

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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Fax: +886 2 26099303

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2024/06/28 ~ 08/10	Temp./Hum.	24 ~ 26°C/55 ~ 57%
Cable Loss	0.5dB	Tested By	Harry Huang
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

A.3.1 DTS/Occupied Bandwidth Result

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)		Occupied (99%) Bandwidth (MHz)		Limit
		AUX	Main	AUX	Main	
802.11b	2412	8.577	9.069	13.454	13.452	>500kHz
	2442	8.113	9.014	13.459	13.404	
	2462	8.578	9.073	13.477	13.412	
	2472	9.070	9.041	13.477	13.424	
802.11g	2412	15.13	15.16	16.681	16.605	
	2442	15.16	15.17	16.766	16.646	
	2472	16.38	16.38	16.394	16.390	
802.11n-HT20	2412	15.17	16.30	17.794	17.762	
	2442	15.50	16.28	17.790	17.776	
	2457	15.10	15.68	17.802	17.790	
	2472	17.63	17.64	17.591	17.607	
802.11n-HT40	2422	32.93	35.15	36.002	36.089	
	2442	35.14	35.14	36.142	36.101	
	2462	36.43	36.42	36.249	36.216	
802.11ax-HE20	2412	16.70	15.20	18.883	18.963	
	2442	16.13	16.53	18.950	18.921	
	2472	18.75	18.46	18.771	18.762	
802.11ax-HE40	2422	35.90	36.43	37.585	37.611	
	2442	36.77	36.39	37.653	37.549	
	2462	37.63	37.95	37.668	37.681	
802.11be-EHT20	2412	17.58	17.45	18.909	18.921	
	2442	18.15	15.95	18.936	18.909	
	2472	18.75	18.47	18.746	18.748	
802.11be-EHT40	2422	33.34	37.29	37.387	37.651	
	2442	36.10	36.00	37.616	37.553	
	2462	37.78	37.71	37.651	37.637	

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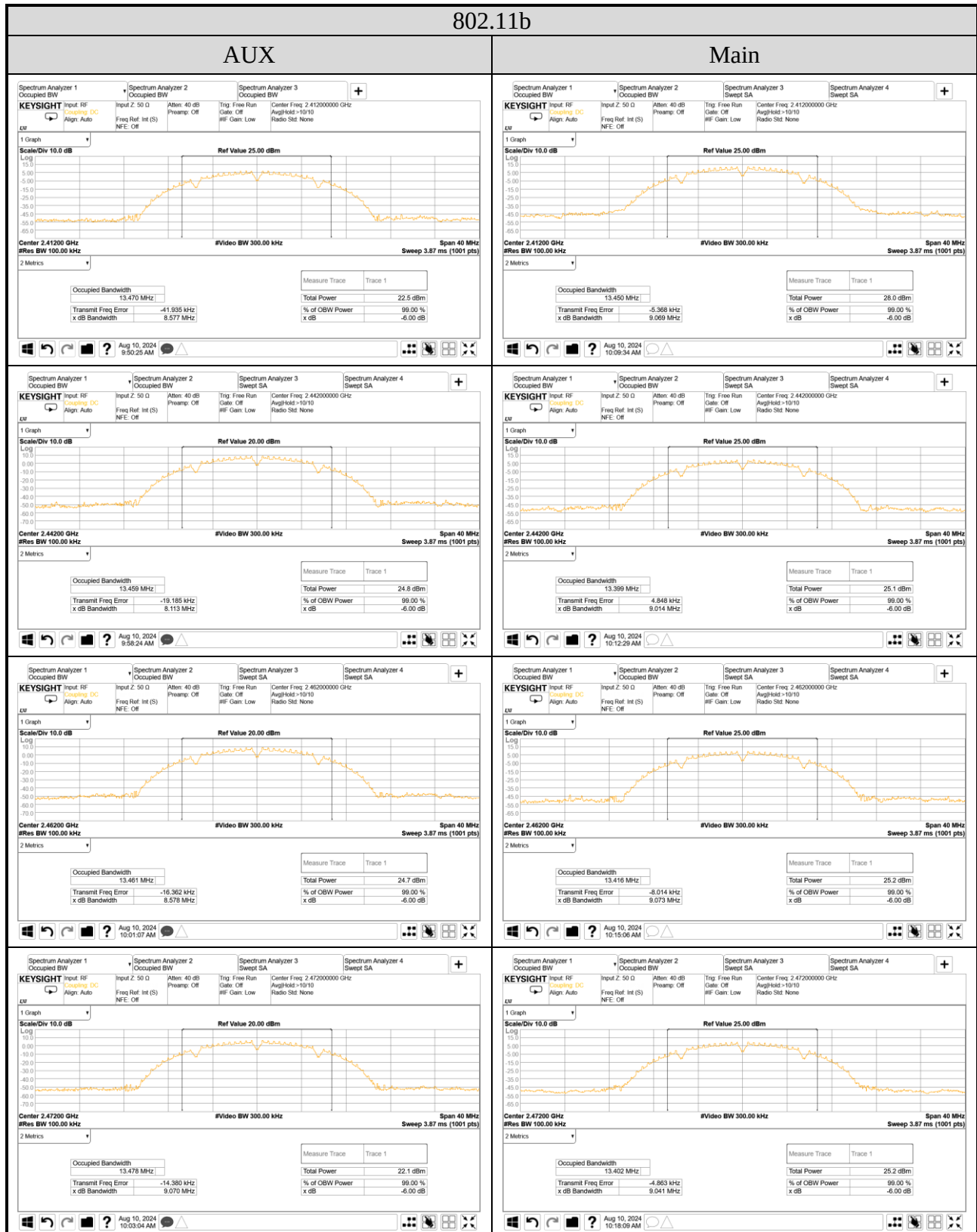
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Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1Mbps)	2402	0.6607	1.0069	>500kHz
	2440	0.6614	1.0084	
	2480	0.6617	1.0076	
BLE (2Mbps)	2402	1.182	2.0145	>500kHz
	2440	1.184	2.0166	
	2480	1.184	2.0167	
BLE (PHY Coded S2)	2402	0.6596	1.0078	>500kHz
	2440	0.6601	1.0078	
	2480	0.6597	1.0100	
BLE (PHY Coded S8)	2402	0.6779	1.0352	>500kHz
	2440	0.6817	1.0372	
	2480	0.6812	1.0385	

