

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2022/10/18 ~ 20	Temp./Hum.	22~24°C/69~72%
Cable Loss	0.5dB	Tested By	Brian Hsieh
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	9.037	9.053	13.240	13.591	>500kHz
	2442	9.043	9.057	13.564	13.621	
	2462	9.061	9.059	13.649	13.615	
	2472	9.005	9.055	13.415	13.407	
802.11g	2412	15.11	15.42	16.855	16.820	
	2442	15.70	15.86	16.786	16.860	
	2462	15.12	15.33	16.775	16.814	
	2472	16.35	16.35	16.408	16.410	
802.11n-HT20	2412	15.68	16.30	17.786	17.862	
	2442	15.13	16.52	17.862	17.940	
	2462	15.68	16.29	17.855	17.811	
	2472	17.58	17.60	17.557	17.583	
802.11n-HT40	2422	35.06	35.68	35.906	35.844	
	2442	35.10	35.66	35.922	35.864	
	2452	35.10	35.08	35.918	35.870	
	2462	36.38	36.39	36.087	36.101	
802.11ax-HE20	2412	15.47	16.31	18.927	18.957	
	2442	16.96	16.33	18.937	19.090	
	2462	15.89	16.32	18.913	18.945	
	2472	18.06	18.06	18.695	18.718	
802.11ax-HE40	2422	30.16	35.09	37.294	37.451	
	2442	35.09	35.09	37.471	37.451	
	2452	35.10	35.09	37.449	37.456	
	2462	37.24	37.35	37.502	37.482	

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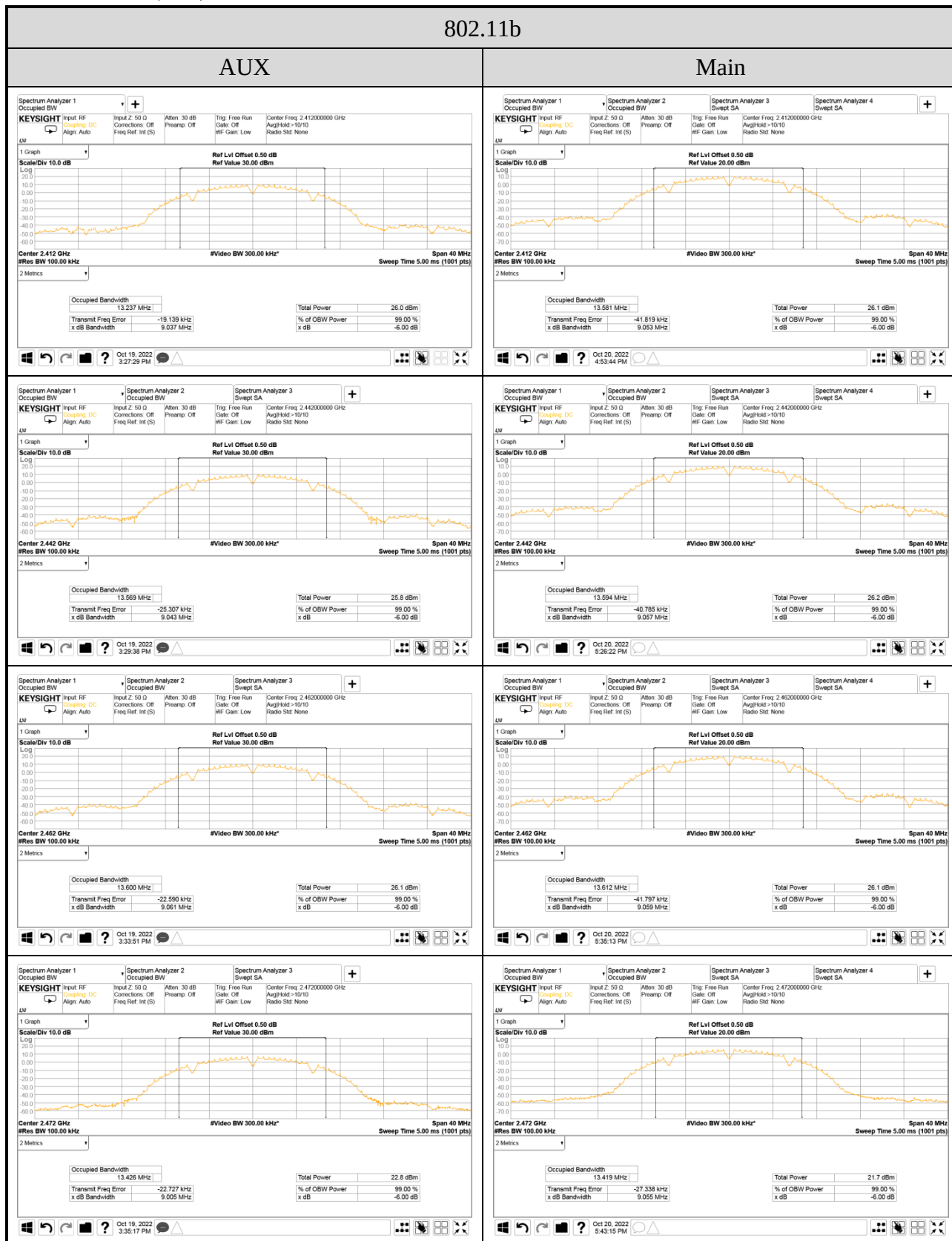
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Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1Mbps)	2402	0.6816	1.0516	>500kHz
	2440	0.6822	1.0522	
	2480	0.6956	1.0495	
BLE (2Mbps)	2402	1.127	2.0592	>500kHz
	2440	1.141	2.0560	
	2480	1.161	2.0571	
BLE (PHY Coded S2)	2402	0.6759	1.0400	>500kHz
	2440	0.6870	1.0368	
	2480	0.6814	1.0392	
BLE (PHY Coded S8)	2402	0.6123	1.0693	>500kHz
	2440	0.5262	1.0619	
	2480	0.6130	1.0701	

