

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2022/07/06 ~ 08	Temp./Hum.	23~26°C/52~56%
Cable Loss	0.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 DTS/Occupied Bandwidth Result

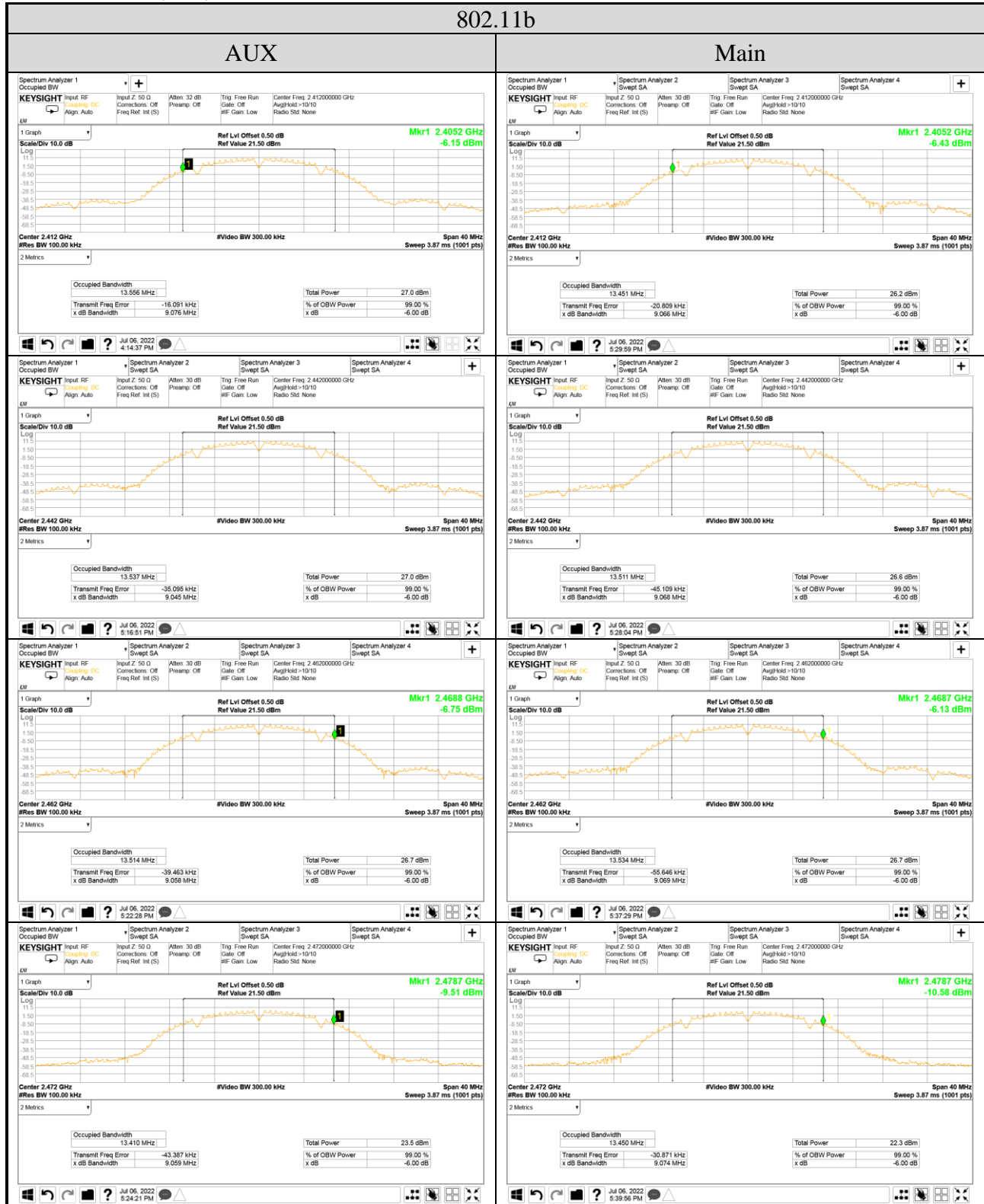
Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)		Occupied (99%) Bandwidth (MHz)		Limit
		AUX	Main	AUX	Main	
802.11b	2412	9.076	9.066	13.561	13.480	>500kHz
	2442	9.045	9.068	13.532	13.523	
	2462	9.058	9.069	13.489	13.529	
	2472	9.059	9.074	13.405	13.455	
802.11g	2412	15.16	15.44	16.718	16.781	
	2442	15.16	15.15	16.688	16.658	
	2462	15.16	15.17	16.674	16.713	
	2472	16.36	16.36	16.384	16.384	
802.11n-HT20	2412	15.13	16.29	17.868	17.780	
	2442	15.16	15.11	17.811	17.813	
	2462	15.13	16.30	17.770	17.804	
	2472	17.57	17.60	17.556	17.584	
802.11n-HT40	2422	35.13	35.11	35.914	35.846	
	2442	35.08	35.11	35.925	35.836	
	2452	35.01	35.13	35.916	35.835	
	2462	36.37	36.41	36.111	36.071	
802.11ax-HE20	2412	17.52	15.59	18.919	18.984	
	2442	15.43	15.17	18.984	18.959	
	2462	15.06	15.15	18.940	18.974	
	2472	18.24	17.90	18.721	18.723	
802.11ax-HE40	2422	36.01	35.47	37.470	37.461	
	2442	35.67	36.50	37.432	37.408	
	2452	34.29	35.47	37.428	37.411	
	2462	37.47	37.66	37.508	37.491	