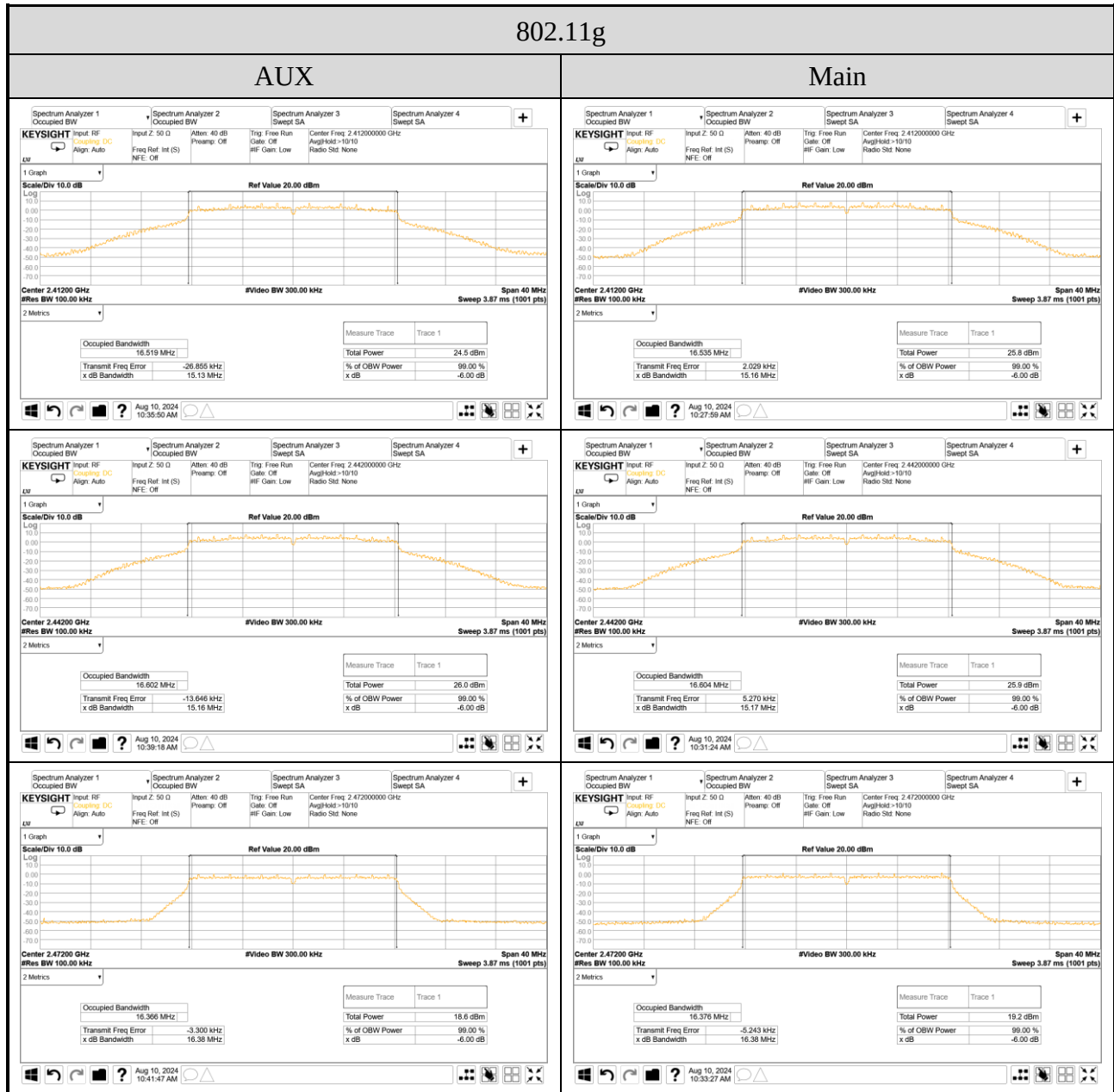
A.3.2 Measurement Plots

● DTS (6dB) Bandwidth



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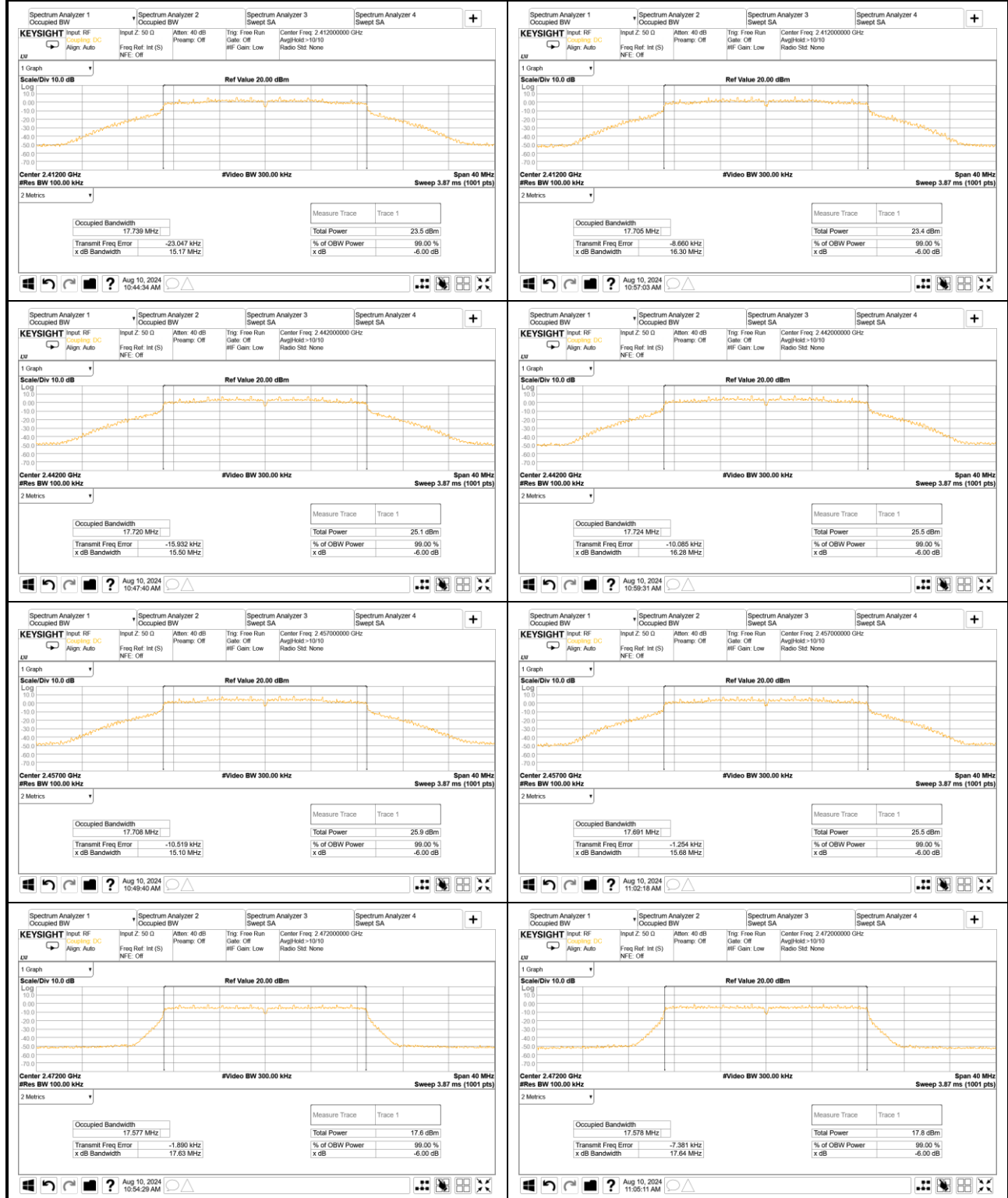
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802.11n-HT20

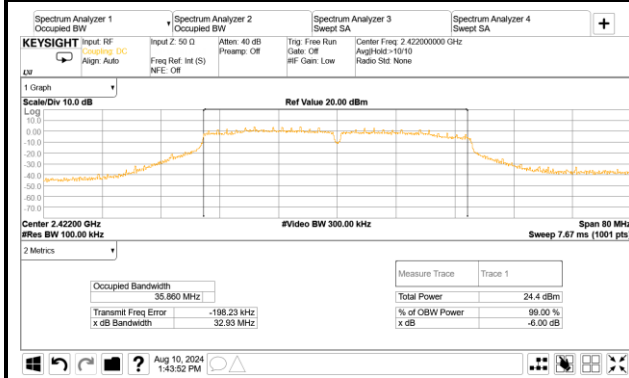
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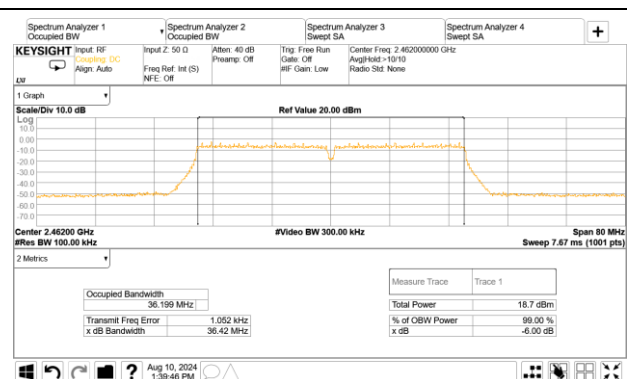
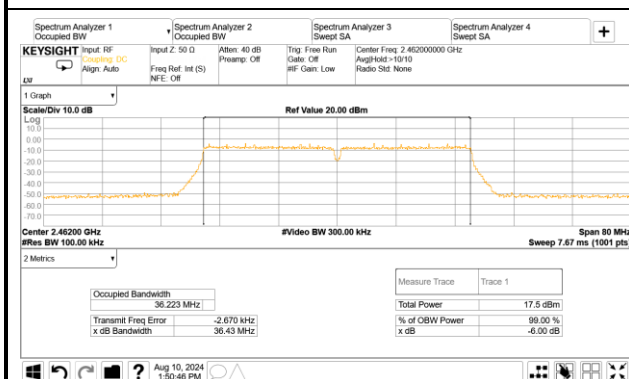
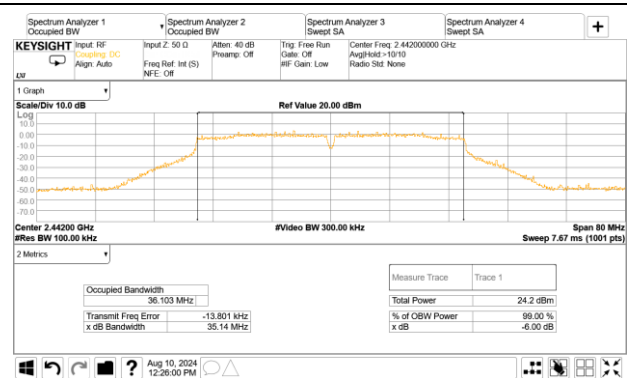
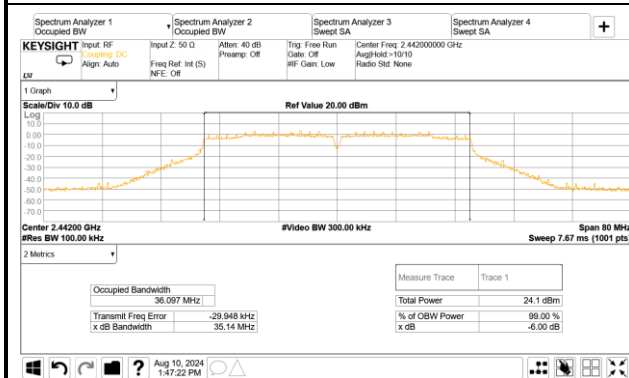
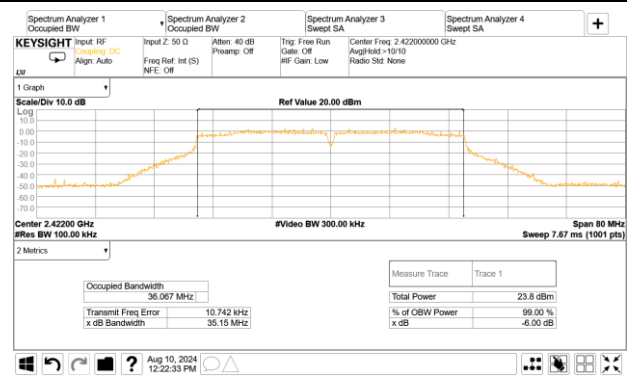