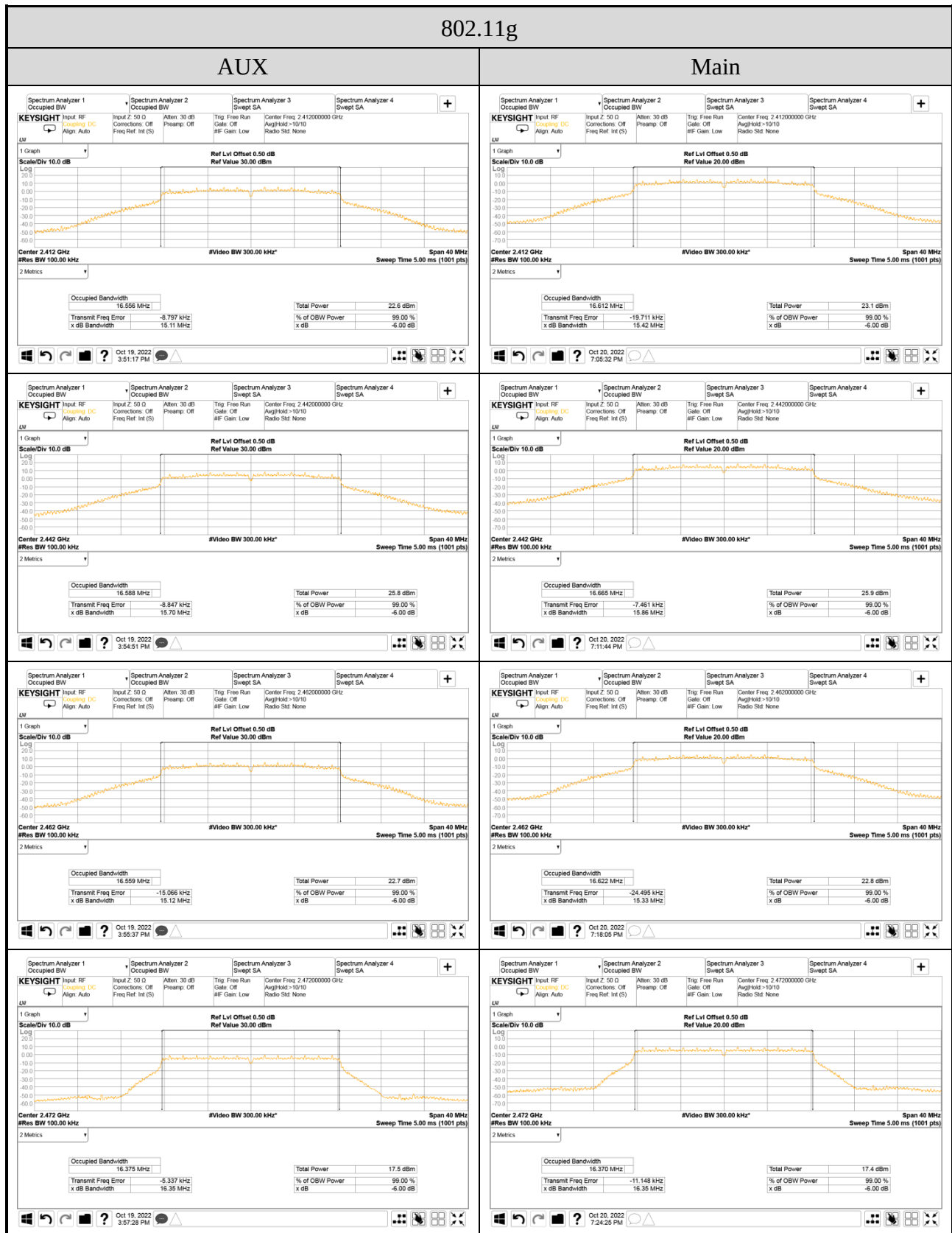
A.3.2 Measurement Plots

● DTS (6dB) Bandwidth



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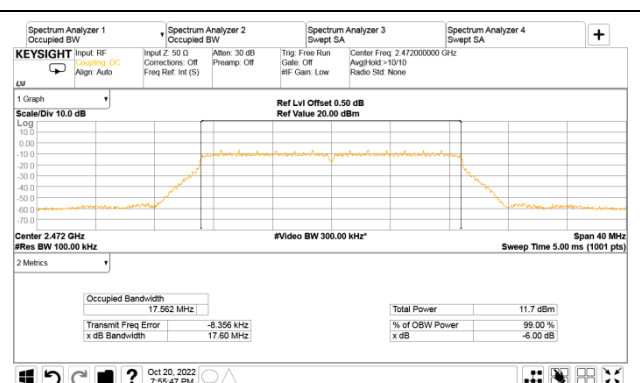
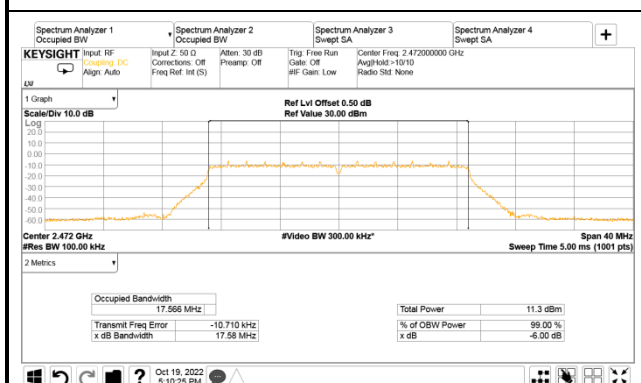
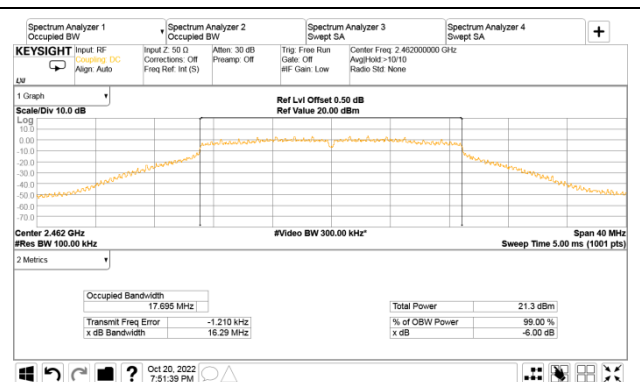
