

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2023/01/10 ~ 13	Temp./Hum.	21 ~ 22°C/59 ~ 63%
Cable Loss	0.50dB	Tested By	Sam Chang
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

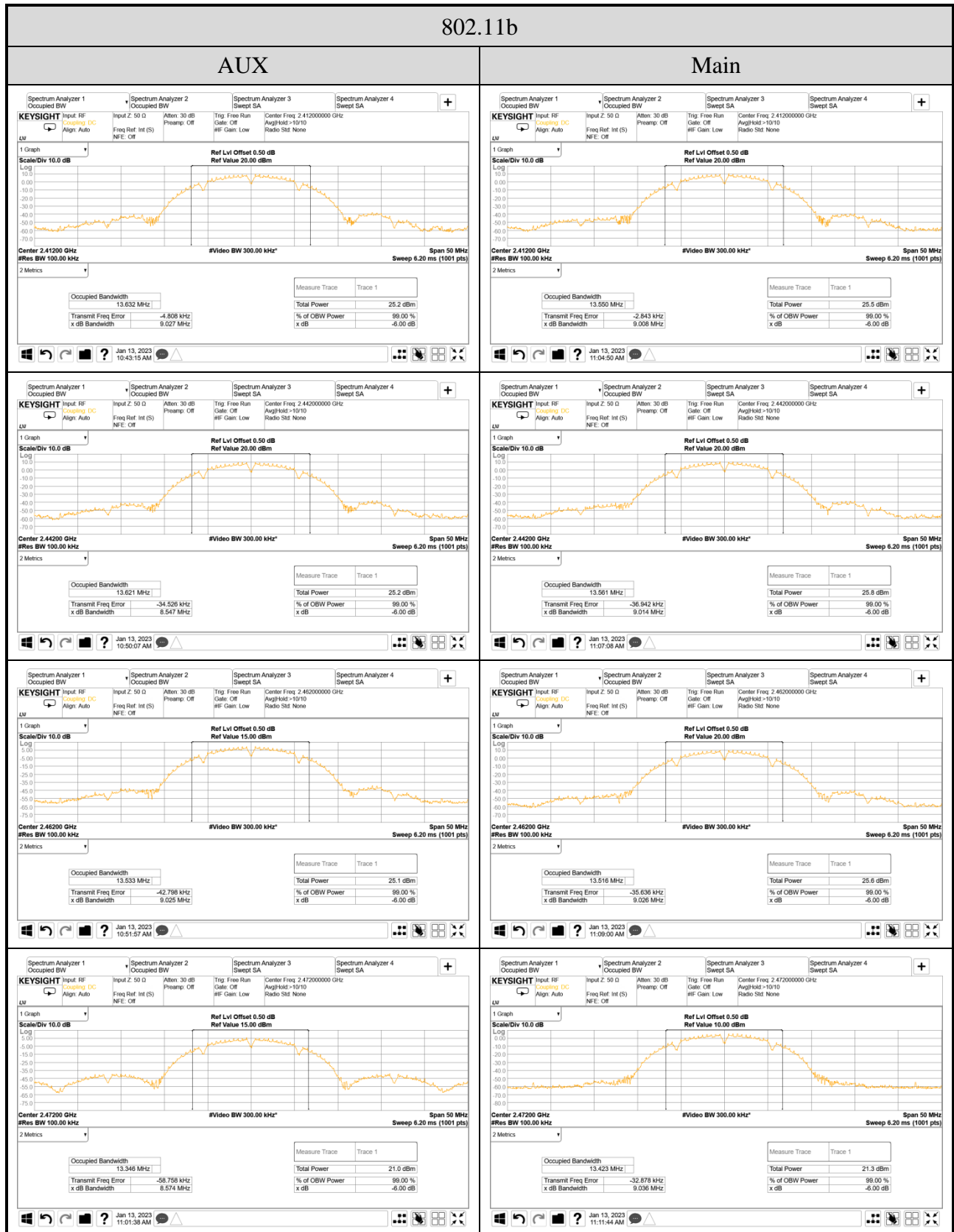
A.3.1 DTS/occupied Bandwidth Result

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)		Occupied (99%) Bandwidth (MHz)		Limit
		AUX	Main	AUX	Main	
802.11b	2412	9.027	9.008	13.605	13.565	>500kHz
	2442	8.547	9.014	13.600	13.562	
	2462	9.025	9.026	13.552	13.539	
	2472	8.574	9.036	13.300	13.390	
802.11g	2412	15.12	15.34	16.695	16.644	
	2442	15.11	15.13	16.726	16.750	
	2462	15.14	15.15	16.689	16.689	
	2472	16.35	16.36	16.389	16.397	
802.11n-HT20	2412	15.12	17.16	17.745	17.724	
	2442	15.73	16.23	17.824	17.797	
	2462	15.70	16.03	17.744	17.733	
	2472	17.57	17.58	17.551	17.589	
802.11n-HT40	2422	35.08	35.12	35.893	35.872	
	2442	35.12	35.10	35.870	35.938	
	2452	35.64	35.62	35.889	35.818	
	2462	36.42	36.44	36.110	36.106	
802.11ax-HE20	2412	15.82	15.09	18.891	18.910	
	2442	16.98	15.79	18.961	18.920	
	2462	16.44	16.57	18.899	18.884	
	2472	17.90	17.86	18.690	18.714	
802.11ax-HE40	2422	35.30	35.10	37.392	37.465	
	2442	36.07	35.78	37.440	37.459	
	2452	35.51	35.37	37.470	37.428	
	2462	37.69	37.54	37.502	37.510	

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1Mbps)	2402	0.6666	1.0388	>500kHz
	2440	0.6809	1.0384	
	2480	0.6810	1.0396	
BLE (2Mbps)	2402	1.111	2.0670	>500kHz
	2440	1.119	2.0636	
	2480	1.125	2.0653	
BLE (PHY Coded S2)	2402	0.6562	1.0323	>500kHz
	2440	0.6747	1.0305	
	2480	0.6728	1.0303	
BLE (PHY Coded S8)	2402	0.6053	1.0641	>500kHz
	2440	0.6044	1.0633	
	2480	0.6067	1.0620	

