

### A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2023/10/16 ~ 17	Temp./Hum.	24 ~ 25°C/53 ~ 58%
Cable Loss	WiFi: 1.10dB, BLE: 1.10dB	Tested By	Harry Huang
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

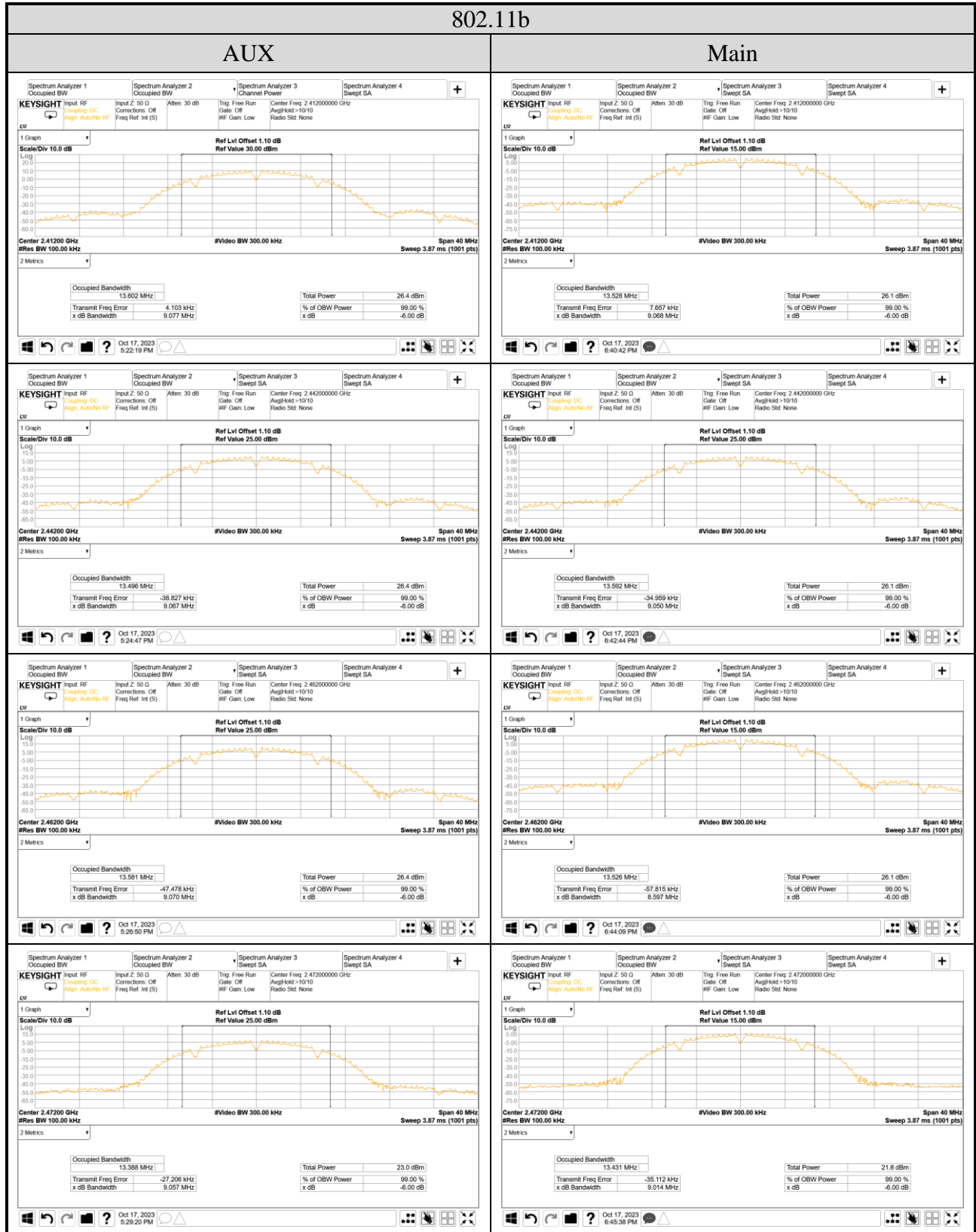
#### A.3.1 DTS/Occupied Bandwidth Result

