

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2022/10/17 ~ 18	Temp./Hum.	23-24°C/71-76%
Cable Loss	0.5dB	Tested By	Kuper Hsu
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	8.088	13.638	12.400	>500kHz
	2442	9.085	9.070	13.513	13.519	
	2462	9.084	9.082	13.592	13.511	
	2472	9.083	9.083	13.463	13.379	
802.11g	2412	15.13	15.15	16.784	16.735	
	2442	15.16	15.15	16.894	16.910	
	2462	15.16	15.35	16.717	16.950	
	2472	16.36	16.38	16.408	16.399	
802.11n-HT20	2412	15.72	16.33	17.745	17.786	
	2442	15.47	16.30	17.858	17.849	
	2462	15.13	16.30	17.769	17.779	
	2472	17.58	17.60	17.557	17.575	
802.11n-HT40	2422	35.14	35.15	35.936	35.860	
	2442	33.83	35.15	35.949	35.894	
	2452	35.13	35.16	35.936	35.836	
	2462	36.36	36.41	36.123	36.059	
802.11ax-HE20	2412	16.05	17.93	18.943	18.950	
	2442	16.46	17.24	18.993	18.905	
	2462	15.95	17.90	18.948	18.893	
	2472	18.27	18.25	18.744	18.672	
802.11ax-HE40	2422	35.17	35.95	37.419	37.423	
	2442	35.15	36.12	37.452	37.399	
	2452	35.51	36.91	37.475	37.456	