A.3.2 Measurement Plots

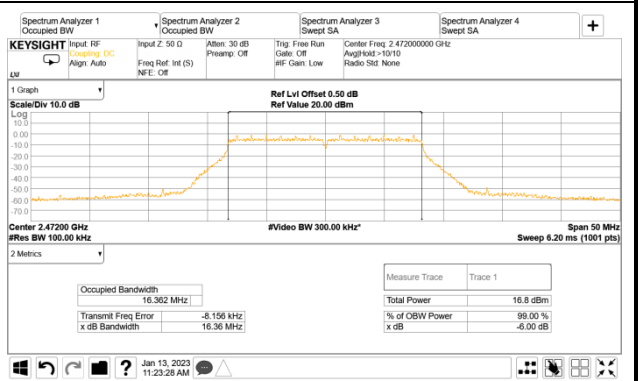
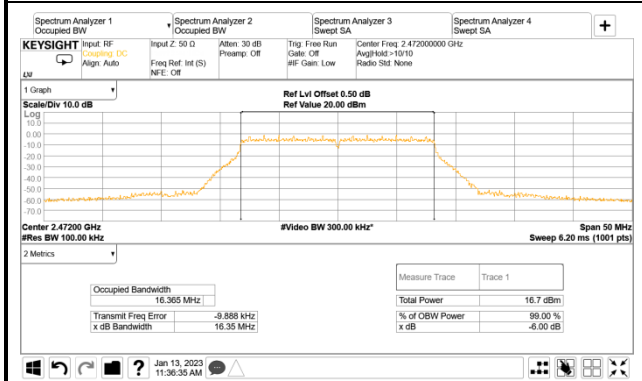
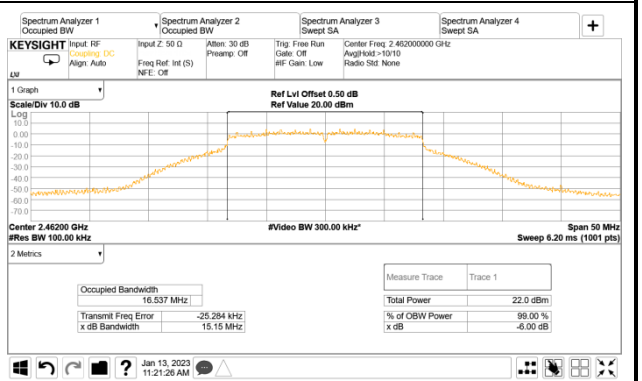
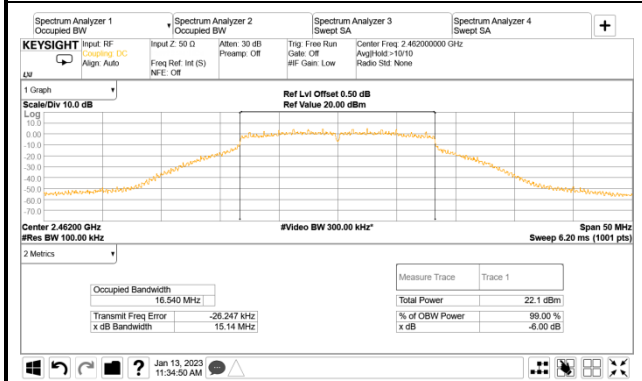