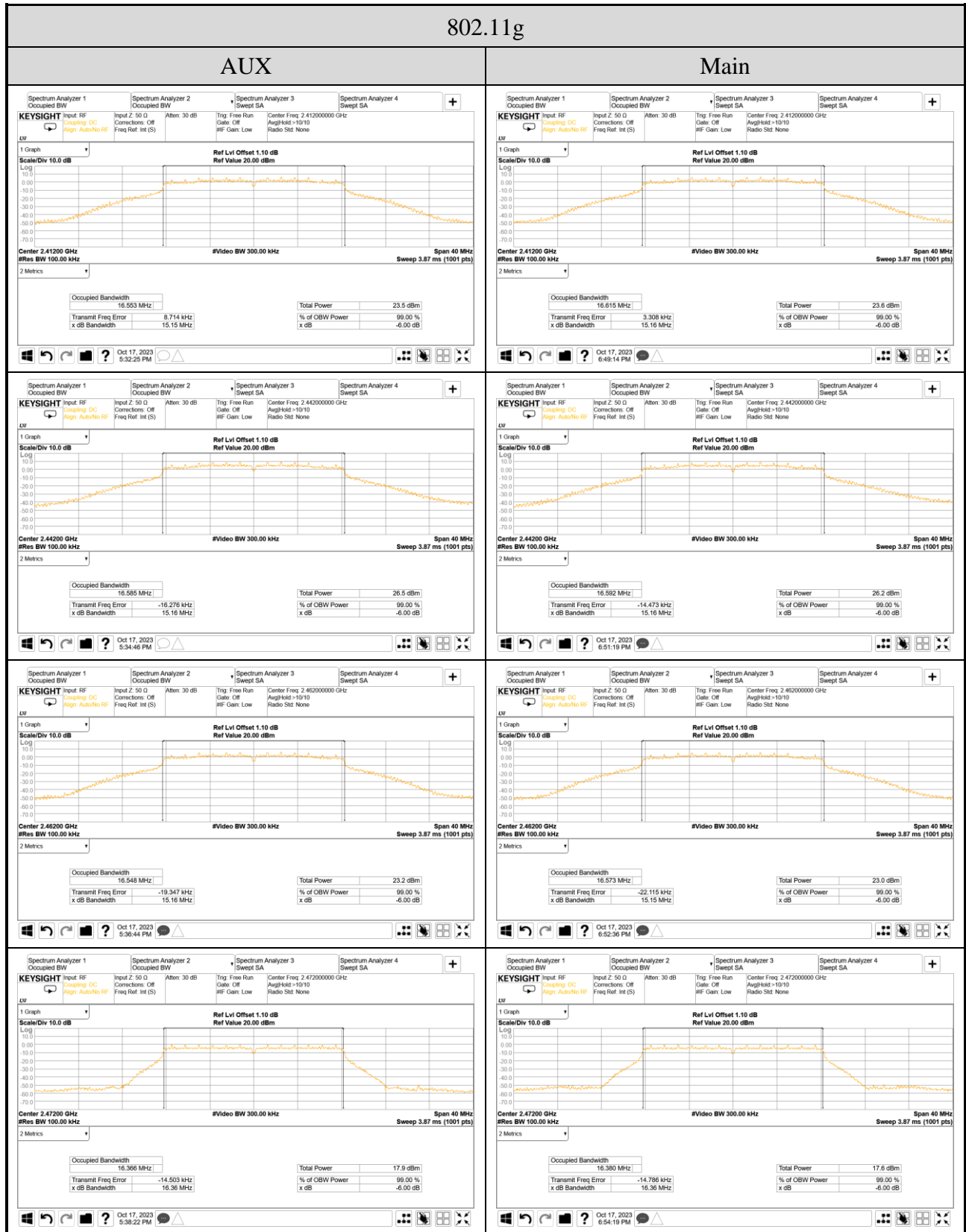
Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)		Occupied (99%) Bandwidth (MHz)		Limit
		AUX	Main	AUX	Main	
802.11b	2412	9.077	9.068	13.595	13.522	>500kHz
	2442	9.067	9.050	13.505	13.558	
	2462	9.070	8.597	13.553	13.545	
	2472	9.057	9.014	13.399	13.398	
802.11g	2412	15.15	15.16	16.692	16.698	
	2442	15.16	15.16	16.670	16.724	
	2462	15.16	15.15	16.677	16.725	
	2472	16.36	16.36	16.396	16.405	
802.11n-HT20	2412	15.16	15.14	17.732	17.738	
	2442	15.16	16.08	17.783	17.832	
	2462	15.10	16.47	17.771	17.688	
	2472	17.57	17.60	17.564	17.596	
802.11n-HT40	2422	35.11	35.14	35.912	35.886	
	2442	35.11	35.10	35.934	35.802	
	2452	32.68	35.12	35.928	35.886	
	2462	36.37	36.40	36.135	36.136	
802.11ax-HE20	2412	15.48	16.88	18.892	18.898	
	2442	15.15	15.11	18.976	18.929	
	2462	16.42	15.16	18.911	18.899	
	2472	18.40	18.12	18.704	18.738	
802.11ax-HE40	2422	35.18	36.73	37.464	37.424	
	2442	35.50	35.55	37.426	37.472	
	2452	35.99	35.13	37.447	37.406	
	2462	37.59	37.60	37.511	37.528	