	2462	37.60	37.78	37.538	37.502	

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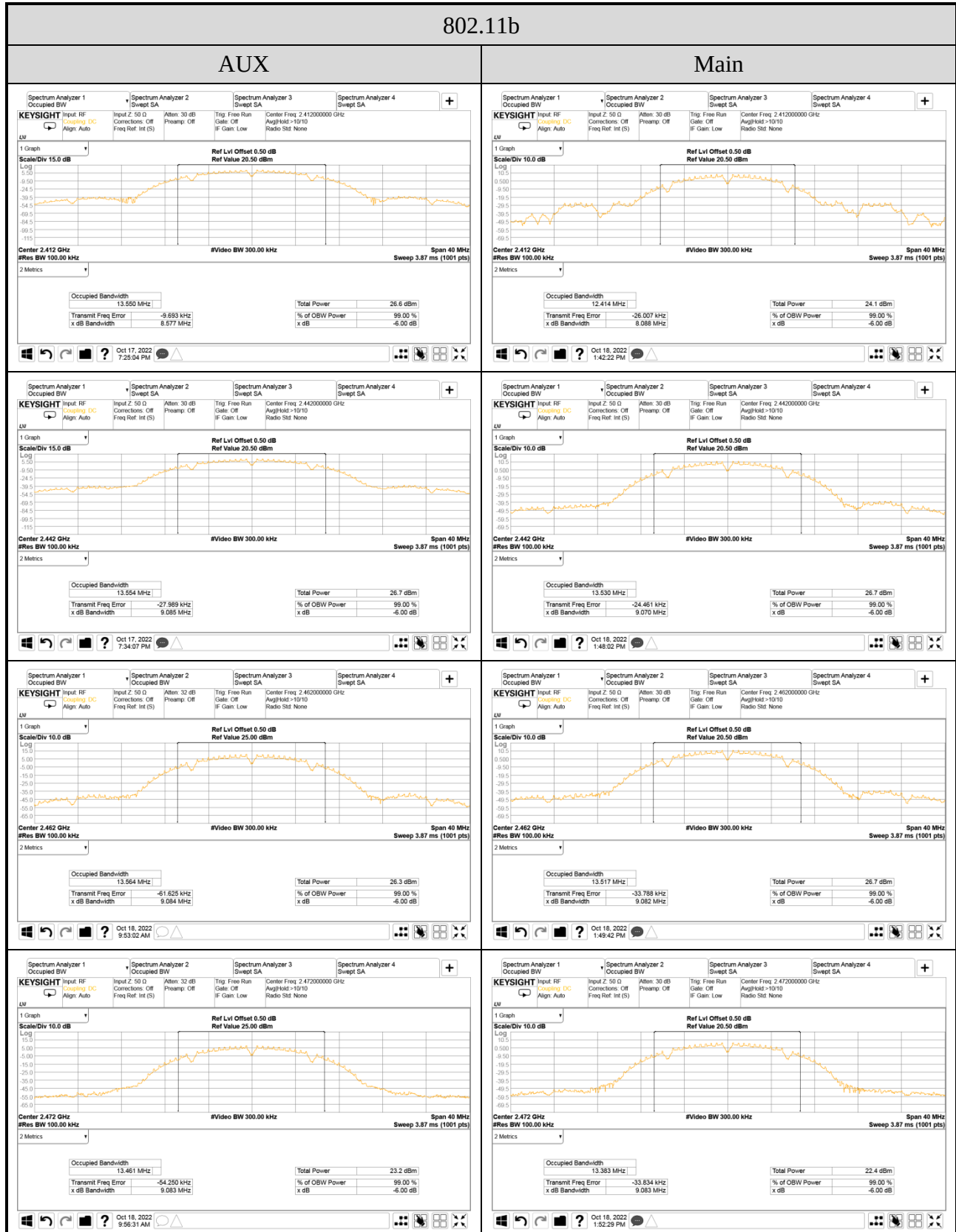
Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1Mbps)	2402	0.6755	1.0495	>500kHz
	2440	0.6747	1.0477	
	2480	0.6841	1.0468	
BLE (2Mbps)	2402	1.128	2.0365	>500kHz
	2440	1.142	2.0334	
	2480	1.147	2.0330	
