

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2023/10/19	Temp./Hum.	25°C/55%
Cable Loss	WiFi: 1.10dB, BLE: 1.10dB	Tested By	Harry Huang
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

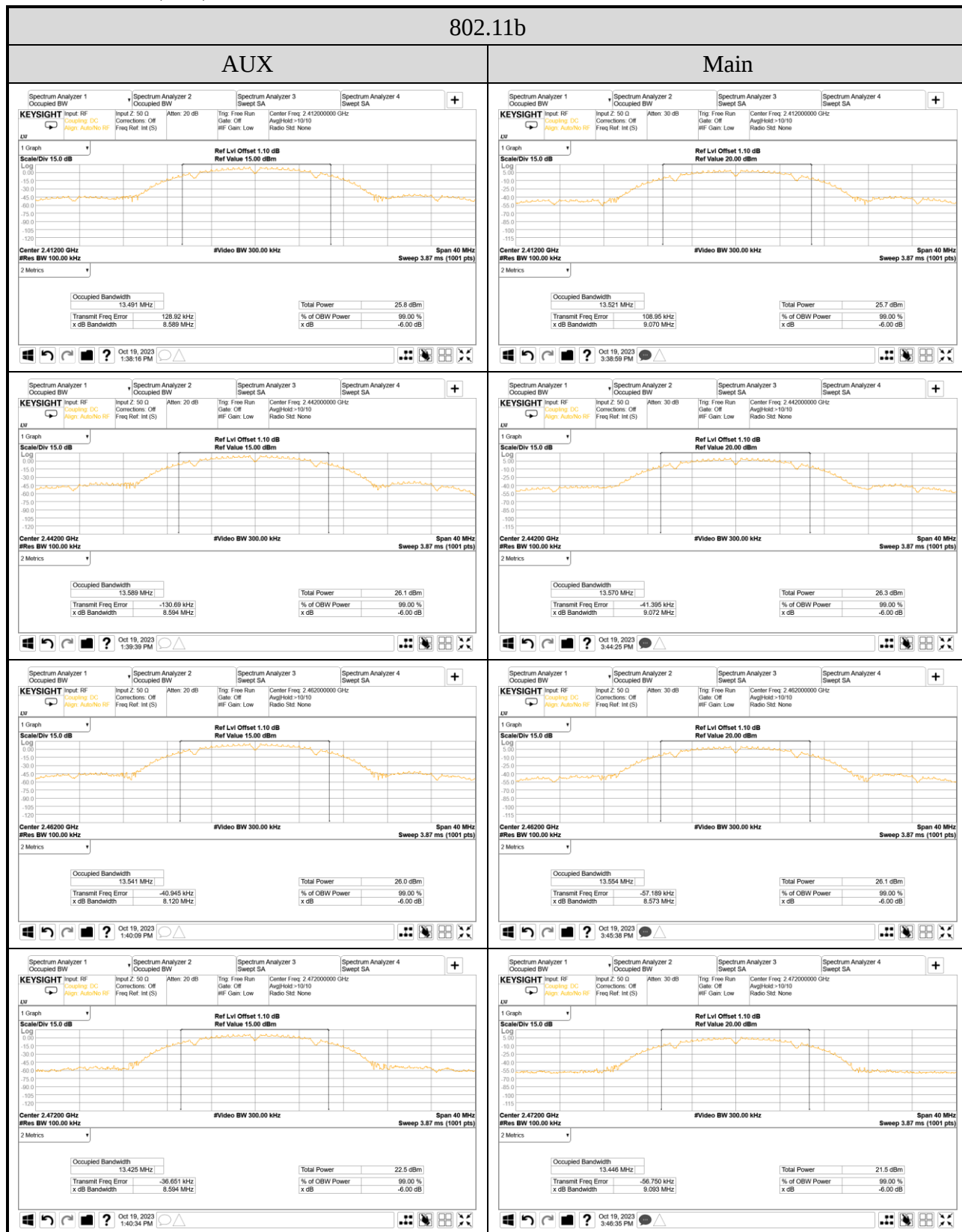
A.3.1 DTS/Occupied Bandwidth Result

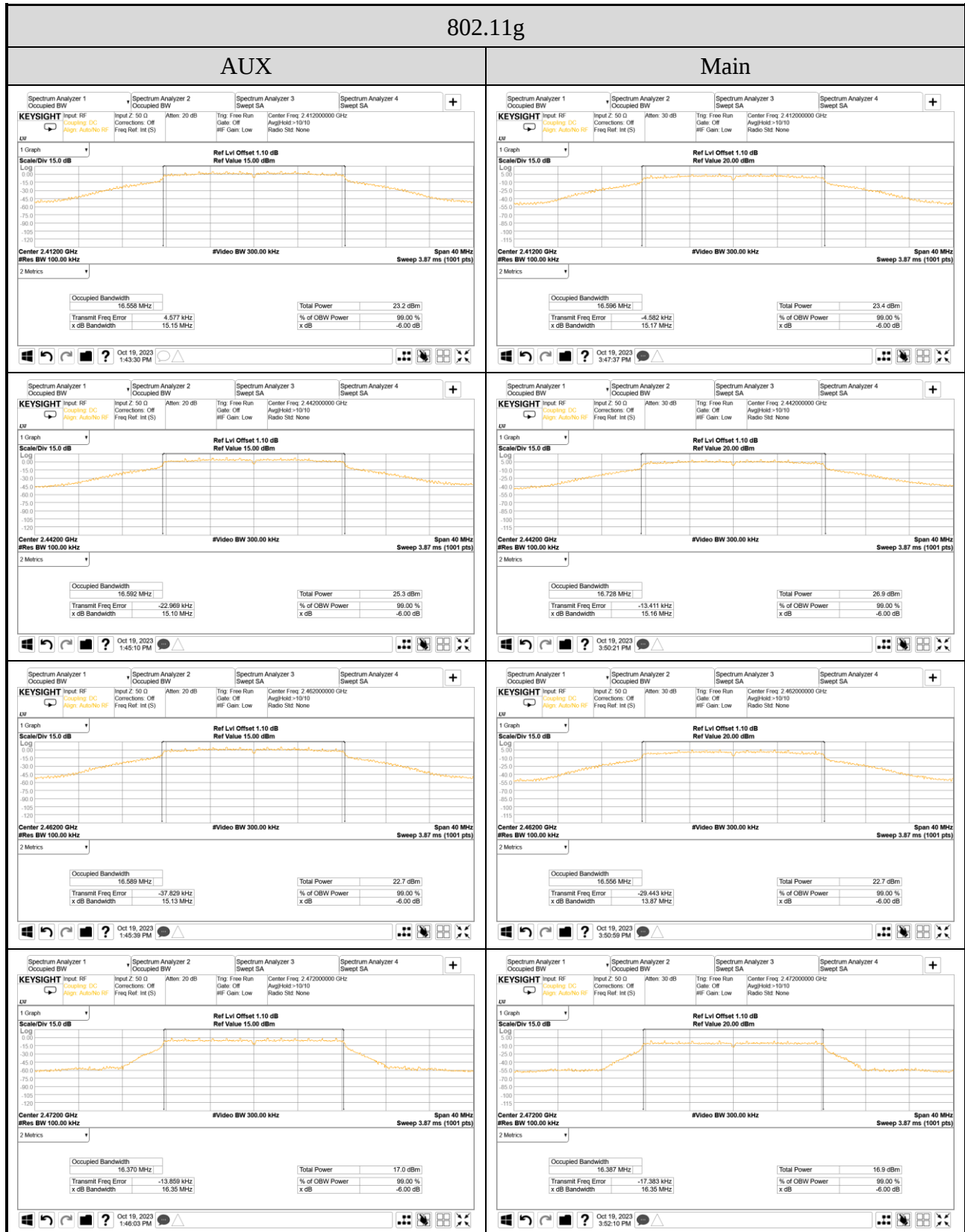
Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)		Occupied (99%) Bandwidth (MHz)		Limit
		AUX	Main	AUX	Main	
802.11b	2412	8.589	9.070	13.477	13.633	>500kHz
	2442	8.594	9.072	13.570	13.566	
	2462	8.120	8.573	13.548	13.567	
	2472	8.594	9.093	13.431	13.432	
802.11g	2412	15.15	15.17	16.791	16.815	
	2442	15.10	15.16	16.735	16.665	
	2462	15.13	13.87	16.701	16.850	
	2472	16.35	16.35	16.401	16.402	
802.11n-HT20	2412	15.16	15.09	17.750	17.723	
	2442	13.83	15.07	17.745	17.782	
	2462	15.69	17.56	17.747	17.753	
	2472	17.58	17.59	17.581	17.599	
802.11n-HT40	2422	26.65	35.15	35.936	35.899	
	2442	35.08	31.19	35.891	35.961	
	2452	33.78	34.12	35.928	35.917	
	2462	35.99	36.45	36.130	36.180	
802.11ax-HE20	2412	16.14	15.13	18.931	18.966	
	2442	16.60	15.15	18.974	18.926	
	2462	14.82	14.96	18.942	18.968	
	2472	18.05	17.92	18.715	18.724	
802.11ax-HE40	2422	34.70	35.13	37.411	37.422	
	2442	34.03	29.65	37.417	37.409	
	2452	32.56	31.89	37.439	37.411	
	2462	37.42	37.01	37.556	37.587	