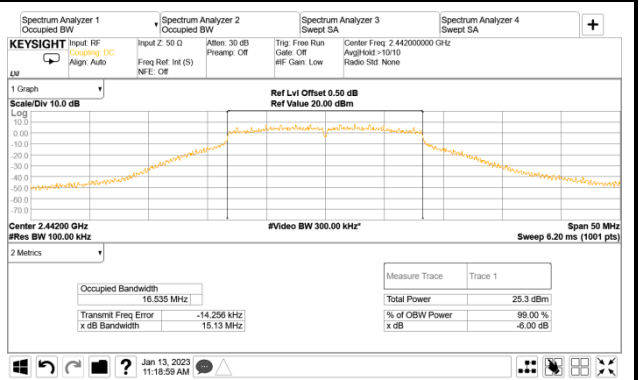
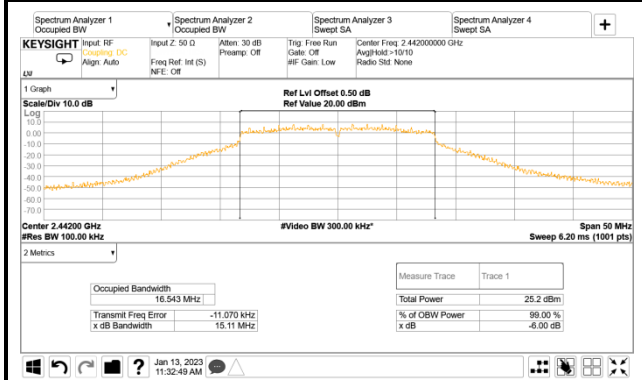
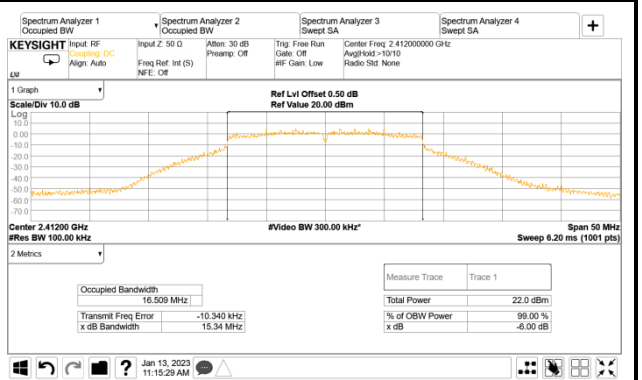
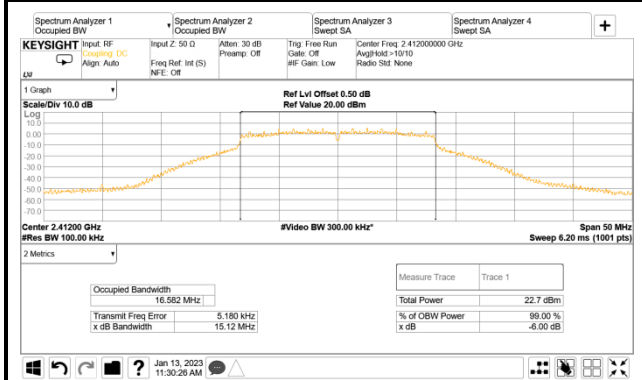
- DTS (6dB) Bandwidth



