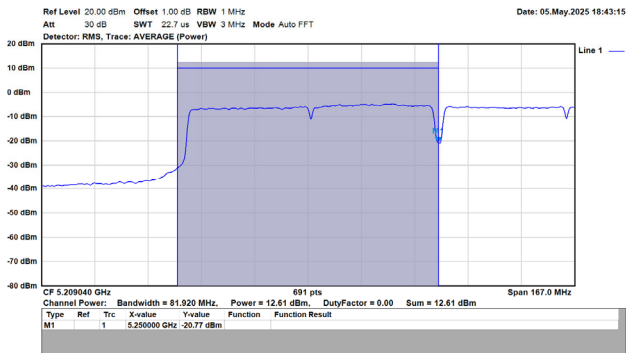
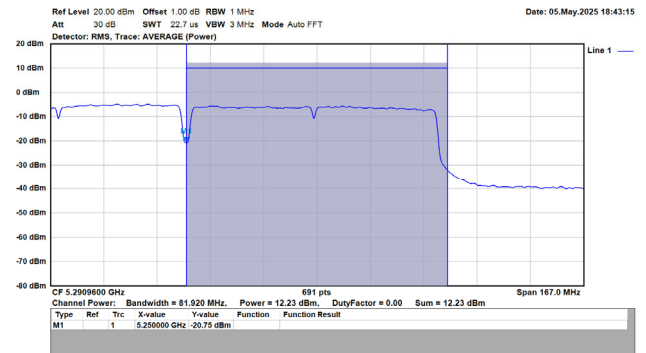


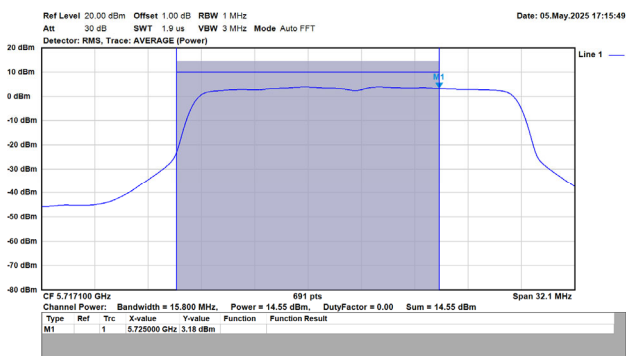
802.11ac/160MHz/MCS0/5250MHz/Ch50/Ant.2 (UNII-1)



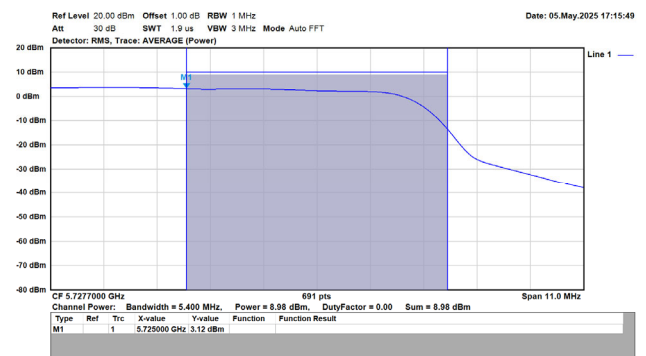
802.11ac/160MHz/MCS0/5250MHz/Ch50/Ant.2 (UNII-2A)



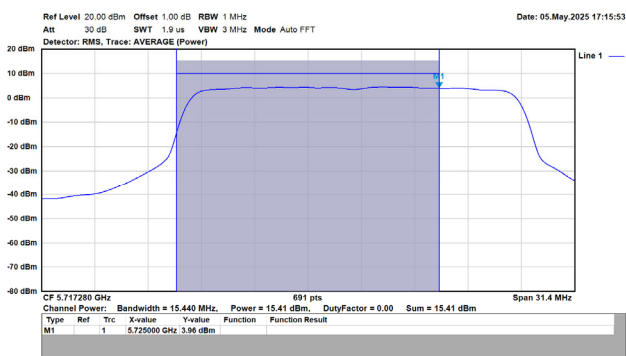
802.11ax/20MHz/MCS0/5720MHz/Ch144/Ant.1 (UNII-2C)



