

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2022/10/28~29	Temp./Hum.	22~23°C/61~63%
Cable Loss	0.5dB	Tested By	Brian Hsieh
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

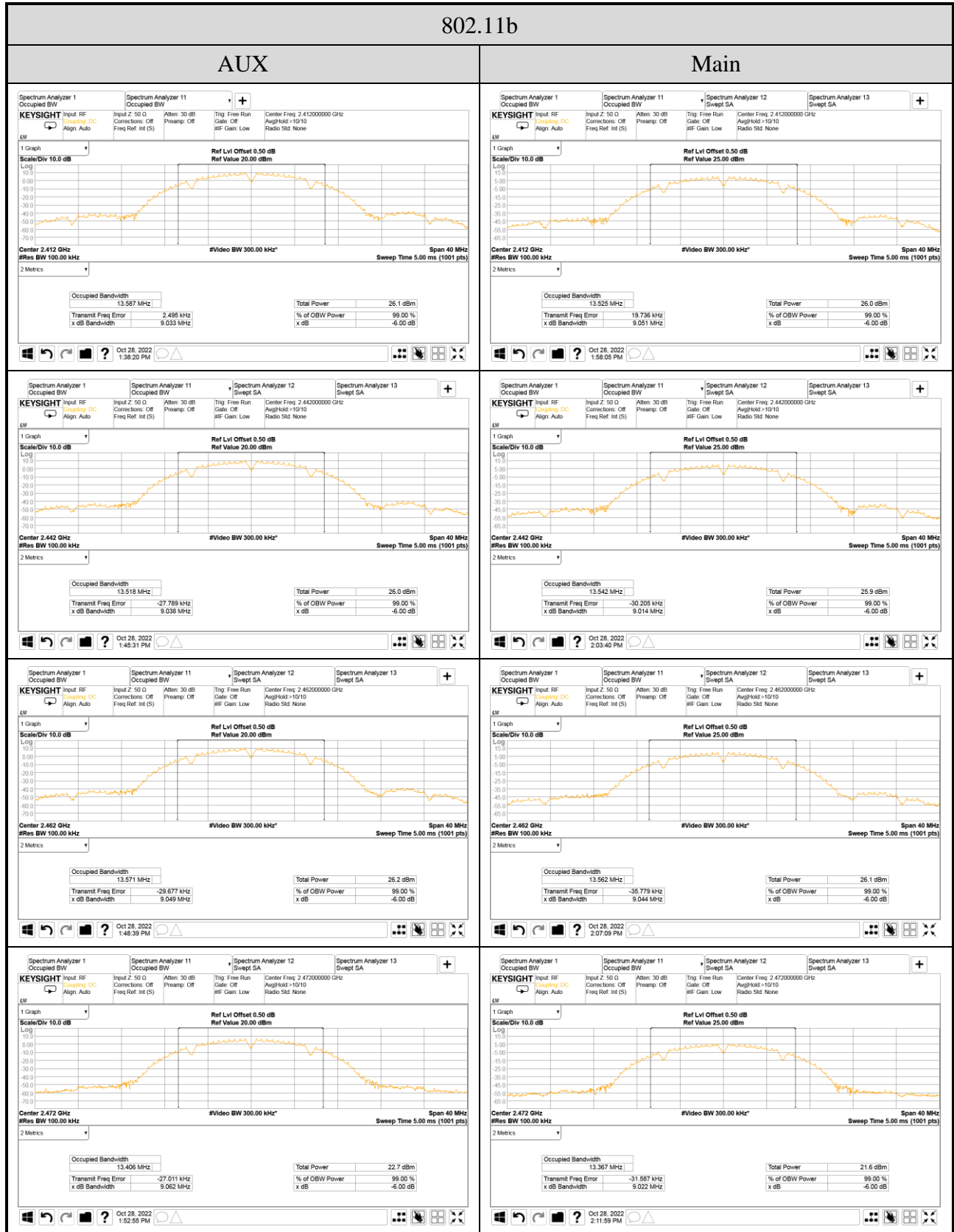
A.3.1 DTS/Occupied Bandwidth Result

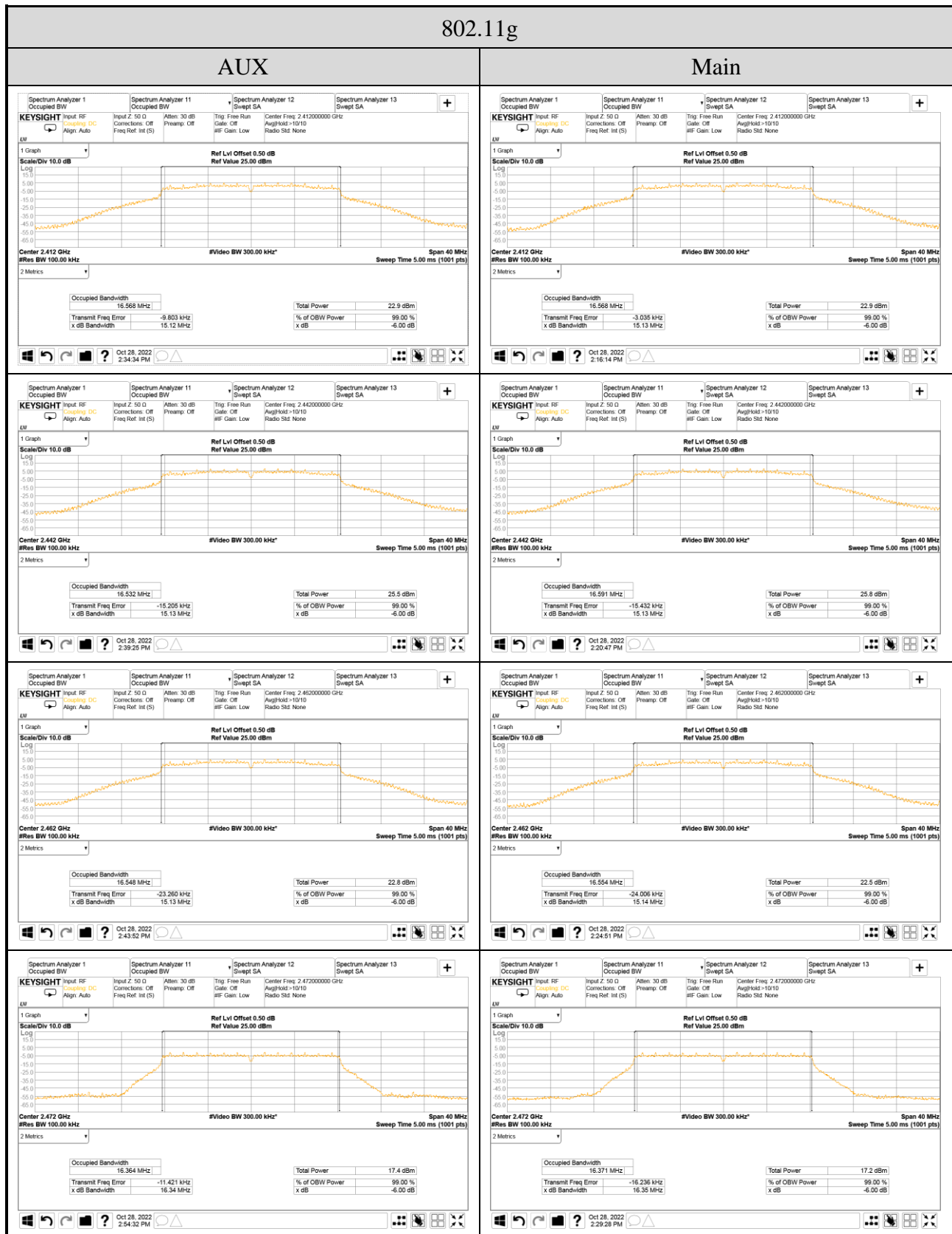
Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)		Occupied (99%) Bandwidth (MHz)		Limit
		AUX	Main	AUX	Main	
802.11b	2412	9.033	9.051	13.586	13.570	>500kHz
	2442	9.038	9.014	13.527	13.559	
	2462	9.049	9.044	13.566	13.553	
	2472	9.062	9.022	13.390	13.365	
802.11g	2412	15.12	15.13	16.739	16.770	
	2442	15.13	15.13	16.742	16.758	
	2462	15.13	15.14	16.791	16.786	
	2472	16.34	16.35	16.418	16.412	
802.11n-HT20	2412	15.10	15.66	17.784	17.889	
	2442	15.34	16.88	17.802	17.808	
	2462	15.07	16.54	17.773	17.785	
	2472	17.58	17.60	17.564	17.580	
802.11n-HT40	2422	35.16	35.17	35.934	35.876	
	2442	35.17	35.15	35.943	35.914	
	2452	35.13	35.17	35.988	35.891	
	2462	36.35	36.42	36.165	36.107	
802.11ax-HE20	2412	16.07	16.31	18.916	18.916	
	2442	16.71	16.39	18.960	18.946	
	2462	16.69	16.27	18.940	18.986	
	2472	17.72	17.81	18.731	18.727	
802.11ax-HE40	2422	35.16	35.94	37.401	37.429	
	2442	35.61	35.76	37.454	37.436	
	2452	35.20	35.27	37.422	37.412	
	2462	37.43	37.20	37.580	37.539	

