

### A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2022/07/18	Temp./Hum.	26°C/48%
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	9.043	9.018	13.566	13.539	>500kHz
	2442	8.562	8.541	13.544	13.533	
	2462	8.581	9.017	13.559	13.532	
	2472	9.026	8.575	13.444	13.403	
802.11g	2412	15.33	15.13	16.655	16.676	
	2442	15.32	15.13	16.637	16.635	
	2462	15.14	15.14	16.614	16.682	
	2472	16.35	16.35	16.375	16.370	
802.11n-HT20	2412	15.05	17.54	17.739	17.763	
	2442	15.13	16.86	17.785	17.795	
	2462	15.09	17.16	17.741	17.774	
	2472	17.59	17.60	17.569	17.586	
802.11n-HT40	2422	35.67	34.54	35.881	35.902	
	2442	35.68	35.41	35.884	35.891	
	2452	35.13	35.67	35.896	35.870	
	2462	36.43	36.42	36.084	36.093	
802.11ax-HE20	2412	16.53	16.26	18.907	18.933	
	2442	16.03	16.80	18.901	18.945	
	2462	15.13	15.01	18.919	18.935	
	2472	18.22	17.80	18.713	18.738	
802.11ax-HE40	2422	35.15	35.14	37.414	37.440	
	2442	35.14	35.12	37.426	37.442	
	2452	35.12	35.14	37.433	37.410	
	2462	37.29	37.39	37.505	37.471	

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	2.086	2.047	18.557	18.624	>500kHz
	52/37		17.00	17.01	18.427	18.397	
	106/53		17.16	17.17	18.279	18.279	
	26/8	2472	1.950	2.026	18.037	18.190	
	52/40		15.68	16.97	17.912	18.076	
	106/54		17.25	17.09	18.115	18.011	
802.11ax-HE40	242/61	2422	16.11	15.45	18.681	18.661	>500kHz
	242/62	2462	18.26	18.40	18.517	18.470	

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1Mbps)	2402	0.6673	1.0434	>500kHz
	2440	0.6697	1.0432	
	2480	0.6903	1.0421	
BLE (2Mbps)	2402	1.113	2.0443	>500kHz
	2440	1.115	2.0452	
	2480	1.134	2.0427	
BLE (PHY Coded S2)	2402	0.6619	1.0305	>500kHz
	2440	0.6700	1.0329	
	2480	0.6726	1.0304	
BLE (PHY Coded S8)	2402	0.6040	1.0596	>500kHz
	2440	0.6065	1.0645	
	2480	0.6089	1.0606	