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1Mbps)	2402	0.6696	1.0382	>500kHz
	2440	0.6713	1.0392	
	2480	0.6777	1.0357	
BLE (2Mbps)	2402	1.119	2.0365	>500kHz
	2440	1.128	2.0379	
	2480	1.134	2.0395	
BLE (PHY Coded S2)	2402	0.6613	1.0313	>500kHz
	2440	0.6710	1.0295	
	2480	0.6845	1.0320	
BLE (PHY Coded S8)	2402	0.6087	1.0603	>500kHz
	2440	0.6093	1.0574	
	2480	0.6124	1.0628	

A.3.2 Measurement Plots

● DTS (6dB) Bandwidth

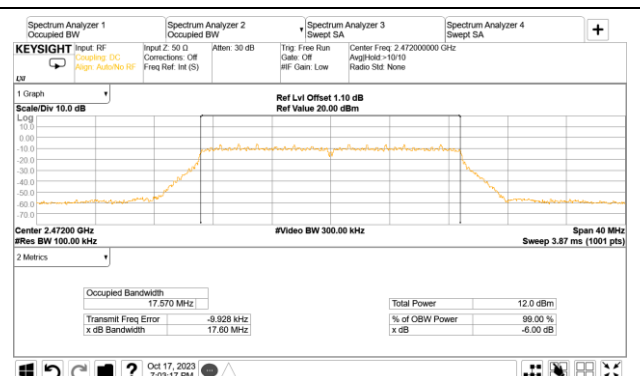
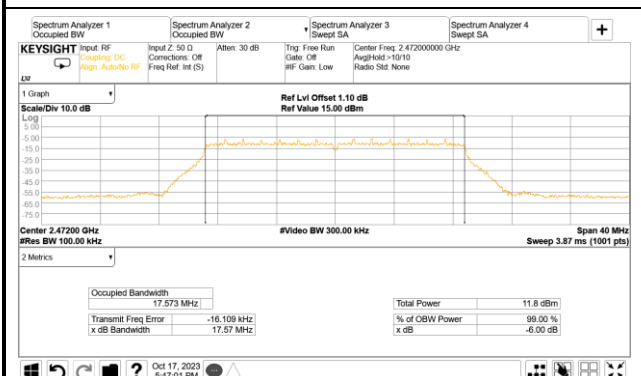
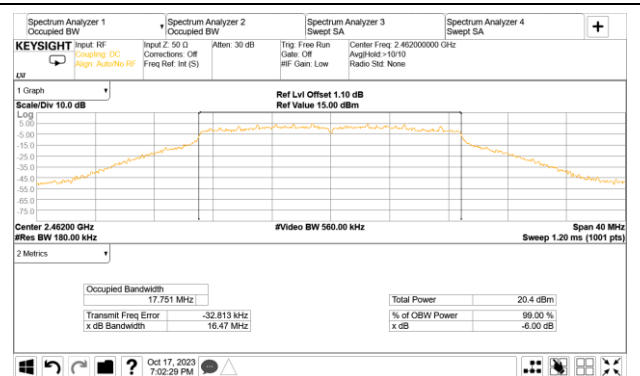
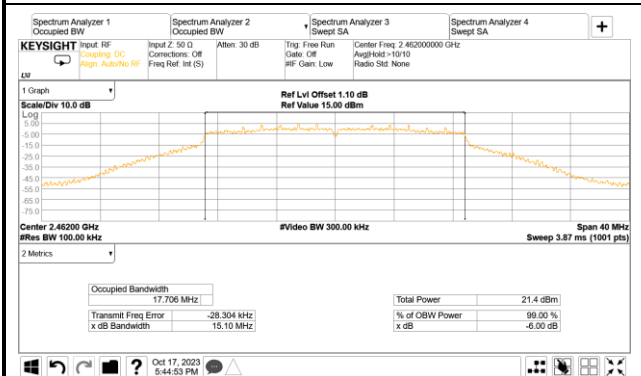
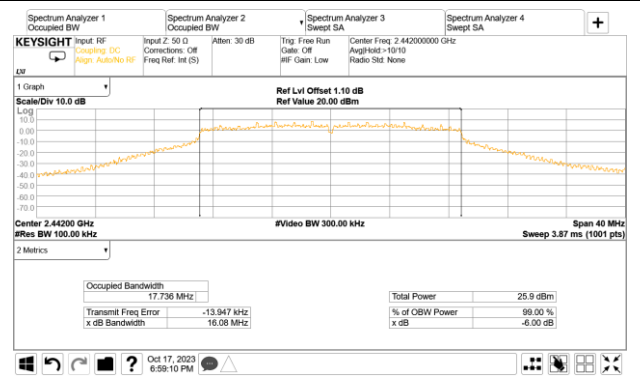
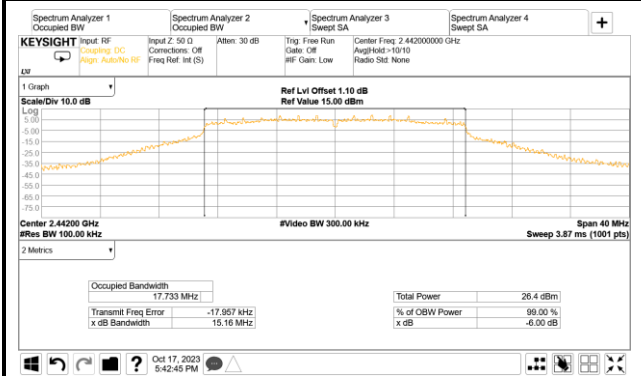
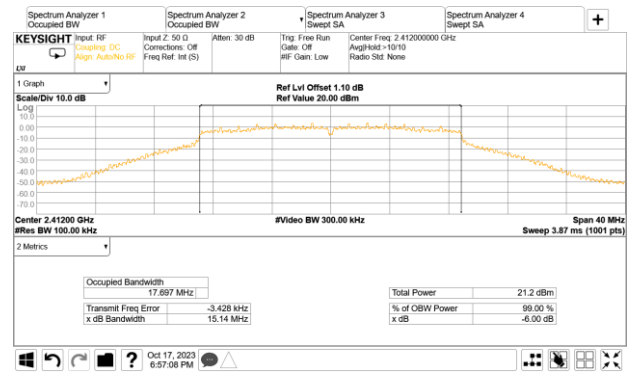
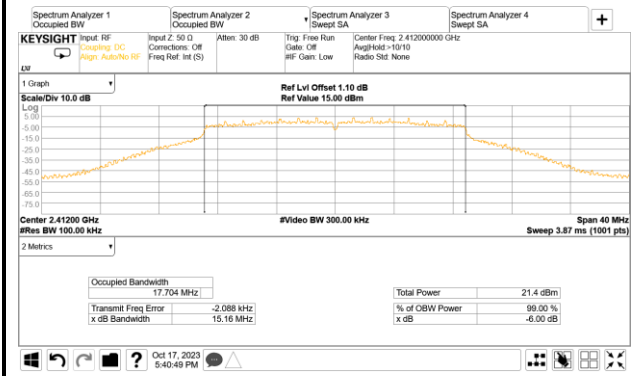




