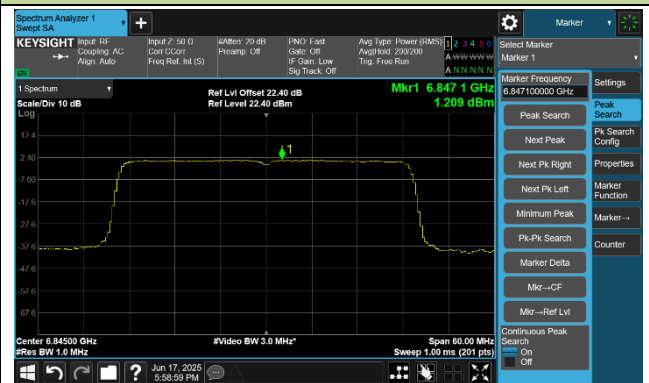
Channel 123 (6565 MHz)



Channel 147 (6685 MHz)

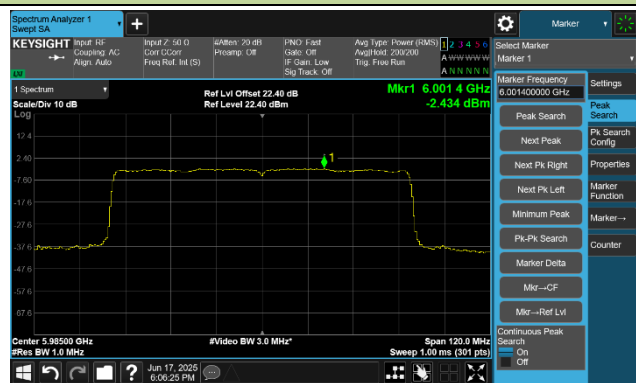


Channel 179 (6845 MHz)

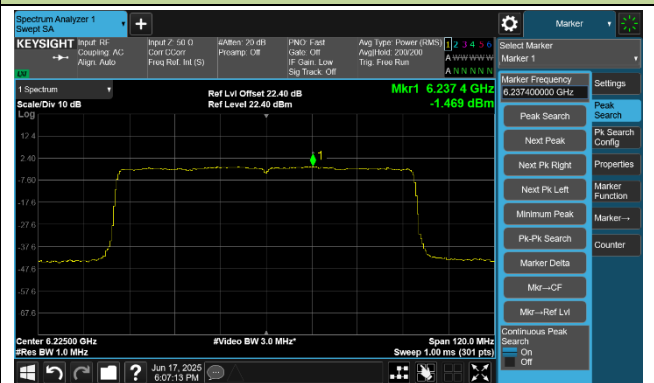


802.11be-EHT80 Power Spectral Density- Ant 3

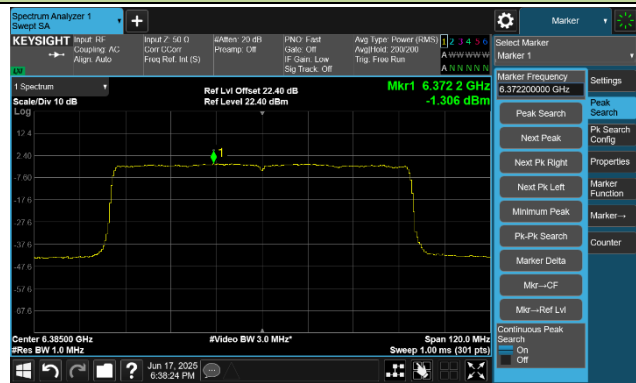
Channel 7 (5985 MHz)



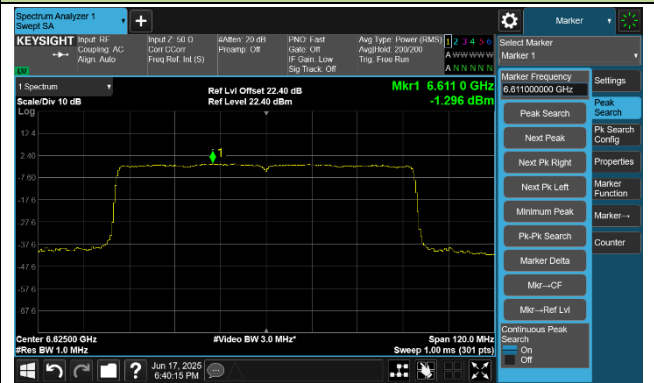
Channel 55 (6225 MHz)



