

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2024/11/25~12/03	Temp./Hum.	23°C/52~53%
Cable Loss	0.50dB	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	8.59	9.08	13.46	13.46	>500kHz
	2442	9.08	9.07	13.46	13.48	
	2462	9.06	9.08	13.44	13.48	
	2472	8.51	9.07	13.47	13.48	
802.11g	2412	14.22	16.56	15.96	16.70	
	2442	15.14	16.57	15.99	16.73	
	2462	15.17	16.57	16.01	16.67	
	2472	16.37	16.40	16.40	16.41	
802.11n-HT20	2412	15.34	15.07	17.81	17.76	
	2442	16.10	16.33	17.78	17.78	
	2462	15.02	16.34	17.82	17.76	
	2472	17.62	17.65	17.57	17.61	
802.11n-HT40	2422	35.17	35.15	36.21	36.08	
	2442	33.86	35.15	36.19	36.12	
	2452	33.86	35.75	36.15	36.13	
	2462	36.43	36.42	36.25	36.18	
802.11ax-HE20	2412	15.95	15.15	18.92	18.96	
	2442	16.47	16.15	18.90	18.96	
	2462	14.26	15.80	18.93	19.00	
	2472	18.81	18.74	18.77	18.76	
802.11ax-HE40	2422	36.20	37.57	37.62	37.55	
	2442	36.13	37.37	37.56	37.57	
	2452	37.05	36.30	37.63	37.62	
	2462	37.90	38.04	37.69	37.66	
802.11be-EHT20	2412	16.40	17.79	18.94	18.91	
	2442	16.86	16.59	18.91	18.95	
	2462	17.08	17.10	18.94	18.92	
	2472	18.71	18.58	18.76	18.80	
802.11be-EHT40	2422	36.64	36.96	37.57	37.65	
	2442	36.49	36.51	37.59	37.57	
	2452	36.62	37.13	37.62	37.56	
	2462	37.89	37.96	37.63	37.71	

Note: We only presented the middle channel plots for each test mode.

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Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1Mbps)	2402	0.69	1.02	>500kHz
	2440	0.70	1.02	
	2480	0.70	1.02	
BLE (2Mbps)	2402	1.22	2.03	
	2440	1.27	2.03	
	2480	1.18	2.03	
BLE (PHY Coded S2)	2402	0.67	1.01	
	2440	0.67	1.01	
	2480	0.67	1.01	
BLE (PHY Coded S8)	2402	0.68	1.03	
	2440	0.69	1.03	
	2480	0.68	1.04	

