

802.11be-EHT20 Power Spectral Density- Ant 1

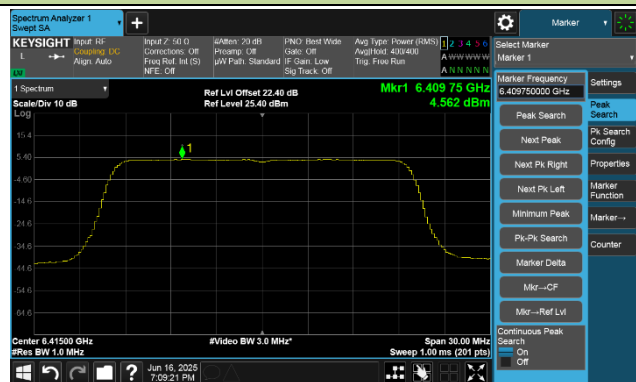
Channel 1 (5955 MHz)



Channel 49 (6195 MHz)



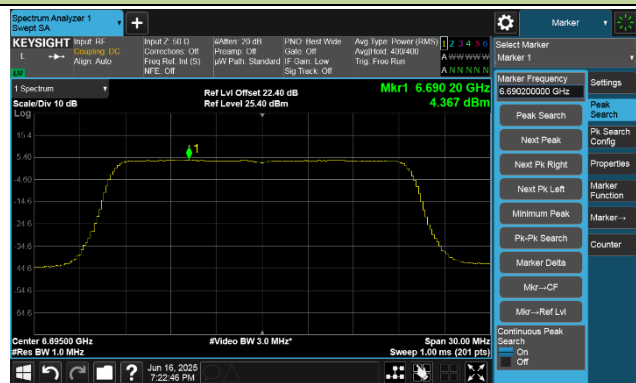
Channel 93 (6415 MHz)



Channel 117 (6535 MHz)



Channel 149 (6695 MHz)

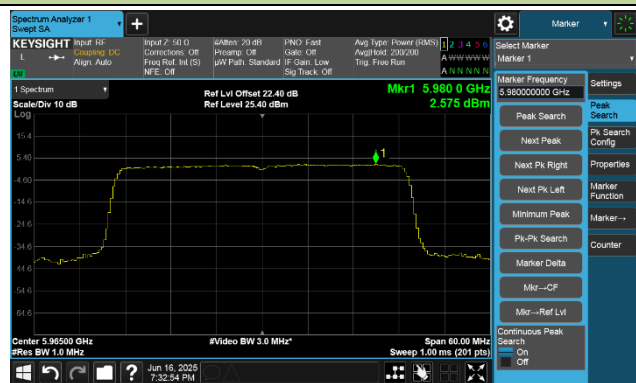


Channel 181 (6855 MHz)

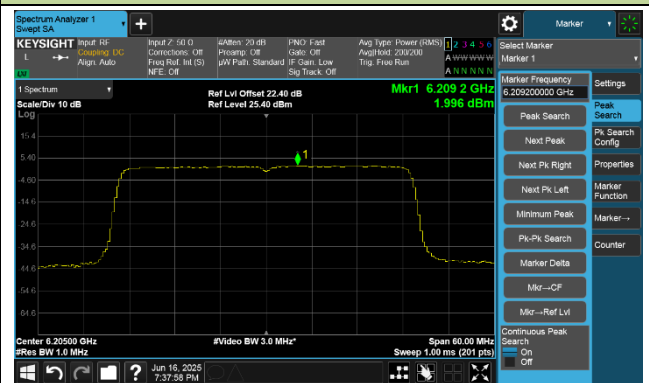


802.11be-EHT40 Power Spectral Density- Ant 1

Channel 3 (5965 MHz)



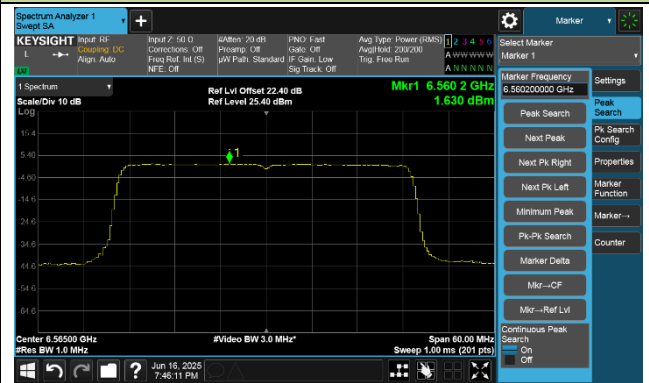
Channel 51 (6205 MHz)