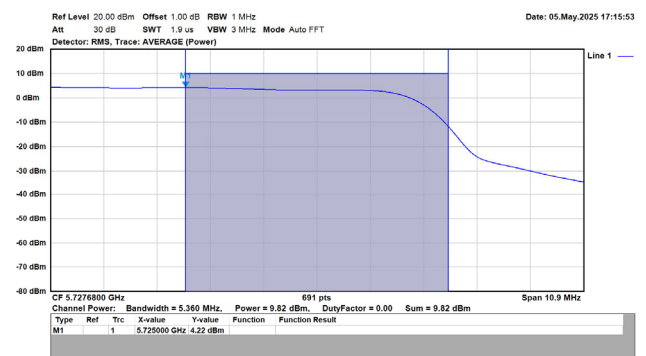
802.11ax/20MHz/MCS0/5720MHz/Ch144/Ant.1 (UNII-3)



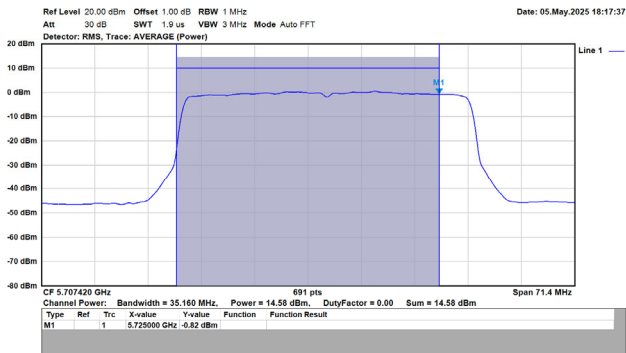
802.11ax/20MHz/MCS0/5720MHz/Ch144/Ant.2 (UNII-2C)



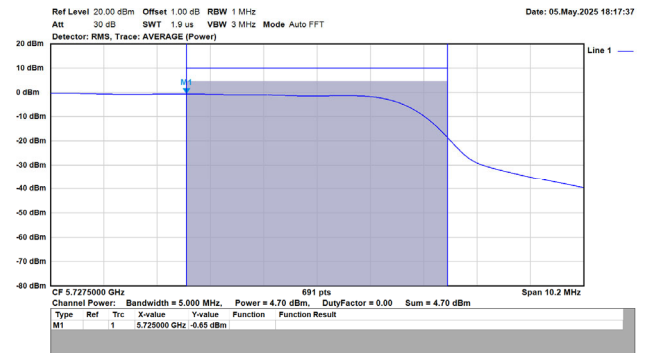
802.11ax/20MHz/MCS0/5720MHz/Ch144/Ant.2 (UNII-3)



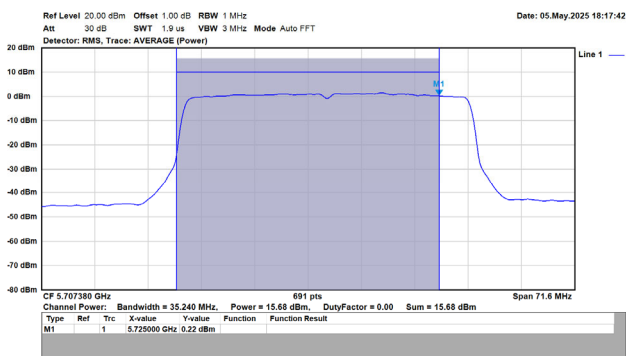
802.11ax/40MHz/MCS0/5710MHz/Ch142/Ant.1 (UNII-2C)



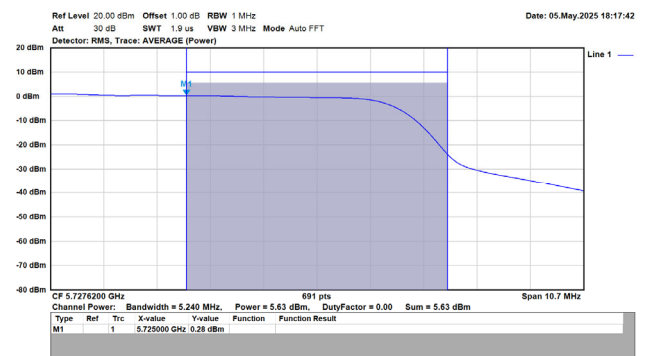
802.11ax/40MHz/MCS0/5710MHz/Ch142/Ant.1 (UNII-3)



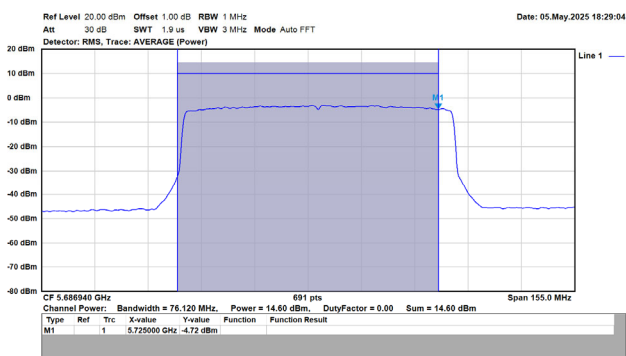
802.11ax/40MHz/MCS0/5710MHz/Ch142/Ant.2 (UNII-2C)