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1Mbps)	2402	0.6665	1.0380	>500kHz
	2440	0.6752	1.0371	
	2480	0.6900	1.0375	
BLE (2Mbps)	2402	1.120	2.0368	>500kHz
	2440	1.117	2.0395	
	2480	1.131	2.0340	
BLE (PHY Coded S2)	2402	0.6605	1.0259	>500kHz
	2440	0.6957	1.0269	
	2480	0.6770	1.0282	
BLE (PHY Coded S8)	2402	0.6100	1.0593	>500kHz
	2440	0.6115	1.0574	
	2480	0.6135	1.0542	

A.3.2 Measurement Plots

● DTS (6dB) Bandwidth

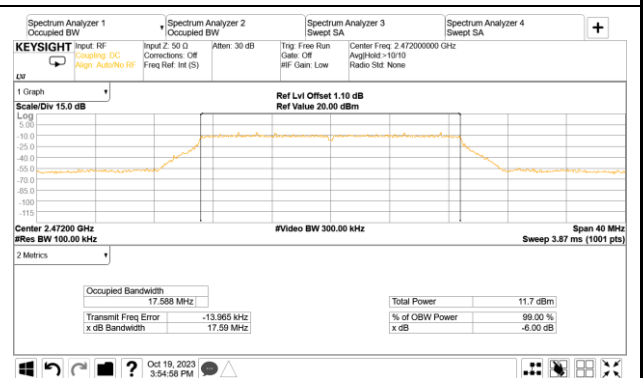
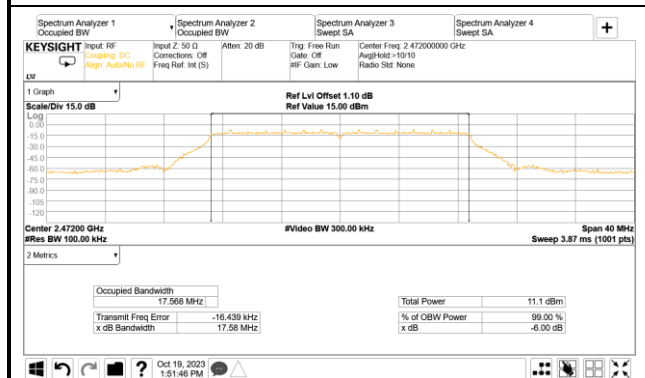
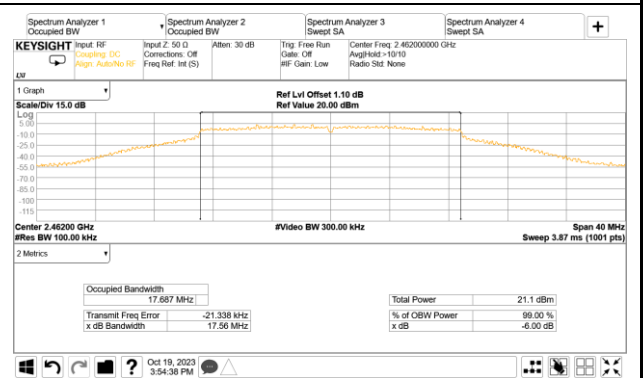
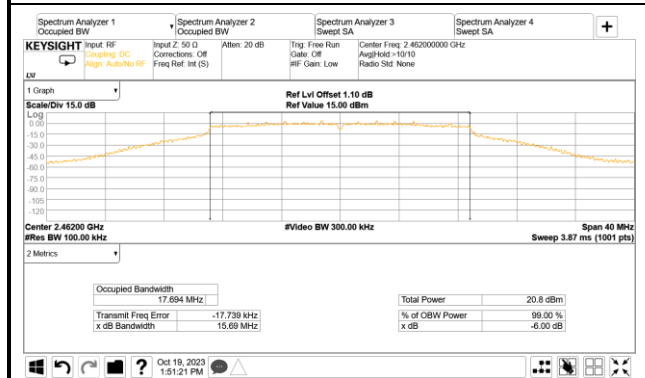
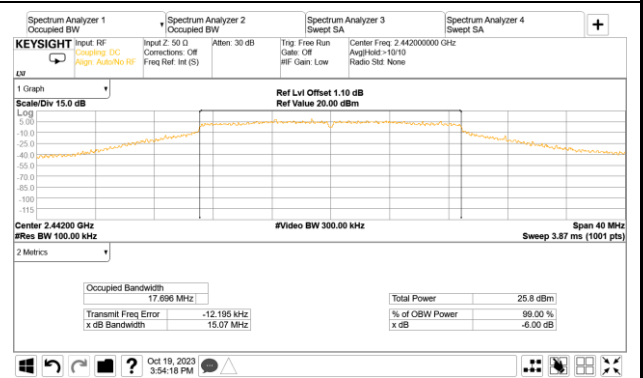
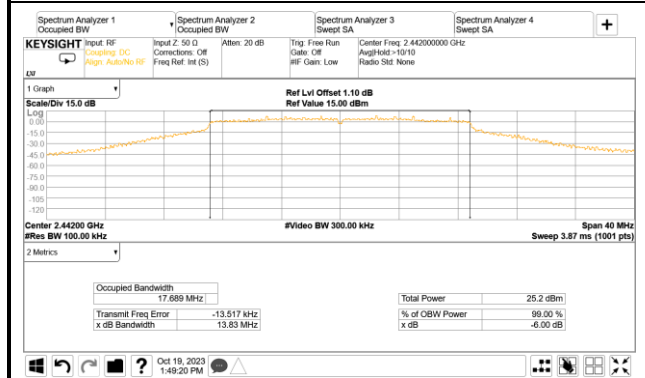
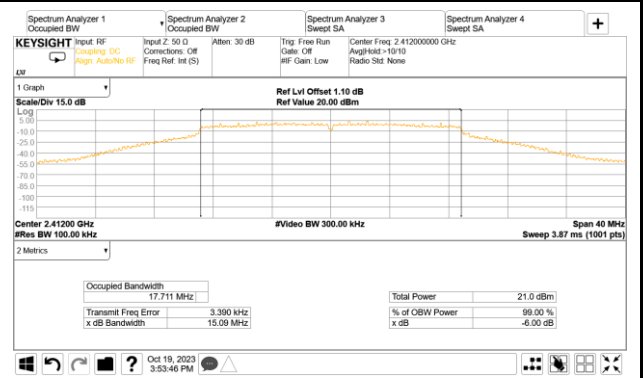
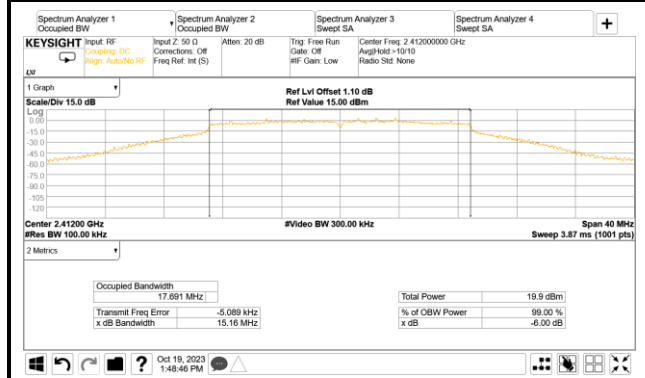