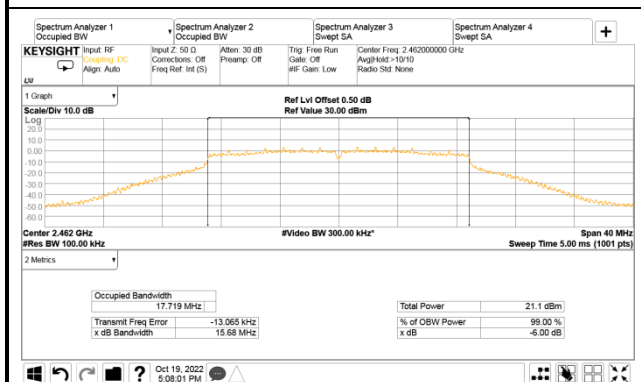
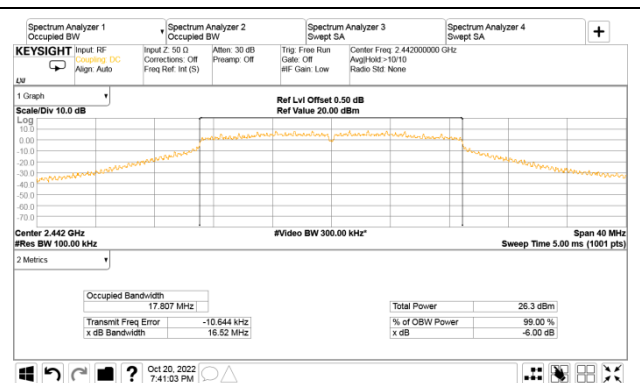
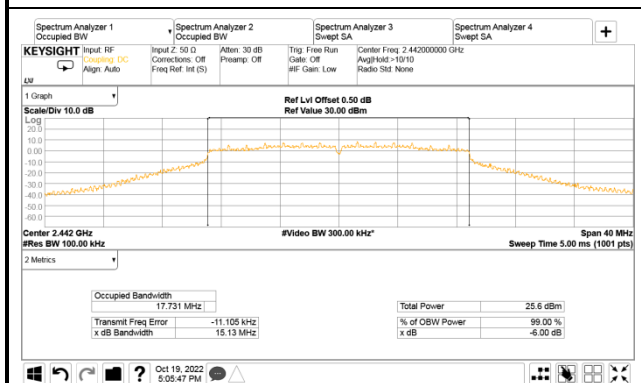
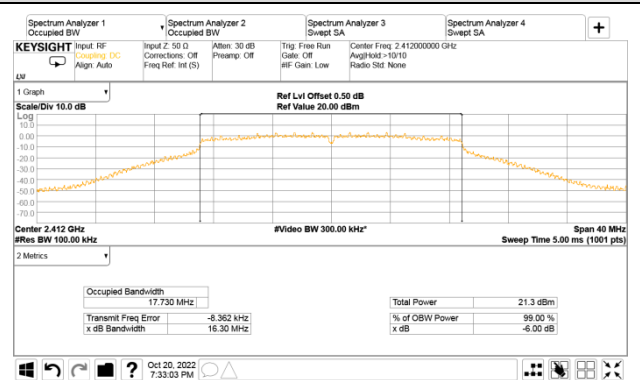
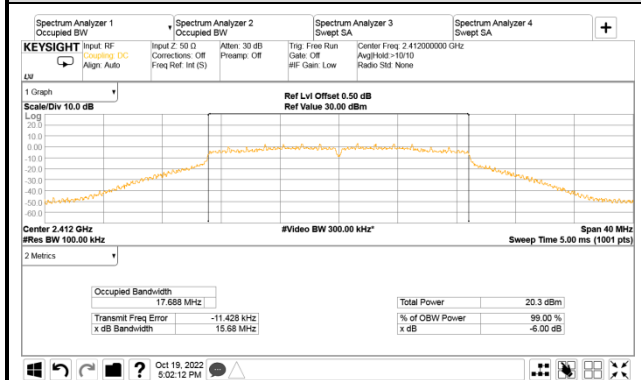
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802.11n-HT20

