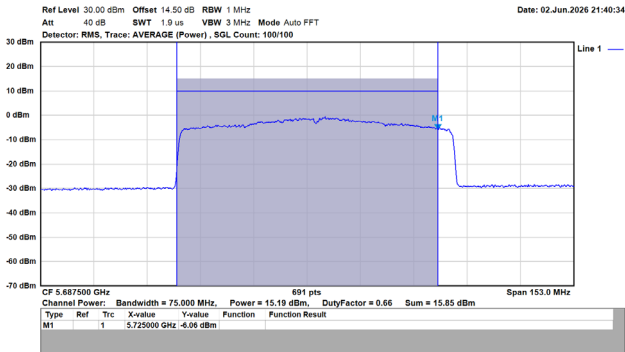
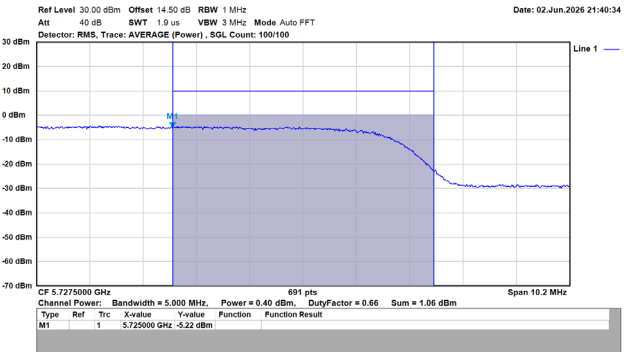


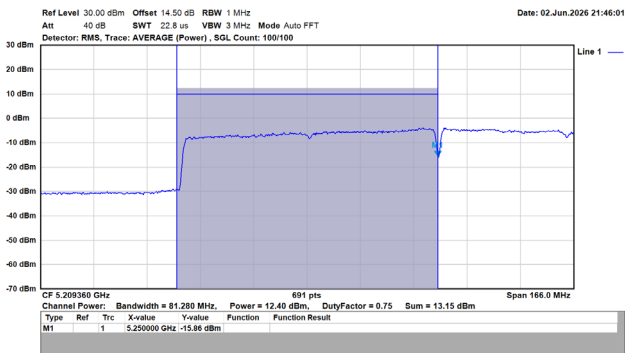
802.11be/80MHz/MCS0/5690MHz/Ch138/Ant.4 (UNII-2C)



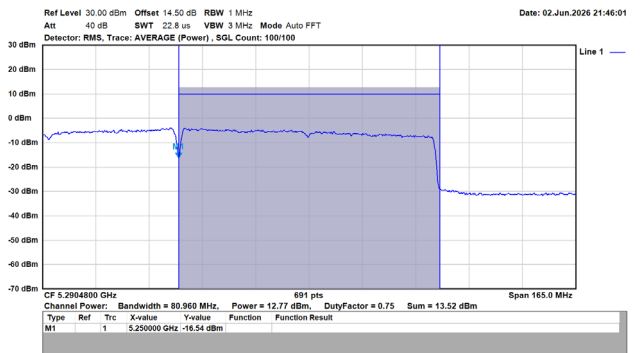
802.11be/80MHz/MCS0/5690MHz/Ch138/Ant.4 (UNII-3)



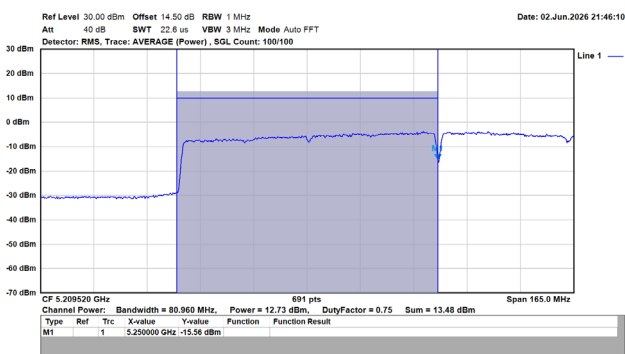
802.11be/160MHz/MCS0/5250MHz/Ch50/Ant.1 (UNII-1)



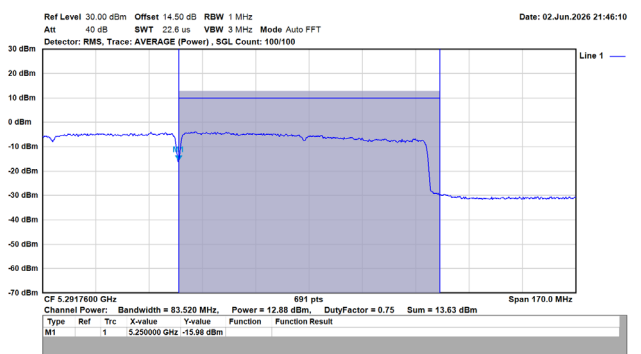
802.11be/160MHz/MCS0/5250MHz/Ch50/Ant.1 (UNII-2A)