BLE (PHY Coded S2)	2402	0.6742	1.0358	>500kHz
	2440	0.6821	1.0346	
	2480	0.6797	1.0331	
BLE (PHY Coded S8)	2402	0.6119	1.0661	>500kHz
	2440	0.6118	1.0622	
	2480	0.6147	1.0637	

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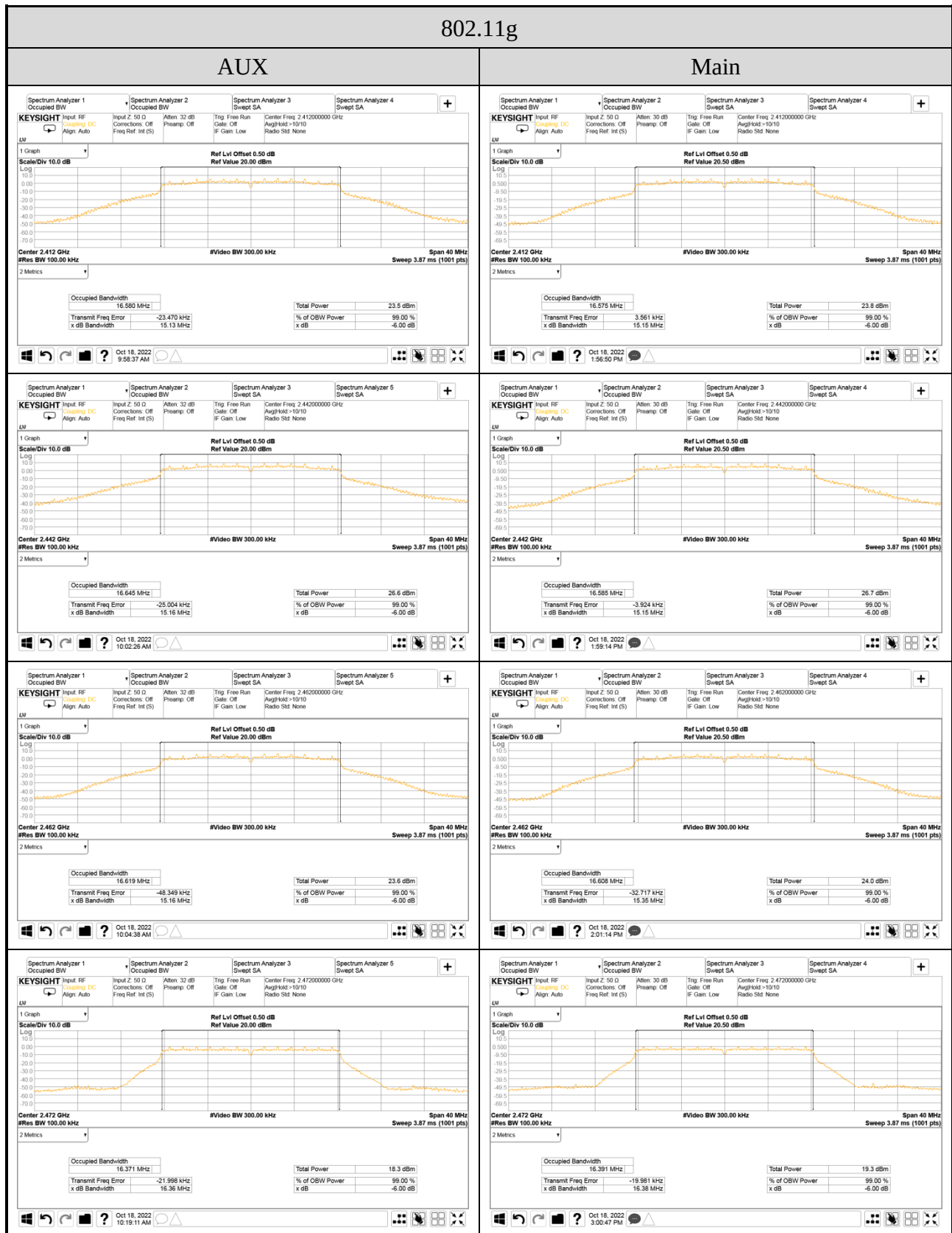
A.3.2 Measurement Plots

● DTS (6dB) Bandwidth