802.11g

AUX

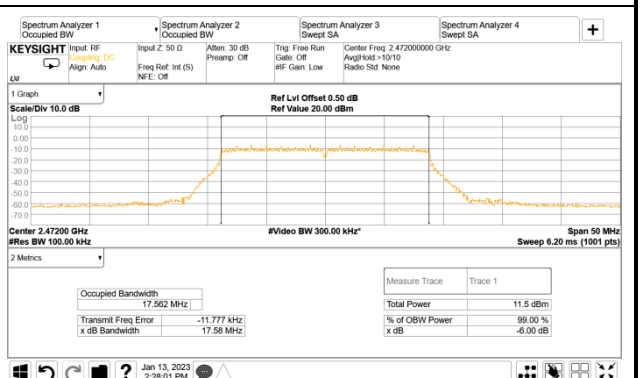
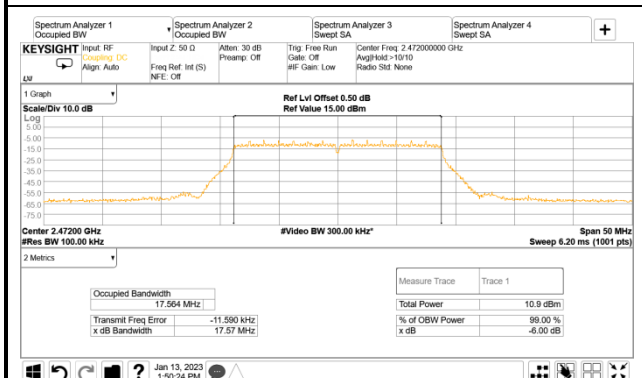
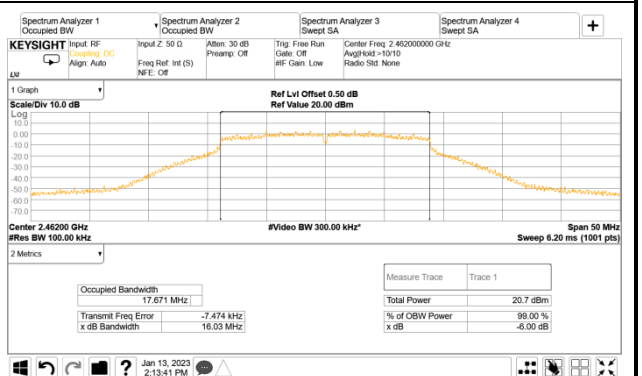
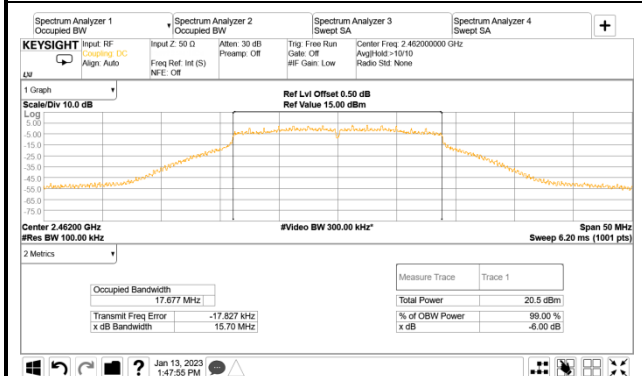