802.11n-HT40

AUX

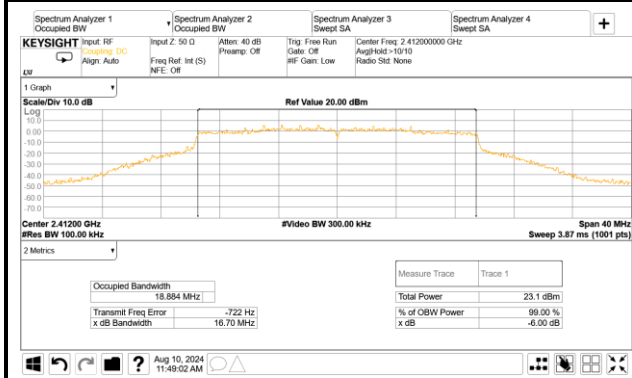


Main

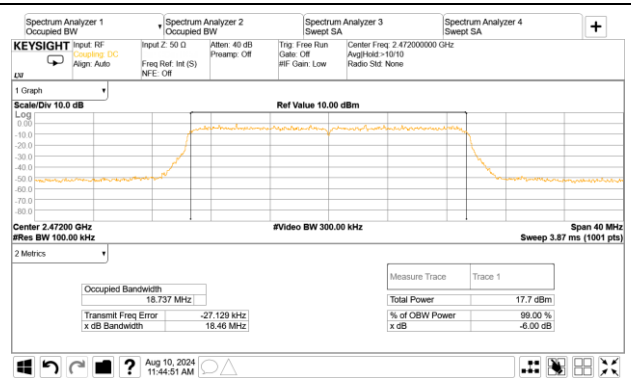
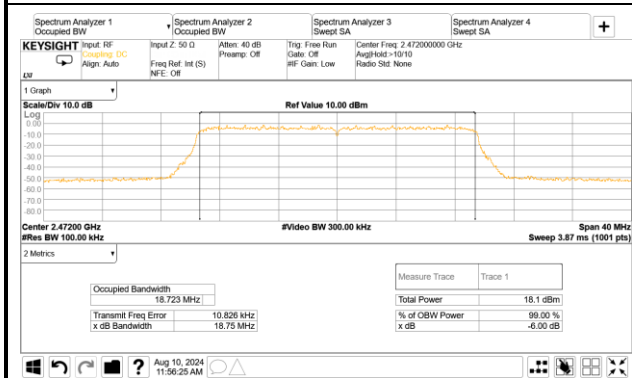
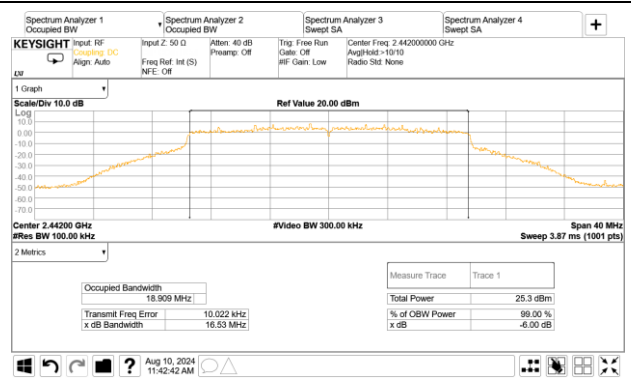
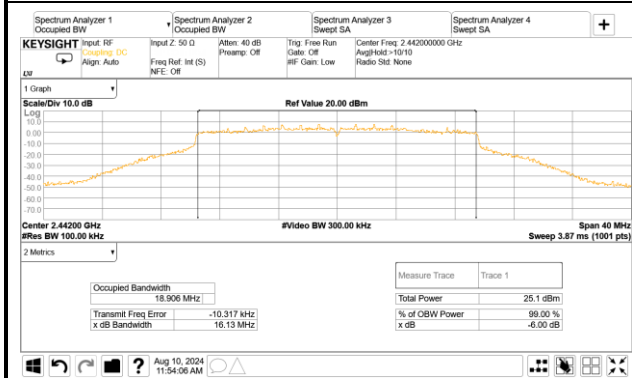
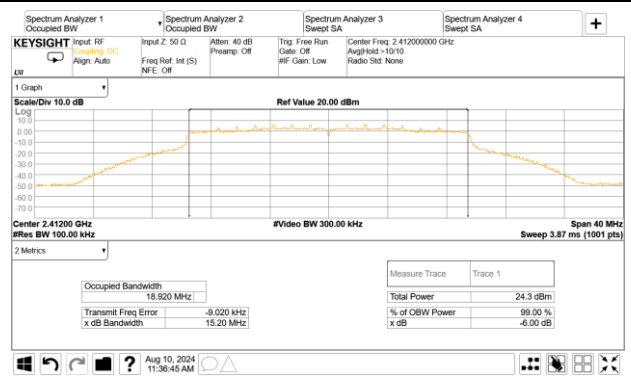