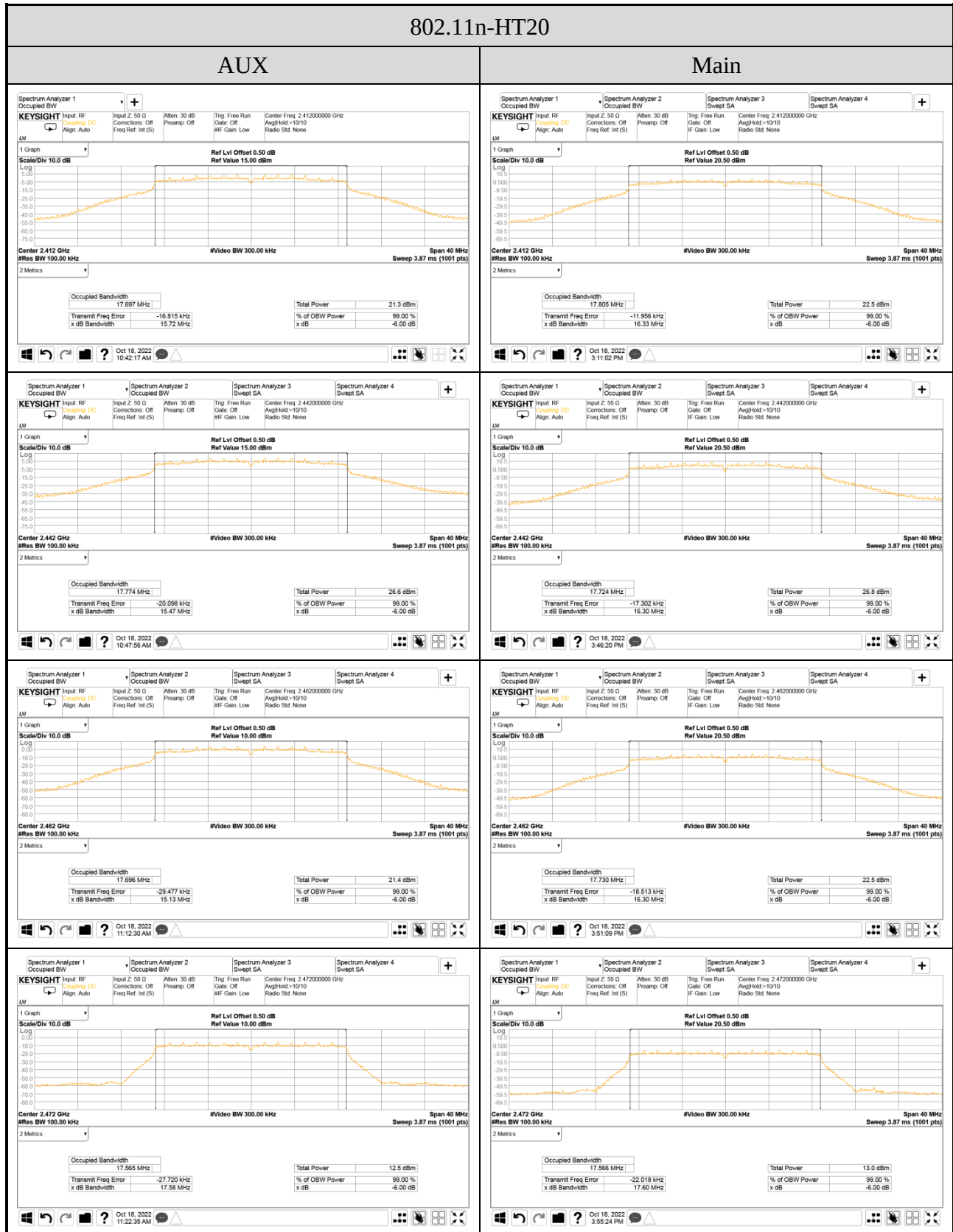
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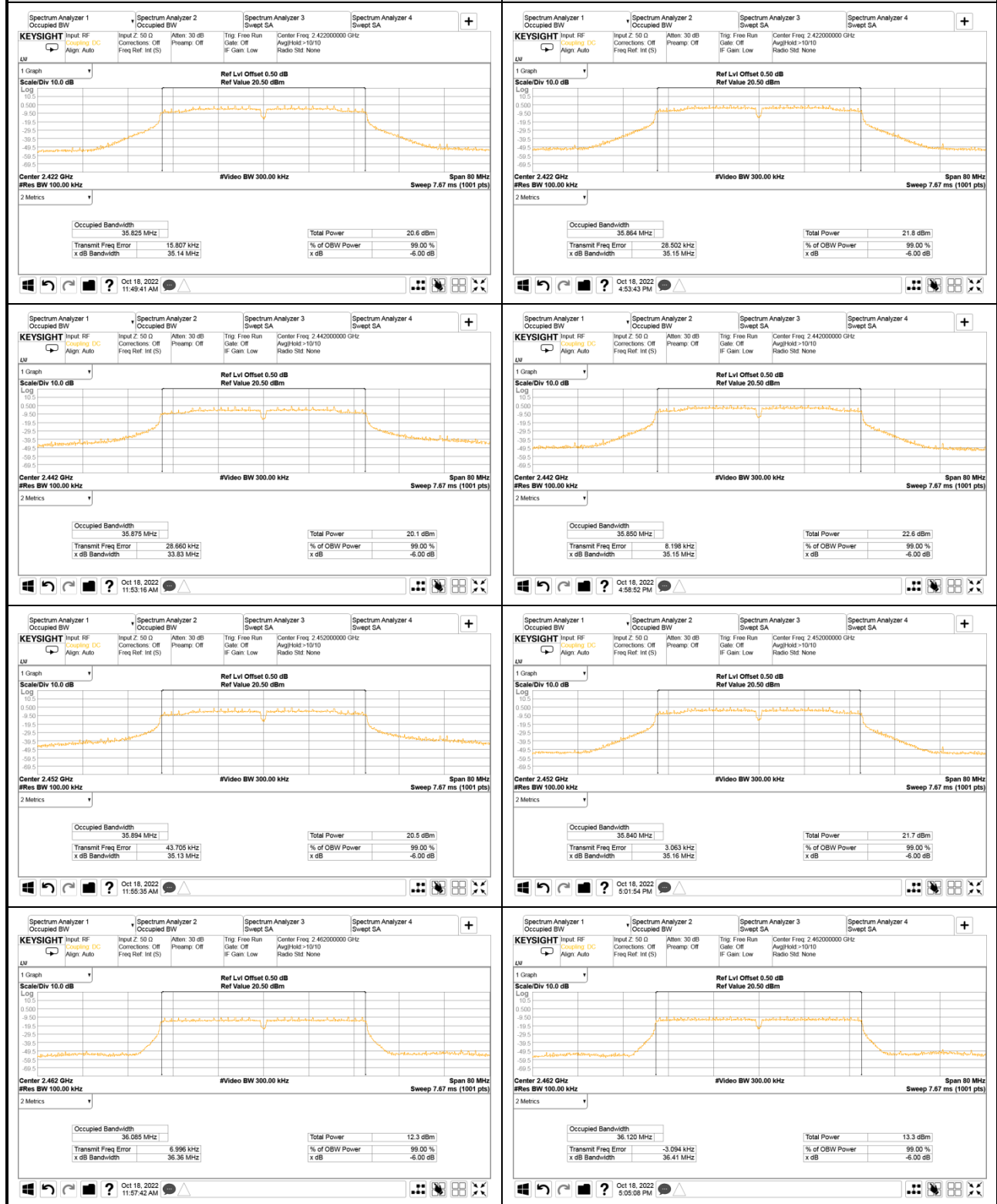
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802.11n-HT40

AUX

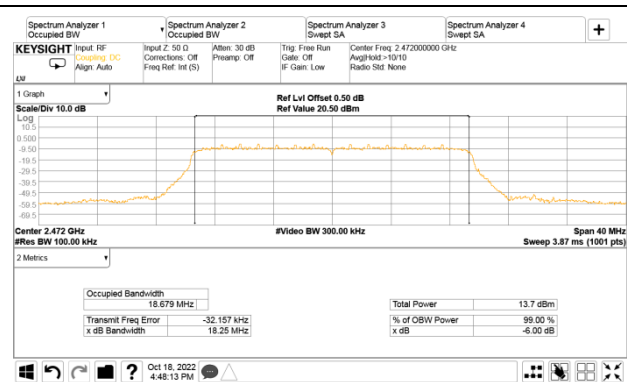
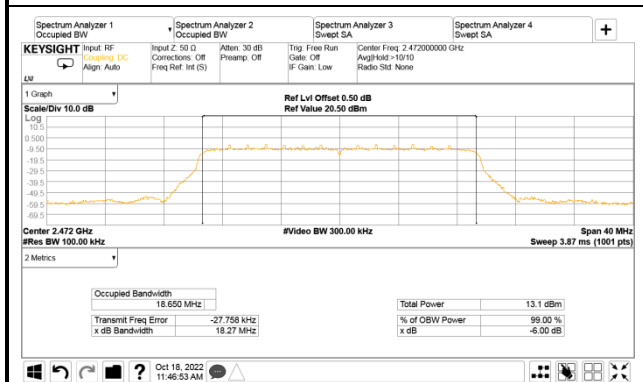
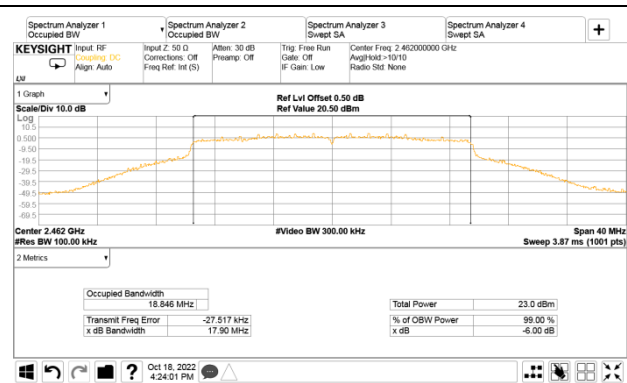