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1Mbps)	2402	0.6842	1.0520	>500kHz
	2440	0.6790	1.0474	
	2480	0.6770	1.0471	
BLE (2Mbps)	2402	1.131	2.0570	>500kHz
	2440	1.141	2.0527	
	2480	1.149	2.0549	
BLE (PHY Coded S2)	2402	0.6996	1.0394	>500kHz
	2440	0.6719	1.0360	
	2480	0.6775	1.0345	
BLE (PHY Coded S8)	2402	0.6156	1.0706	>500kHz
	2440	0.6194	1.0658	
	2480	0.6426	1.0678	

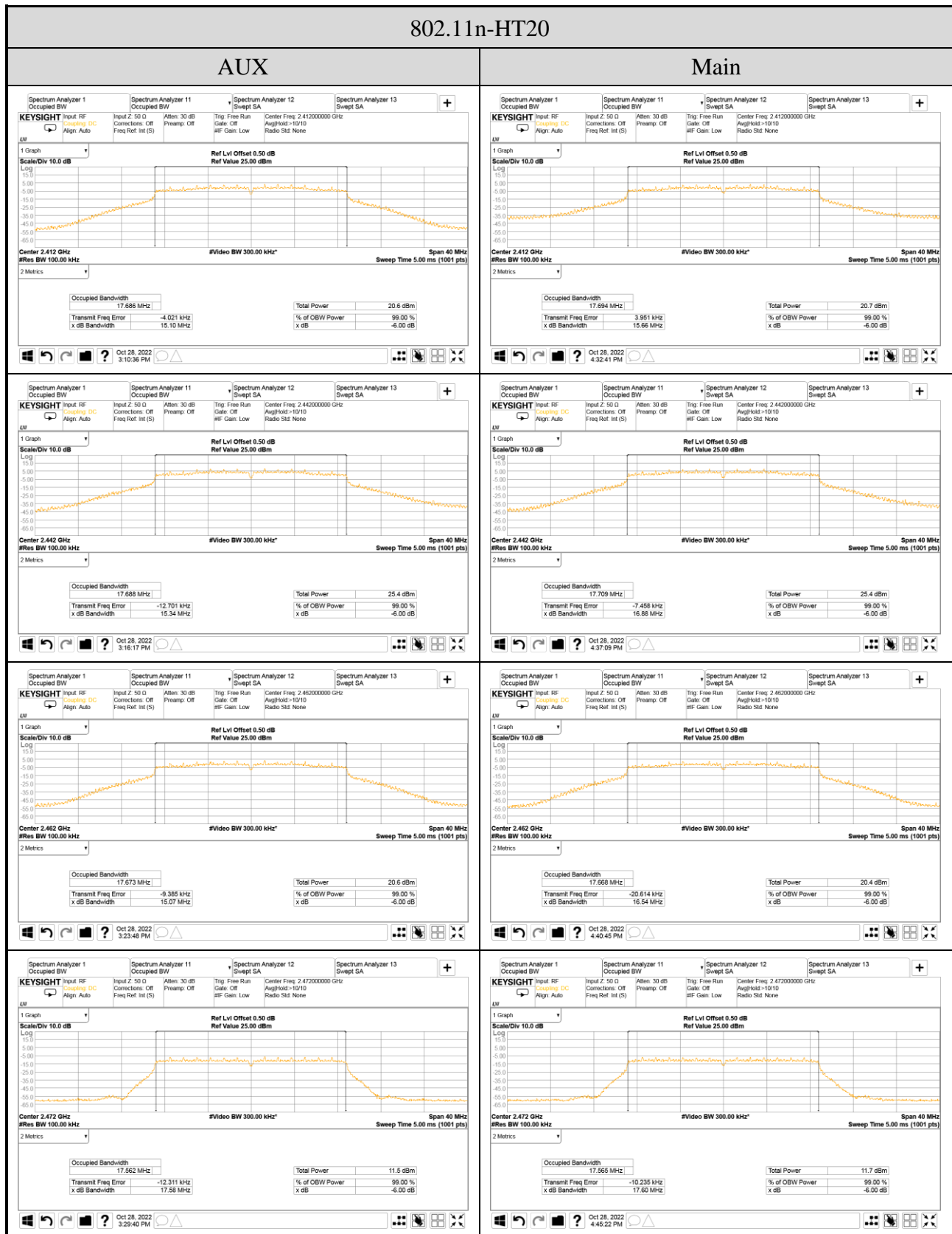
A.3.2 Measurement Plots