802.11ax-HE20

AUX



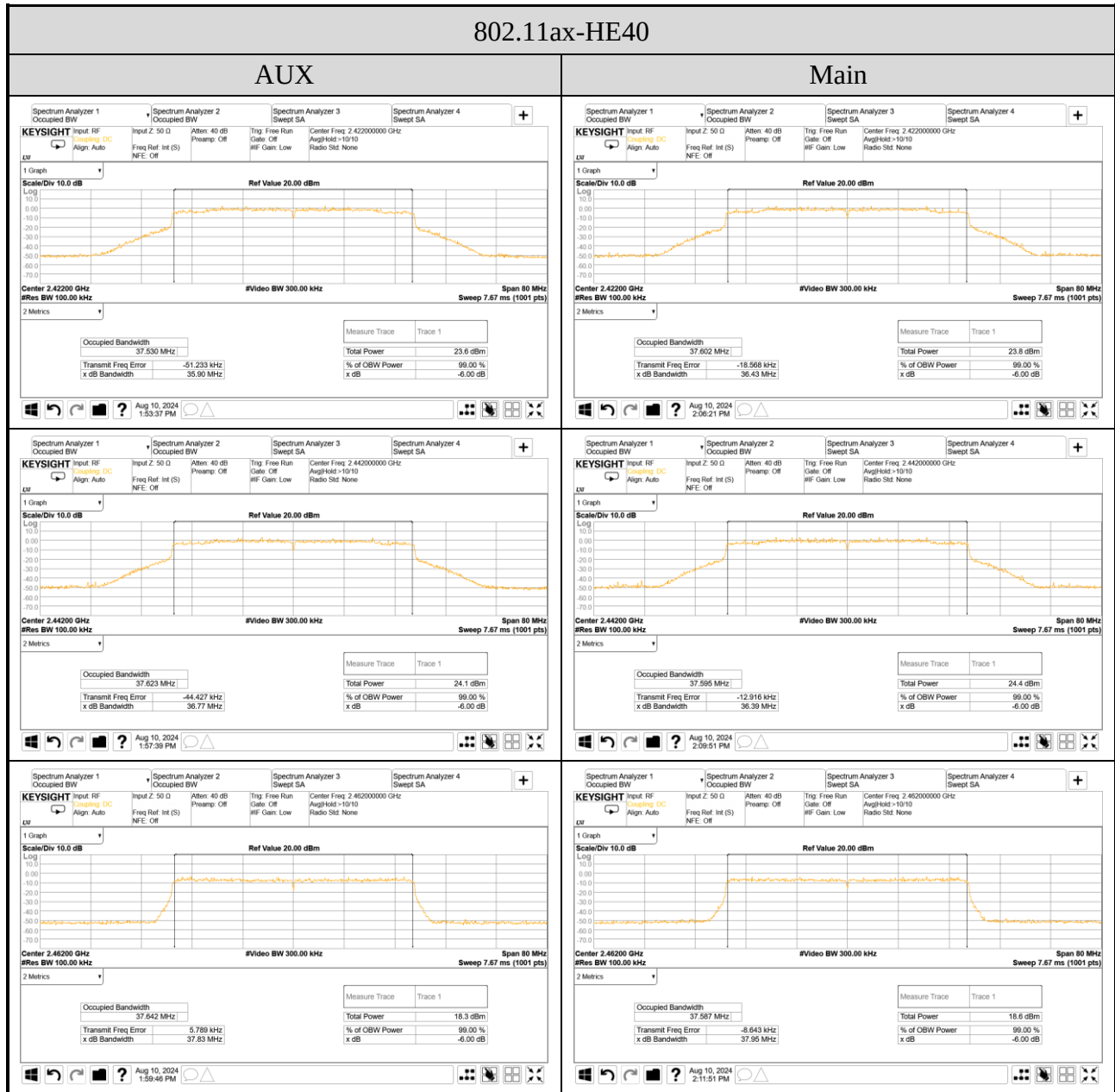
Main



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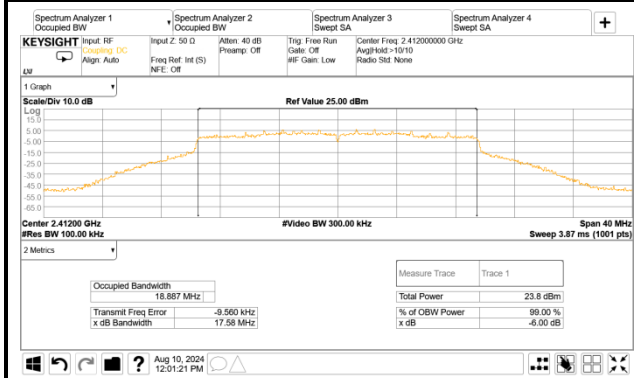
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802.11ax-HE40

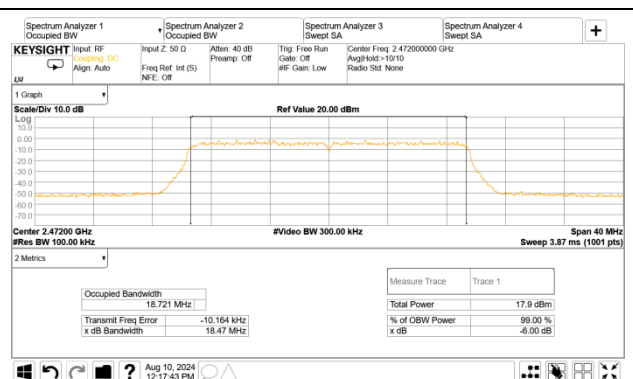
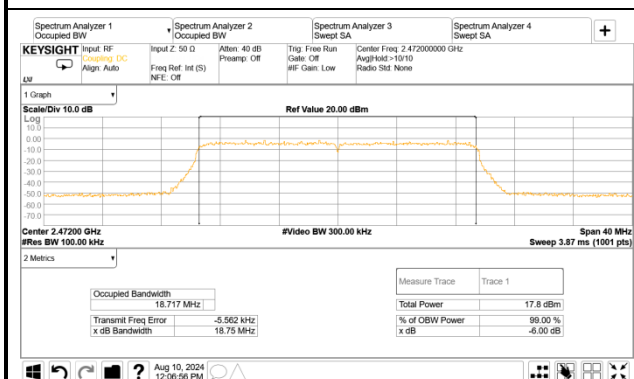
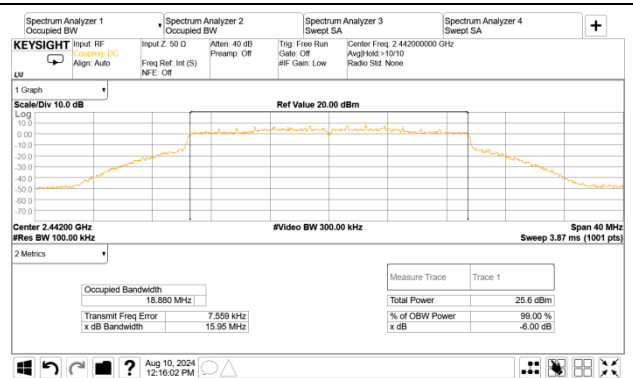
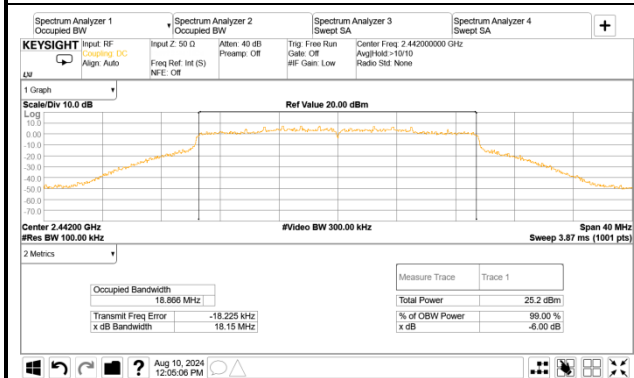
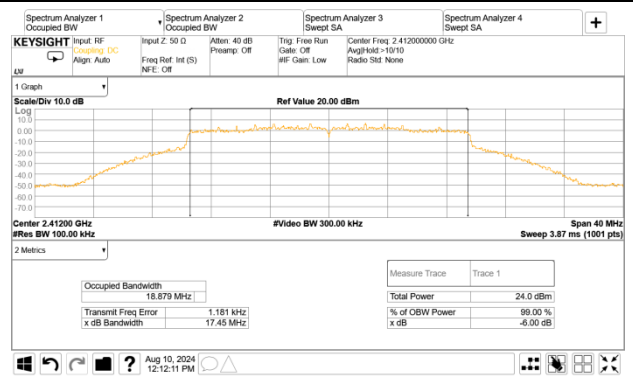