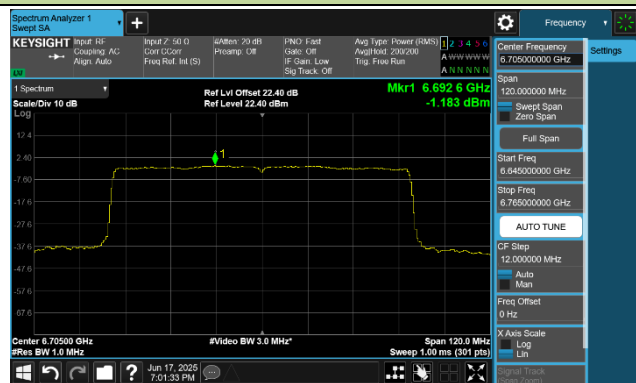
Channel 87 (6385 MHz)



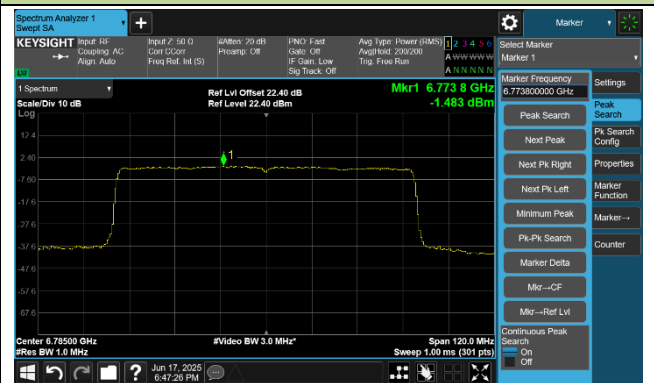
Channel 135 (6625 MHz)



Channel 151 (6705 MHz)



Channel 167 (6785 MHz)



Channel 47 (6185 MHz)



Channel 143 (6665 MHz)



4*4 Directional:

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-06-26 ~ 2025-06-27		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/MHz)				Duty Cycle (%)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)
				Ant 0	Ant 1	Ant 2	Ant 3			
802.11be-EHT20	MCS0	1	5955	5.764	6.874	6.888	6.167	97.39	22.795	≤ 23.00
802.11be-EHT20	MCS0	49	6195	5.760	5.906	7.250	5.500	97.39	22.505	≤ 23.00
802.11be-EHT20	MCS0	93	6415	5.340	5.823	7.535	6.290	97.39	22.672	≤ 23.00
802.11be-EHT20	MCS0	117	6535	7.229	5.731	6.247	5.979	97.39	22.680	≤ 23.00
802.11be-EHT20	MCS0	149	6695	6.669	6.077	6.698	5.268	97.39	22.561	≤ 23.00
802.11be-EHT20	MCS0	181	6855	6.965	6.013	6.943	5.392	97.39	22.723	≤ 23.00
802.11be-EHT40	MCS0	3	5965	0.050	-0.220	-0.161	-0.256	95.49	16.286	≤ 23.00
802.11be-EHT40	MCS0	51	6205	5.940	5.586	7.021	5.349	95.49	22.454	≤ 23.00
802.11be-EHT40	MCS0	91	6405	4.622	4.702	6.782	5.423	95.49	21.904	≤ 23.00
802.11be-EHT40	MCS0	123	6565	7.100	5.214	6.018	5.304	95.49	22.408	≤ 23.00
802.11be-EHT40	MCS0	147	6685	6.711	5.636	5.750	4.373	95.49	22.126	≤ 23.00
802.11be-EHT40	MCS0	179	6845	6.987	5.751	6.950	5.309	95.49	22.742	≤ 23.00
802.11be-EHT80	MCS0	7	5985	-0.371	-1.133	-1.392	-2.140	91.91	15.384	≤ 23.00
802.11be-EHT80	MCS0	55	6225	3.280	2.900	3.619	2.018	91.91	19.591	≤ 23.00
802.11be-EHT80	MCS0	87	6385	2.220	2.064	3.800	3.130	91.91	19.458	≤ 23.00
802.11be-EHT80	MCS0	135	6625	3.508	2.404	3.647	2.671	91.91	19.687	≤ 23.00
802.11be-EHT80	MCS0	151	6705	3.678	2.503	3.323	2.466	91.91	19.621	≤ 23.00
802.11be-EHT80	MCS0	167	6785	3.813	2.729	2.911	1.859	91.91	19.480	≤ 23.00
802.11be-EHT160	MCS0	15	6025	-5.623	-6.378	-5.217	-6.095	87.11	11.024	≤ 23.00
802.11be-EHT160	MCS0	47	6185	0.453	-0.058	1.420	-0.465	87.11	17.226	≤ 23.00
802.11be-EHT160	MCS0	79	6345	0.664	-0.075	1.043	0.173	87.11	17.303	≤ 23.00
802.11be-EHT160	MCS0	143	6665	-2.114	-0.097	-0.344	-1.334	87.11	15.931	≤ 23.00

Note: When EUT duty cycle < 98%, EIRP PSD (dBm/MHz) = $10 \times \log \{ 10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)} \}$ (dBm/MHz) + $10 \times \log (1/\text{Duty Cycle})$ + Directional Gain for PSD (dBi).