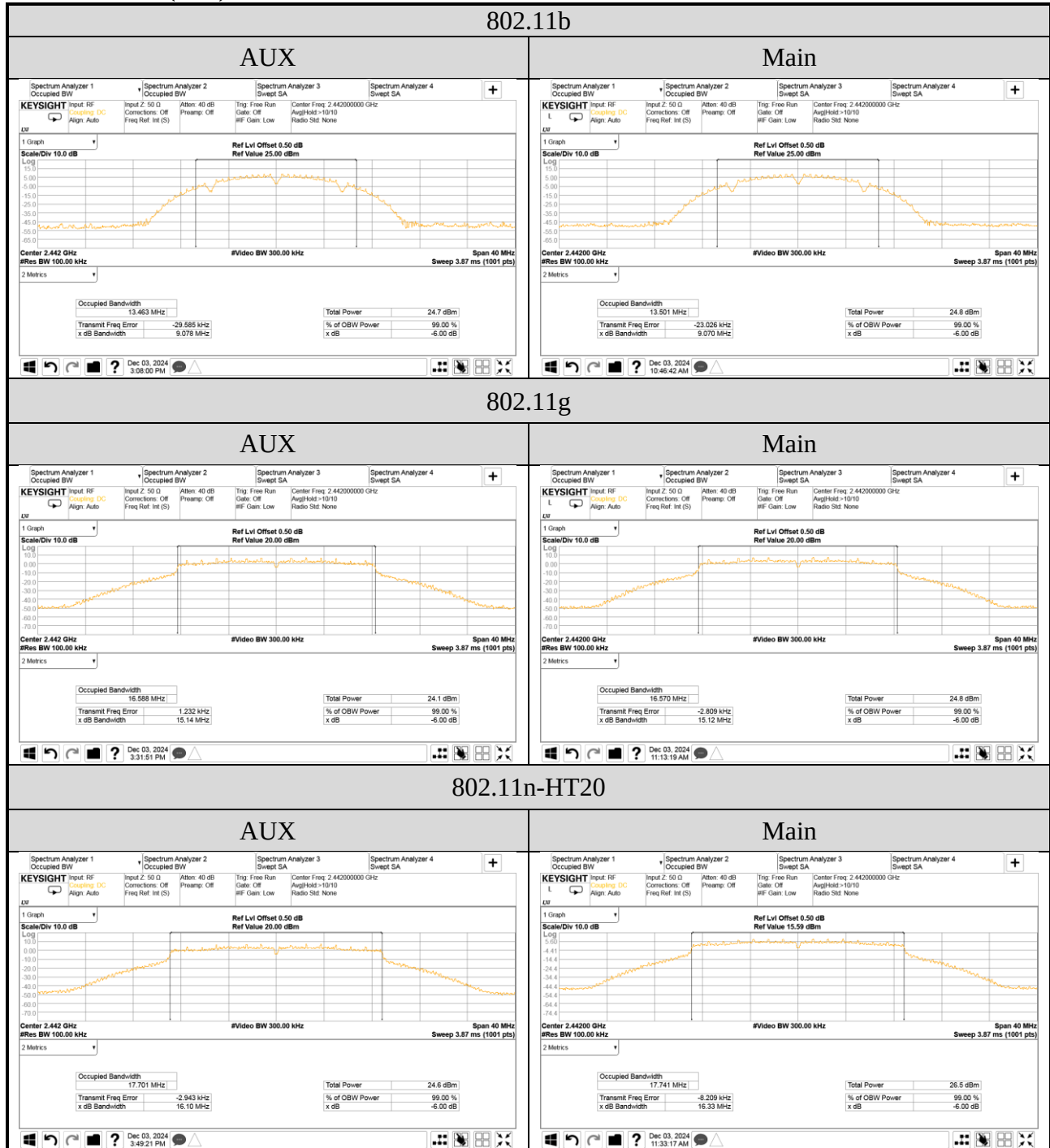
Note: We only presented the middle channel plots for each test mode.