● DTS (6dB) Bandwidth

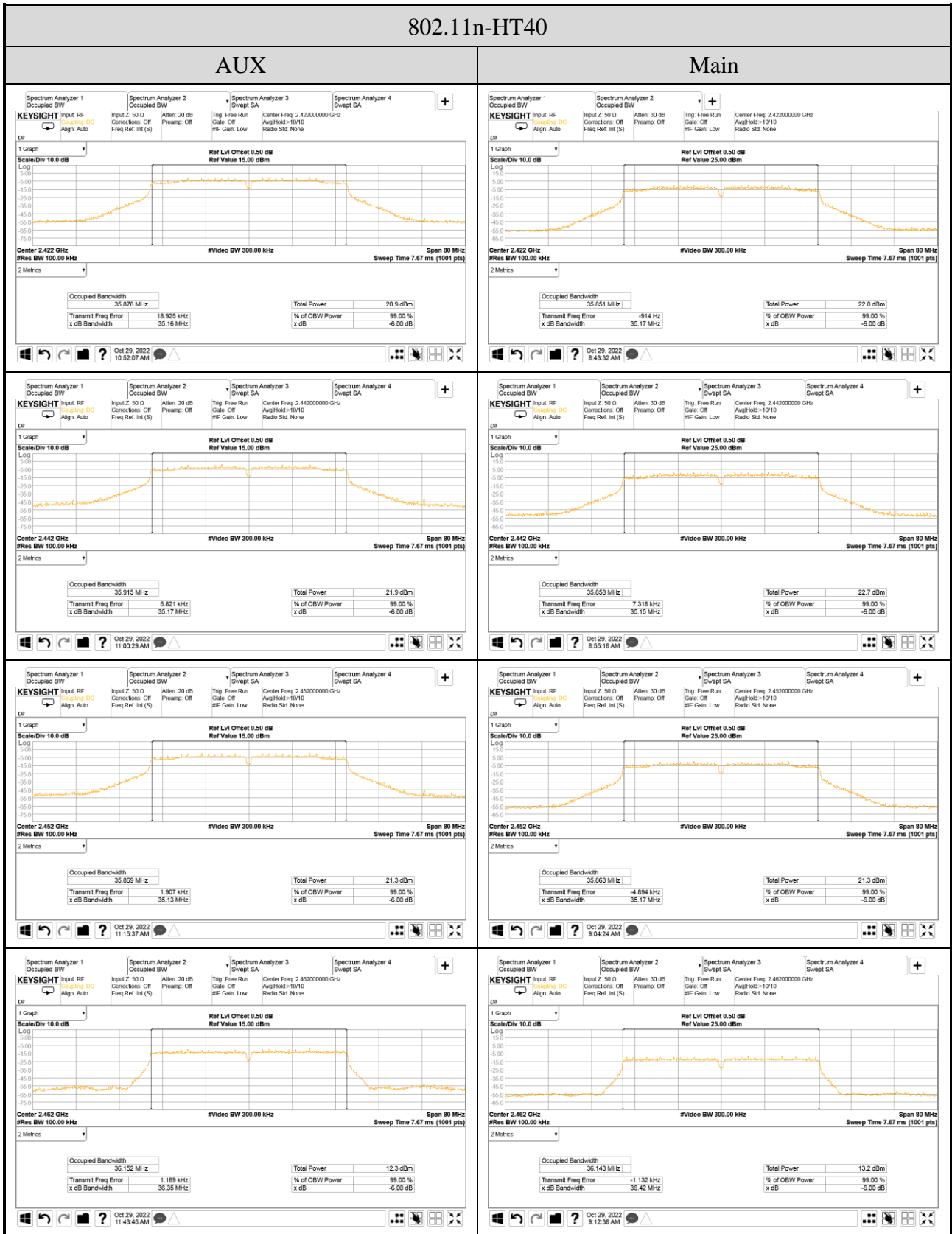




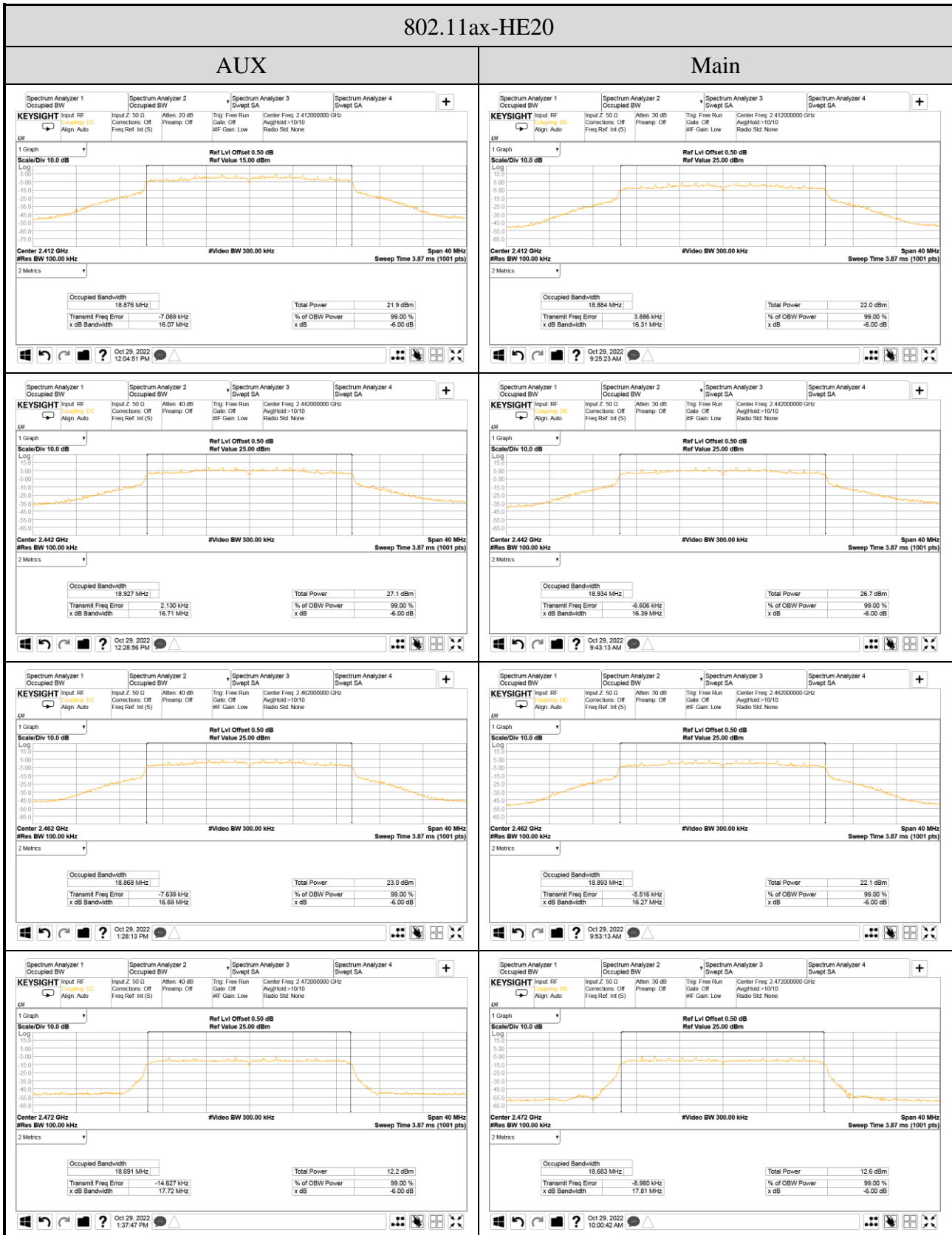
802.11n-HT20



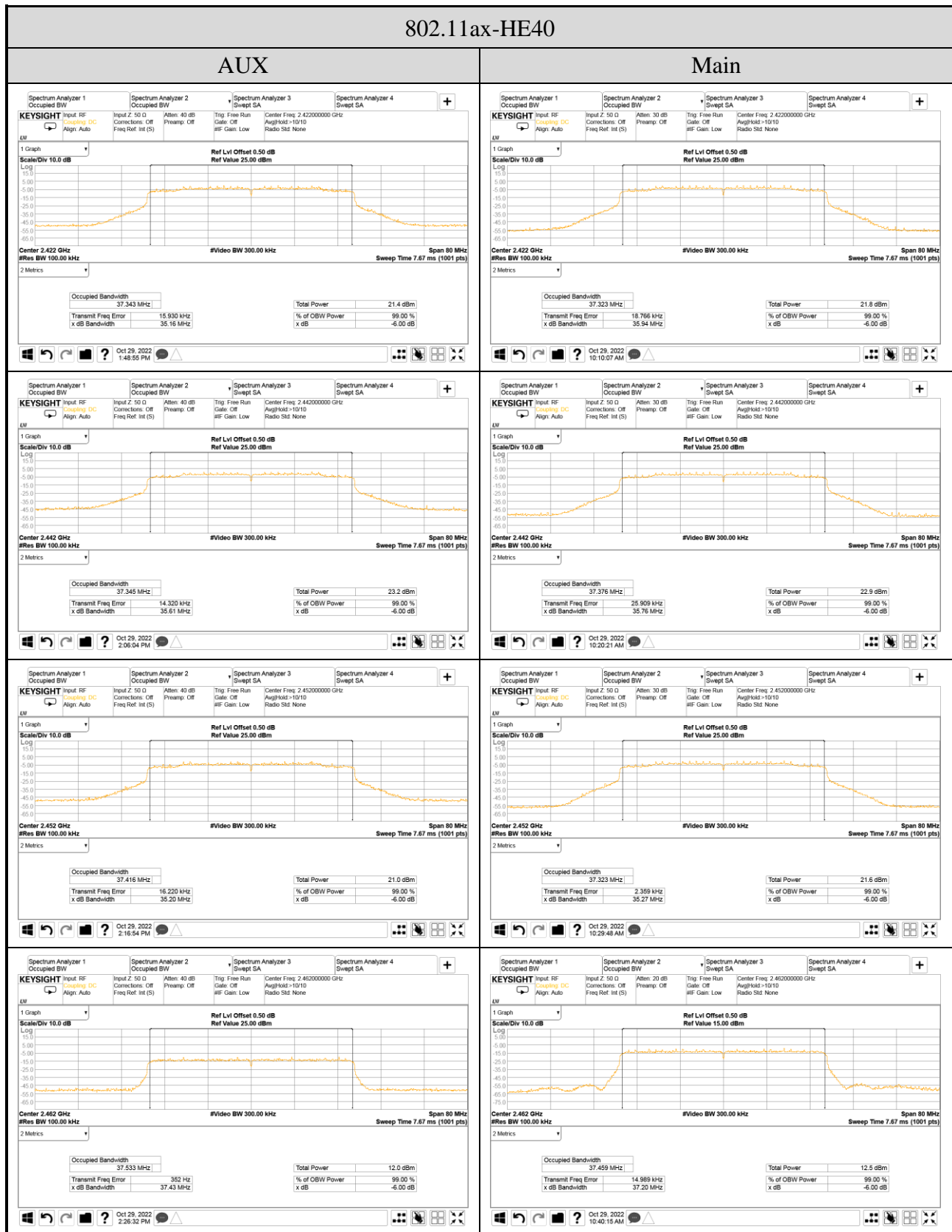
802.11n-HT40

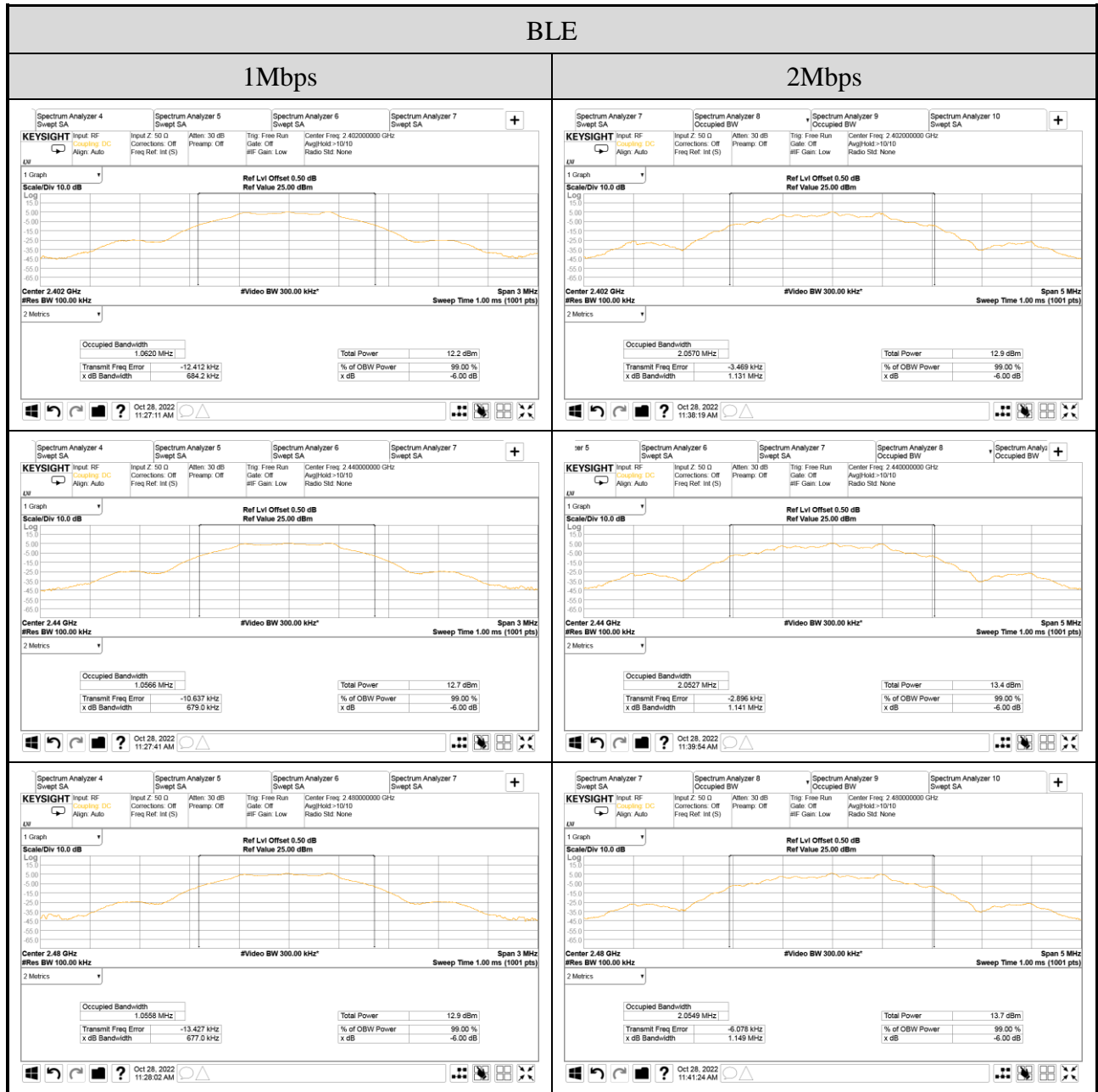