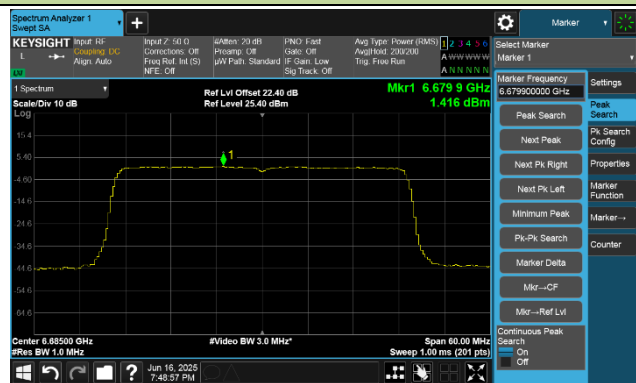
Channel 91 (6405 MHz)



Channel 123 (6565 MHz)



Channel 147 (6685 MHz)

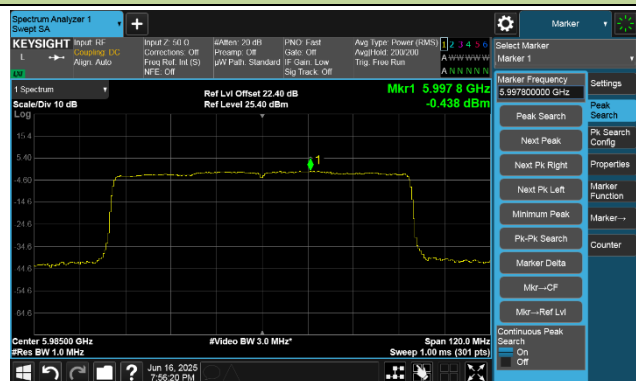


Channel 179 (6845 MHz)

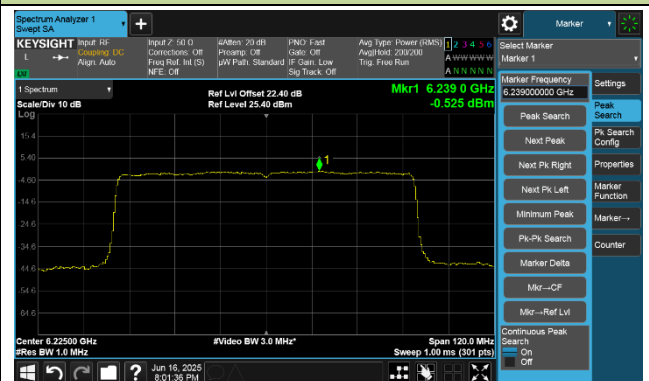


802.11be-EHT80 Power Spectral Density- Ant 1

Channel 7 (5985 MHz)



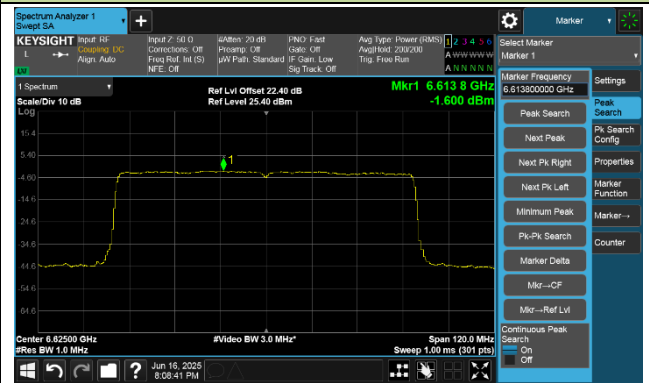
Channel 55 (6225 MHz)