802.11n-HT20

AUX

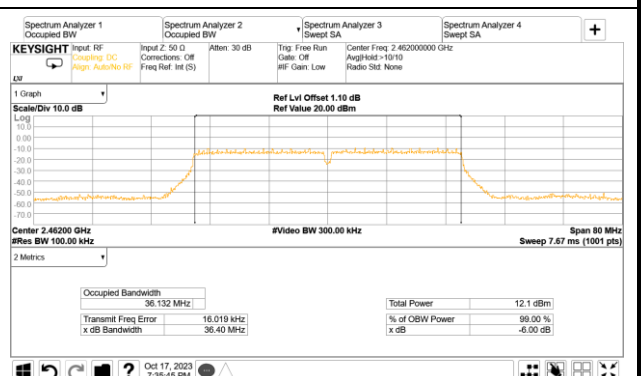
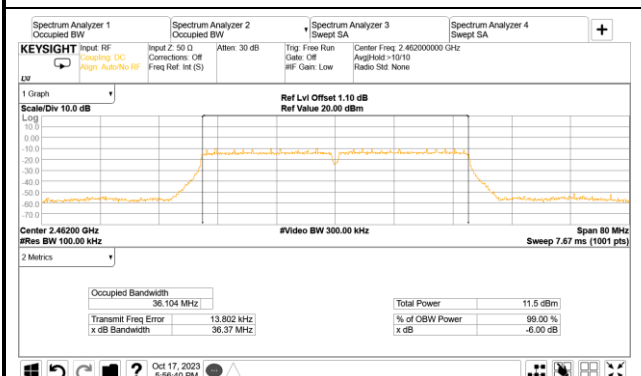
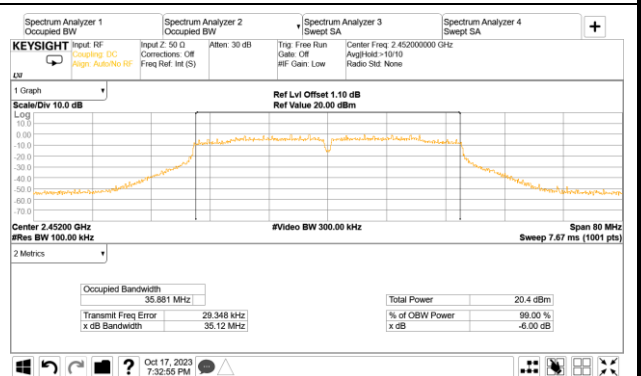
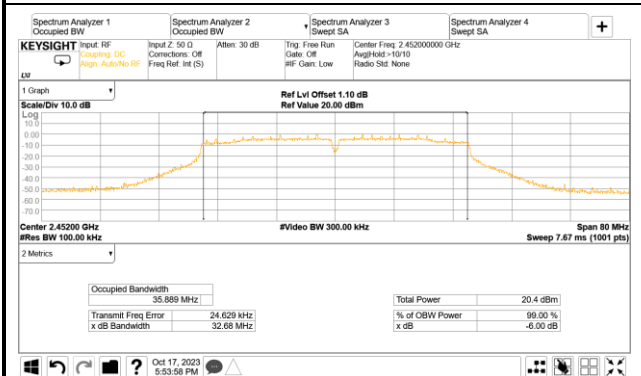
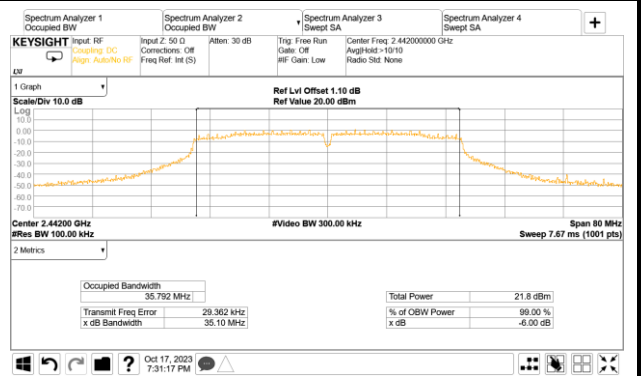
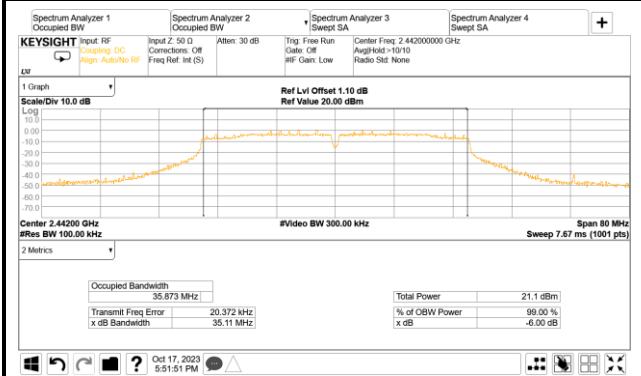
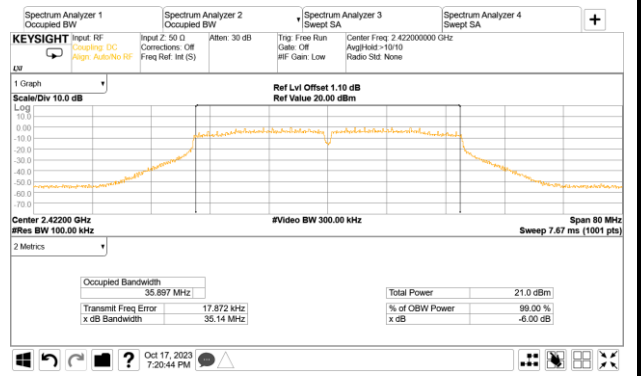
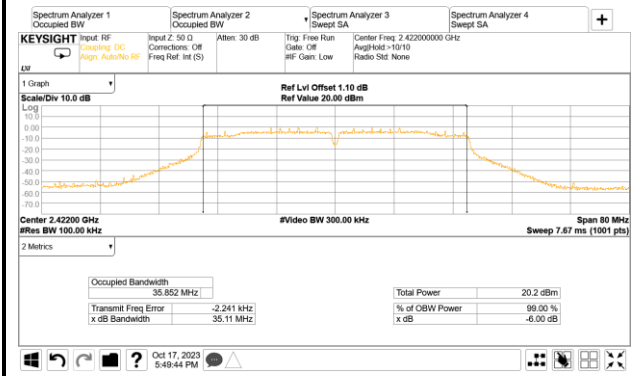
Main