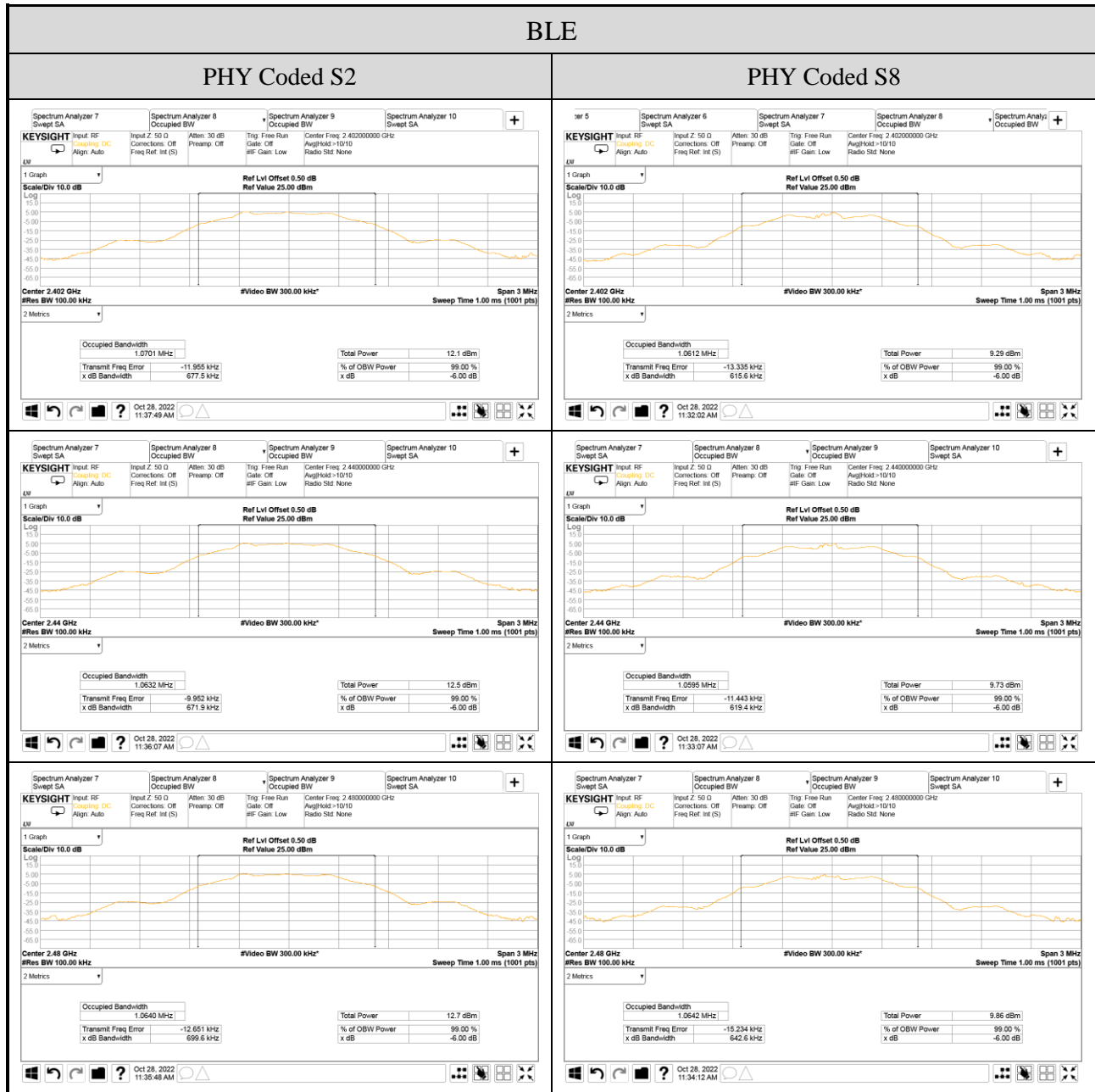
802.11ax-HE20



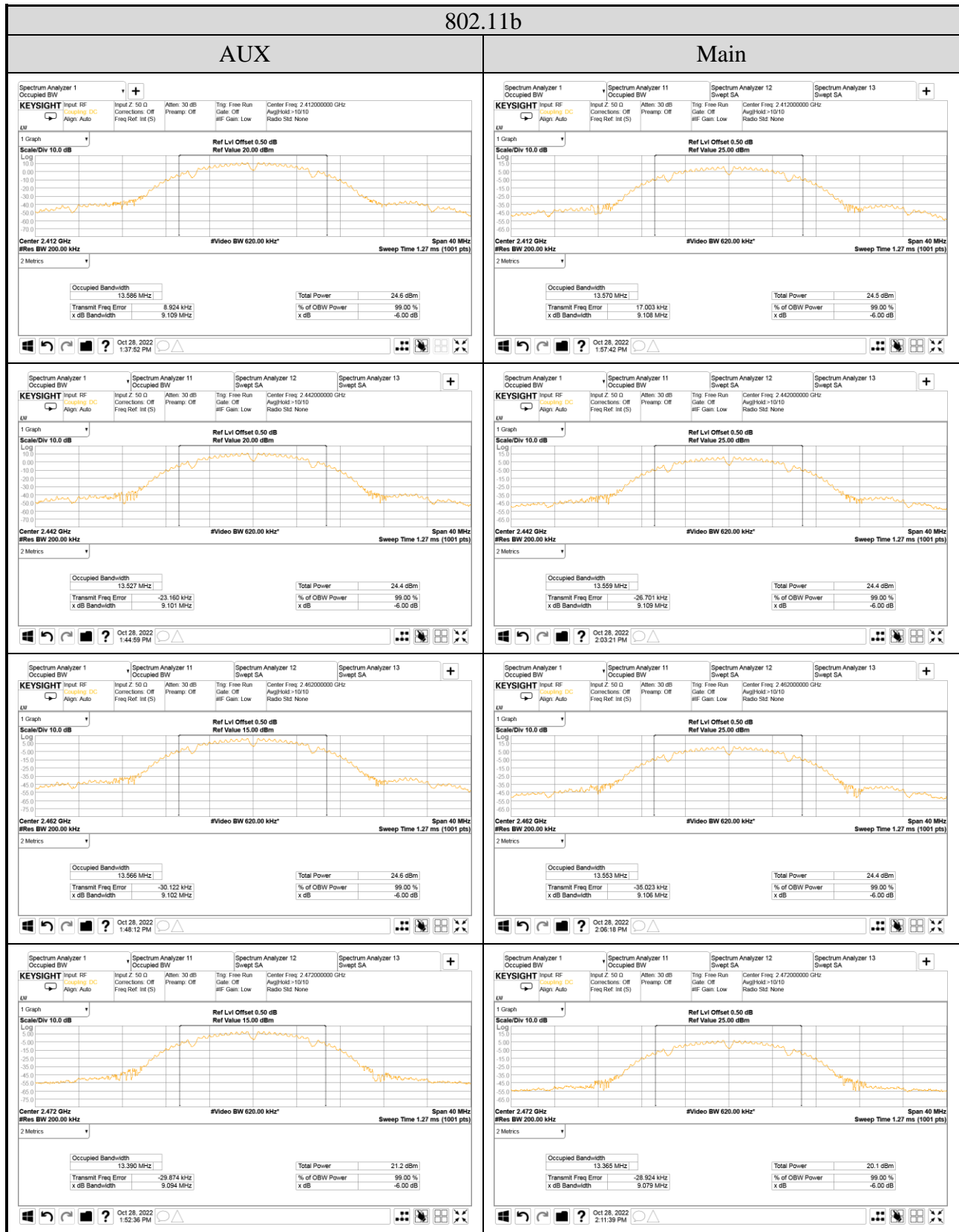
802.11ax-HE40







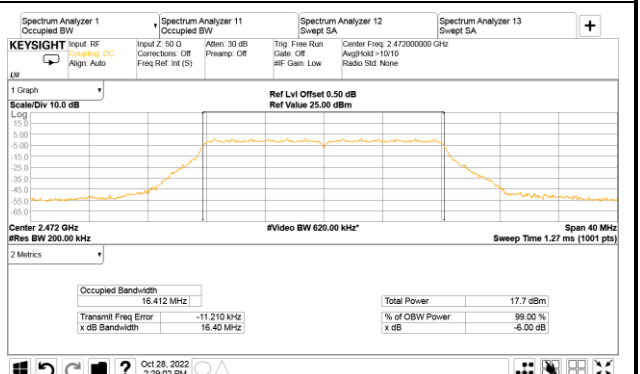
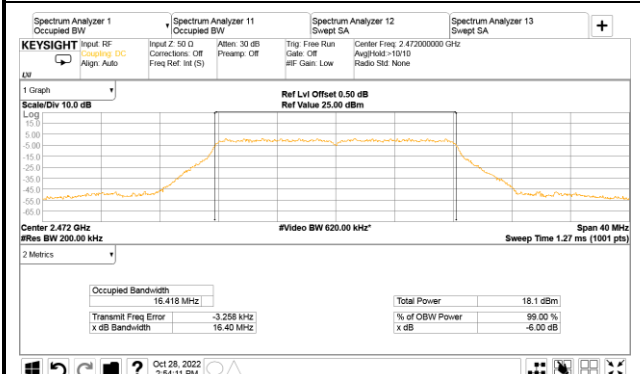
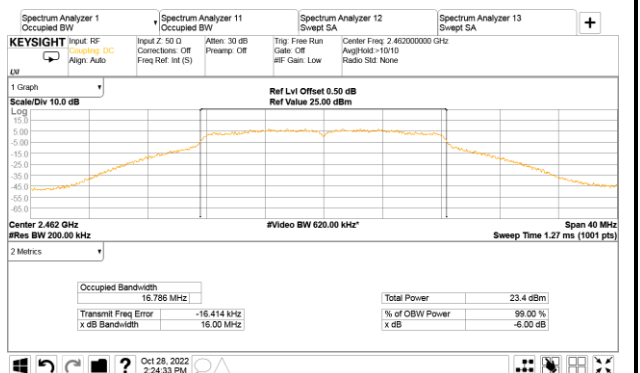