A.3.2 Measurement Plots

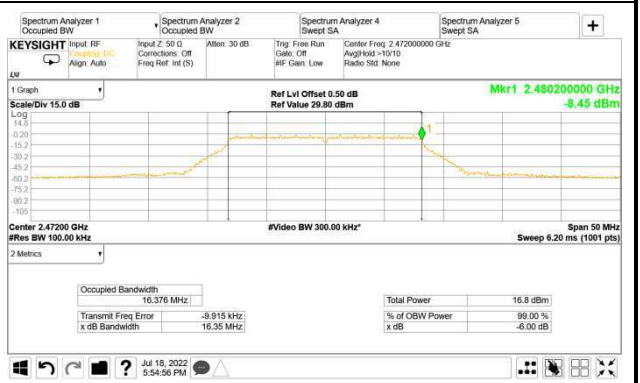
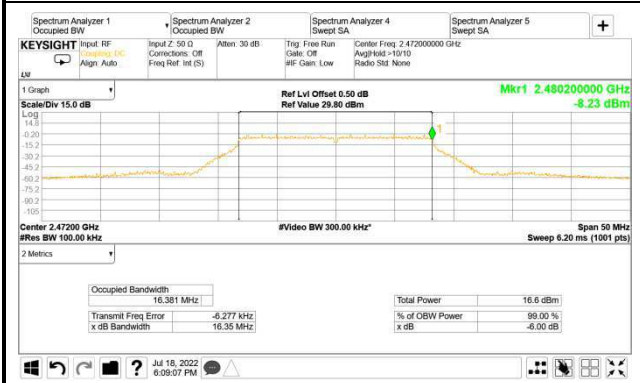
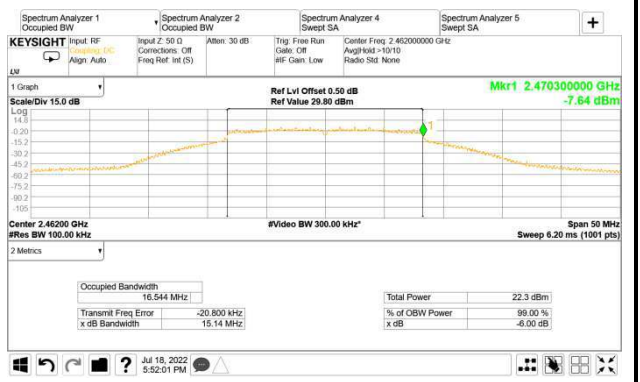
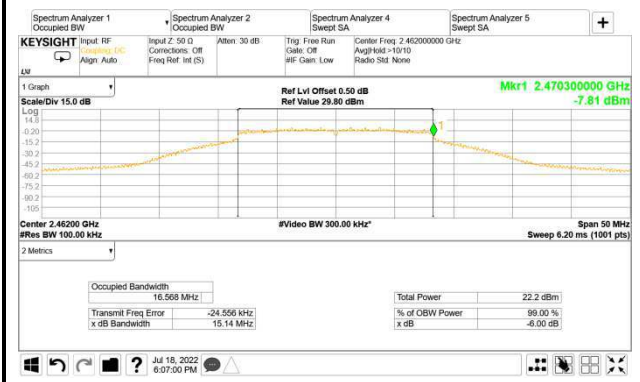
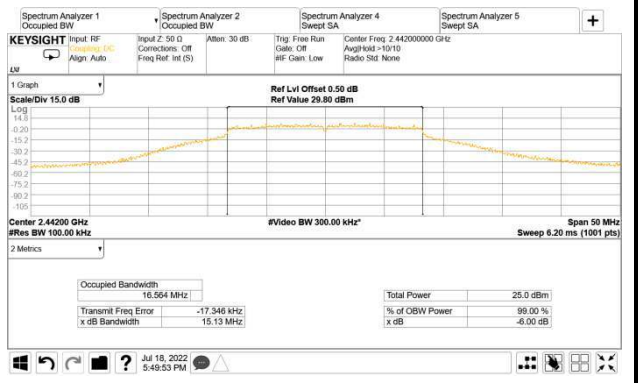
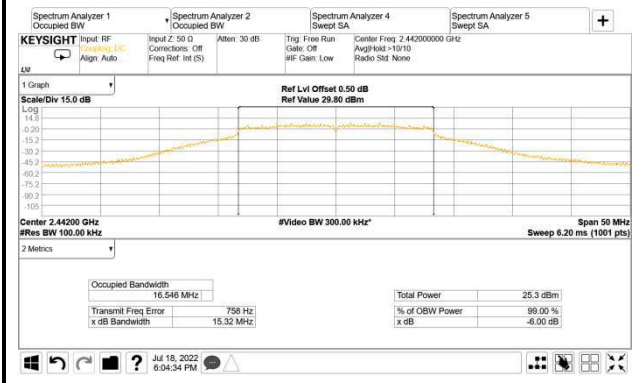
● DTS (6dB) Bandwidth