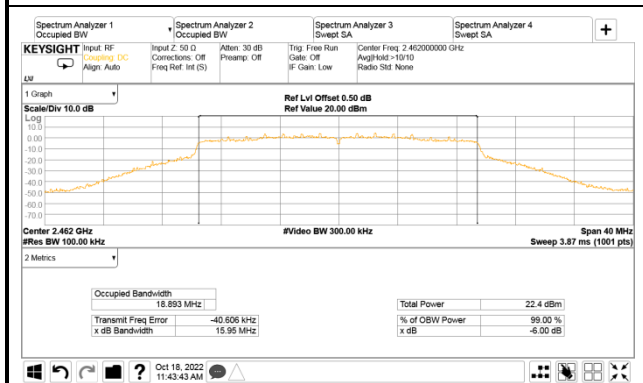
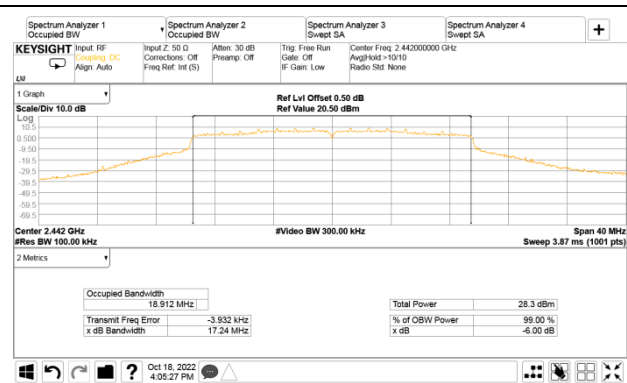
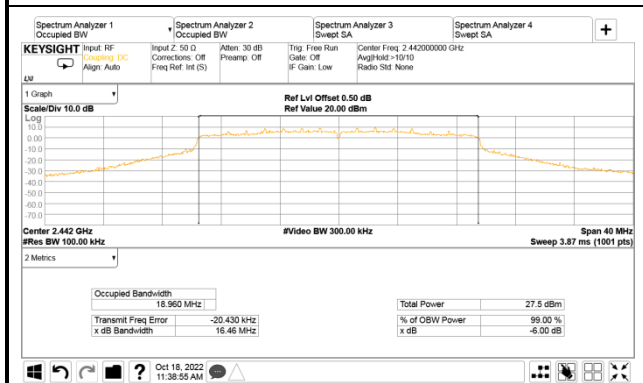
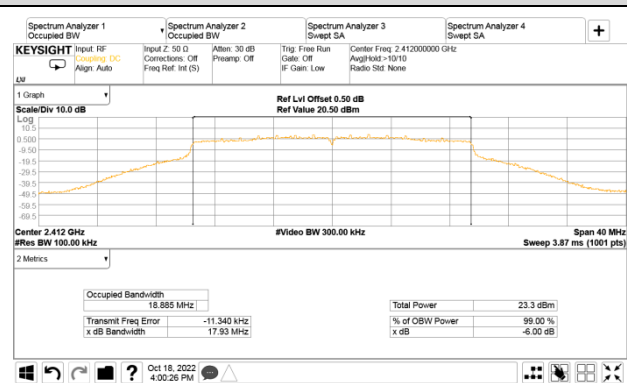
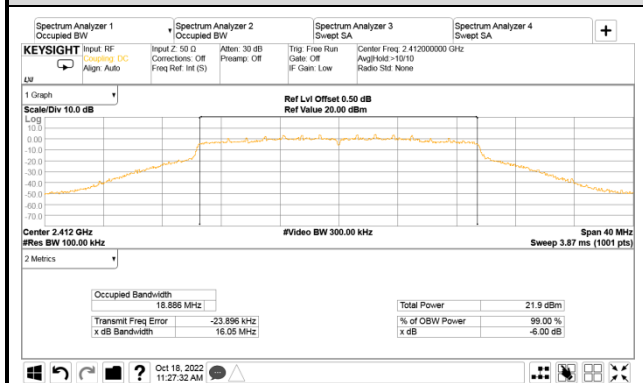
Main



802.11ax-HE20

AUX

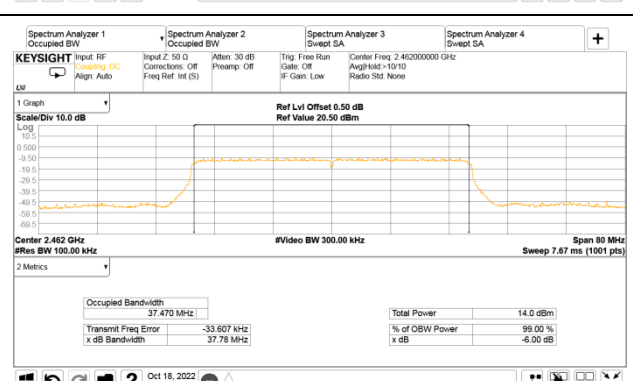
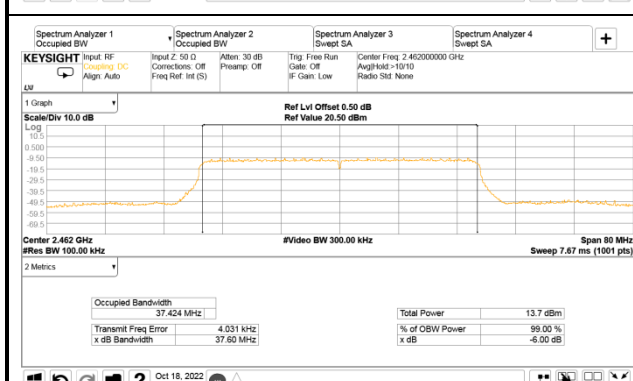
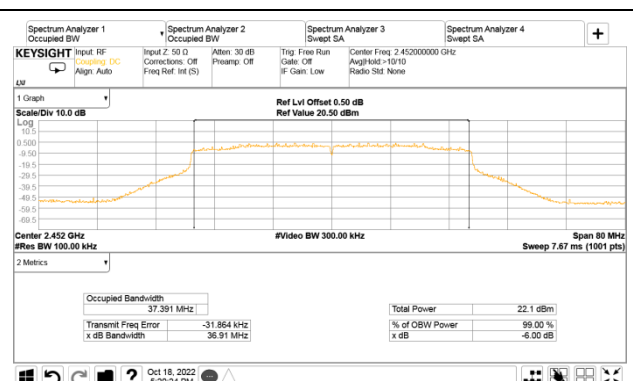