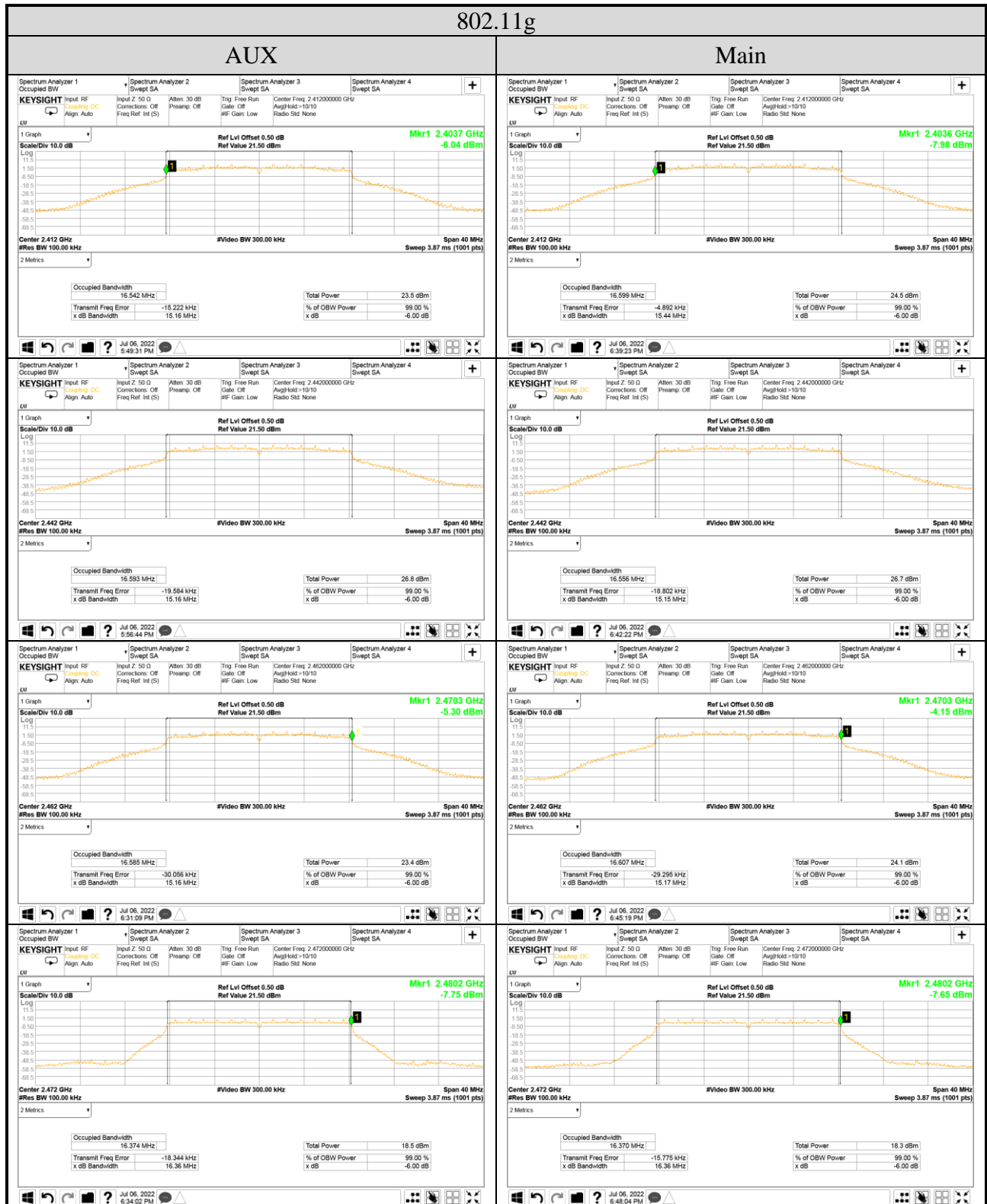
Mode	RU Configuration	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)		Occupied (99%) Bandwidth (MHz)		Limit
			AUX	Main	AUX	Main	
802.11ax-HE20	26/0	2412	2.092	2.115	18.619	18.689	>500kHz
	52/37		17.01	17.06	18.455	18.460	
	106/53		17.16	17.20	18.288	18.259	
	26/8	2472	2.022	2.014	18.222	18.171	
	52/40		16.96	16.96	17.954	18.063	
	106/54		17.05	17.03	17.963	18.093	
802.11ax-HE40	242/61	2422	17.12	17.30	18.697	18.679	>500kHz
	242/62	2462	18.46	18.58	18.572	18.535	