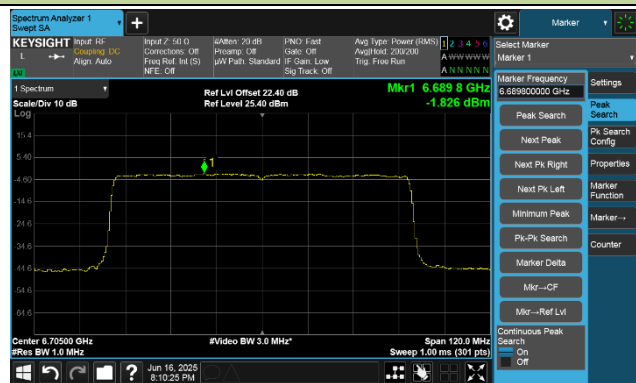
Channel 87 (6385 MHz)



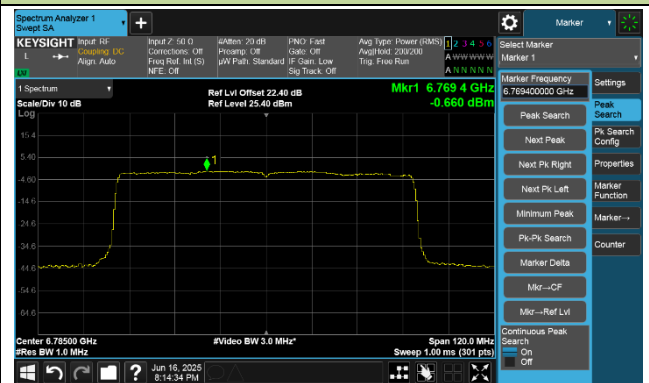
Channel 135 (6625 MHz)



Channel 151 (6705 MHz)

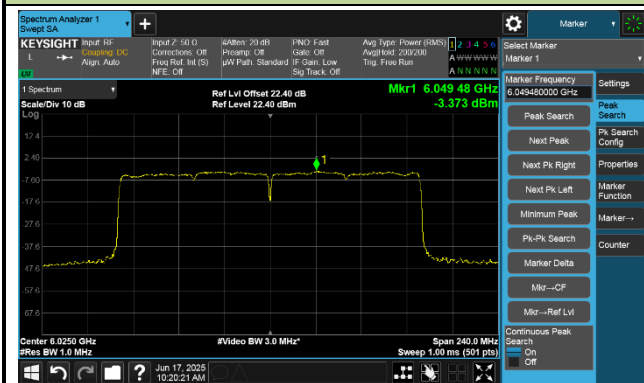


Channel 167 (6785 MHz)



802.11be-EHT160 Power Spectral Density- Ant 1

Channel 15 (6025 MHz)



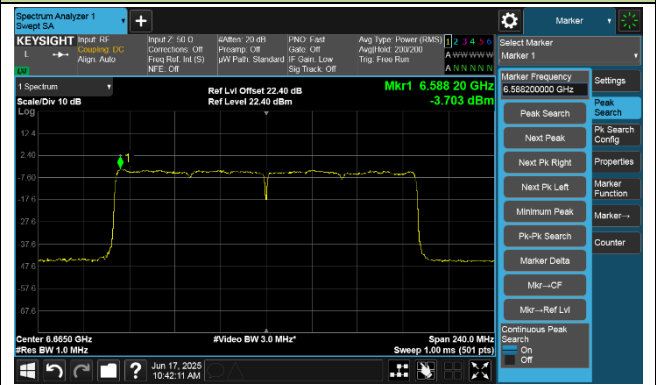
Channel 47 (6185 MHz)



Channel 79 (6345 MHz)



Channel 143 (6665 MHz)



2*2 Directional:

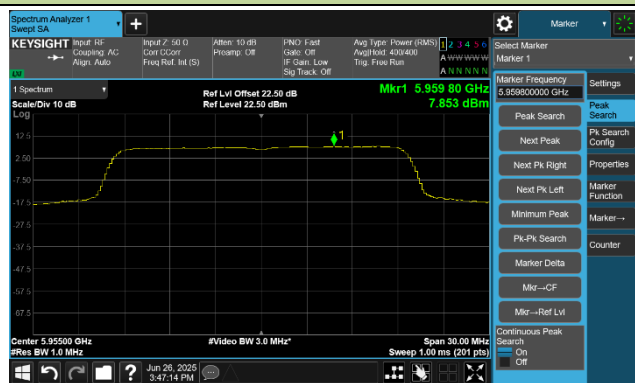
Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-06-26		