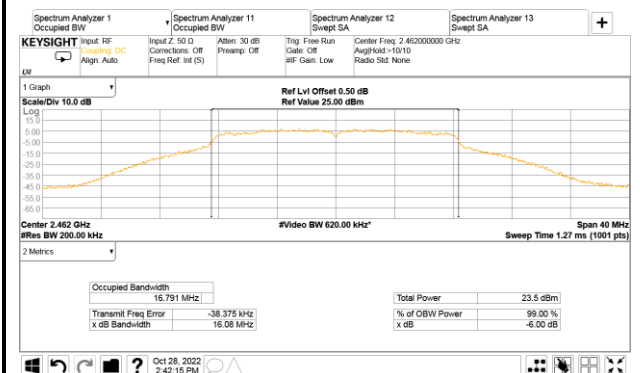
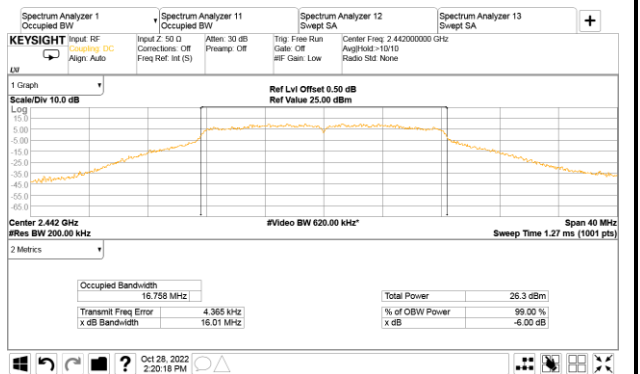
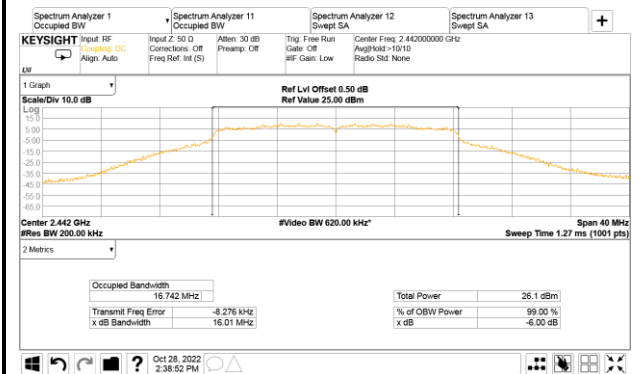
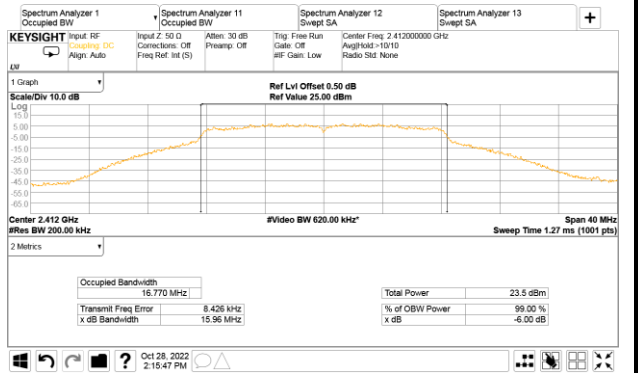
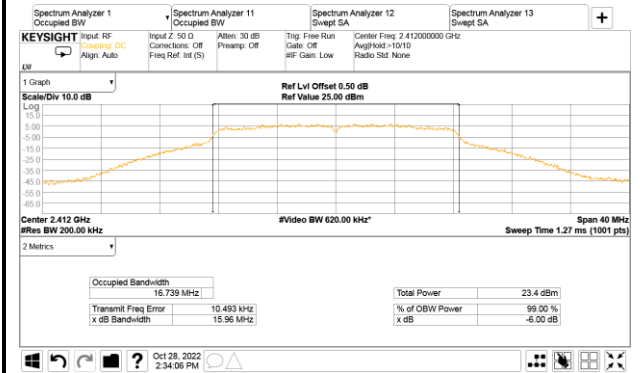
● Occupied (99%) Bandwidth