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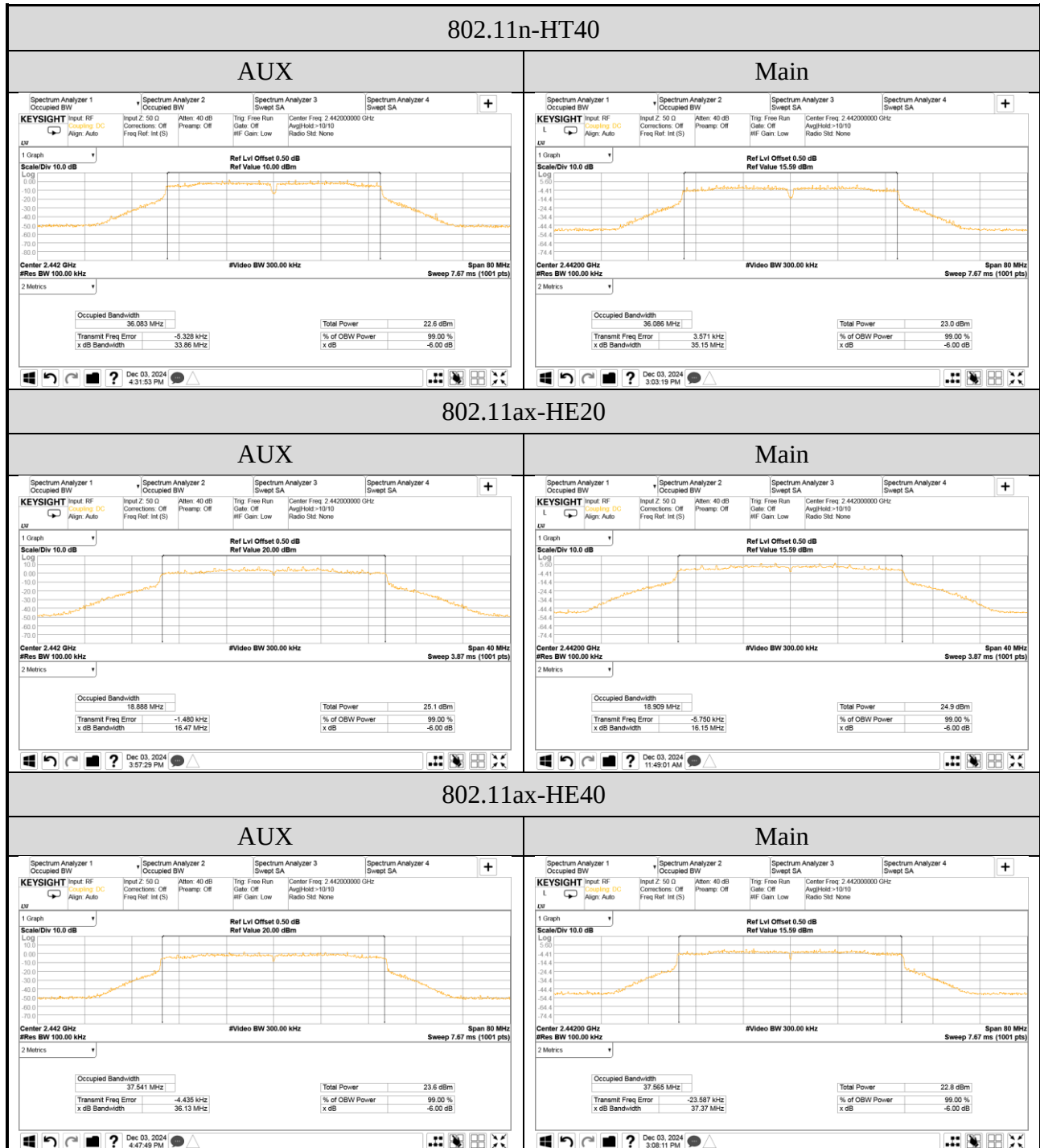
A.3.2 Measurement Plots