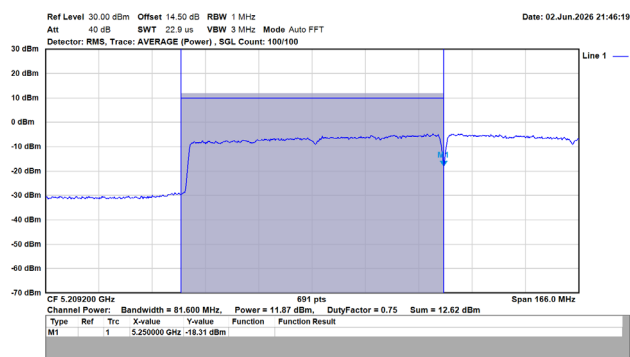
802.11be/160MHz/MCS0/5250MHz/Ch50/Ant.2 (UNII-1)



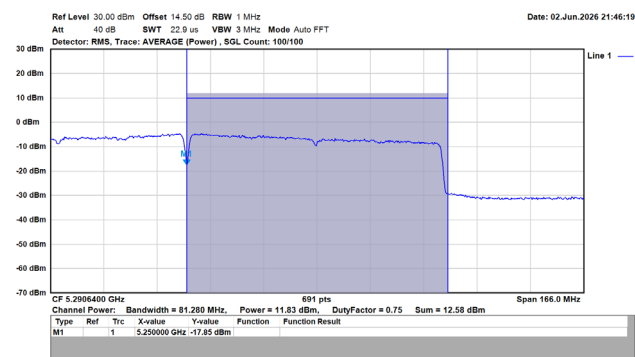
802.11be/160MHz/MCS0/5250MHz/Ch50/Ant.2 (UNII-2A)



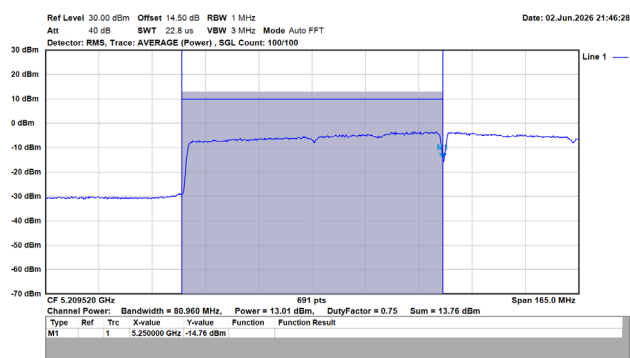
802.11be/160MHz/MCS0/5250MHz/Ch50/Ant.3 (UNII-1)



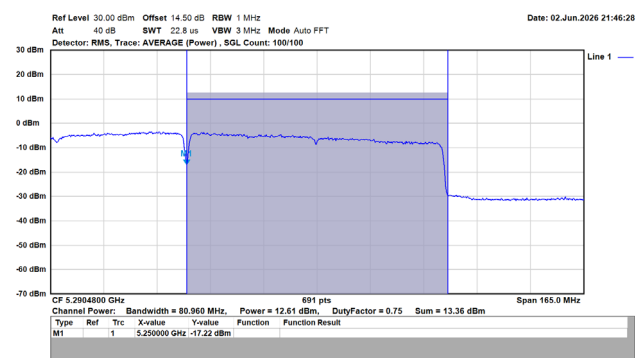
802.11be/160MHz/MCS0/5250MHz/Ch50/Ant.3 (UNII-2A)



802.11be/160MHz/MCS0/5250MHz/Ch50/Ant.4 (UNII-1)



802.11be/160MHz/MCS0/5250MHz/Ch50/Ant.4 (UNII-2A)