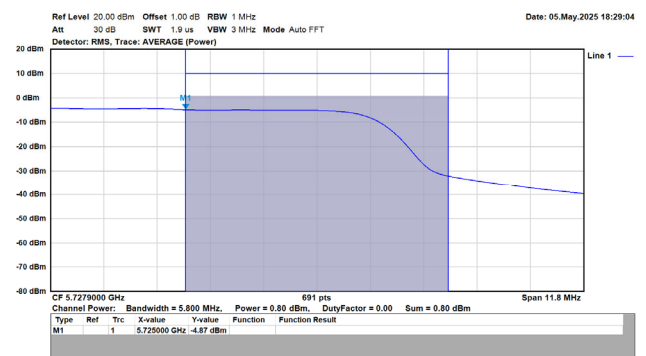
802.11ax/40MHz/MCS0/5710MHz/Ch142/Ant.2 (UNII-3)



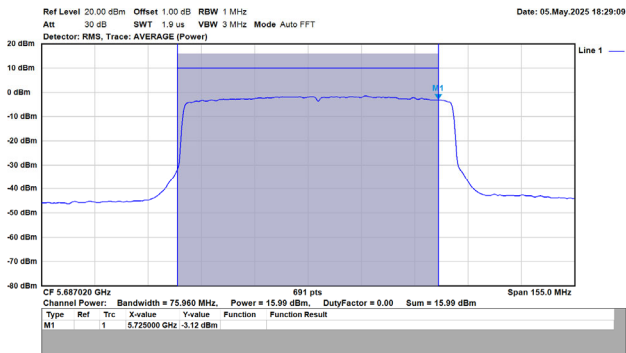
802.11ax/80MHz/MCS0/5690MHz/Ch138/Ant.1 (UNII-2C)



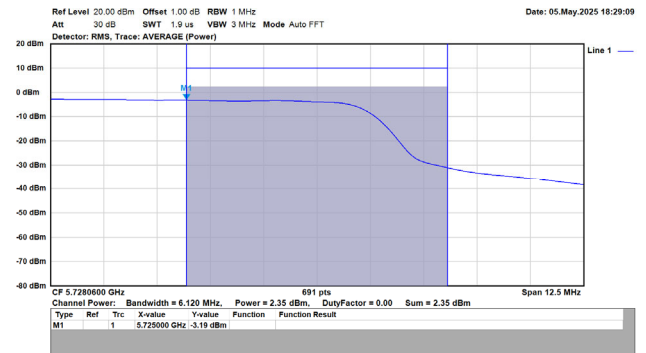
802.11ax/80MHz/MCS0/5690MHz/Ch138/Ant.1 (UNII-3)



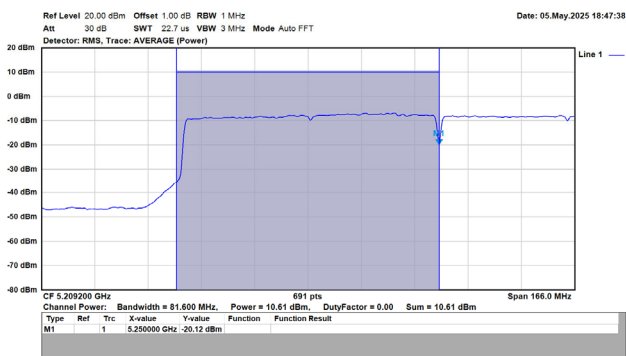
802.11ax/80MHz/MCS0/5690MHz/Ch138/Ant.2 (UNII-2C)



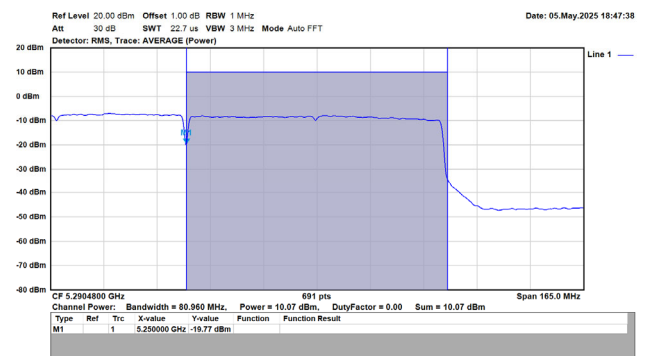
802.11ax/80MHz/MCS0/5690MHz/Ch138/Ant.2 (UNII-3)