● DTS (6dB) Bandwidth



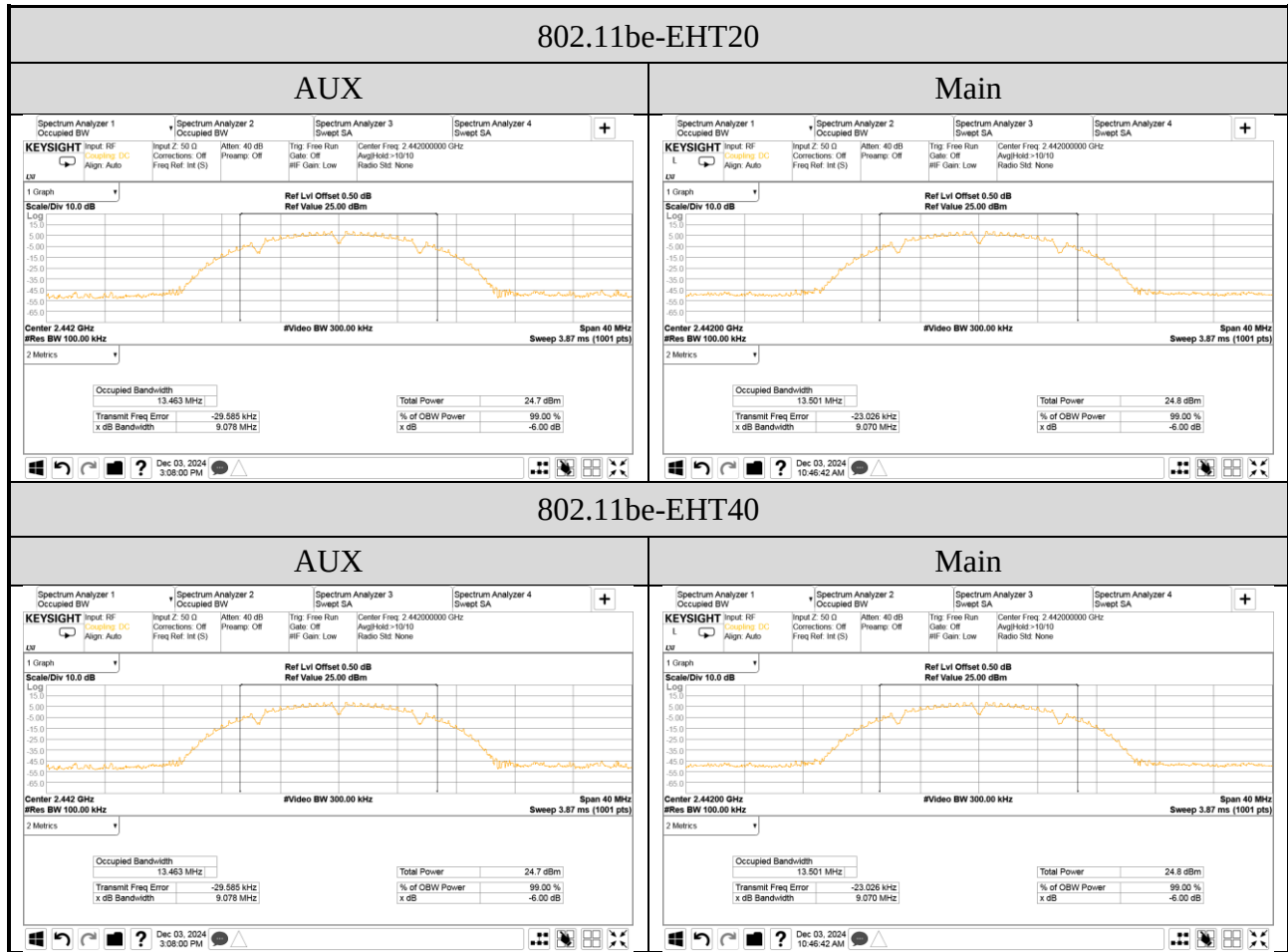
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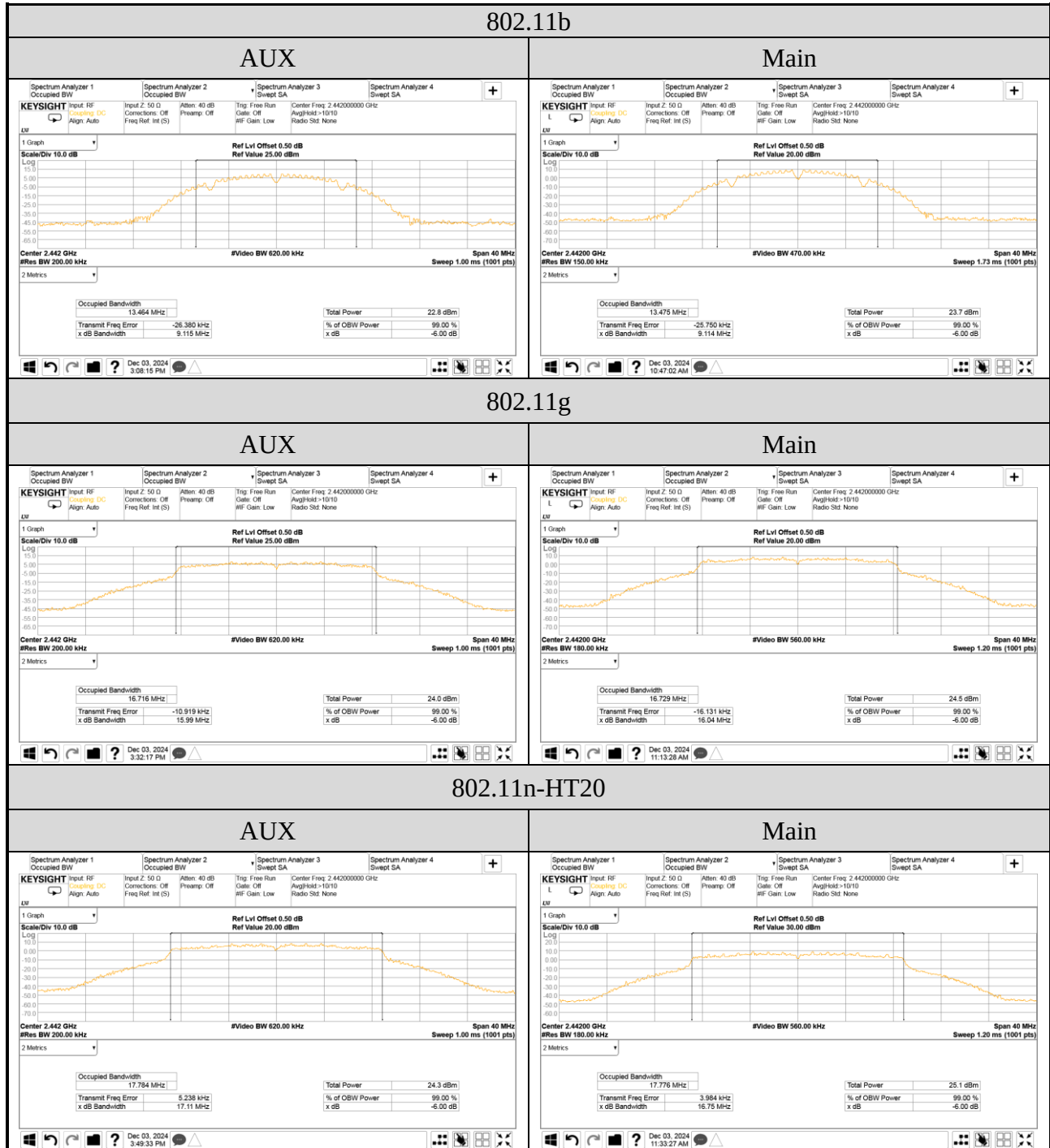
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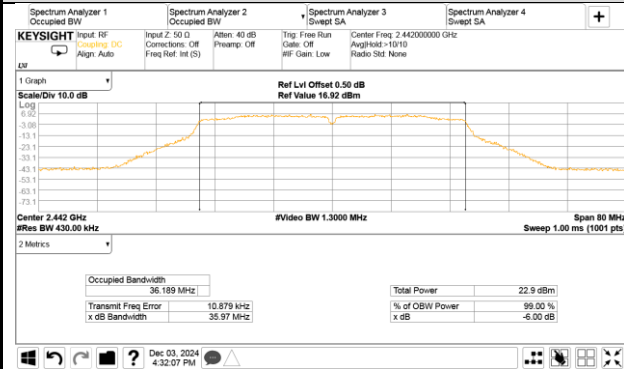
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● Occupied (99%) Bandwidth