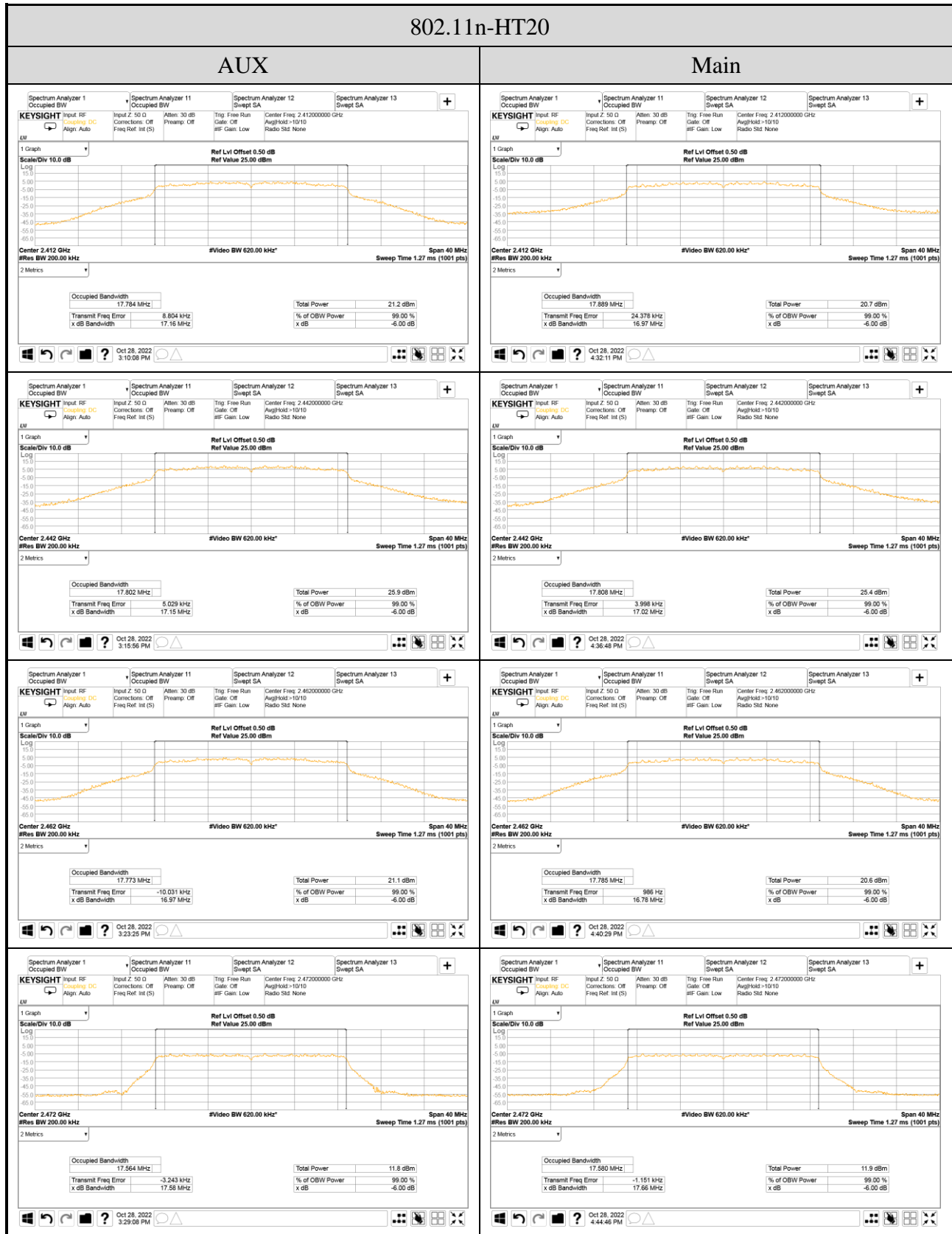
802.11g

AUX

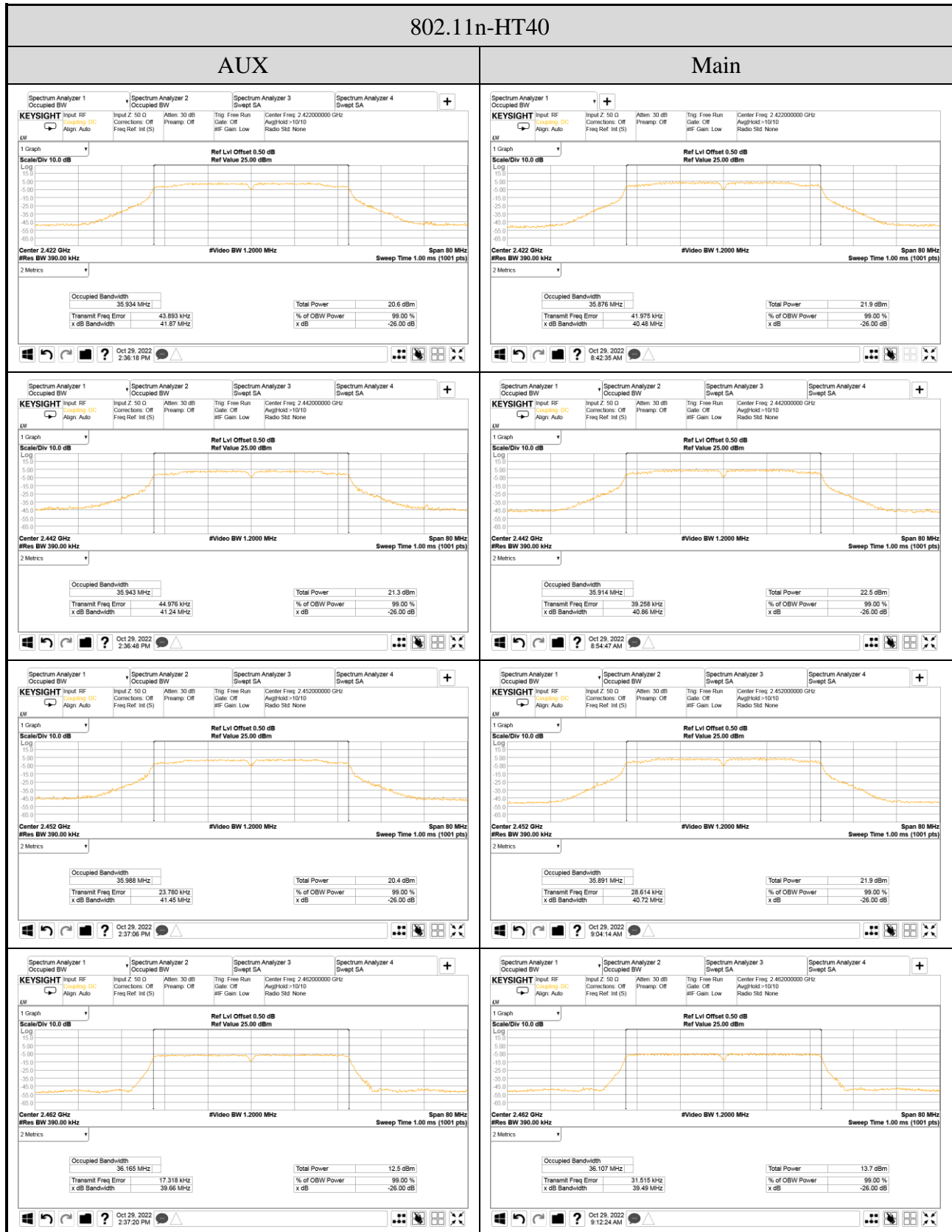
Main