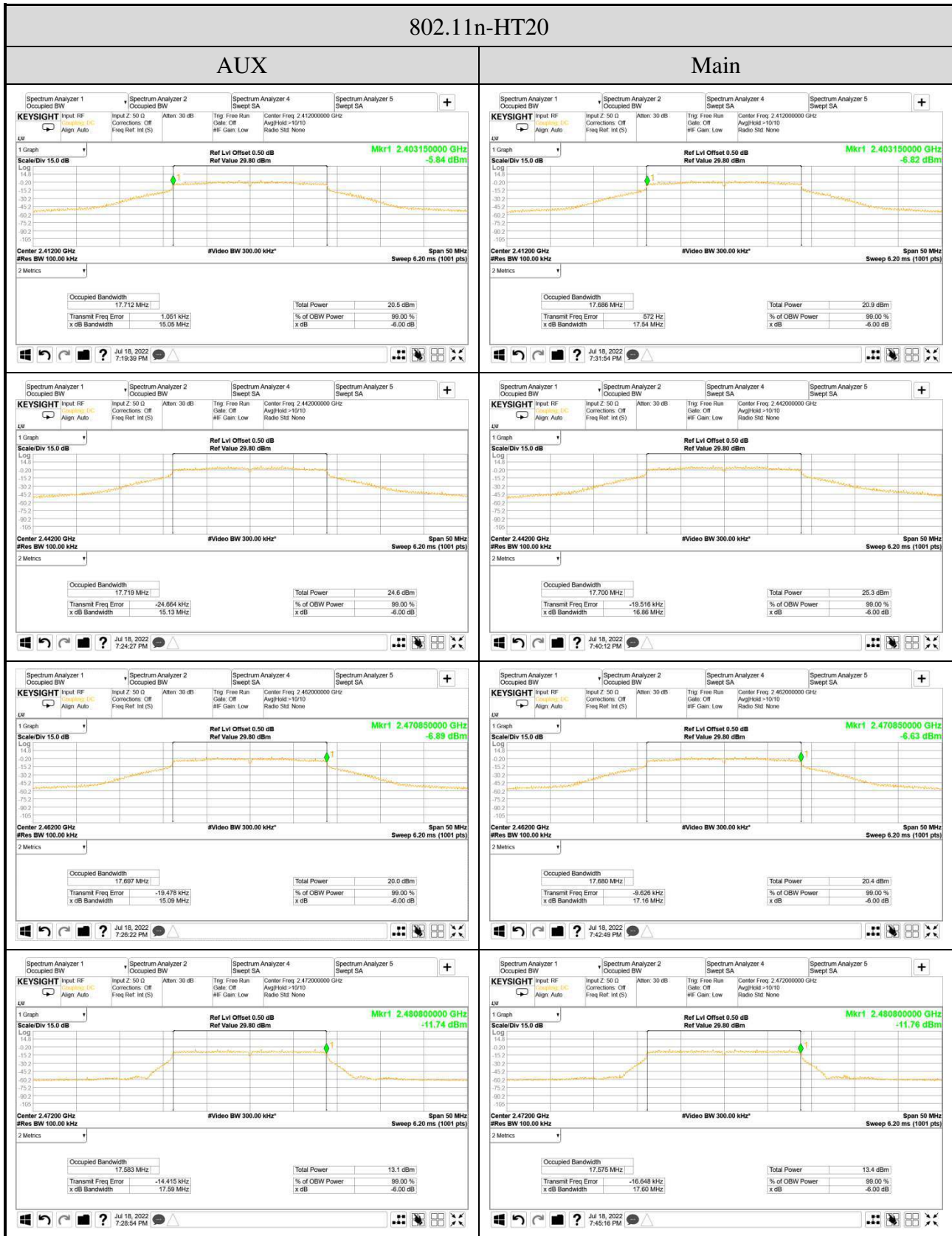
802.11g

AUX

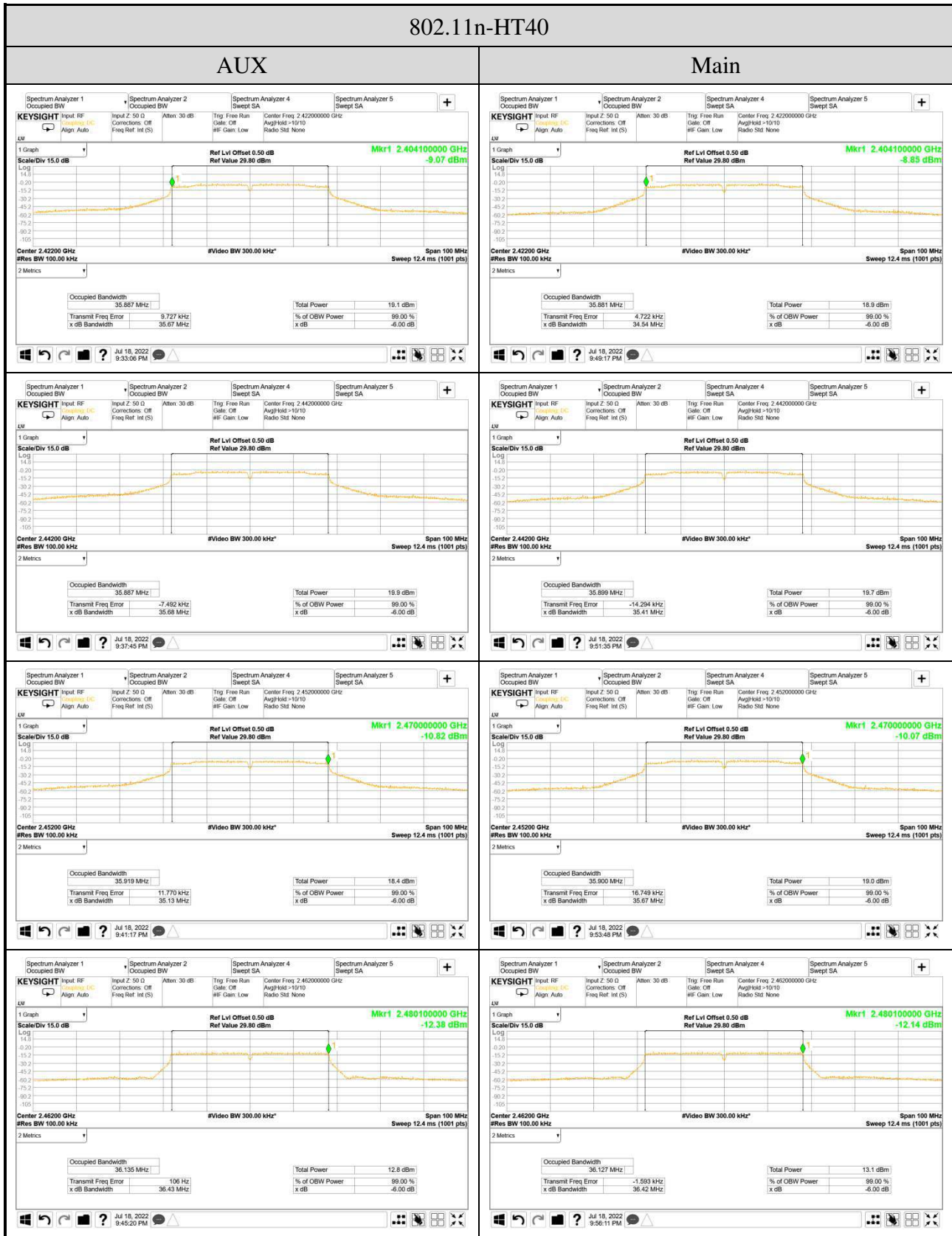
Main