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			
802.11be-EHT20	MCS0	1	5955	7.853	8.865	97.39	18.914	≤ 23.00
802.11be-EHT20	MCS0	49	6195	9.072	9.050	97.39	19.586	≤ 23.00
802.11be-EHT20	MCS0	93	6415	8.454	8.982	97.39	19.251	≤ 23.00
802.11be-EHT20	MCS0	117	6535	9.805	8.536	97.39	19.742	≤ 23.00
802.11be-EHT20	MCS0	149	6695	9.219	8.269	97.39	19.295	≤ 23.00
802.11be-EHT20	MCS0	181	6855	9.675	8.417	97.39	19.617	≤ 23.00
802.11be-EHT40	MCS0	3	5965	3.291	3.544	95.49	14.030	≤ 23.00
802.11be-EHT40	MCS0	51	6205	6.181	6.461	95.49	16.934	≤ 23.00
802.11be-EHT40	MCS0	91	6405	5.808	5.860	95.49	16.445	≤ 23.00
802.11be-EHT40	MCS0	123	6565	6.646	4.726	95.49	16.402	≤ 23.00
802.11be-EHT40	MCS0	147	6685	6.934	6.128	95.49	17.160	≤ 23.00
802.11be-EHT40	MCS0	179	6845	6.943	5.728	95.49	16.989	≤ 23.00
802.11be-EHT80	MCS0	7	5985	0.288	-0.294	91.91	10.783	≤ 23.00
802.11be-EHT80	MCS0	55	6225	4.050	3.706	91.91	14.658	≤ 23.00
802.11be-EHT80	MCS0	87	6385	3.106	3.447	91.91	14.057	≤ 23.00
802.11be-EHT80	MCS0	135	6625	3.650	3.106	91.91	14.163	≤ 23.00
802.11be-EHT80	MCS0	151	6705	3.723	3.008	91.91	14.157	≤ 23.00
802.11be-EHT80	MCS0	167	6785	3.401	3.211	91.91	14.084	≤ 23.00
802.11be-EHT160	MCS0	15	6025	-3.275	-2.187	87.11	8.313	≤ 23.00
802.11be-EHT160	MCS0	47	6185	1.258	1.112	87.11	12.195	≤ 23.00
802.11be-EHT160	MCS0	79	6345	0.759	0.247	87.11	11.520	≤ 23.00
802.11be-EHT160	MCS0	143	6665	-0.162	-0.267	87.11	10.795	≤ 23.00

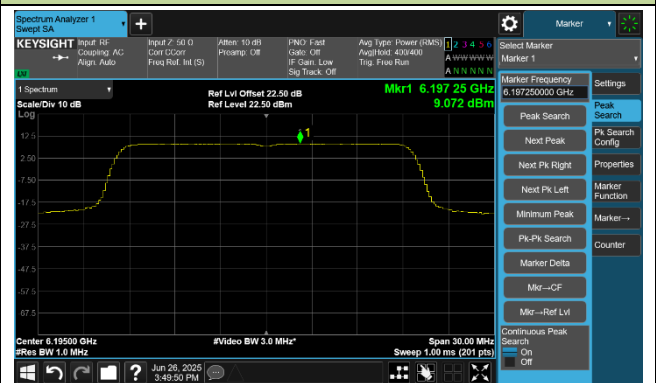
Note: When EUT duty cycle < 98%, EIRP PSD (dBm/MHz) = $10 \times \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$
(dBm/MHz) + $10 \times \log (1/\text{Duty Cycle})$ + Directional Gain for PSD (dBi).