802.11be-HET20

AUX

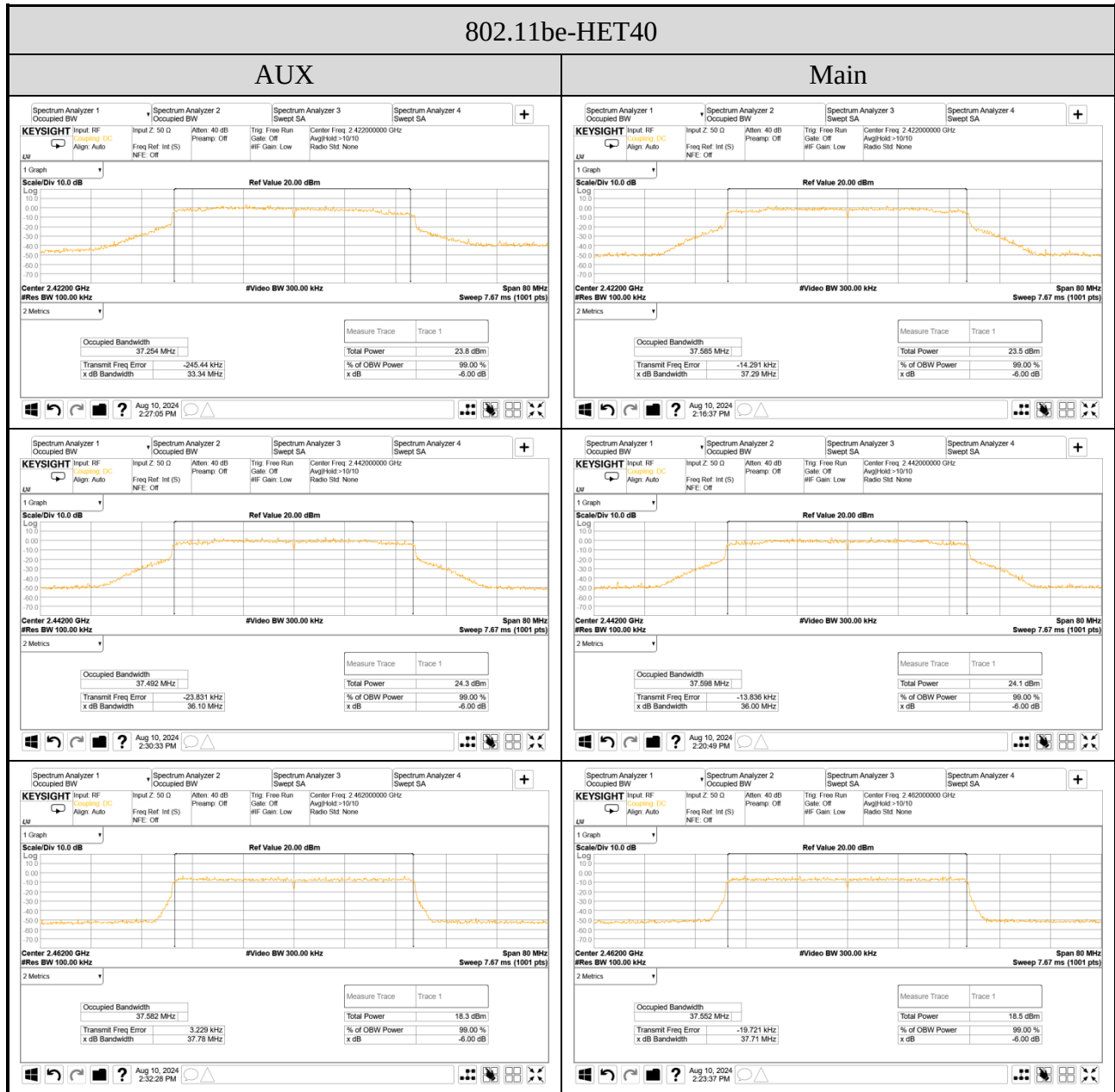


Main



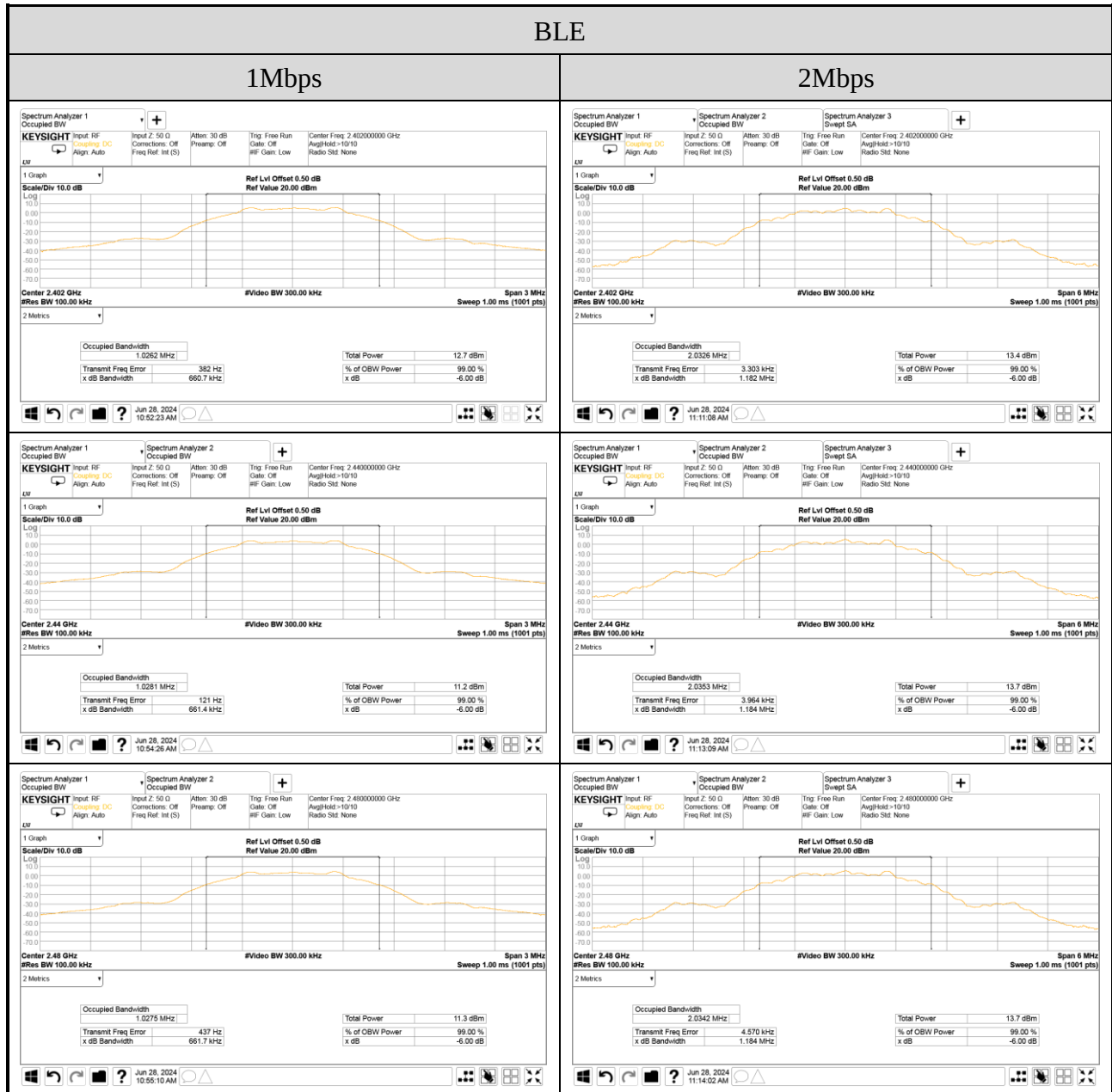
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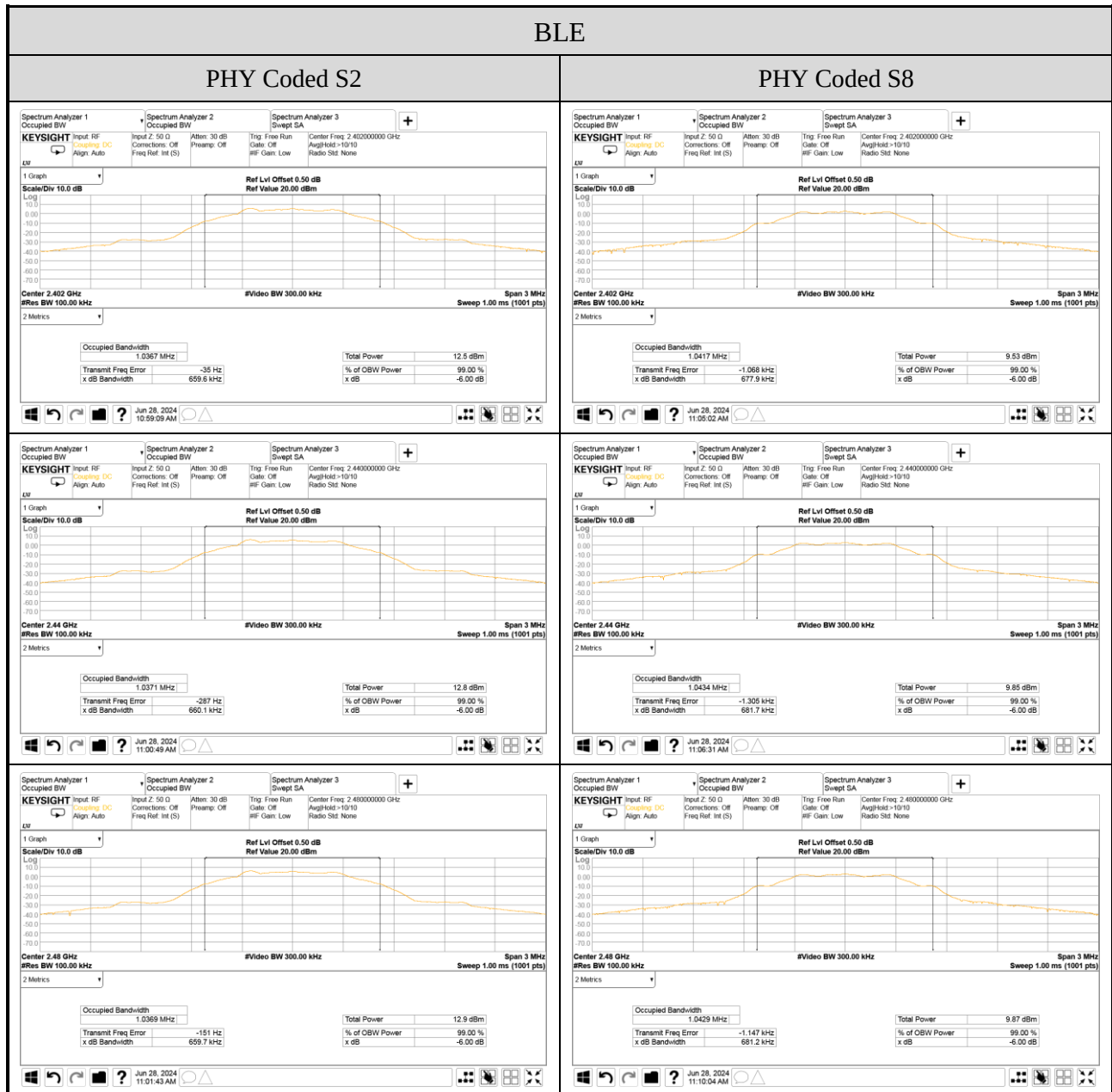