802.11n-HT40

AUX

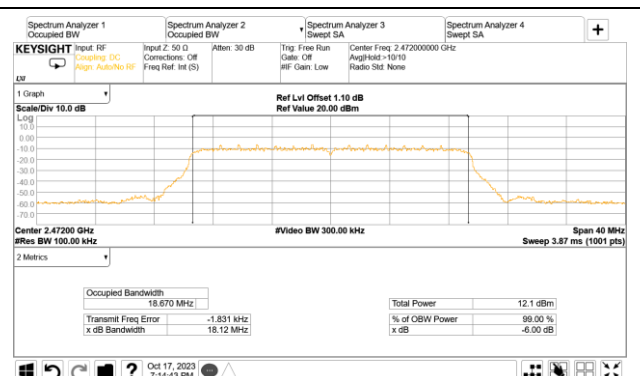
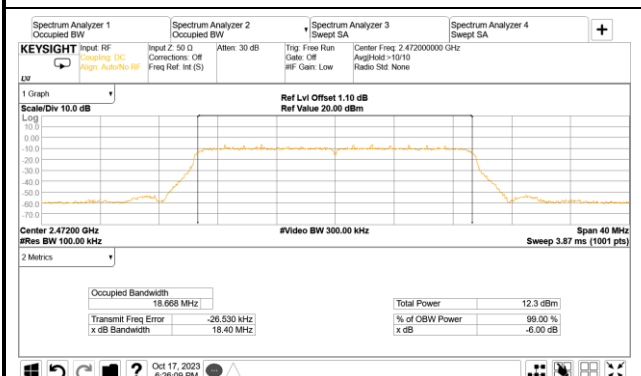
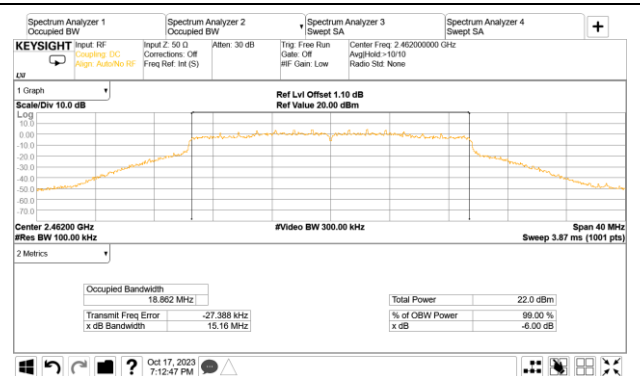
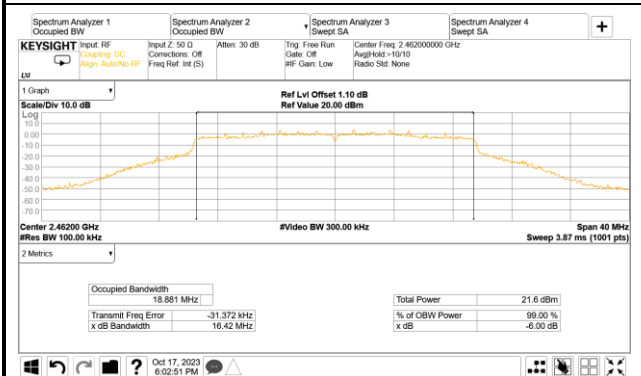