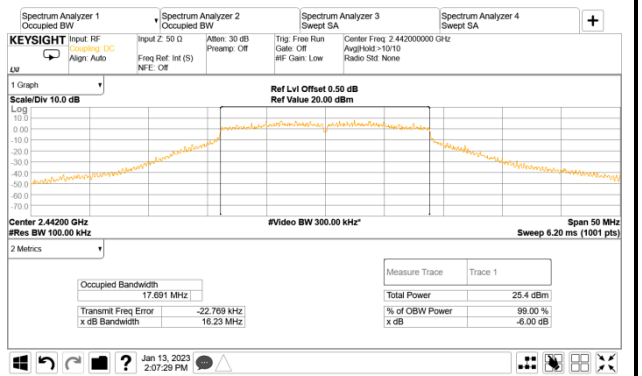
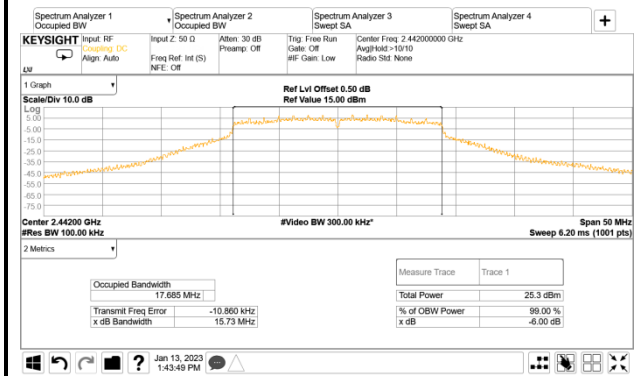
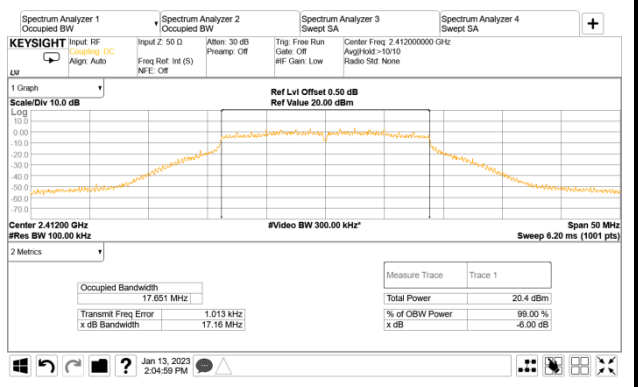
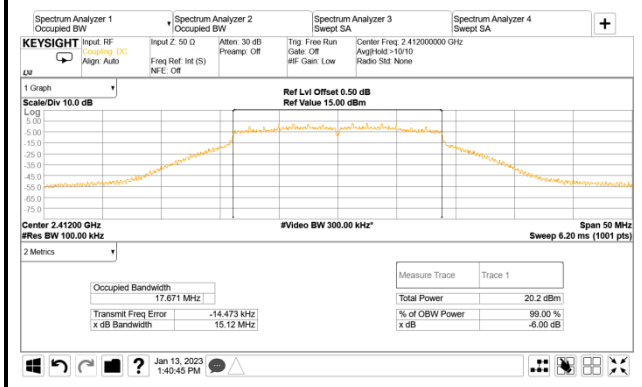
Main