802.11n-HT20

AUX

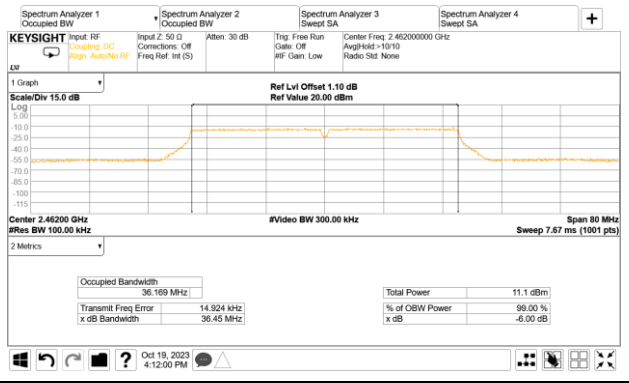
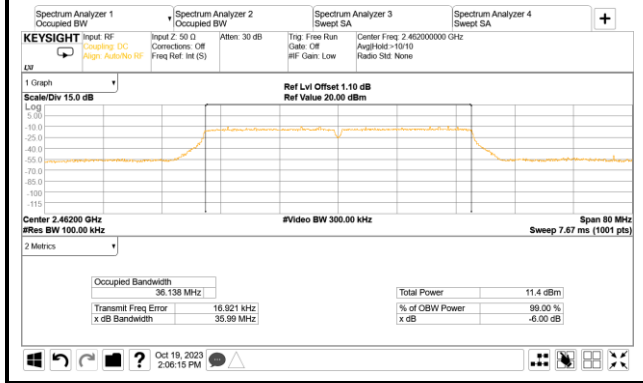
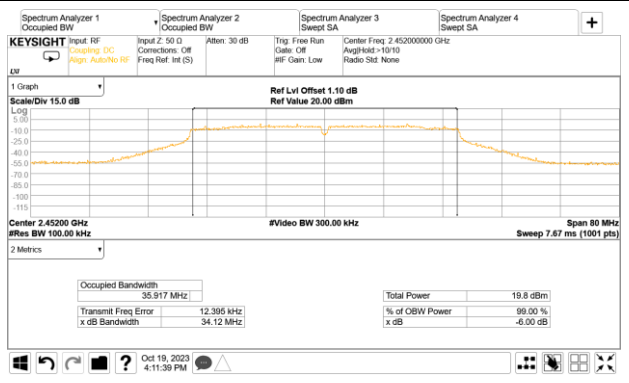
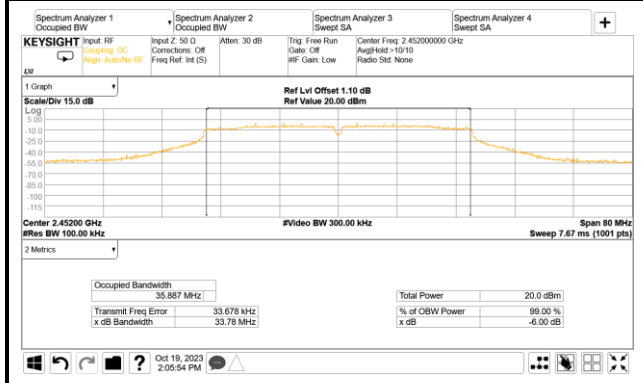
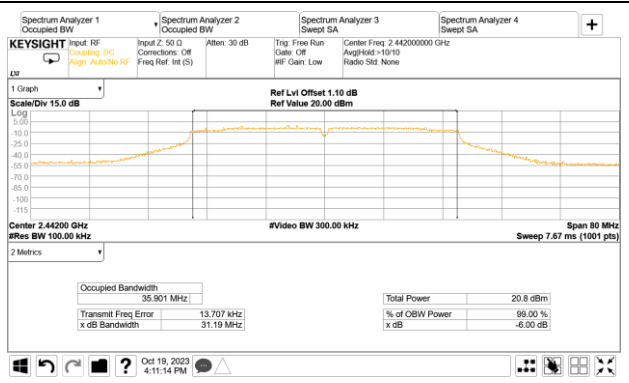