Appendix D. Test Result of Maximum Power Spectral Density

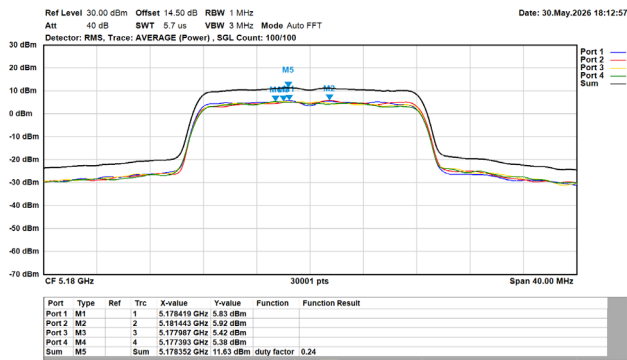
Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/MHz)					Limit (dBm/MHz)	Result
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Total		
802.11a (20MHz)	5180	5.83	5.92	5.42	5.38	11.63	12.59	Pass
	5220	6.01	5.43	5.03	6.33	11.67	12.59	Pass
	5240	5.17	5.62	5.41	6.43	11.65	12.59	Pass
	5260	-0.69	-0.37	-0.07	-0.29	5.82	6.53	Pass
	5300	-0.40	0.82	-1.12	-0.60	5.80	6.53	Pass
	5320	-0.61	0.39	-0.68	-0.97	5.79	6.53	Pass
	5500	-0.37	-0.57	-0.11	0.16	5.86	6.04	Pass
	5580	-0.35	-0.33	0.40	0.03	5.90	6.04	Pass
	5700	0.80	-0.28	-0.54	-0.31	5.83	6.04	Pass
	5720 UNII-2C	0.94	-0.69	0.15	-0.33	5.90	6.04	Pass
802.11be (20MHz)	5180	5.61	5.00	5.36	5.28	11.86	12.59	Pass
	5220	5.39	5.11	4.78	5.39	11.82	12.59	Pass
	5240	5.49	5.64	4.16	5.27	11.79	12.59	Pass
	5260	-1.84	-1.05	-0.68	-0.54	5.76	6.53	Pass
	5300	-1.31	-0.07	-1.49	-1.27	5.83	6.53	Pass
	5320	-0.83	0.32	-0.58	-0.98	5.90	6.53	Pass
	5500	-0.74	-0.60	-0.70	-0.95	5.94	6.04	Pass
	5580	-1.11	-0.74	-0.95	-1.09	5.73	6.04	Pass
	5700	0.24	-1.75	-1.10	-0.67	5.79	6.04	Pass
	5720 UNII-2C	0.08	-1.73	-1.14	-0.93	5.84	6.04	Pass
802.11be (40MHz)	5190	3.39	2.95	2.77	3.46	9.74	12.59	Pass
	5230	4.93	5.22	4.88	5.99	11.70	12.59	Pass
	5270	-0.83	-0.18	-1.40	-0.23	5.74	6.53	Pass
	5310	-0.38	-0.31	-0.93	-1.18	5.81	6.53	Pass
	5510	-0.35	-0.34	-0.77	-1.21	5.80	6.04	Pass
	5550	-1.41	-0.42	-0.53	-0.32	5.69	6.04	Pass
	5670	-0.03	-0.97	-0.96	-1.14	5.93	6.04	Pass
	5710 UNII-2C	-0.13	-0.56	-0.76	-0.92	5.79	6.04	Pass
802.11be (80MHz)	5210	-1.48	-1.32	-1.81	-1.47	4.85	12.59	Pass
	5290	-0.20	-0.06	-0.31	-0.73	5.69	6.53	Pass
	5530	-0.76	-0.53	-0.37	-0.73	5.80	6.04	Pass
	5610	-0.32	0.08	-0.78	-0.54	5.81	6.04	Pass
	5690 UNII-2C	0.49	-0.73	-0.93	-0.94	5.81	6.04	Pass
802.11be (160MHz)	5250 UNII-1	-4.32	-3.51	-4.34	-3.48	2.34	12.59	Pass
	5250 UNII-2A	-3.76	-3.85	-4.58	-4.05	2.03	6.53	Pass
	5570	-3.67	-1.94	-2.55	-3.36	3.55	6.04	Pass

Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/500kHz)					Limit (dBm/500kHz)	Result
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Total		
802.11a (20MHz)	5720 UNII-3	-3.20	-5.05	-4.61	-4.60	1.69	25.50	Pass
	5745	9.41	8.86	8.70	8.67	14.93	25.50	Pass
	5785	9.77	8.46	8.88	8.70	14.97	25.50	Pass
	5825	9.03	8.58	8.83	8.21	14.60	25.50	Pass
802.11be (20MHz)	5720 UNII-3	-4.02	-6.23	-5.64	-4.86	1.52	25.50	Pass
	5745	8.76	8.32	7.70	7.84	14.59	25.50	Pass
	5785	8.83	7.67	7.83	7.12	14.22	25.50	Pass
	5825	7.85	8.62	7.75	7.88	14.59	25.50	Pass
802.11be (40MHz)	5710 UNII-3	-5.88	-7.18	-6.70	-7.22	-0.02	25.50	Pass
	5755	6.92	5.88	5.60	4.74	12.15	25.50	Pass
	5795	6.19	5.34	5.50	5.18	11.81	25.50	Pass
802.11be (80MHz)	5690 UNII-3	-6.48	-7.39	-7.65	-7.52	-0.83	25.50	Pass
	5775	4.07	3.03	3.28	2.31	9.46	25.50	Pass

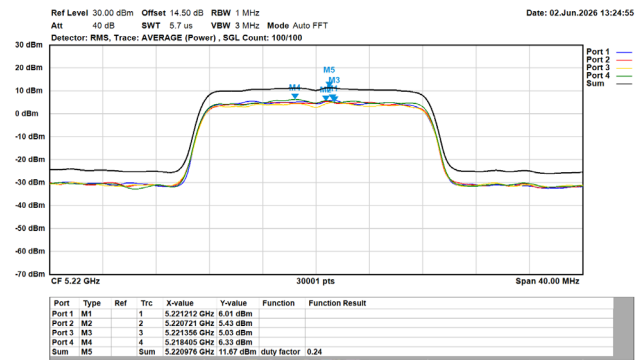
Note:

- Total power spectral density = power spectral density + duty factor, and the duty factor refer to section 2.3.
- Directional Gain = $10 \log [(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{Ant}]$
 - U-NII-1 Directional Gain = 10.41dBi > 6dBi, so limit = $17 - (10.41 - 6) = 12.59 \text{ dBm/MHz}$.
 - U-NII-2A Directional Gain = 10.47dBi > 6dBi, so limit = $11 - (10.47 - 6) = 6.53 \text{ dBm/MHz}$.
 - U-NII-2C Directional Gain = 10.96dBi > 6dBi, so limit = $11 - (10.96 - 6) = 6.04 \text{ dBm/MHz}$.
 - U-NII-3 Directional Gain = 10.50dBi > 6dBi, so limit = $30 - (10.50 - 6) = 25.50 \text{ dBm/500kHz}$.