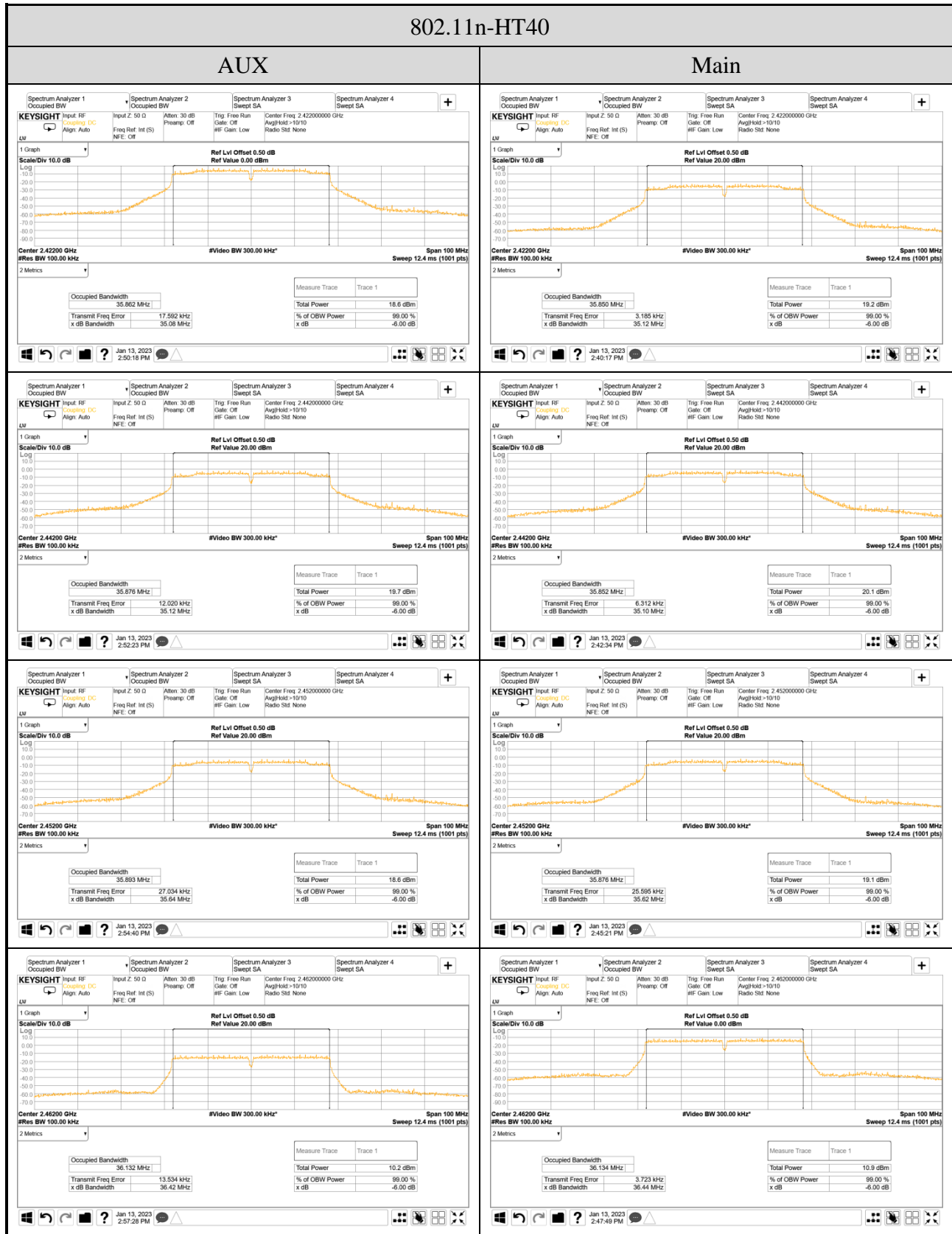
802.11n-HT20

AUX