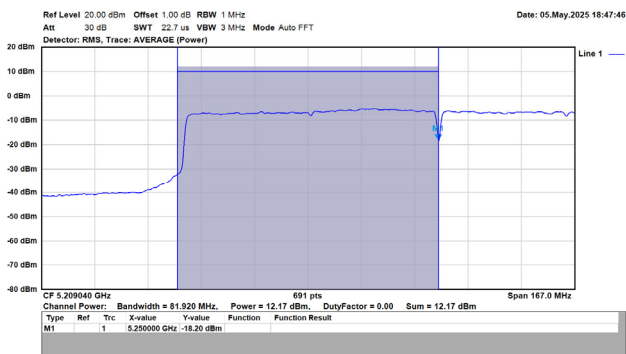
802.11ax/160MHz/MCS0/5250MHz/Ch50/Ant.1 (UNII-1)



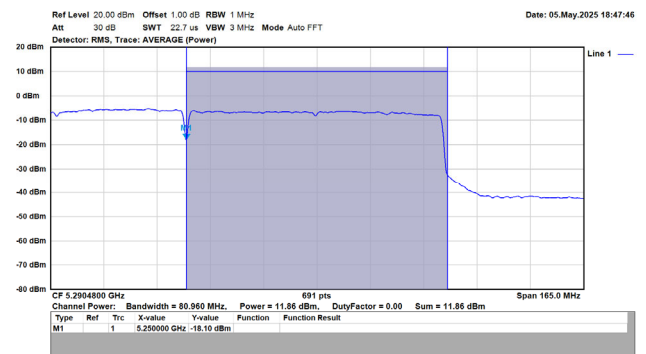
802.11ax/160MHz/MCS0/5250MHz/Ch50/Ant.1 (UNII-2A)



802.11ax/160MHz/MCS0/5250MHz/Ch50/Ant.2 (UNII-1)



802.11ax/160MHz/MCS0/5250MHz/Ch50/Ant.2 (UNII-2A)



Appendix D. Test Result of Maximum Power Spectral Density

Modulation	Frequency (MHz)	Power Spectral Density dBm/MHz			Limit dBm/MHz	Result
		Ant. 1	Ant. 2	Total		
802.11a (20MHz)	5180	1.26	1.36	4.04	10.27	Pass
	5220	0.25	1.28	3.64	10.27	Pass
	5240	0.58	1.17	3.57	10.27	Pass
	5260	-0.26	1.14	3.07	10.27	Pass
	5300	0.51	1.85	3.99	10.27	Pass
	5320	-0.13	1.59	3.53	10.27	Pass
	5500	2.65	4.52	6.60	10.46	Pass
	5580	2.36	3.67	5.93	10.46	Pass
	5700	2.83	3.60	5.79	10.46	Pass
	5720 UNII-2C	4.47	5.48	7.85	10.46	Pass
802.11ac (20MHz)	5180	0.17	0.78	3.13	10.27	Pass
	5220	0.22	1.00	3.57	10.27	Pass
	5240	0.03	1.15	3.47	10.27	Pass
	5260	-0.85	0.07	2.49	10.27	Pass
	5300	0.32	1.61	3.78	10.27	Pass
	5320	-0.20	1.36	3.52	10.27	Pass
	5500	0.65	1.72	4.10	10.46	Pass
	5580	1.61	2.31	4.31	10.46	Pass
	5700	1.30	2.11	4.73	10.46	Pass
	5720 UNII-2C	2.77	3.98	6.37	10.46	Pass
802.11ac (40MHz)	5190	-3.93	-2.58	-0.52	10.27	Pass
	5230	-2.45	-2.02	0.44	10.27	Pass
	5270	-4.35	-2.69	-0.61	10.27	Pass
	5310	-3.24	-1.88	0.35	10.27	Pass
	5510	-2.28	-0.88	1.20	10.46	Pass
	5550	-2.71	-0.87	1.13	10.46	Pass
	5670	-2.63	-1.31	1.01	10.46	Pass
	5710 UNII-2C	-0.84	0.32	2.42	10.46	Pass
802.11ac (80MHz)	5210	-6.87	-5.36	-3.28	10.27	Pass
	5290	-6.58	-4.53	-2.66	10.27	Pass
	5530	-5.58	-3.83	-1.90	10.46	Pass
	5610	-5.49	-3.65	-1.69	10.46	Pass
	5690 UNII-2C	-4.93	-3.67	-1.47	10.46	Pass
802.11ac (160MHz)	5250 UNII-1	-8.13	-6.41	-4.42	10.27	Pass
	5250 UNII-2A	-8.71	-7.12	-4.98	10.27	Pass
	5570	-8.31	-6.91	-4.89	10.46	Pass