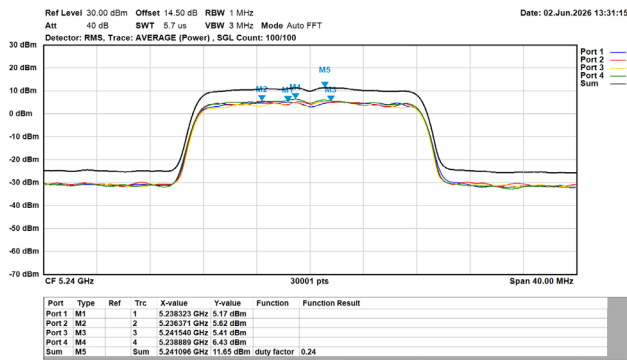
802.11a/20MHz/6M/5180MHz/Ch36



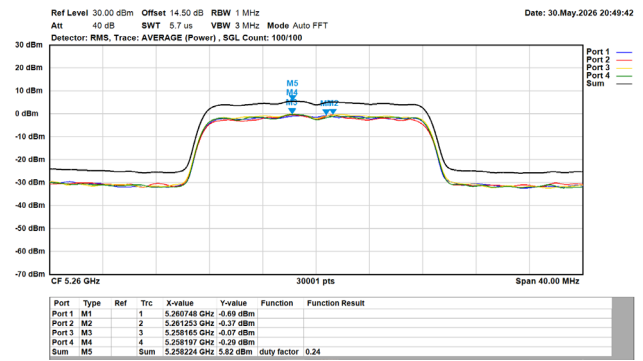
802.11a/20MHz/6M/5220MHz/Ch44



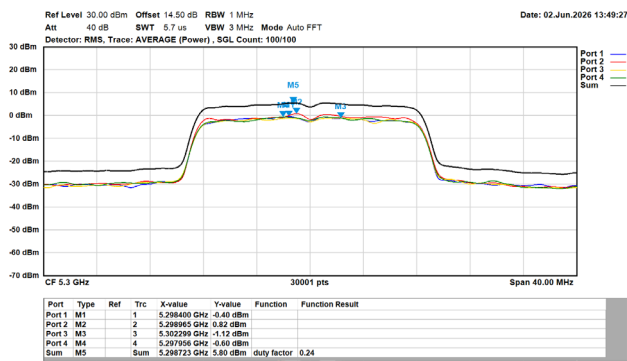
802.11a/20MHz/6M/5240MHz/Ch48



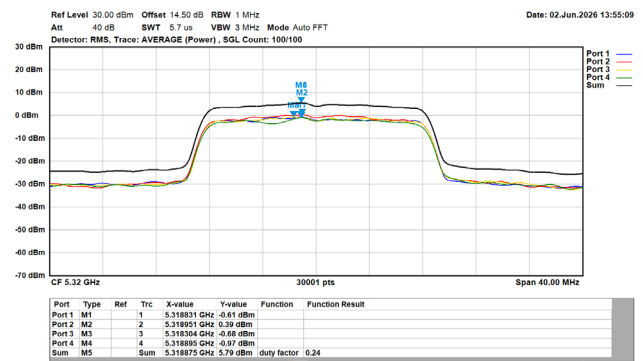
802.11a/20MHz/6M/5260MHz/Ch52



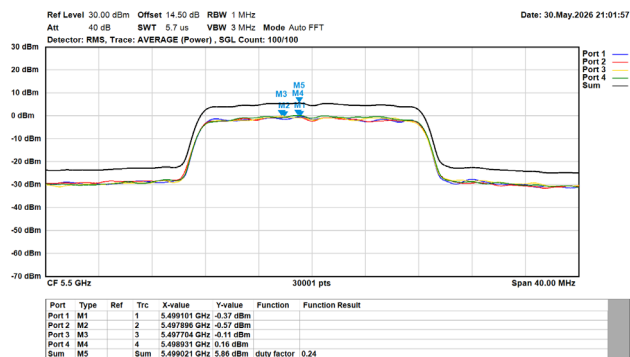
802.11a/20MHz/6M/5300MHz/Ch60



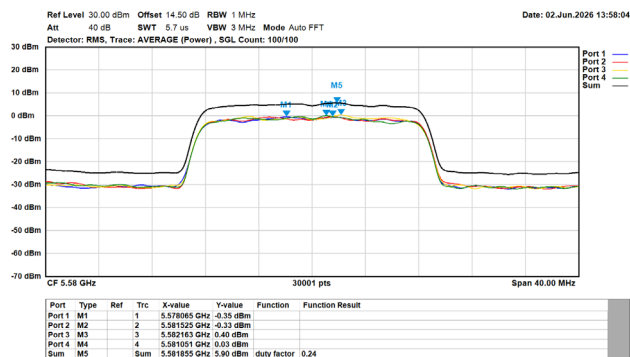
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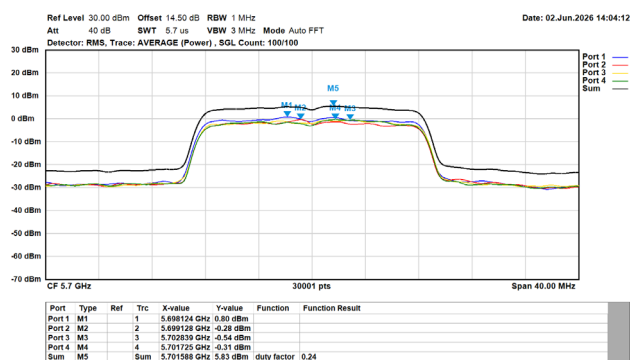