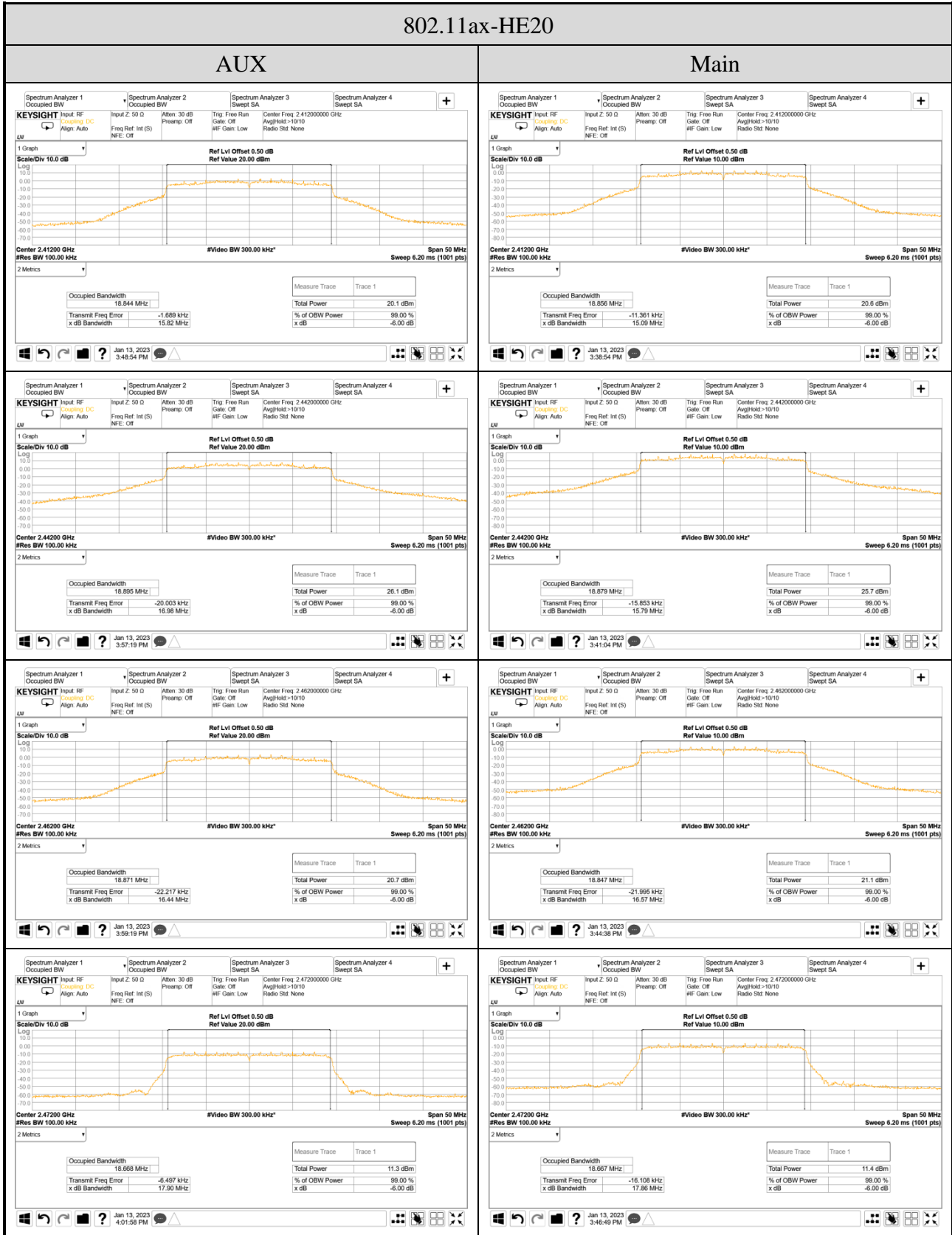
Main



802.11n-HT40



802.11ax-HE20



802.11ax-HE40