802.11be-EHT20 Power Spectral Density- Ant 0

Channel 1 (5955 MHz)



Channel 49 (6195 MHz)



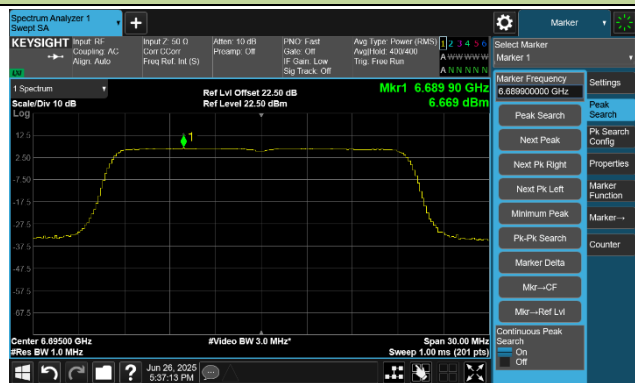
Channel 93 (6415 MHz)



Channel 117 (6535 MHz)



Channel 149 (6695 MHz)

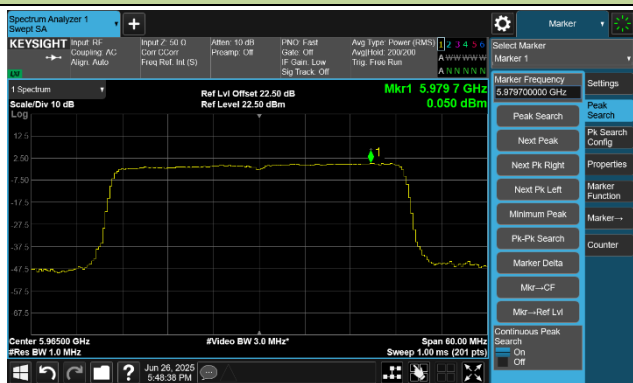


Channel 181 (6855 MHz)



802.11be-EHT40 Power Spectral Density- Ant 0

Channel 3 (5965 MHz)



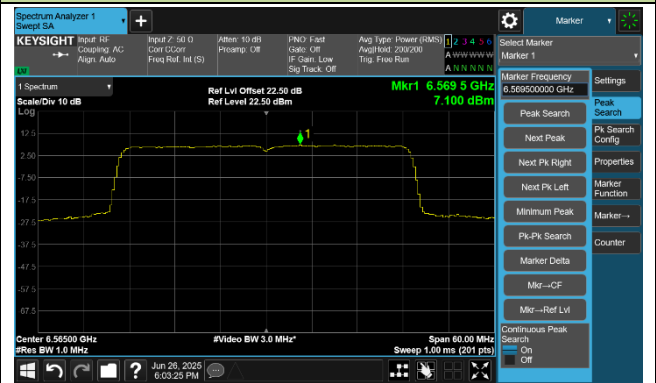
Channel 51 (6205 MHz)



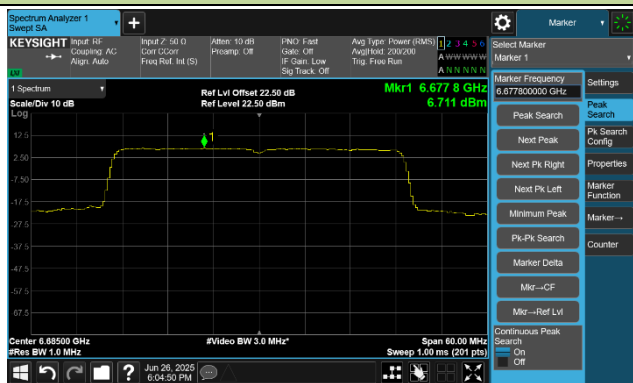
Channel 91 (6405 MHz)



Channel 123 (6565 MHz)



Channel 147 (6685 MHz)



Channel 179 (6845 MHz)