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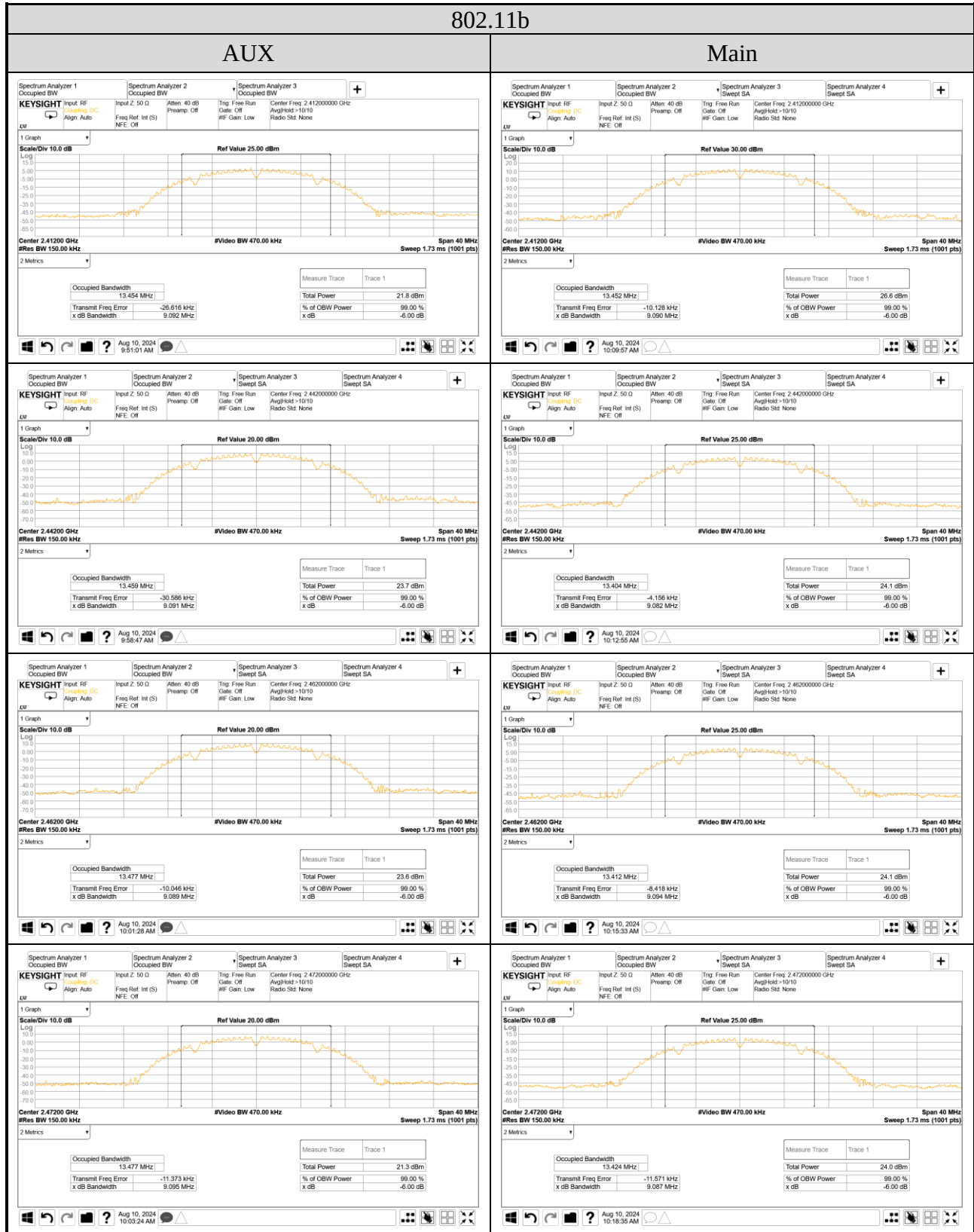
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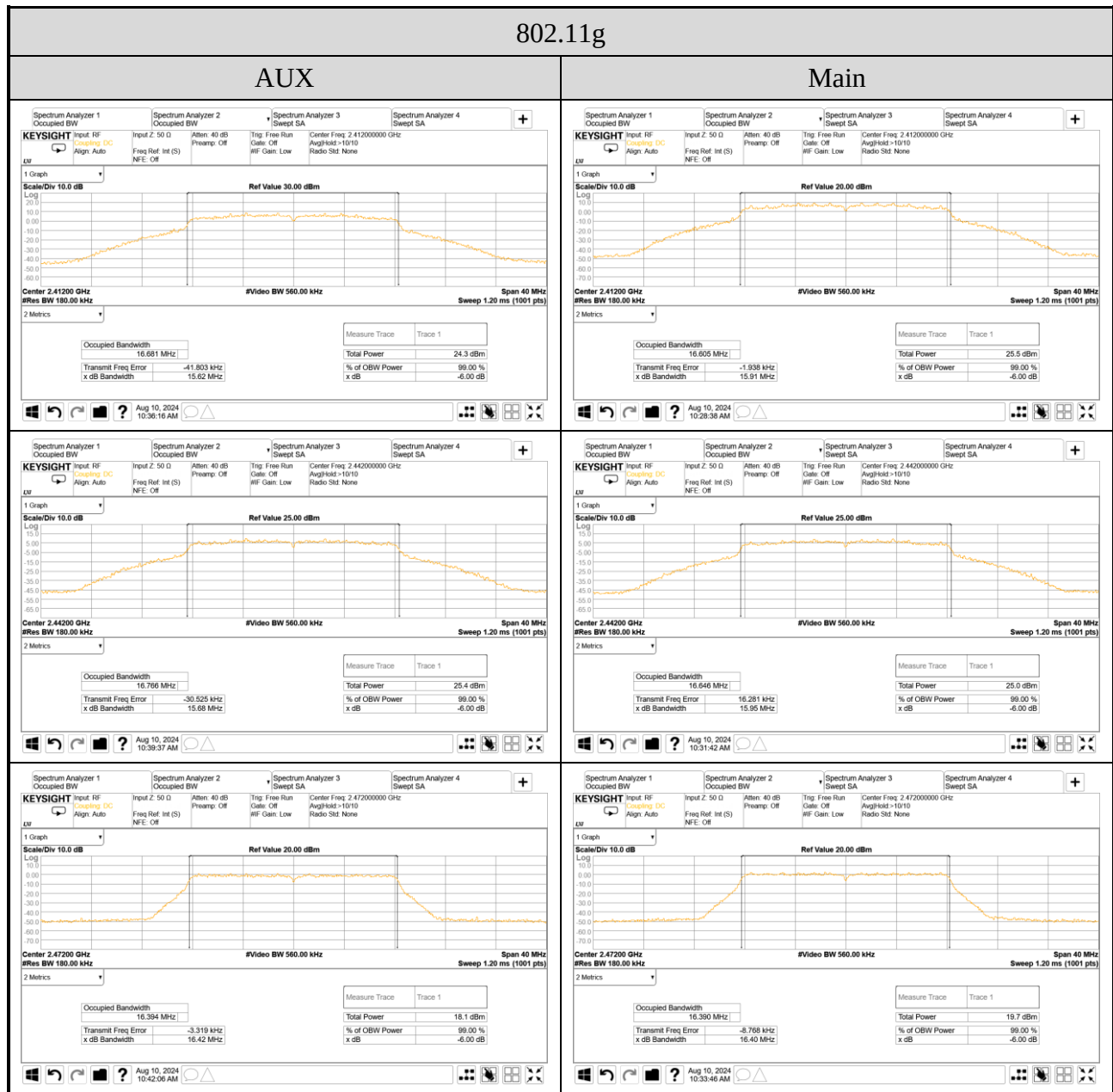