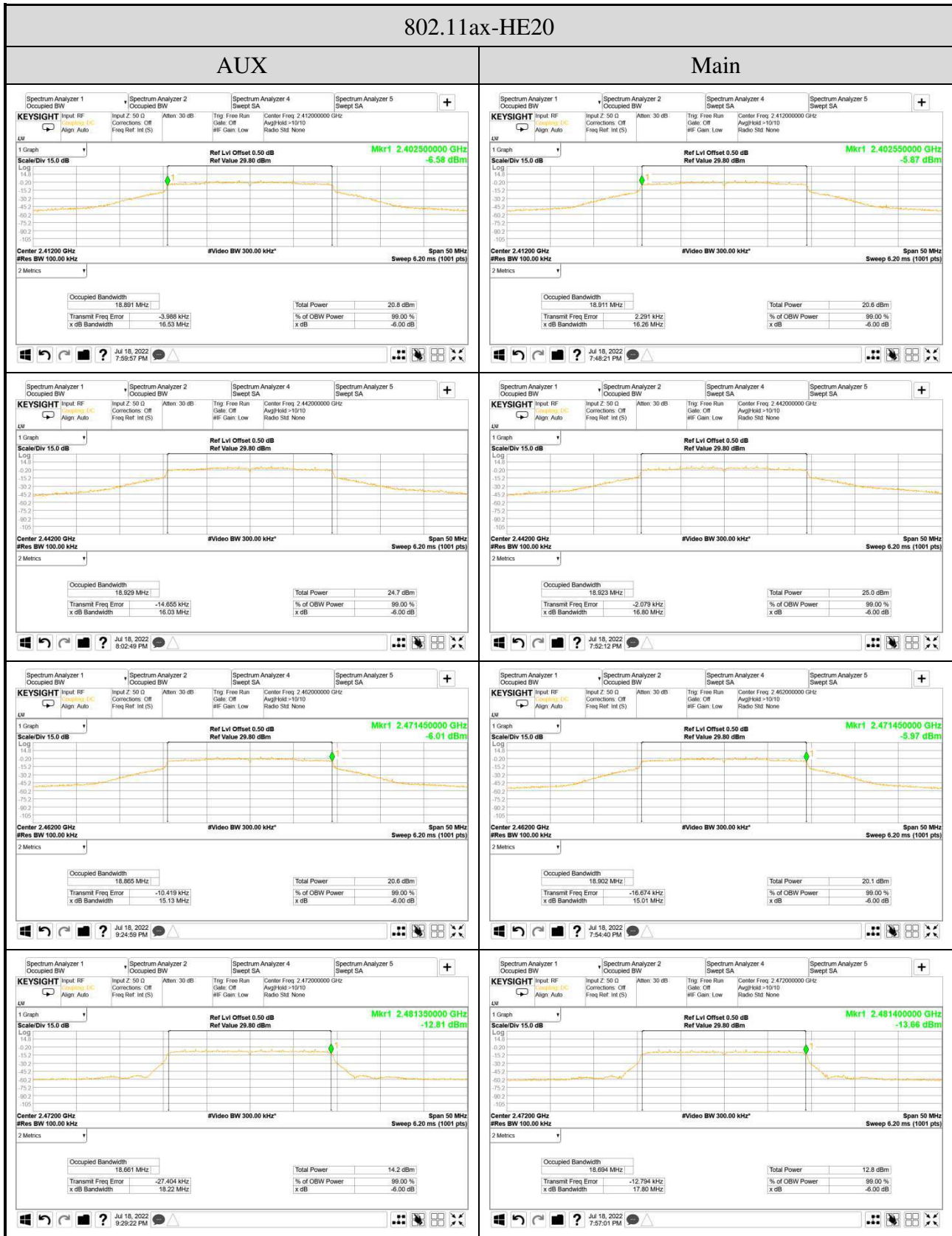
802.11n-HT20



802.11n-HT40



802.11ax-HE20



802.11ax-HE40