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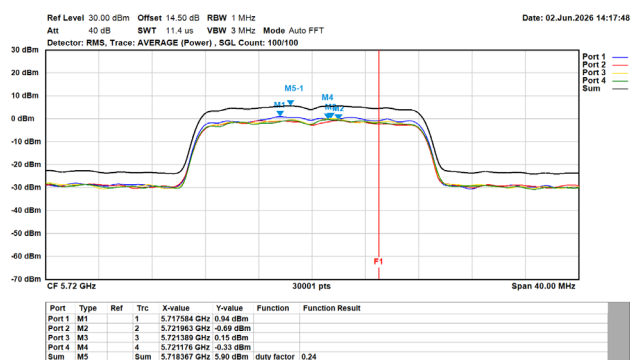
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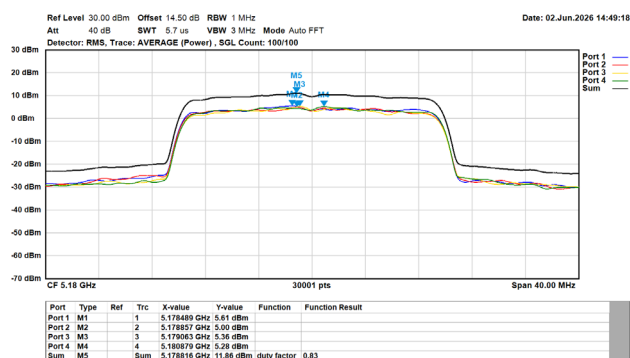
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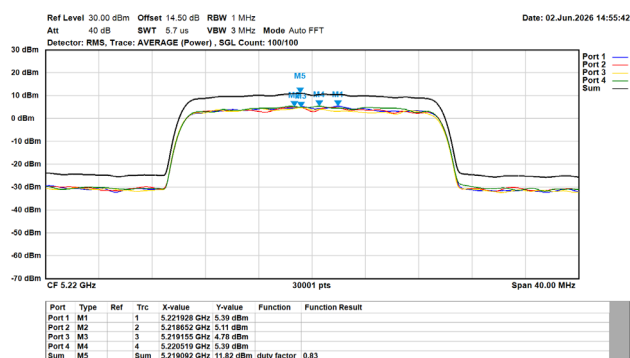
802.11a/20MHz/6M/5720MHz/Ch144 (UNII-2C)



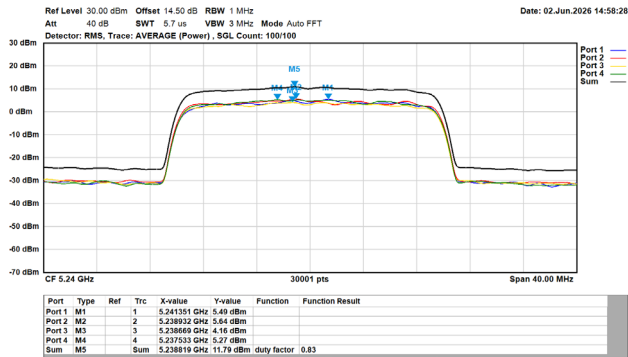
802.11be/20MHz/MCS0/5180MHz/Ch36



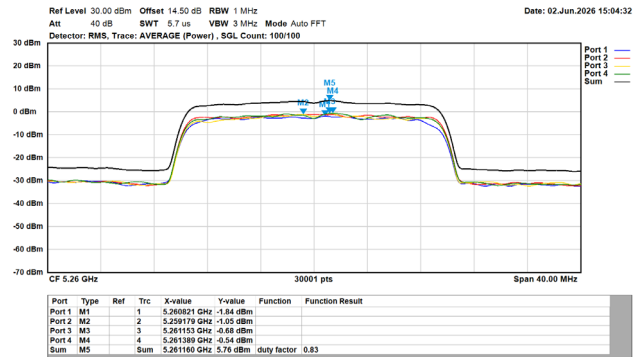
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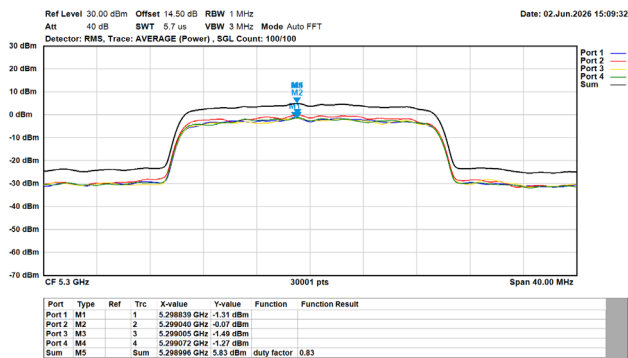
802.11be/20MHz/MCS0/5240MHz/Ch48