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● Occupied (99%) Bandwidth

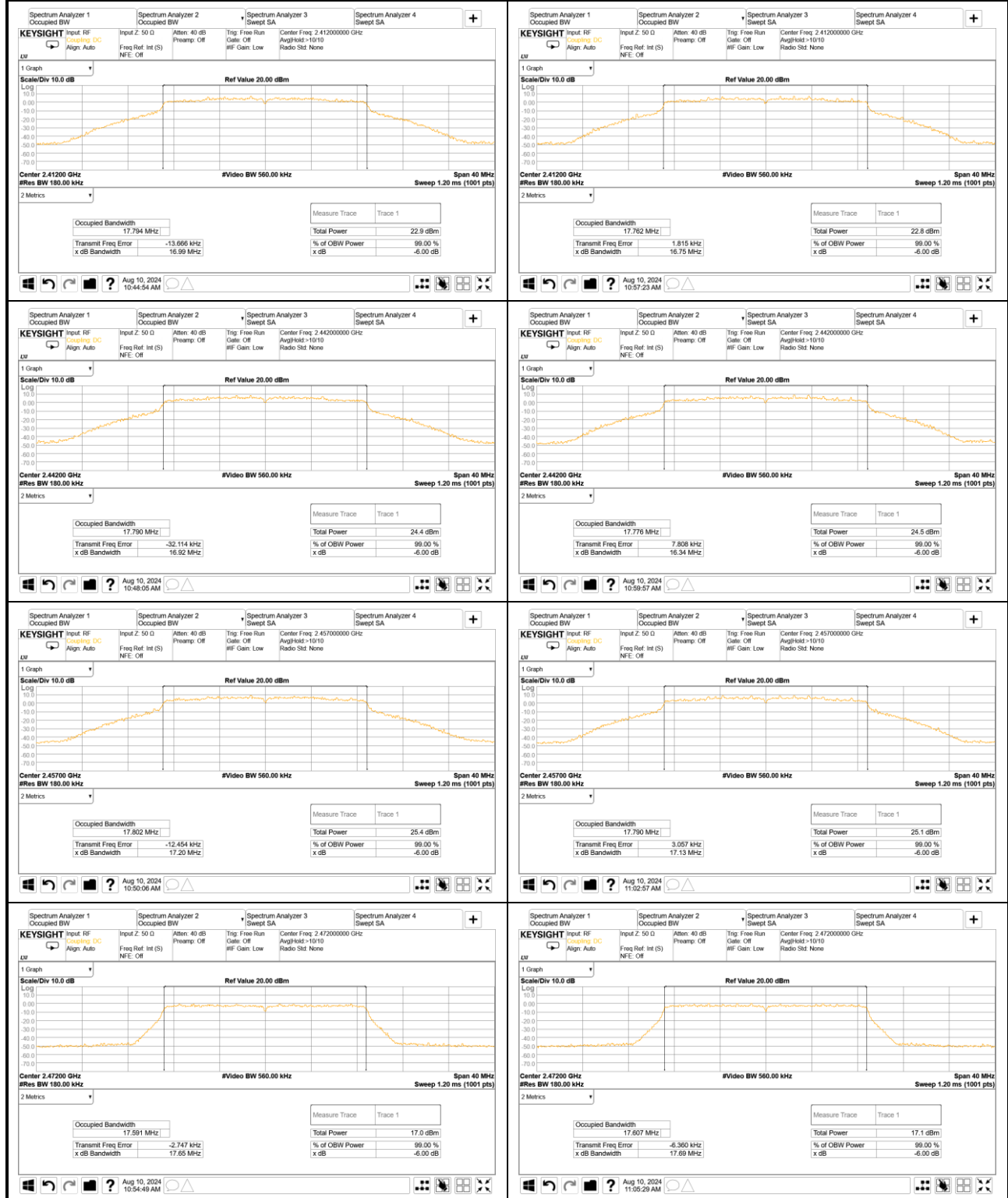




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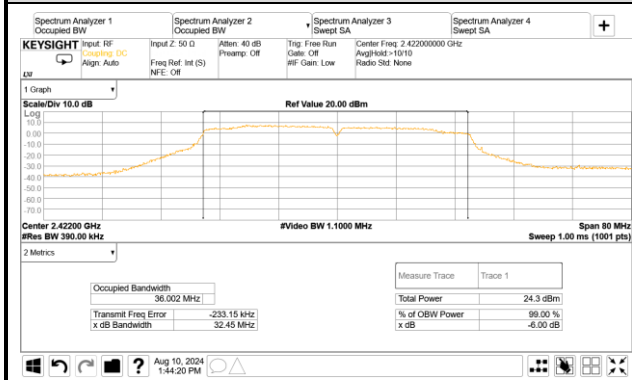
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Main