802.11be-EHT20 Power Spectral Density- Ant 0

Channel 1 (5955 MHz)



Channel 49 (6195 MHz)



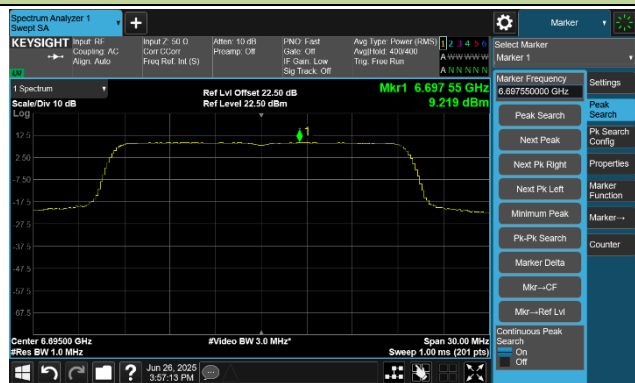
Channel 93 (6415 MHz)



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)



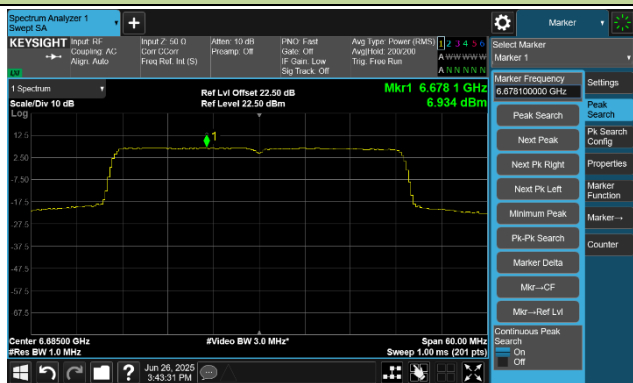
Channel 91 (6405 MHz)



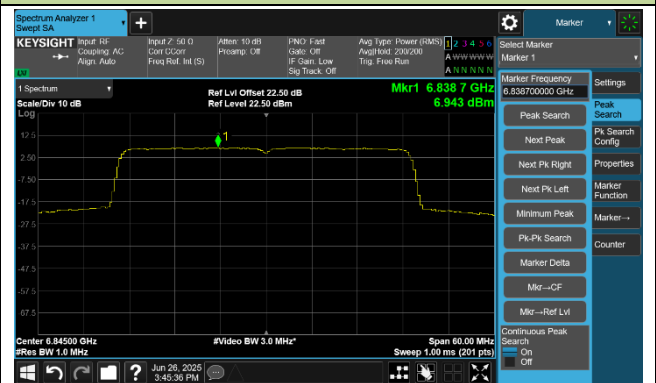
Channel 123 (6565 MHz)



Channel 147 (6685 MHz)



Channel 179 (6845 MHz)



802.11be-EHT80 Power Spectral Density- Ant 0

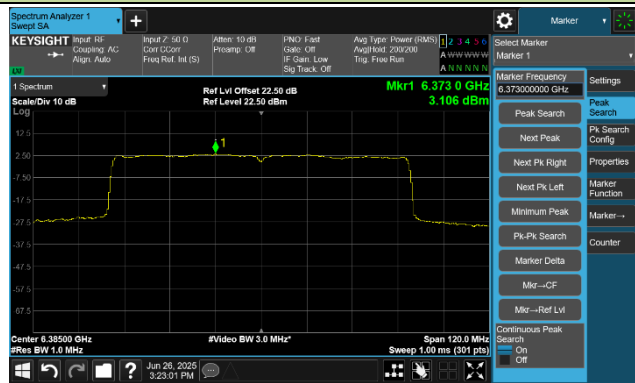
Channel 7 (5985 MHz)



Channel 55 (6225 MHz)



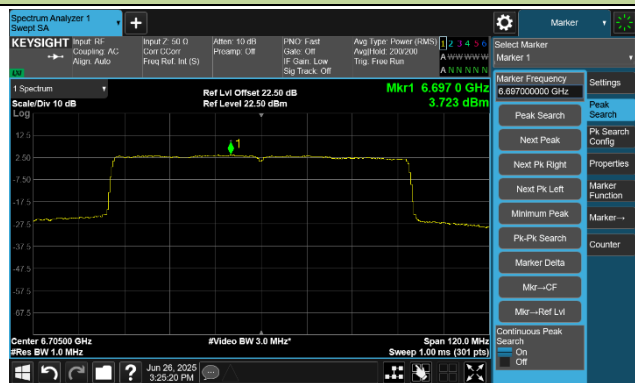
Channel 87 (6385 MHz)