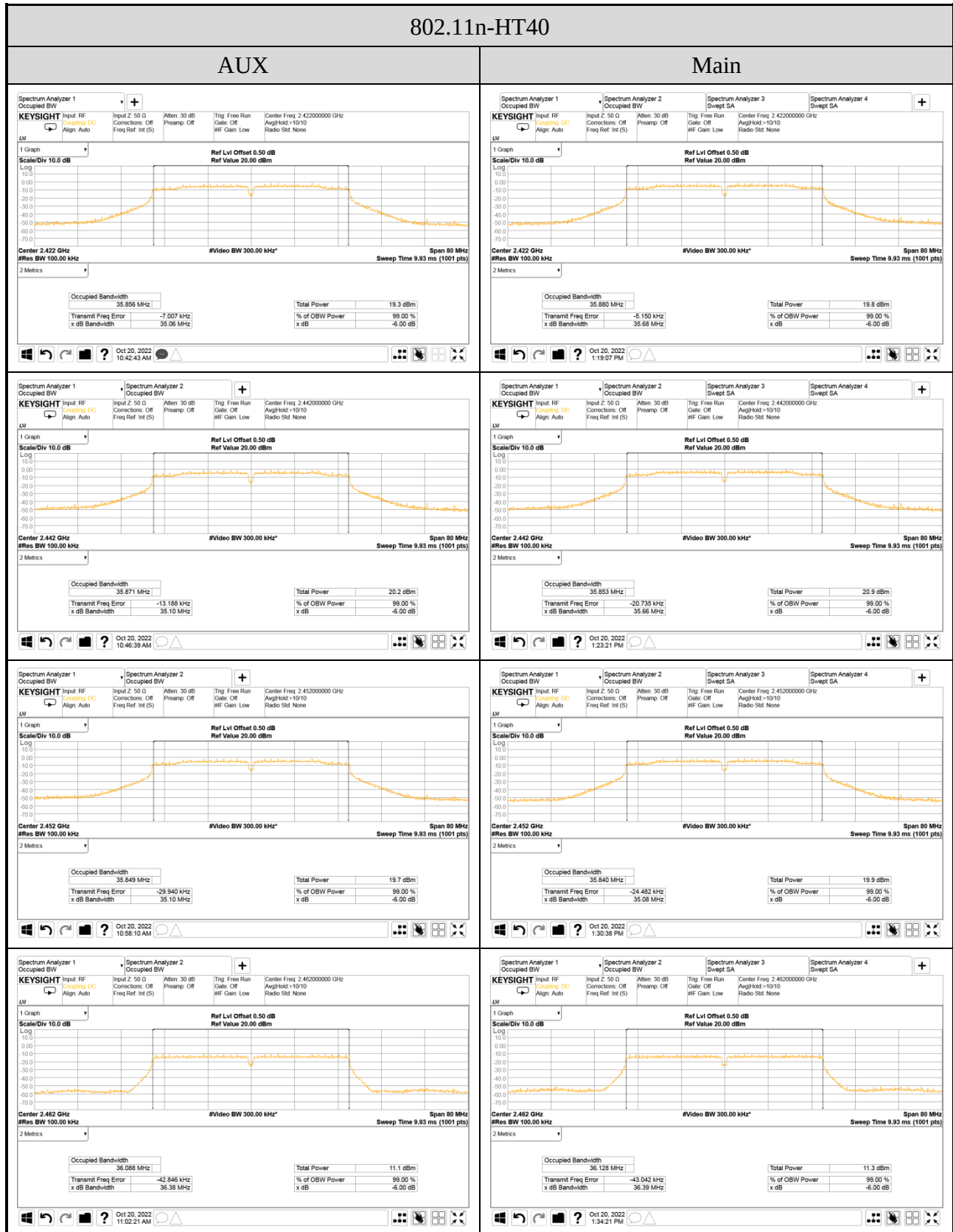
AUX

Main



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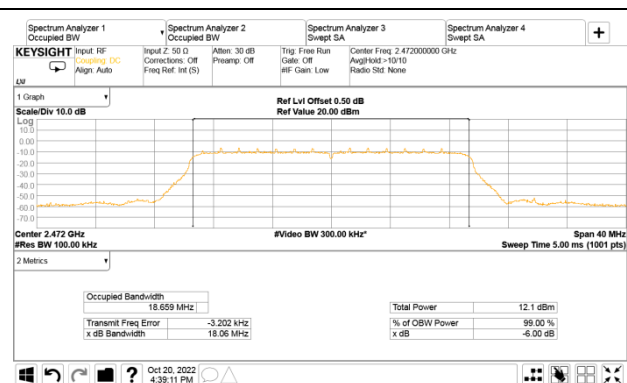
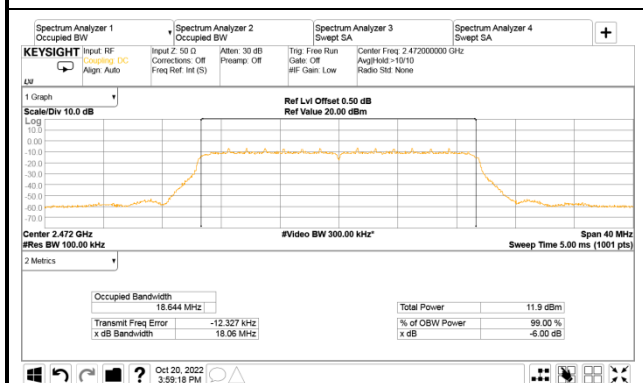
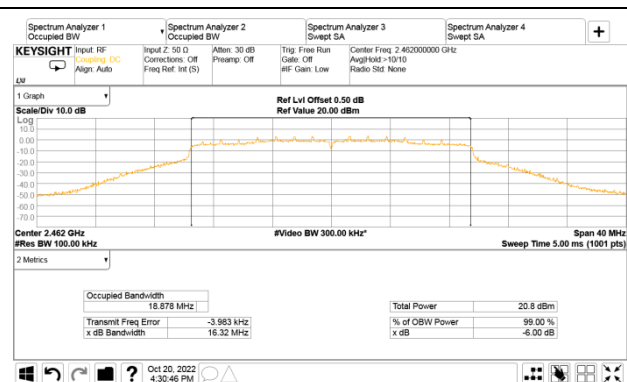
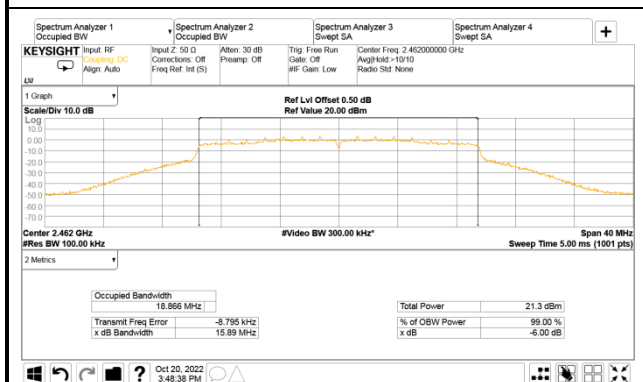