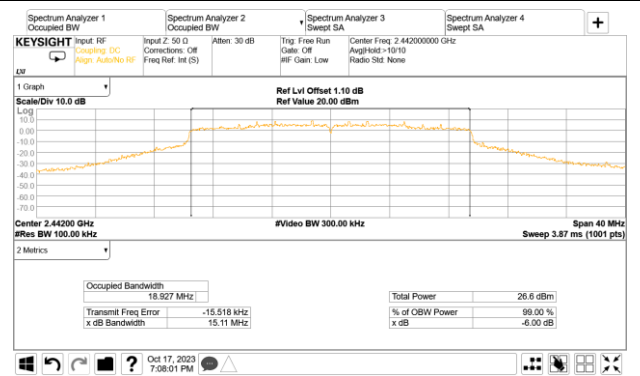
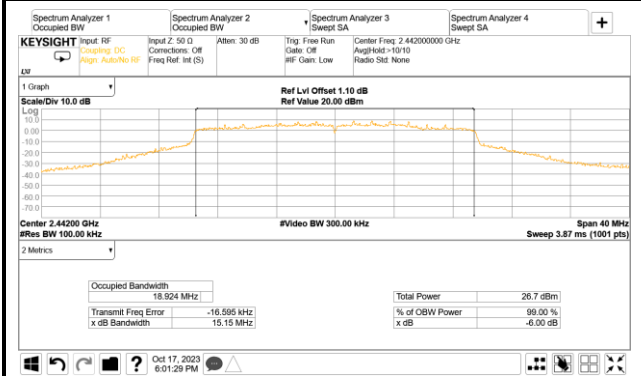
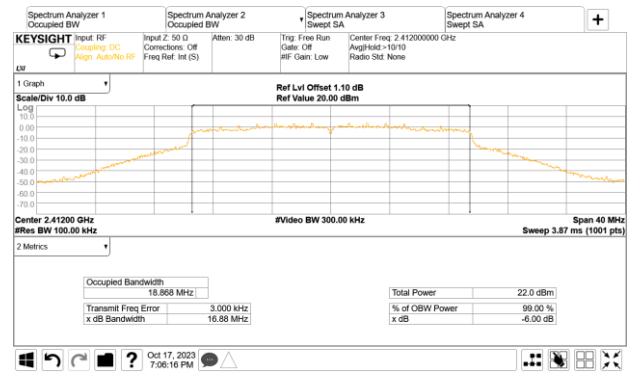
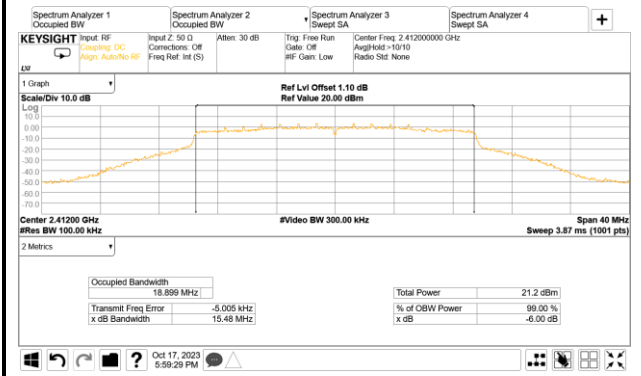
Main



802.11ax-HE20

AUX

Main



## 802.11ax-HE40