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1M)	2402	1.311	1.0581	>500kHz
	2440	1.315	1.0560	
	2480	1.315	1.0543	
BLE (2M)	2402	1.128	2.0346	>500kHz
	2440	1.139	2.0339	
	2480	1.143	2.0343	
BLE (PHY Coded S2)	2402	0.6601	1.0338	>500kHz
	2440	0.6828	1.0332	
	2480	0.6812	1.0318	
BLE (PHY Coded S8)	2402	0.6087	1.0646	>500kHz
	2440	0.6141	1.0694	
	2480	0.6079	1.0622	

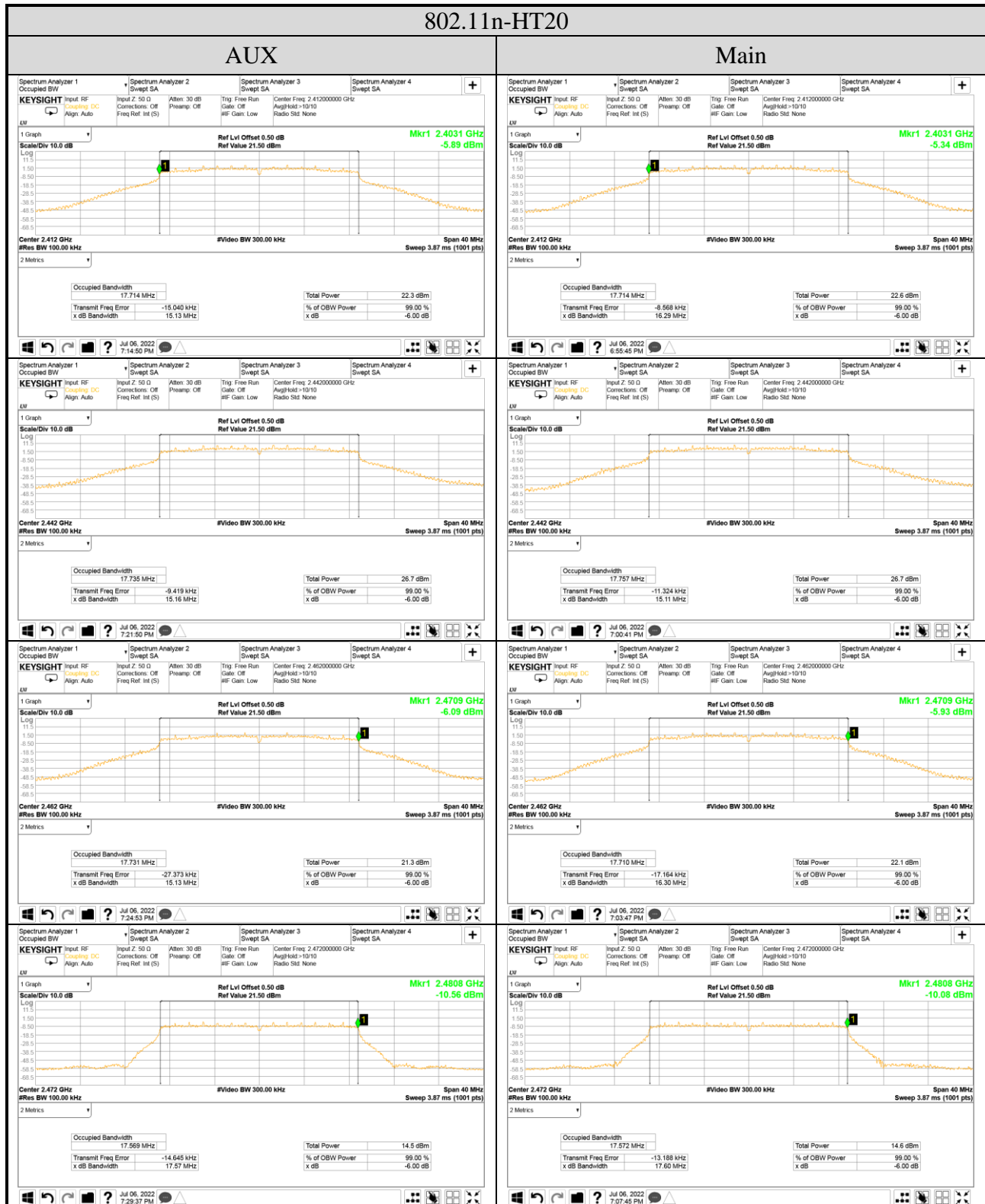
A.3.2 Measurement Plots

- DTS (6dB) Bandwidth

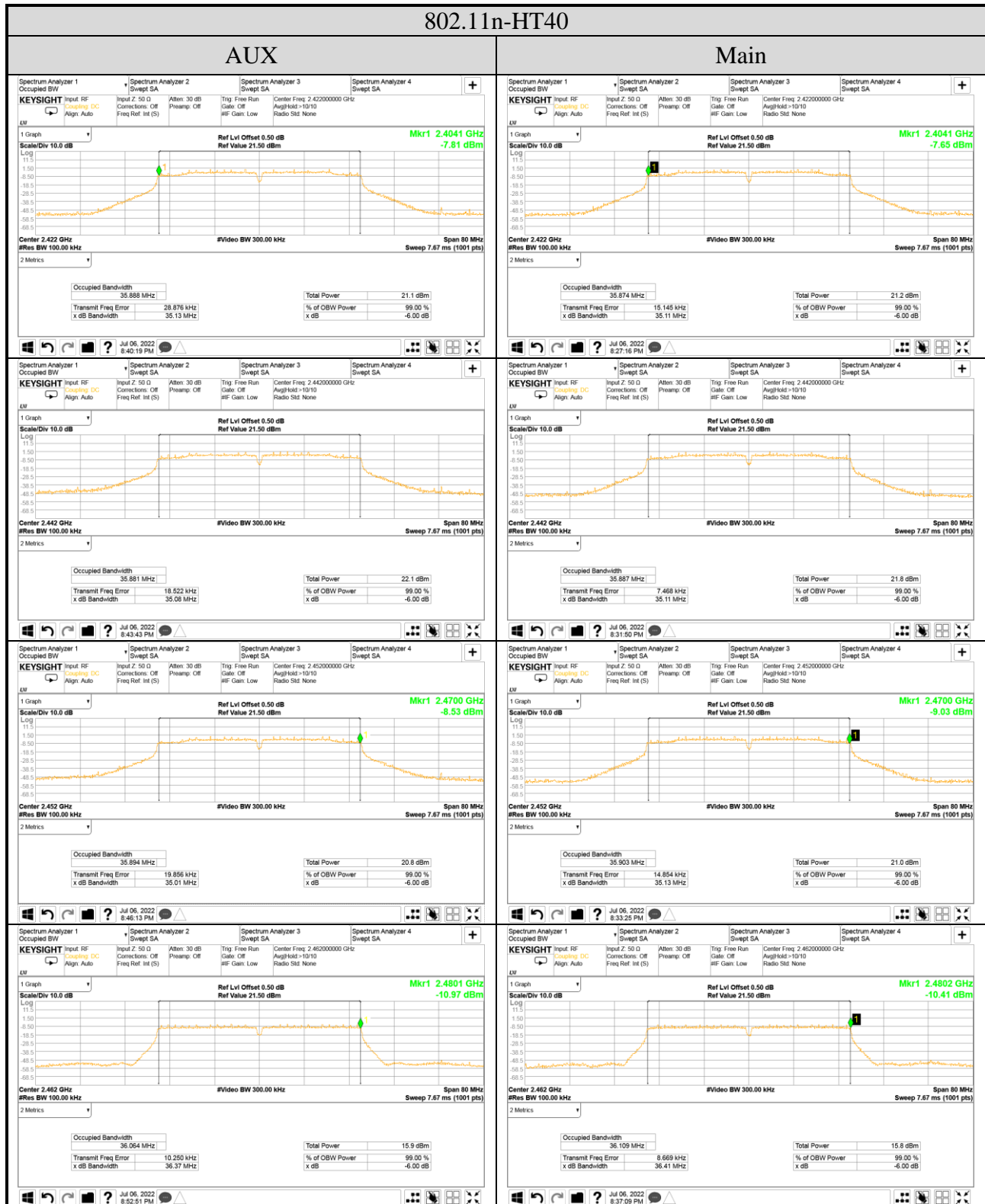




802.11n-HT20



802.11n-HT40



802.11ax-HE20