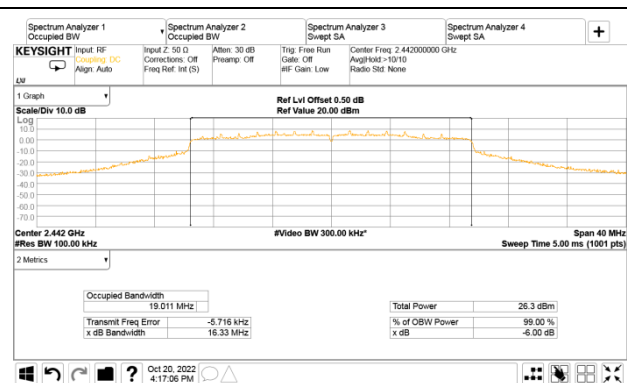
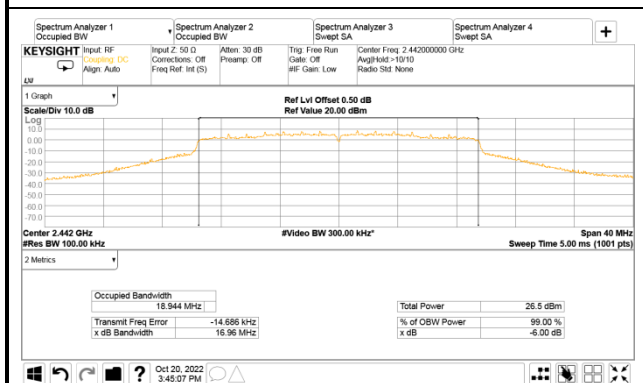
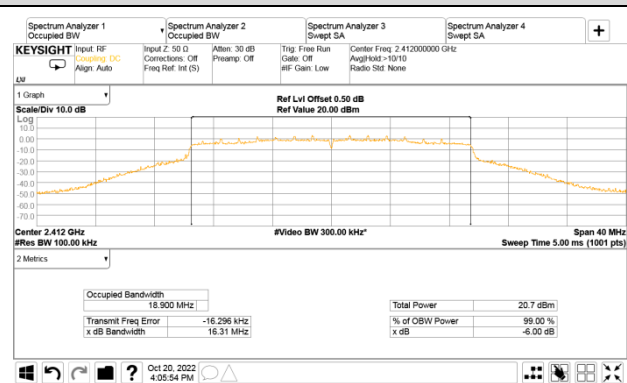
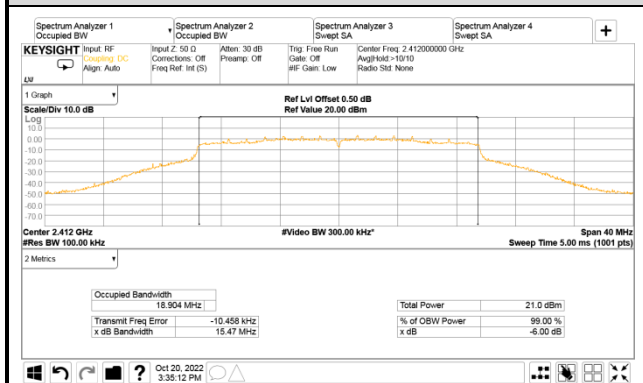
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802.11ax-HE20