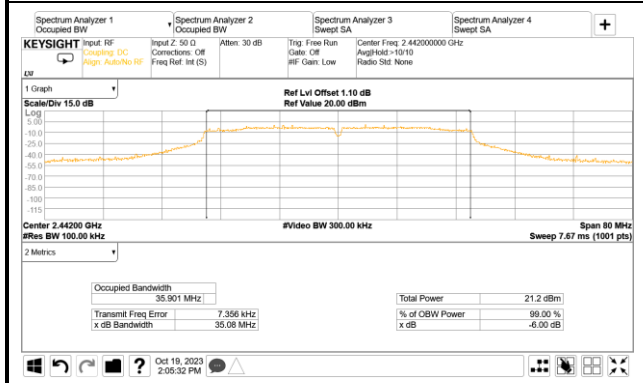
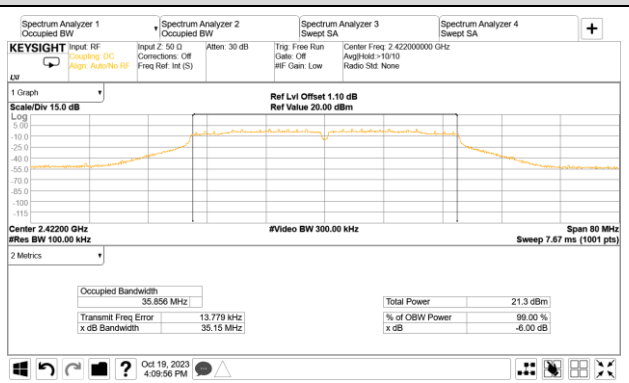
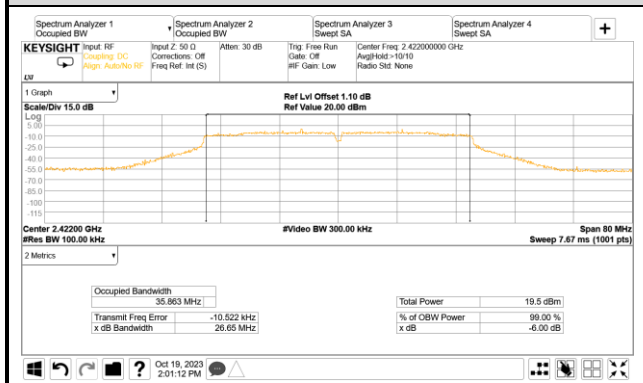
Main



802.11n-HT40

AUX

Main



802.11ax-HE20

AUX

Main