Channel 135 (6625 MHz)



Channel 151 (6705 MHz)



Channel 167 (6785 MHz)



802.11be-EHT160 Power Spectral Density- Ant 0

Channel 15 (6025 MHz)



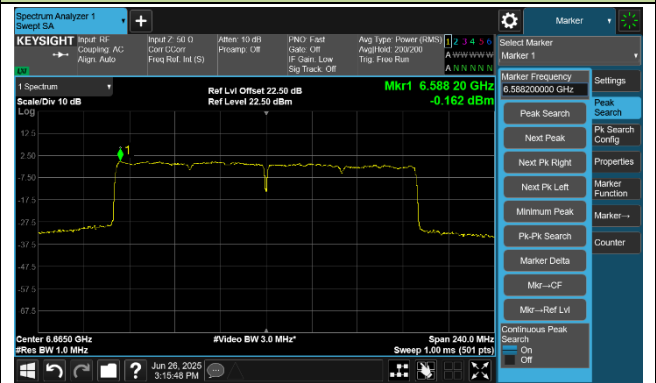
Channel 47 (6185 MHz)



Channel 79 (6345 MHz)



Channel 143 (6665 MHz)



802.11be-EHT20 Power Spectral Density- Ant 1

Channel 1 (5955 MHz)



Channel 49 (6195 MHz)



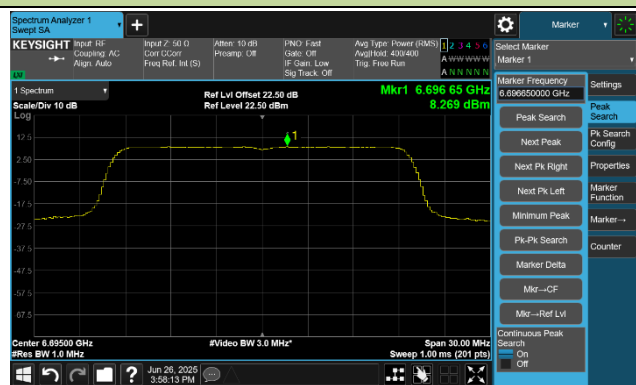
Channel 93 (6415 MHz)



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)



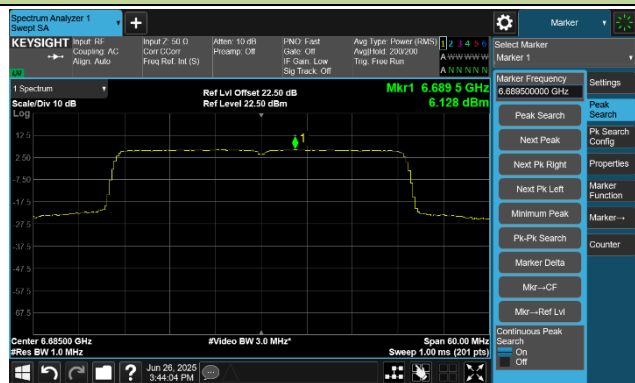
Channel 91 (6405 MHz)



Channel 123 (6565 MHz)



Channel 147 (6685 MHz)

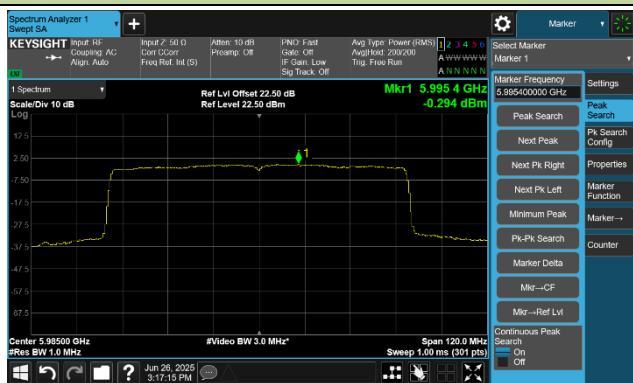


Channel 179 (6845 MHz)



802.11be-EHT80 Power Spectral Density- Ant 1

Channel 7 (5985 MHz)