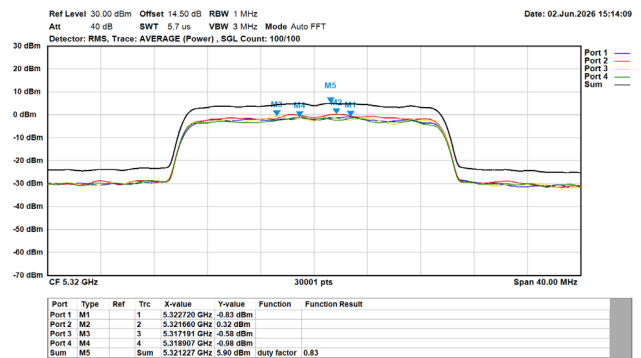
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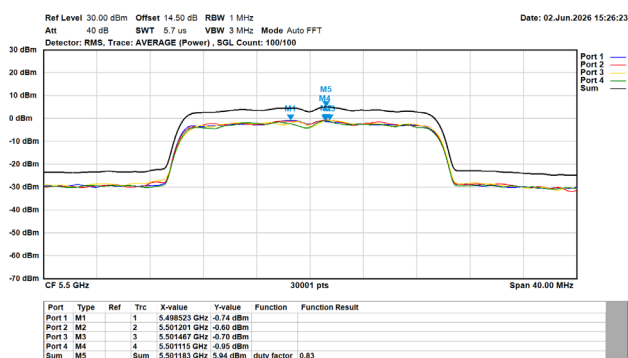
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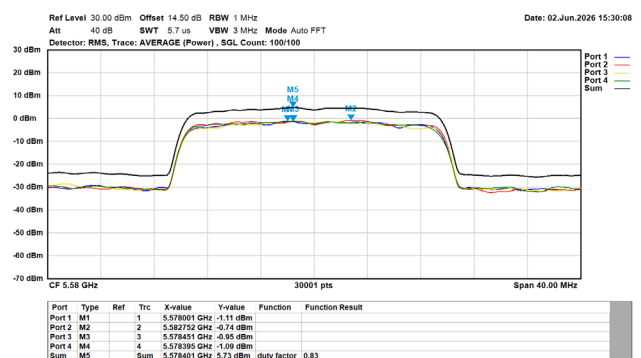
802.11be/20MHz/MCS0/5320MHz/Ch64



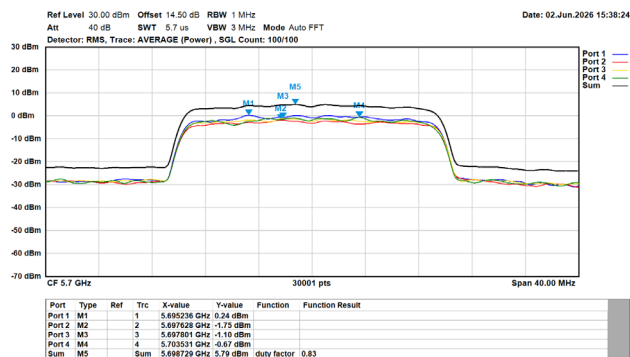
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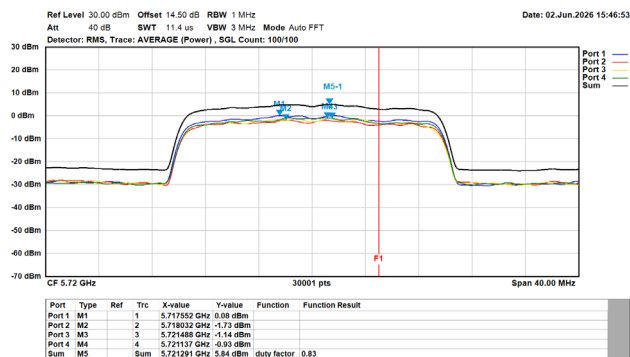
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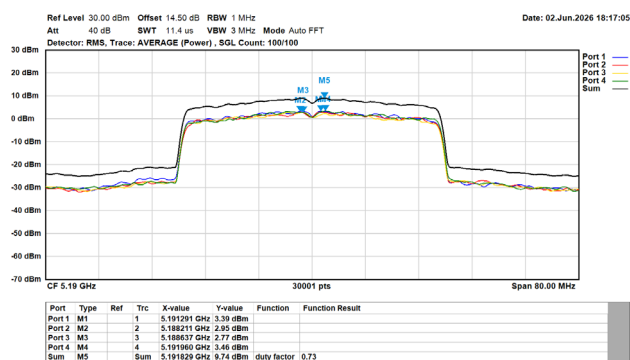
802.11be/20MHz/MCS0/5700MHz/Ch140



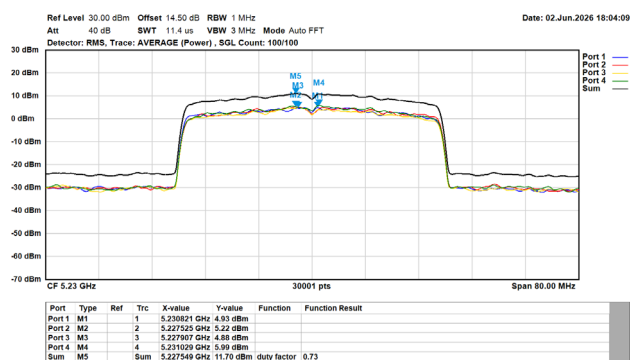
802.11be/20MHz/MCS0/5720MHz/Ch144 (UNII-2C)