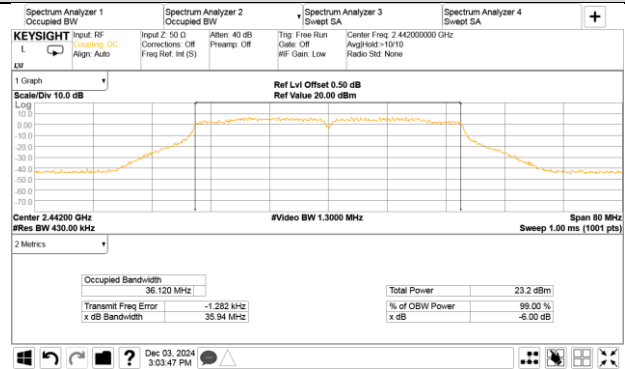


802.11n-HT40

AUX

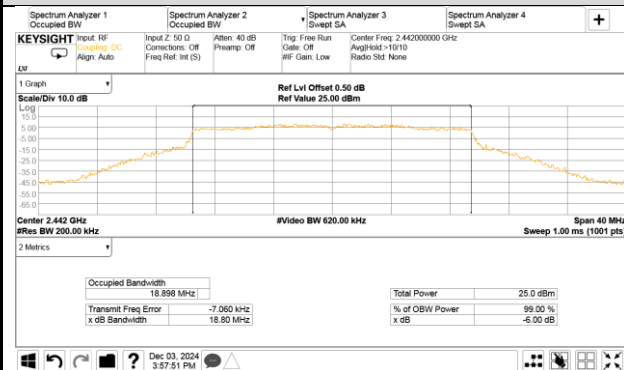


Main

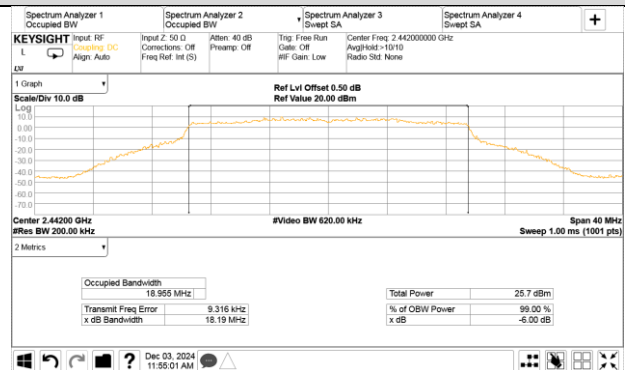


802.11ax-HE20

AUX