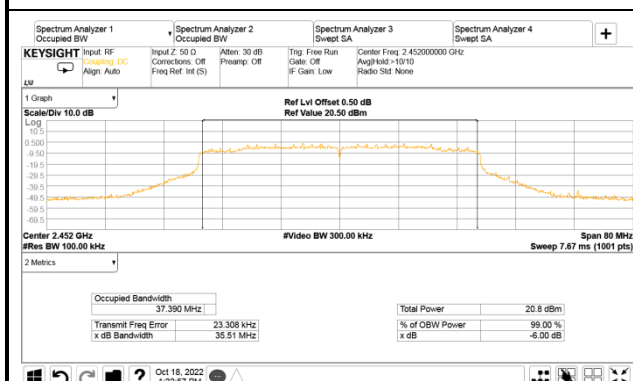
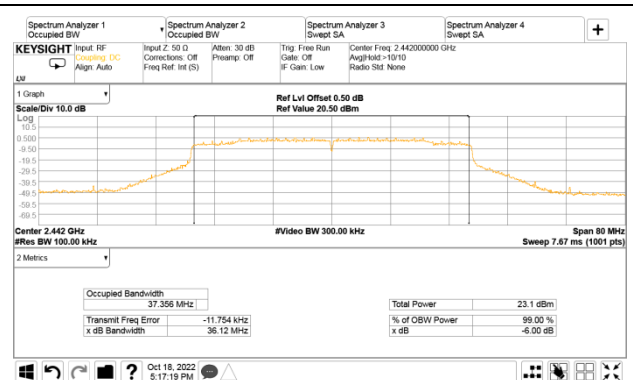
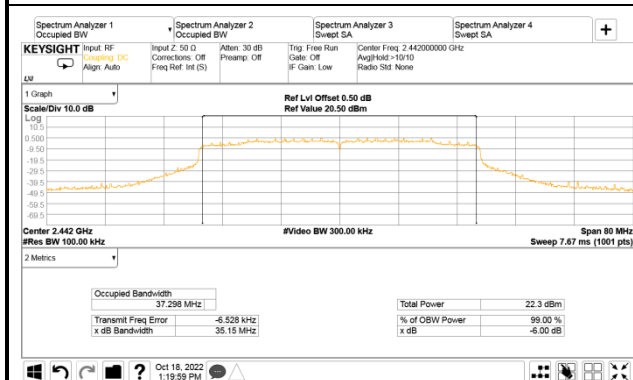
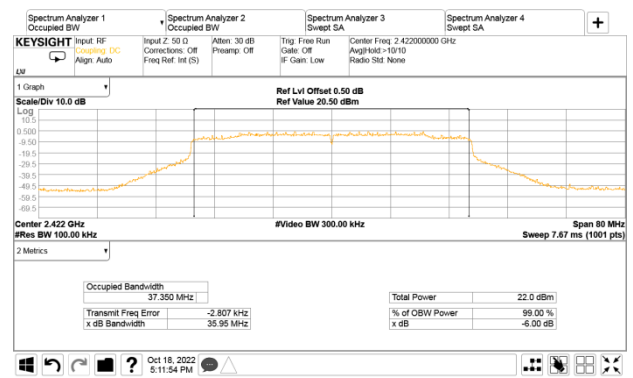
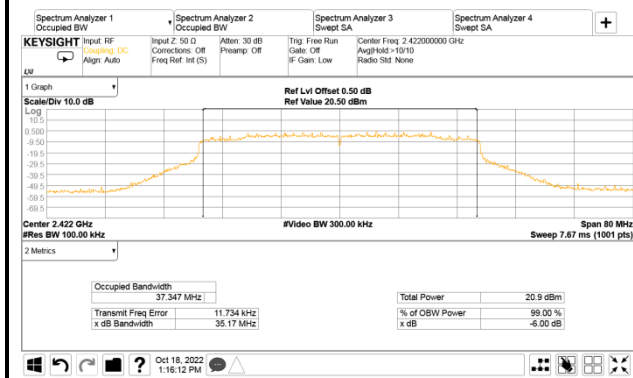
Main



802.11ax-HE40

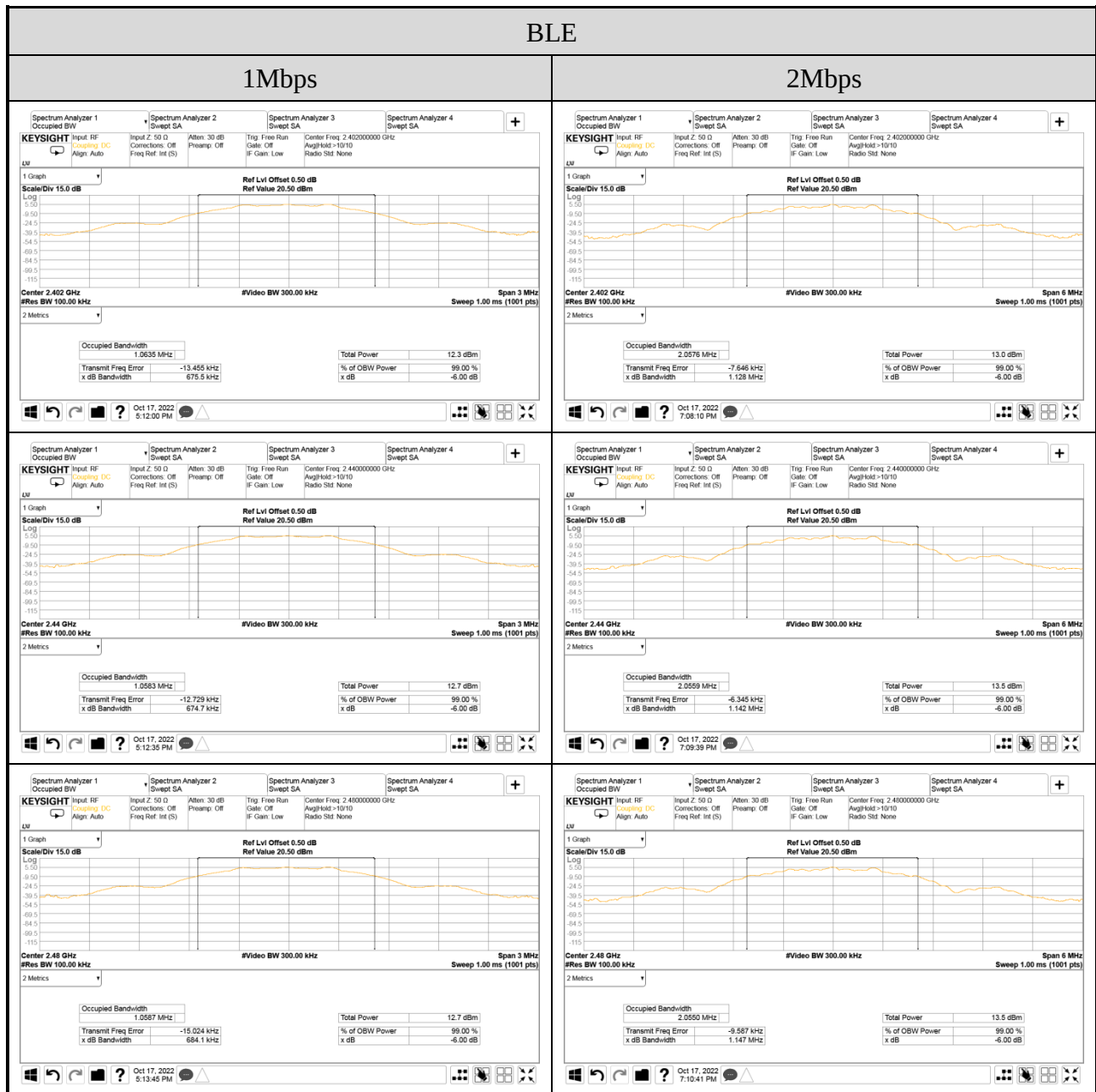
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