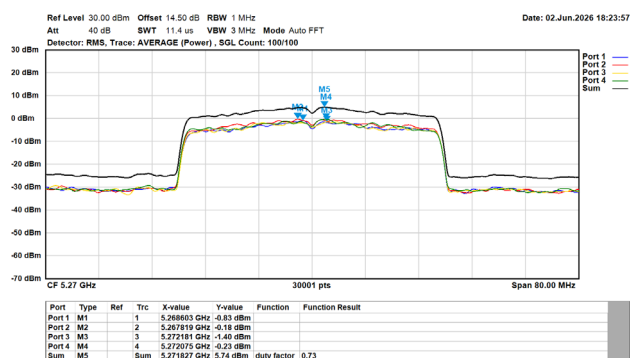
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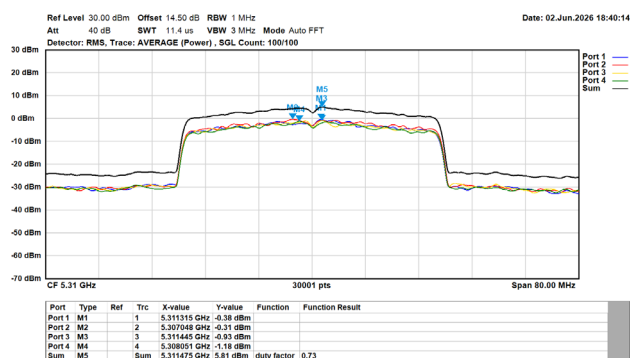
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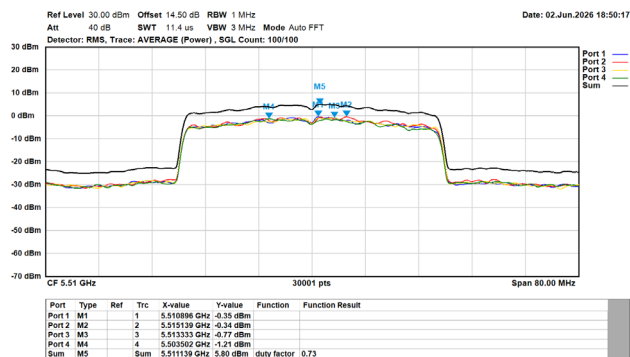
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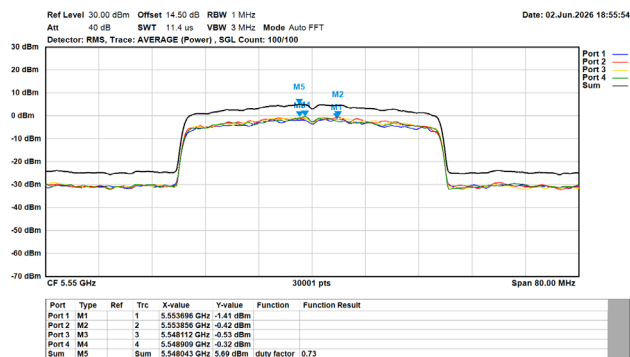
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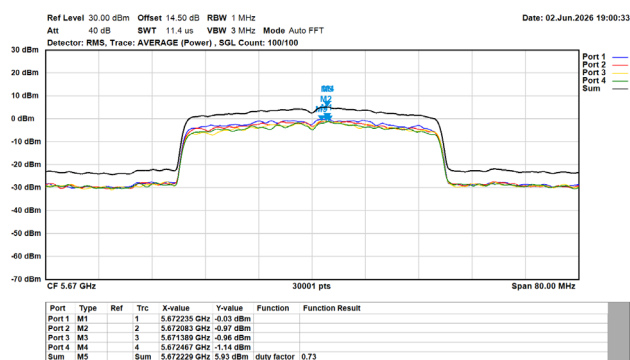
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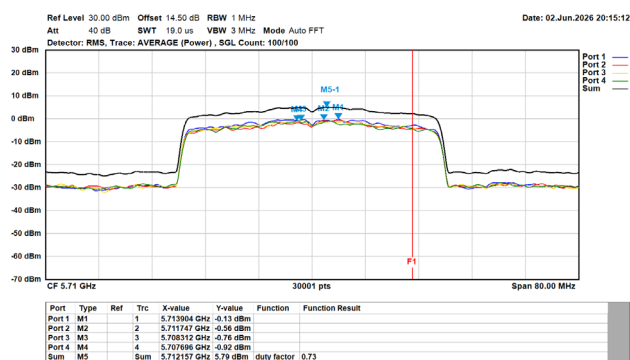
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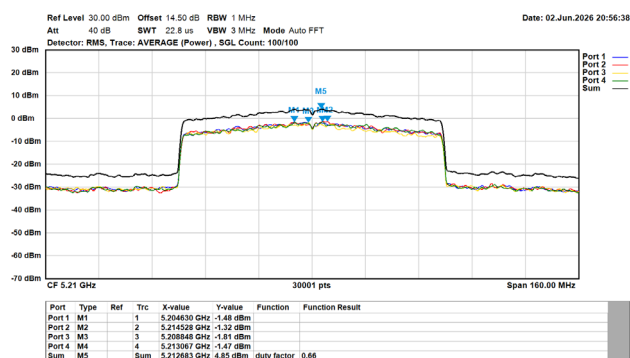
802.11be/40MHz/MCS0/5670MHz/Ch134