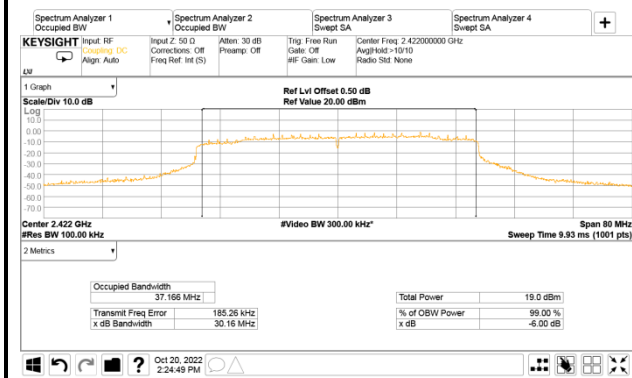
AUX

Main

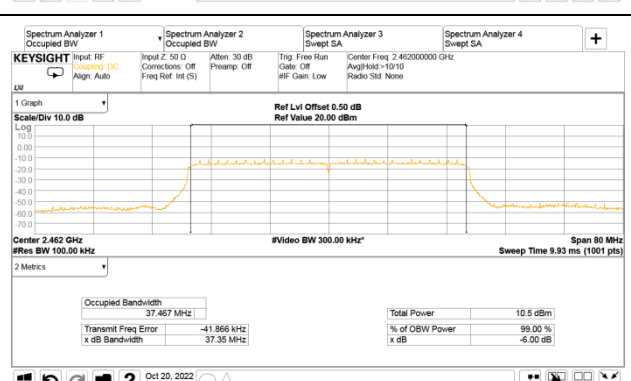
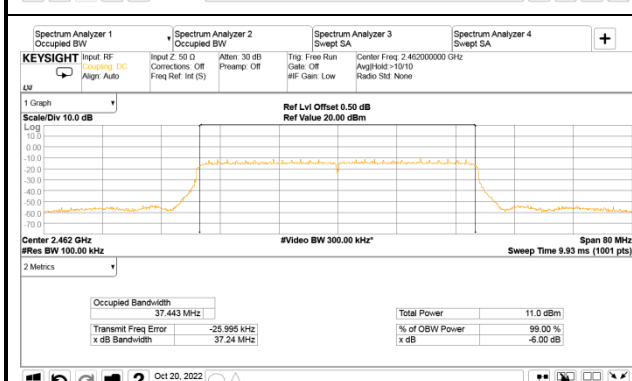
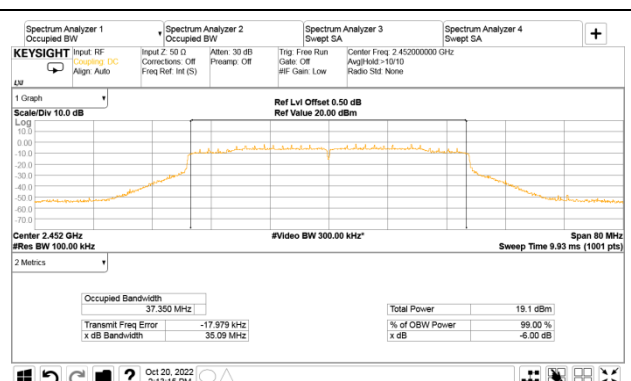