802.11ax (20MHz)	5180	0.40	1.15	3.75	10.27	Pass
	5220	-0.09	1.23	3.44	10.27	Pass
	5240	0.11	1.23	3.38	10.27	Pass
	5260	-1.08	1.15	3.10	10.27	Pass
	5300	0.06	1.50	3.80	10.27	Pass
	5320	-0.54	1.41	3.55	10.27	Pass
	5500	2.04	3.50	5.64	10.46	Pass
	5580	2.59	3.65	6.07	10.46	Pass
	5700	1.71	3.13	5.48	10.46	Pass
	5720 UNII-2C	1.93	3.37	5.65	10.46	Pass
802.11ax (40MHz)	5190	-1.48	-0.64	1.73	10.27	Pass
	5230	-1.24	0.18	2.23	10.27	Pass
	5270	-2.59	-0.68	1.48	10.27	Pass
	5310	-1.88	0.20	2.00	10.27	Pass
	5510	-1.14	0.42	2.62	10.46	Pass
	5550	-1.33	0.43	2.33	10.46	Pass
	5670	-1.69	0.15	2.21	10.46	Pass
	5710 UNII-2C	-1.13	-0.45	2.10	10.46	Pass
802.11ax (80MHz)	5210	-5.07	-4.14	-1.68	10.27	Pass
	5290	-4.88	-2.77	-1.01	10.27	Pass
	5530	-4.71	-2.64	-0.99	10.46	Pass
	5610	-4.71	-3.12	-1.08	10.46	Pass
	5690 UNII-2C	-4.80	-2.87	-0.95	10.46	Pass
802.11ax (160MHz)	5250 UNII-1	-8.22	-7.04	-4.95	10.27	Pass
	5250 UNII-2A	-9.01	-7.33	-5.48	10.27	Pass
	5570	-7.35	-6.20	-3.87	10.46	Pass

Modulation	Frequency (MHz)	Power Spectral Density dBm/500kHz			Limit dBm/500kHz	Result
		Ant. 1	Ant. 2	Total		
802.11a (20MHz)	5720 UNII-3	1.46	2.30	4.83	29.47	Pass
	5745	0.42	1.48	3.67	29.47	Pass
	5785	-0.51	0.46	2.93	29.47	Pass
	5825	0.63	0.83	3.52	29.47	Pass
802.11ac (20MHz)	5720 UNII-3	-0.16	0.44	3.15	29.47	Pass
	5745	-1.22	-0.04	2.15	29.47	Pass
	5785	-1.78	-0.75	1.51	29.47	Pass
	5825	-1.31	-0.58	1.96	29.47	Pass
802.11ac (40MHz)	5710 UNII-3	-4.93	-3.65	-1.32	29.47	Pass
	5755	-4.87	-3.60	-1.48	29.47	Pass
	5795	-5.12	-4.39	-2.00	29.47	Pass
802.11ac (80MHz)	5690 UNII-3	-9.58	-7.97	-5.78	29.47	Pass
	5775	-8.53	-6.97	-4.84	29.47	Pass
802.11ax (20MHz)	5720 UNII-3	-1.26	-0.48	2.09	29.47	Pass
	5745	-1.04	-0.48	1.91	29.47	Pass
	5785	-1.01	0.52	2.47	29.47	Pass
	5825	-0.80	0.43	2.63	29.47	Pass
802.11ax (40MHz)	5710 UNII-3	-5.31	-4.44	-2.23	29.47	Pass
	5755	-4.47	-2.93	-0.81	29.47	Pass
	5795	-3.53	-2.44	-0.10	29.47	Pass
802.11ax (80MHz)	5690 UNII-3	-9.30	-7.87	-5.69	29.47	Pass
	5775	-7.59	-6.23	-4.27	29.47	Pass

Note:

- Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 2.3.
- Directional Gain = $10\log [(10G1/20 + 10G2/20 + \dots + 10GN/20)^2 / N_{Ant}]$ for U-NII-1: 7.11dBi & U-NII-3: 7.55dBi >6dBi;
 - U-NII-1 limit of Indoor AP = $17 - (7.11 - 6) = 15.89\text{dBm}$.
 - U-NII-3 limit = $30 - (7.55 - 6) = 28.45\text{dBm}$.
 - U-NII-4 limit = 14 EIRP