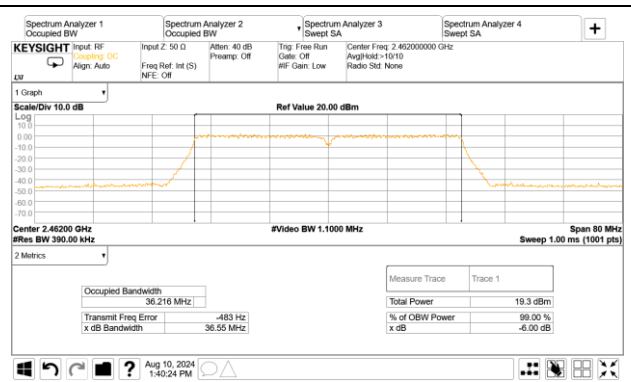
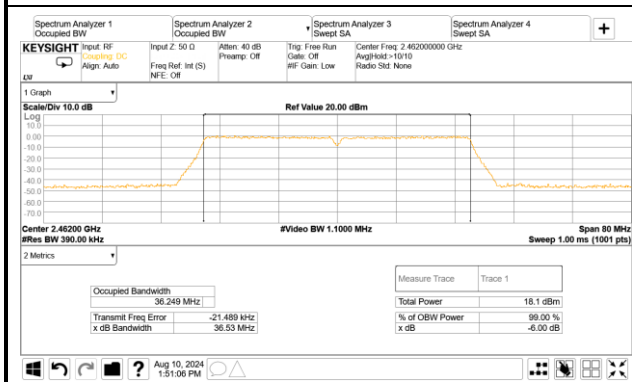
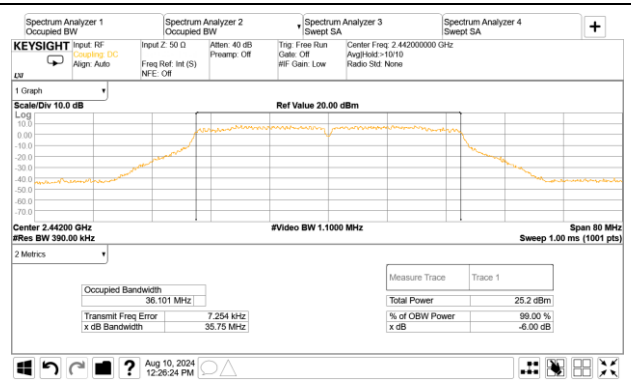
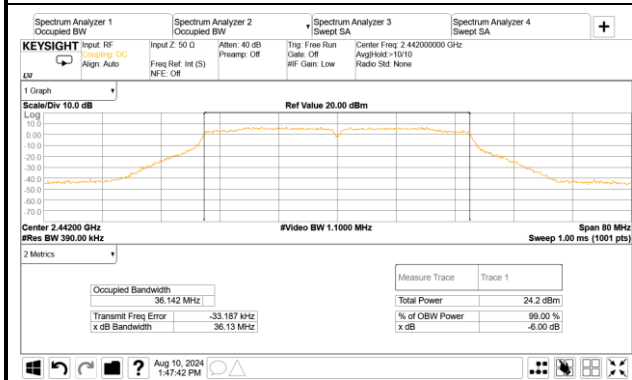
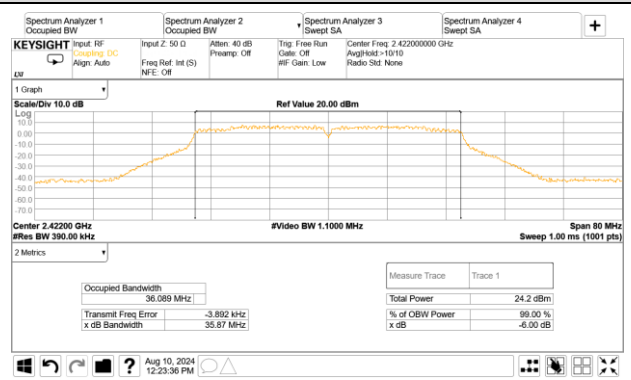


802.11n-HT40

AUX



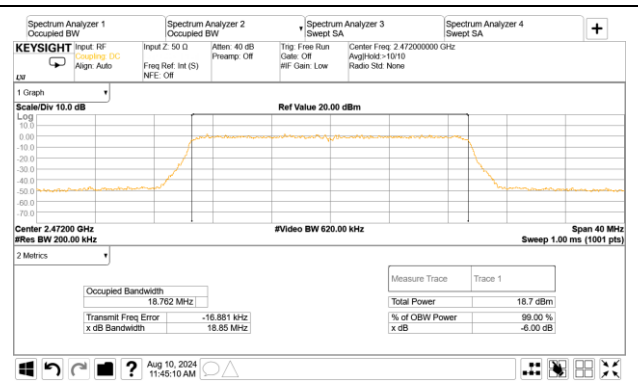
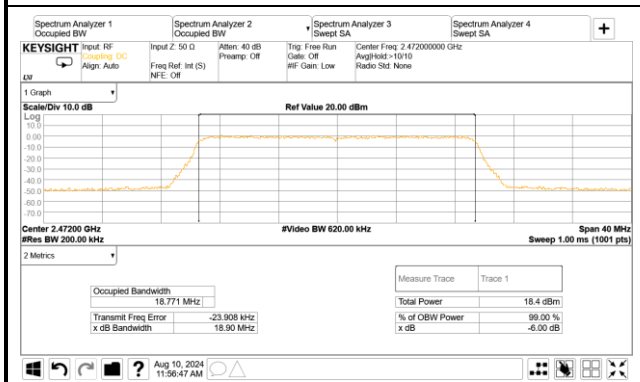
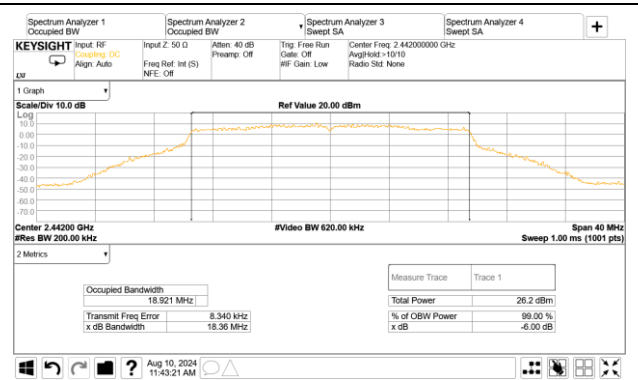
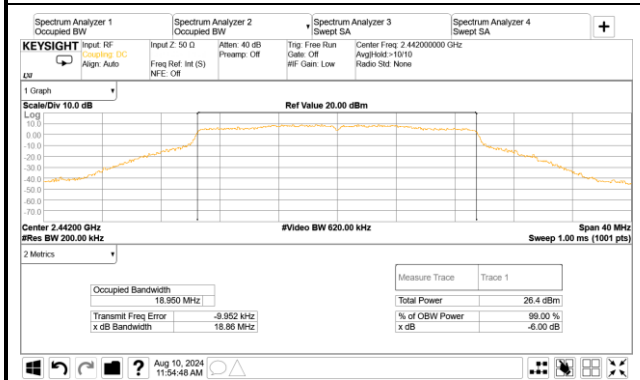
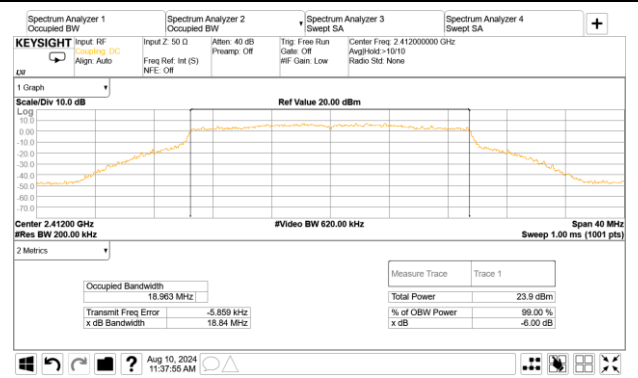
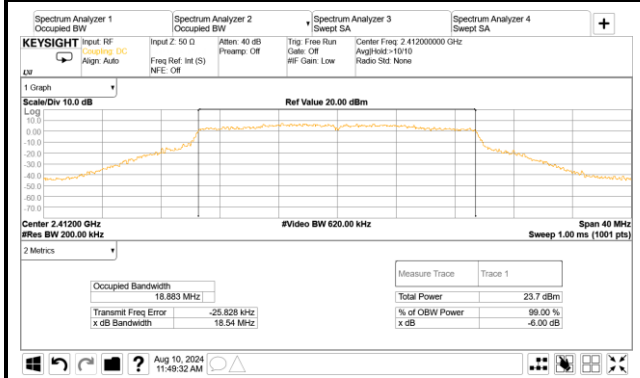
Main



802.11ax-HE20

AUX

Main

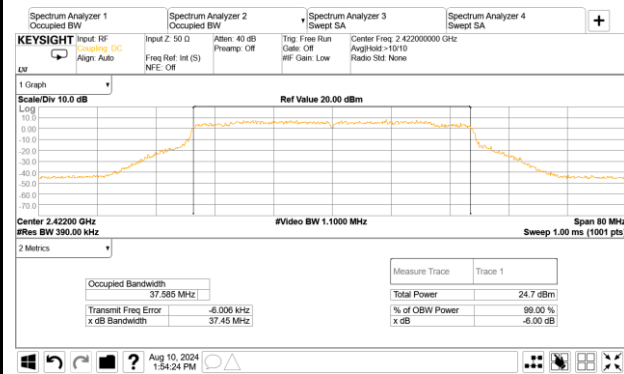


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