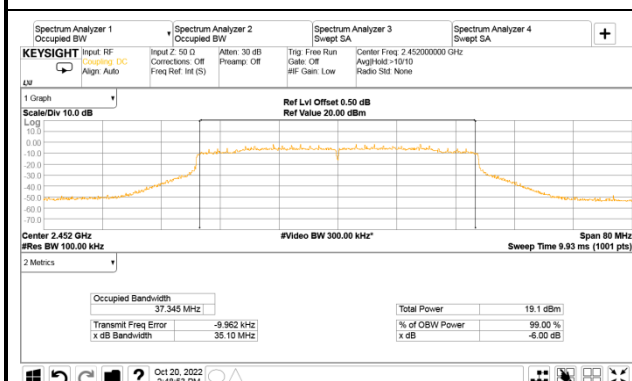
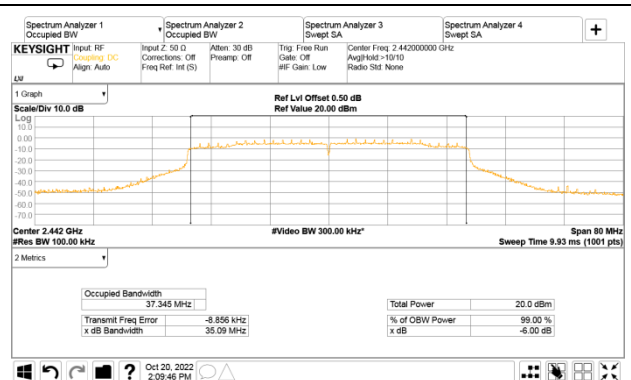
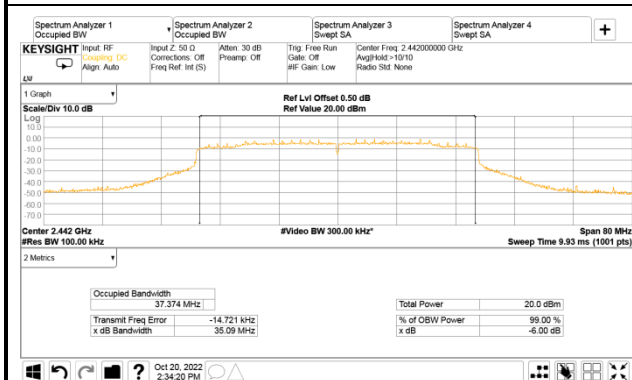
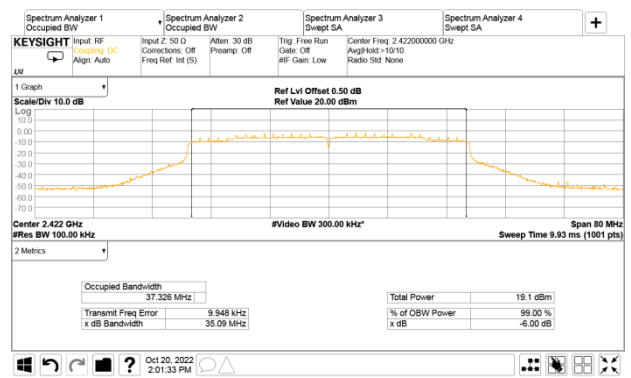