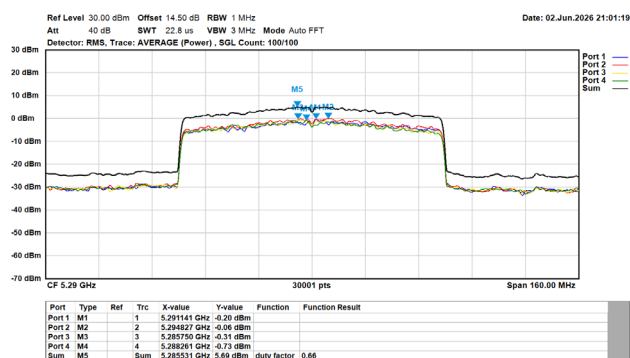
802.11be/40MHz/MCS0/5710MHz/Ch142 (UNII-2C)



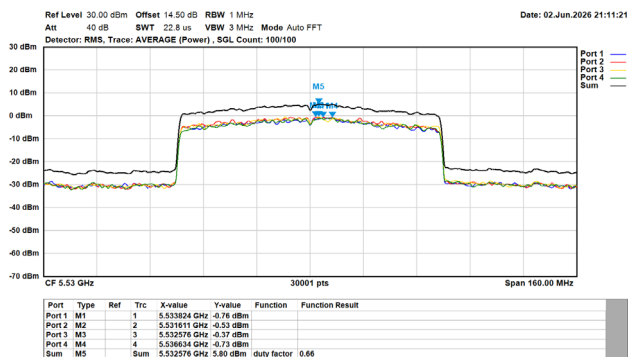
802.11be/80MHz/MCS0/5210MHz/Ch42



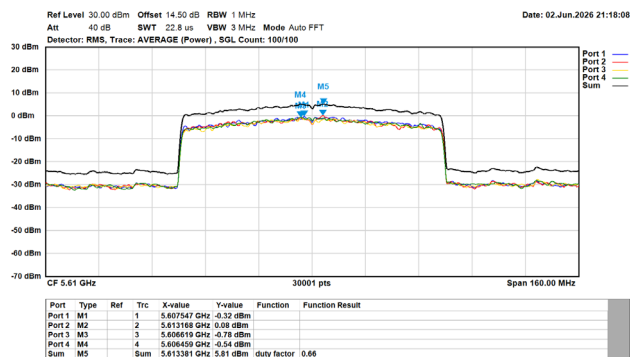
802.11be/80MHz/MCS0/5290MHz/Ch58



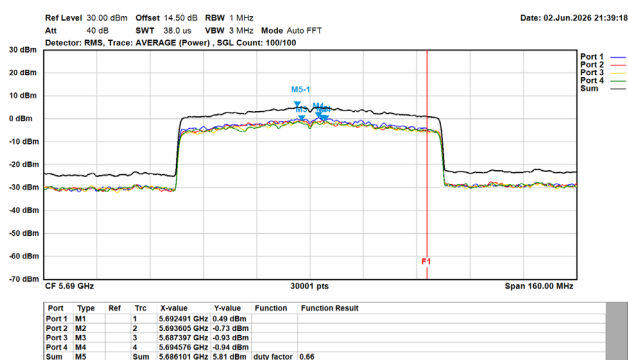
802.11be/80MHz/MCS0/5530MHz/Ch106



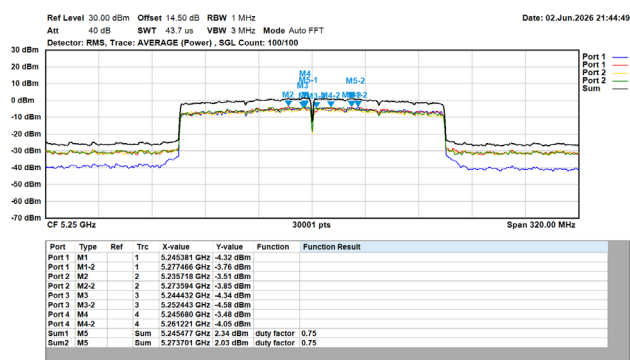
802.11be/80MHz/MCS0/5610MHz/Ch122



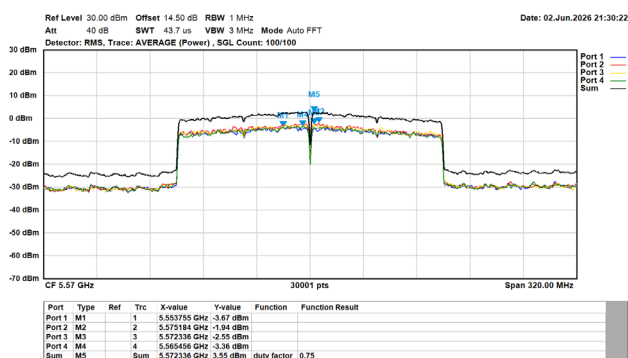
802.11be/80MHz/MCS0/5690MHz/Ch138 (UNII-2C)



802.11be/160MHz/MCS0/5250MHz/Ch50 (UNII-1)



802.11be/160MHz/MCS0/5570MHz/Ch114



802.11a/20MHz/6M/5720MHz/Ch144 (UNII-3)