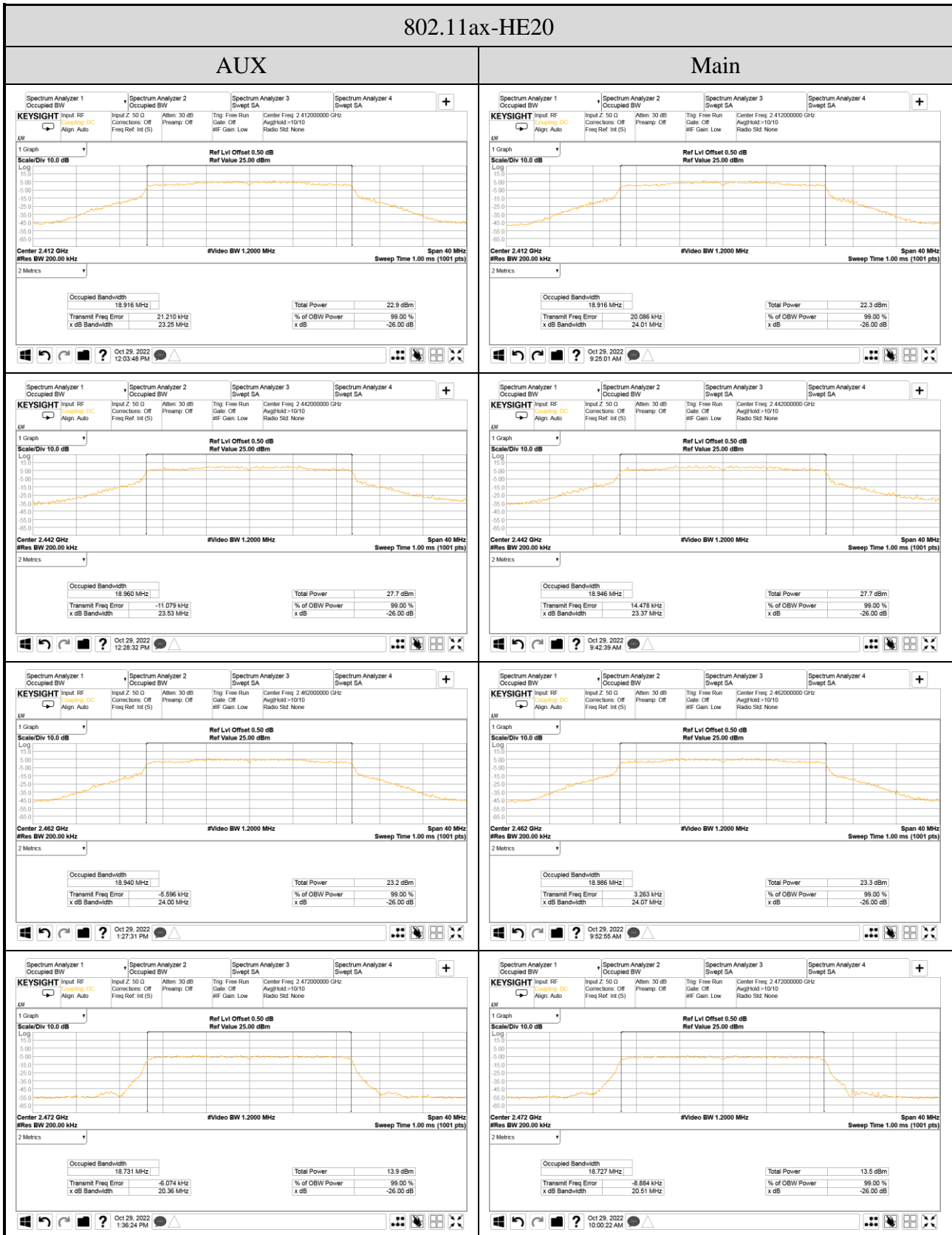
802.11n-HT20



802.11n-HT40



802.11ax-HE20



802.11ax-HE40