Channel 55 (6225 MHz)



Channel 87 (6385 MHz)



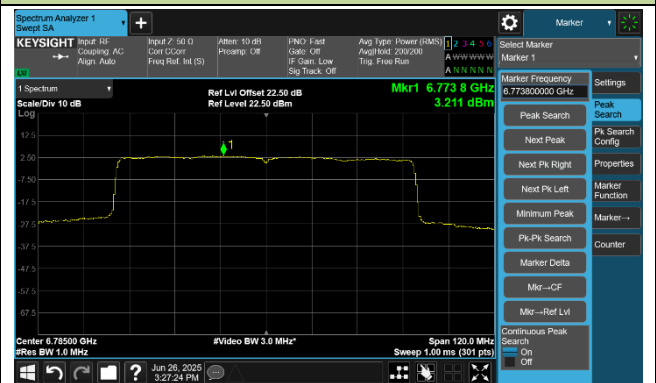
Channel 135 (6625 MHz)



Channel 151 (6705 MHz)



Channel 167 (6785 MHz)



802.11be-EHT160 Power Spectral Density- Ant 1

Channel 15 (6025 MHz)



Channel 47 (6185 MHz)



Channel 79 (6345 MHz)



Channel 143 (6665 MHz)



4*4 Omni:

Test Site	SIP-TR1	Test Engineer	Ryan Wang
Test Date	2025-06-17		

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	5.023	5.011	5.695	4.875	97.39	17.508	≤ 23.00
802.11be-EHT20	MCS0	49	6195	3.409	4.593	4.171	3.459	97.39	16.282	≤ 23.00
802.11be-EHT20	MCS0	93	6415	3.807	5.136	5.284	3.689	97.39	16.886	≤ 23.00
802.11be-EHT20	MCS0	117	6535	4.857	5.205	4.815	3.592	97.39	17.004	≤ 23.00
802.11be-EHT20	MCS0	149	6695	4.672	5.237	4.725	3.606	97.39	16.945	≤ 23.00
802.11be-EHT20	MCS0	181	6855	4.910	5.367	5.560	4.118	97.39	17.369	≤ 23.00
802.11be-EHT40	MCS0	3	5965	2.418	2.721	2.235	1.503	95.49	14.673	≤ 23.00
802.11be-EHT40	MCS0	51	6205	1.460	1.891	1.376	1.273	95.49	13.937	≤ 23.00
802.11be-EHT40	MCS0	91	6405	0.759	2.344	2.273	1.181	95.49	14.124	≤ 23.00
802.11be-EHT40	MCS0	123	6565	2.283	1.921	1.666	1.091	95.49	14.193	≤ 23.00
802.11be-EHT40	MCS0	147	6685	1.845	2.099	1.838	1.211	95.49	14.191	≤ 23.00
802.11be-EHT40	MCS0	179	6845	1.769	2.442	2.607	1.209	95.49	14.473	≤ 23.00
802.11be-EHT80	MCS0	7	5985	-0.788	0.351	-0.850	-2.434	91.91	11.777	≤ 23.00
802.11be-EHT80	MCS0	55	6225	-0.583	0.014	-0.340	-1.469	91.91	12.036	≤ 23.00
802.11be-EHT80	MCS0	87	6385	-1.992	-0.674	-0.058	-1.306	91.91	11.649	≤ 23.00
802.11be-EHT80	MCS0	135	6625	-0.944	-0.699	-0.133	-1.296	91.91	11.850	≤ 23.00
802.11be-EHT80	MCS0	151	6705	-1.145	-0.458	-0.295	-1.183	91.91	11.845	≤ 23.00
802.11be-EHT80	MCS0	167	6785	-1.679	-0.257	-0.386	-1.483	91.91	11.692	≤ 23.00
802.11be-EHT160	MCS0	15	6025	-3.741	-3.346	-3.226	-4.738	87.11	9.106	≤ 23.00
802.11be-EHT160	MCS0	47	6185	-3.794	-3.439	-3.295	-5.713	87.11	8.870	≤ 23.00
802.11be-EHT160	MCS0	79	6345	-3.518	-3.145	-2.732	-5.262	87.11	9.265	≤ 23.00
802.11be-EHT160	MCS0	143	6665	-4.845	-3.513	-3.136	-4.893	87.11	8.804	≤ 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)