802.11ax-HE40

AUX

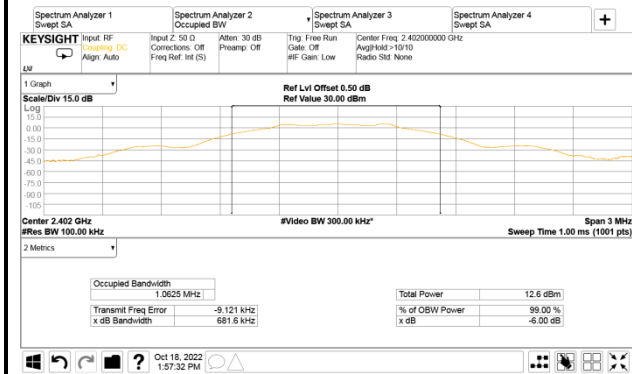


Main

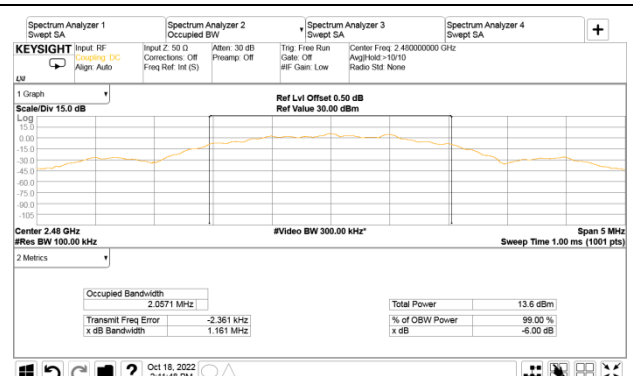
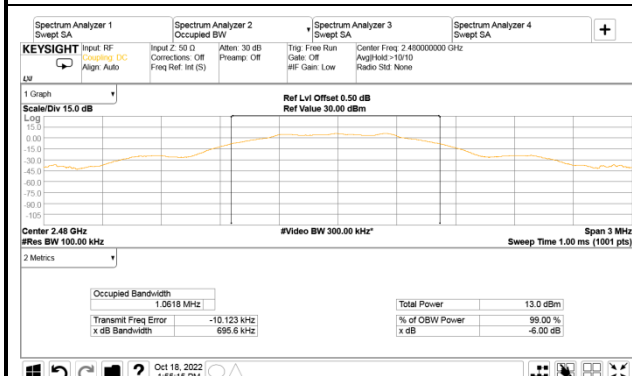
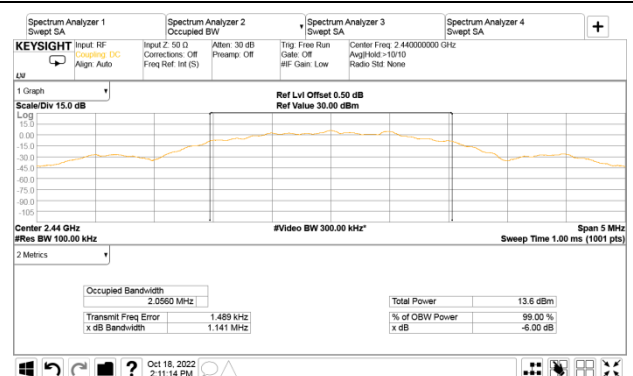
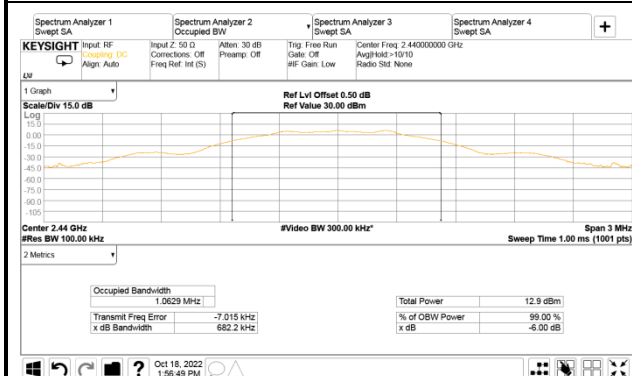
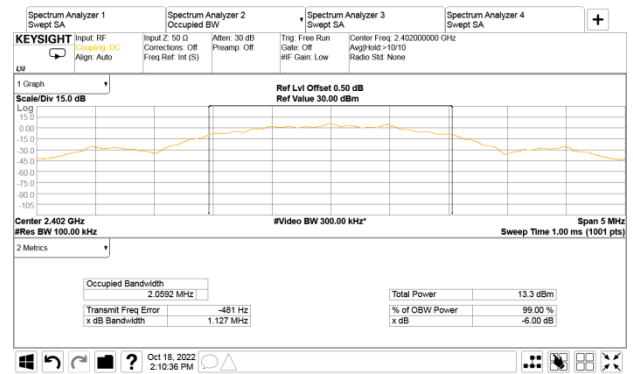


BLE

1Mbps



2Mbps



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