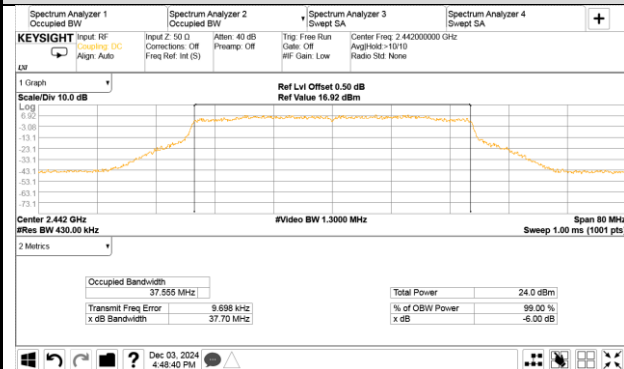


Main

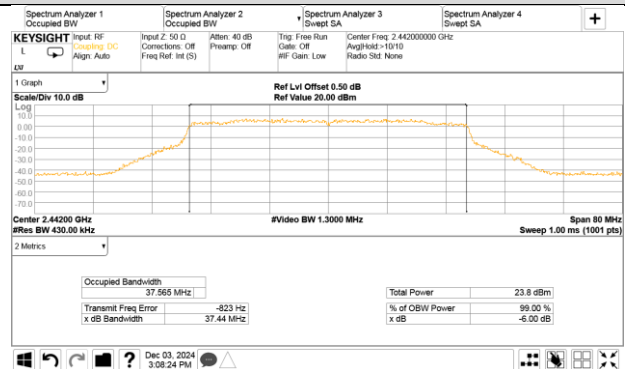


802.11ax-HE40

AUX

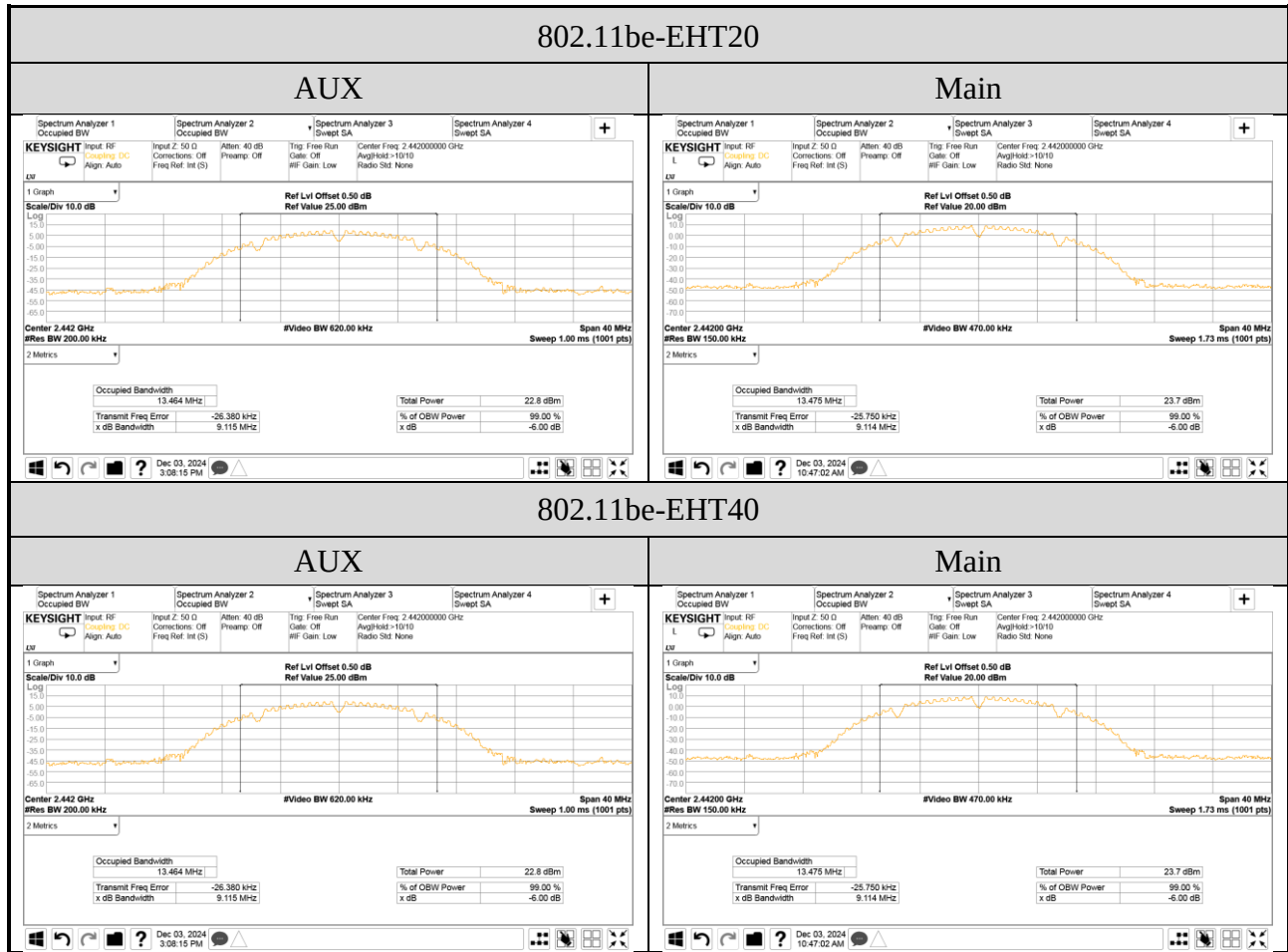


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