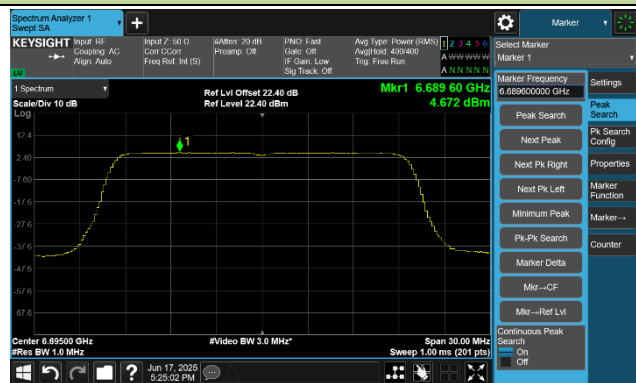
Channel 93 (6415 MHz)



Channel 117 (6535 MHz)



Channel 149 (6695 MHz)



Channel 181 (6855 MHz)



802.11be-EHT40 Power Spectral Density- Ant 0

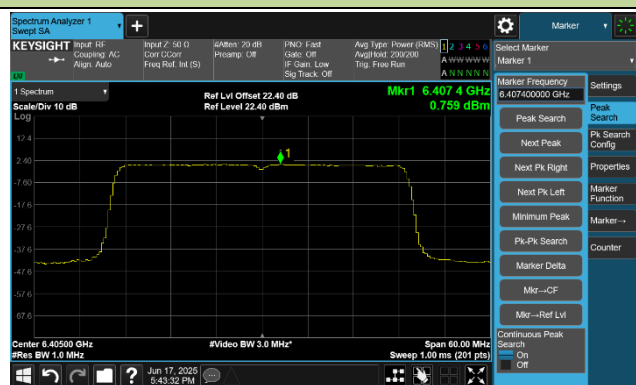
Channel 3 (5965 MHz)



Channel 51 (6205 MHz)



Channel 91 (6405 MHz)



Channel 123 (6565 MHz)



Channel 147 (6685 MHz)



Channel 179 (6845 MHz)



802.11be-EHT80 Power Spectral Density- Ant 0

Channel 7 (5985 MHz)



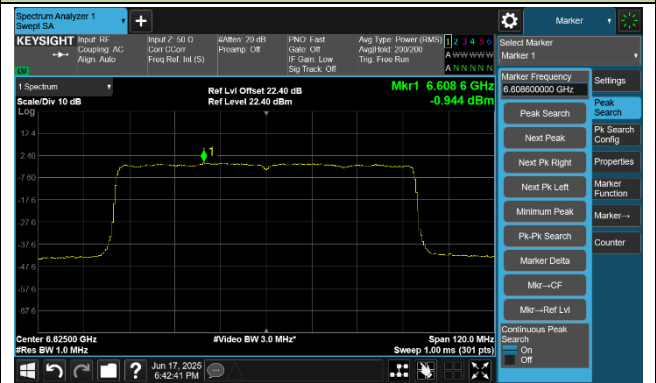
Channel 55 (6225 MHz)



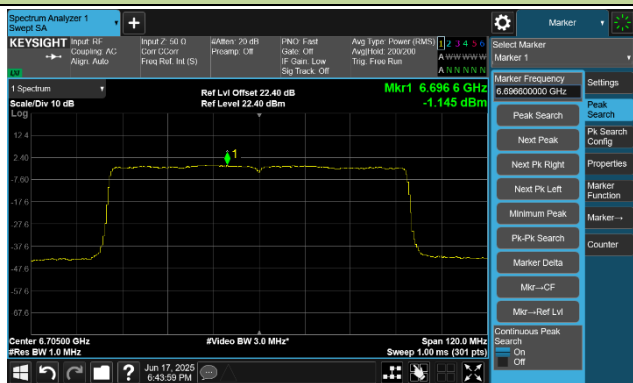
Channel 87 (6385 MHz)



Channel 135 (6625 MHz)



Channel 151 (6705 MHz)



Channel 167 (6785 MHz)

