

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2021/12/27 ~ 29, 2022/02/21	Temp./Hum.	14~16°C/64~74%
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
802.11b	2412	9.075	13.487	>500kHz
	2442	9.067	13.450	
	2462	9.059	13.467	
	2472	9.064	13.367	
802.11g	2412	15.47	17.110	
	2442	15.16	17.095	
	2462	15.16	17.059	
	2472	16.35	16.586	
802.11n-HT20	2412	16.29	17.977	
	2442	15.70	17.909	
	2462	15.16	17.869	
	2472	17.61	17.663	
802.11n-HT40	2422	35.08	35.959	
	2442	35.13	36.004	
	2452	35.08	36.000	
	2462	36.39	36.257	
802.11ax-HE20	2412	16.97	19.018	
	2442	17.52	19.038	
	2462	15.10	18.995	
	2472	17.75	18.986	
802.11ax-HE40	2422	35.98	37.540	
	2442	35.43	37.575	
	2452	35.10	37.539	
	2462	37.56	37.650	

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Mode	RU Configuration	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
802.11ax-HE20	26/0	2412	3.235	18.880	>500kHz
	52/37		17.04	18.650	
	106/53		17.17	18.428	
	26/8	2472	1.985	18.281	
	52/40		16.96	18.151	
	106/54		17.01	18.122	
802.11ax-HE40	242/61	2422	13.93	19.044	
	242/62	2462	18.38	18.800	

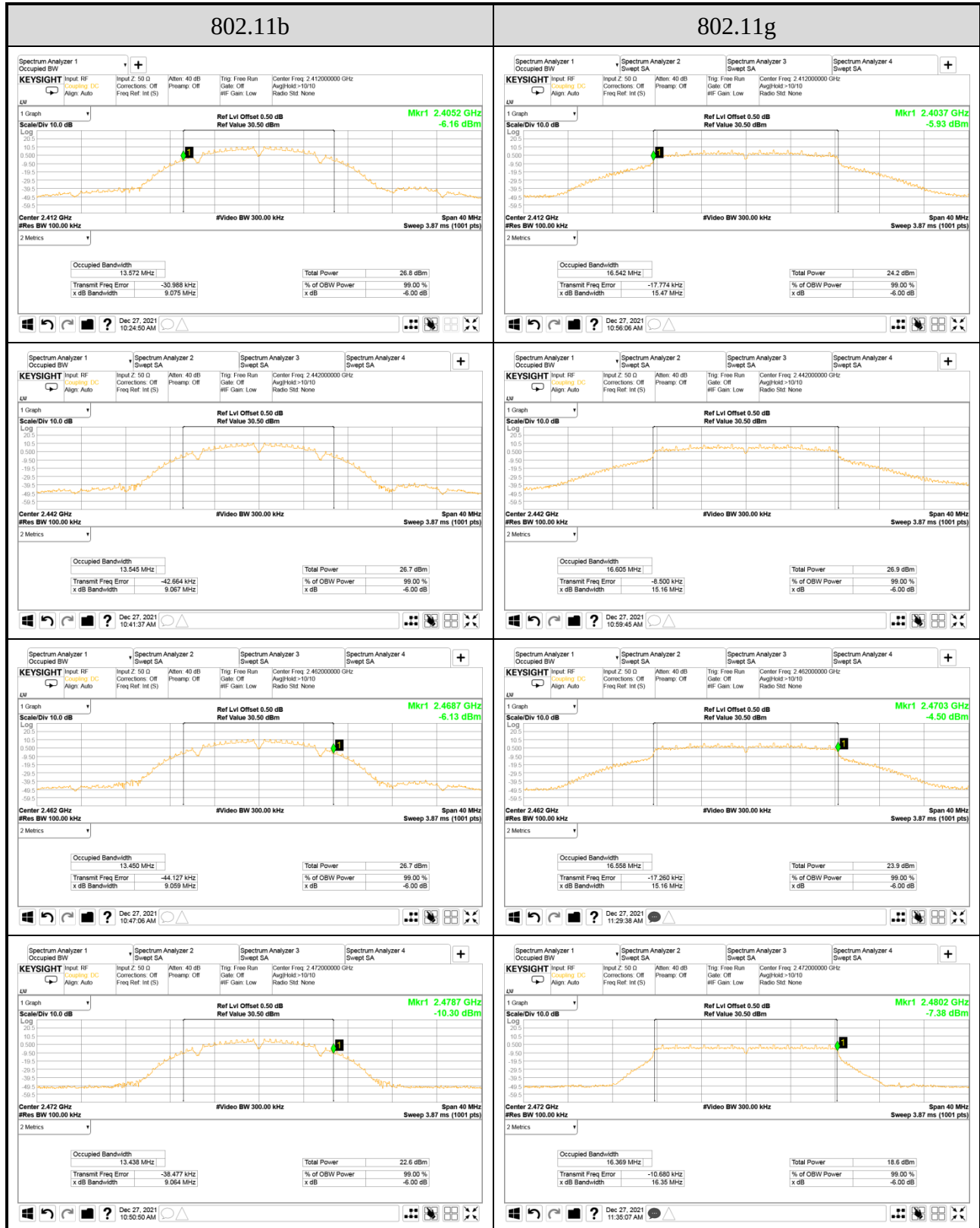
Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1M)	2402	0.6713	1.0604	>500kHz
	2440	0.6785	1.0602	
	2480	0.6848	1.0592	
BLE (2M)	2402	1.126	2.0583	>500kHz
	2440	1.138	2.0567	
	2480	1.154	2.0543	
BLE (PHY Coded S2)	2402	0.6761	1.0724	>500kHz
	2440	0.6671	1.0690	
	2480	0.6858	1.0688	
BLE (PHY Coded S8)	2402	0.6086	1.0579	>500kHz
	2440	0.6105	1.0516	
	2480	0.6137	1.0516	

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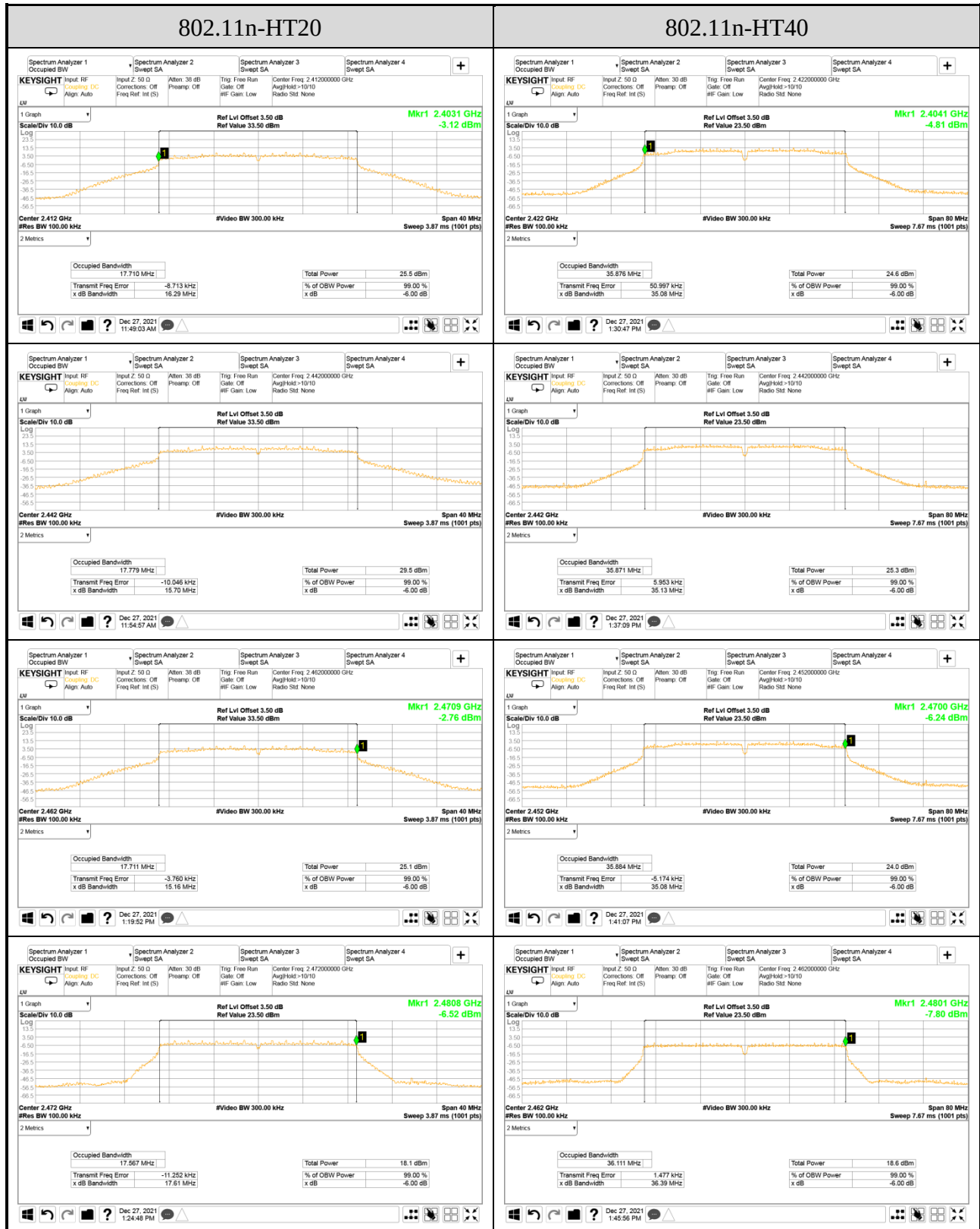
A.3.2 Measurement Plots

● DTS (6dB) Bandwidth



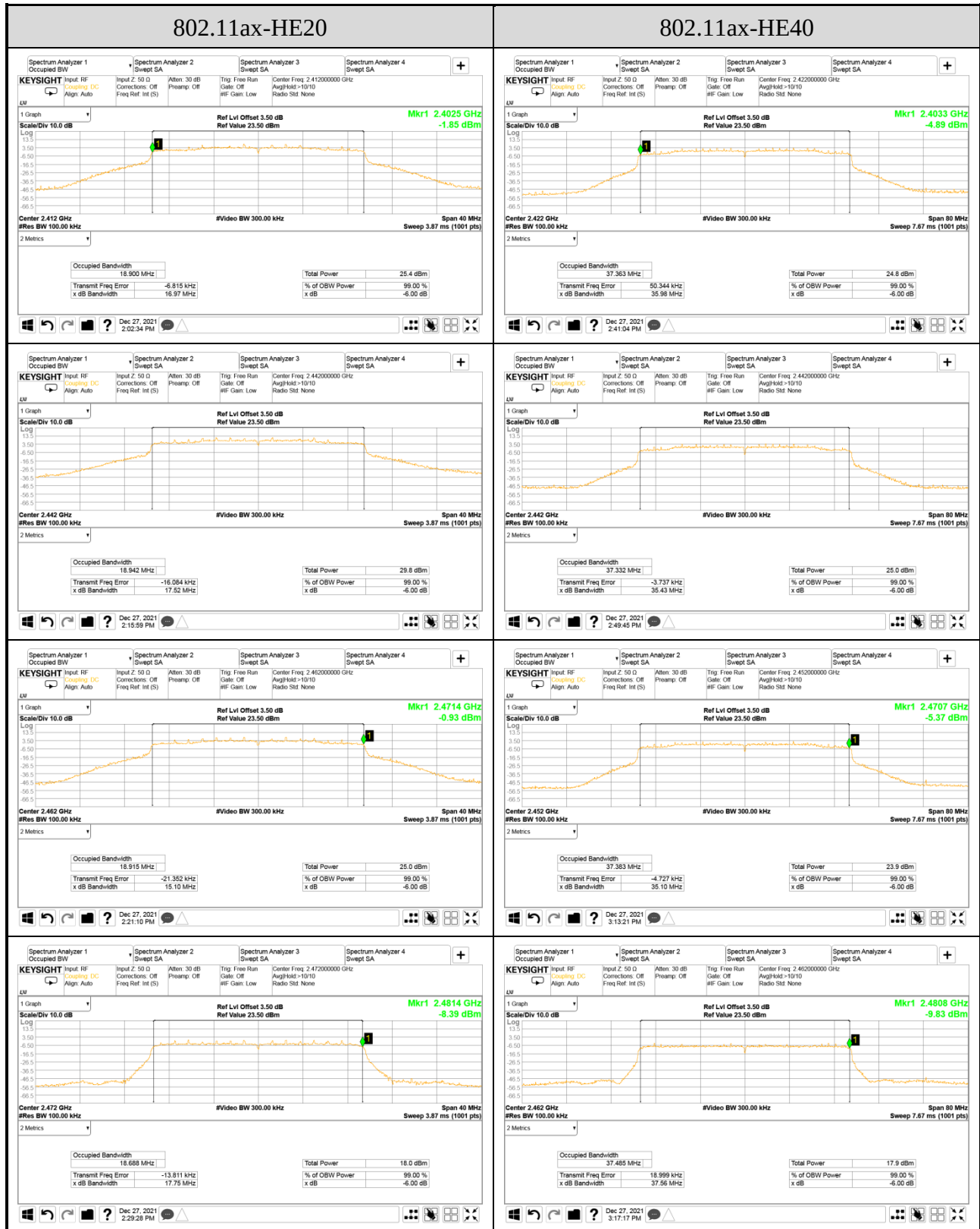
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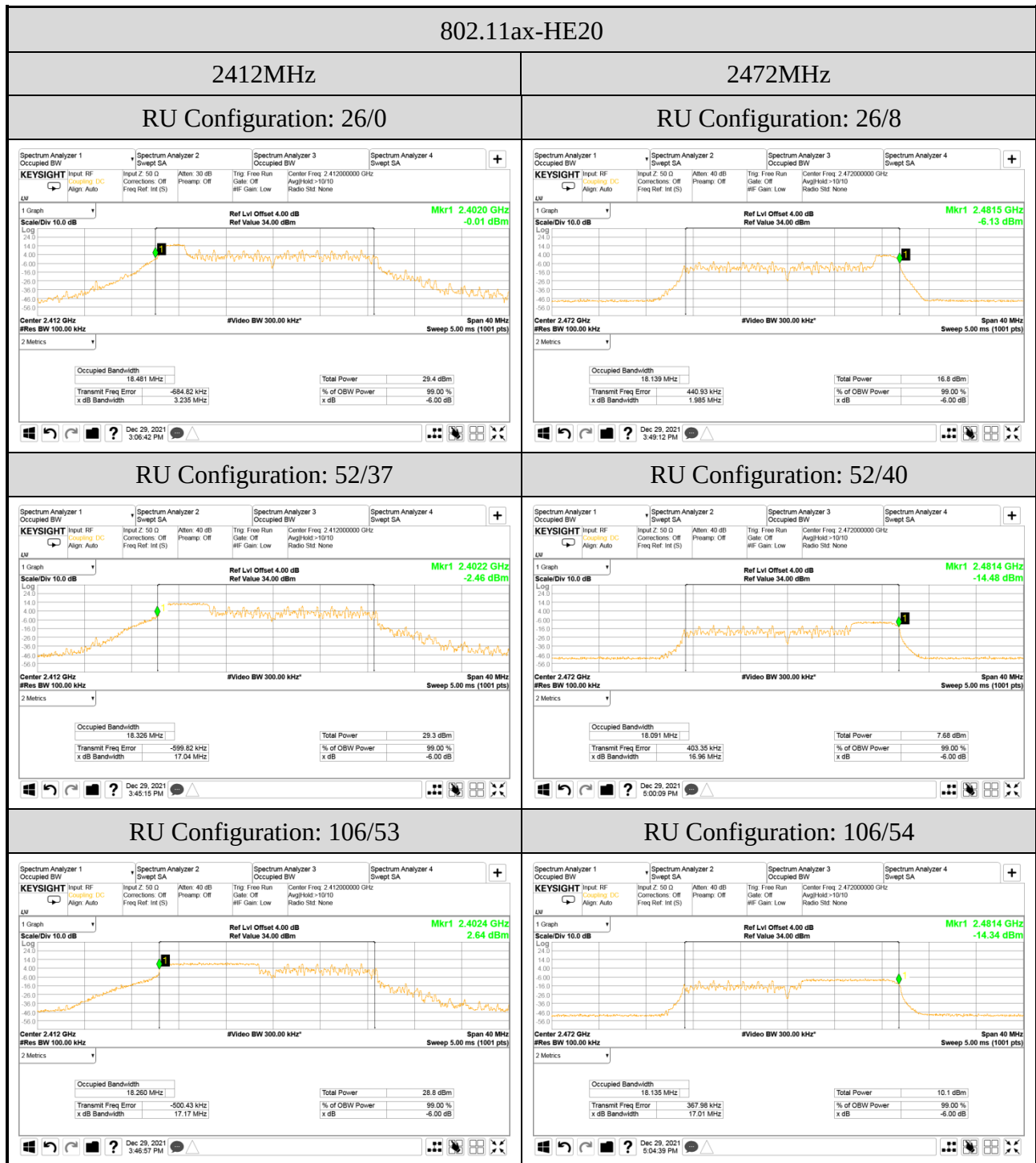
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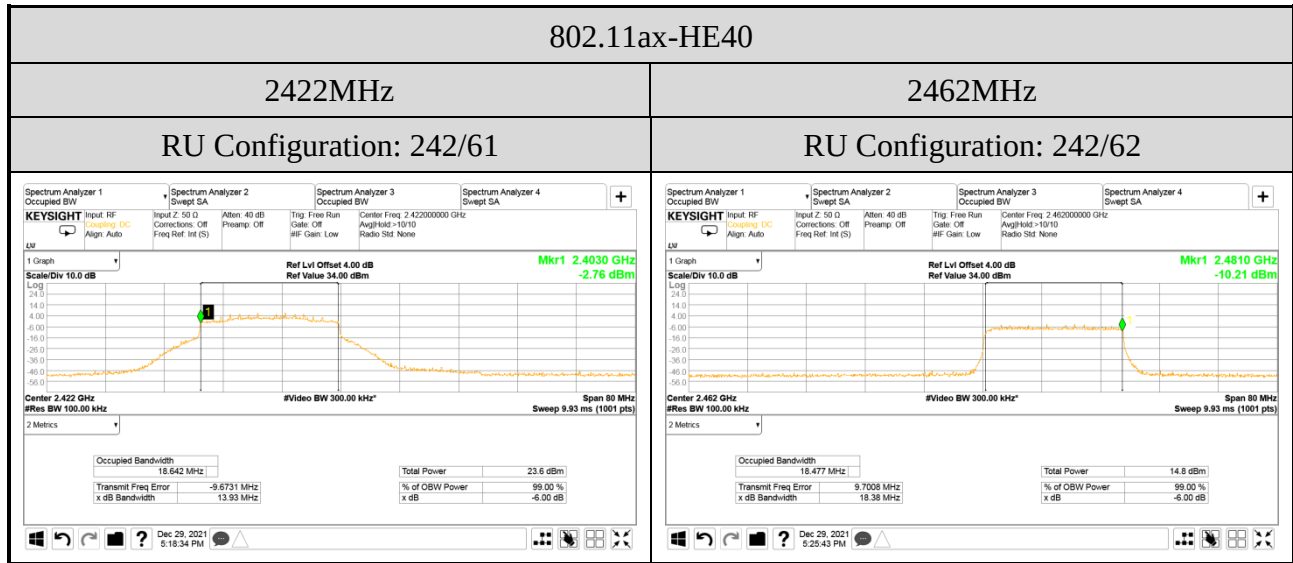
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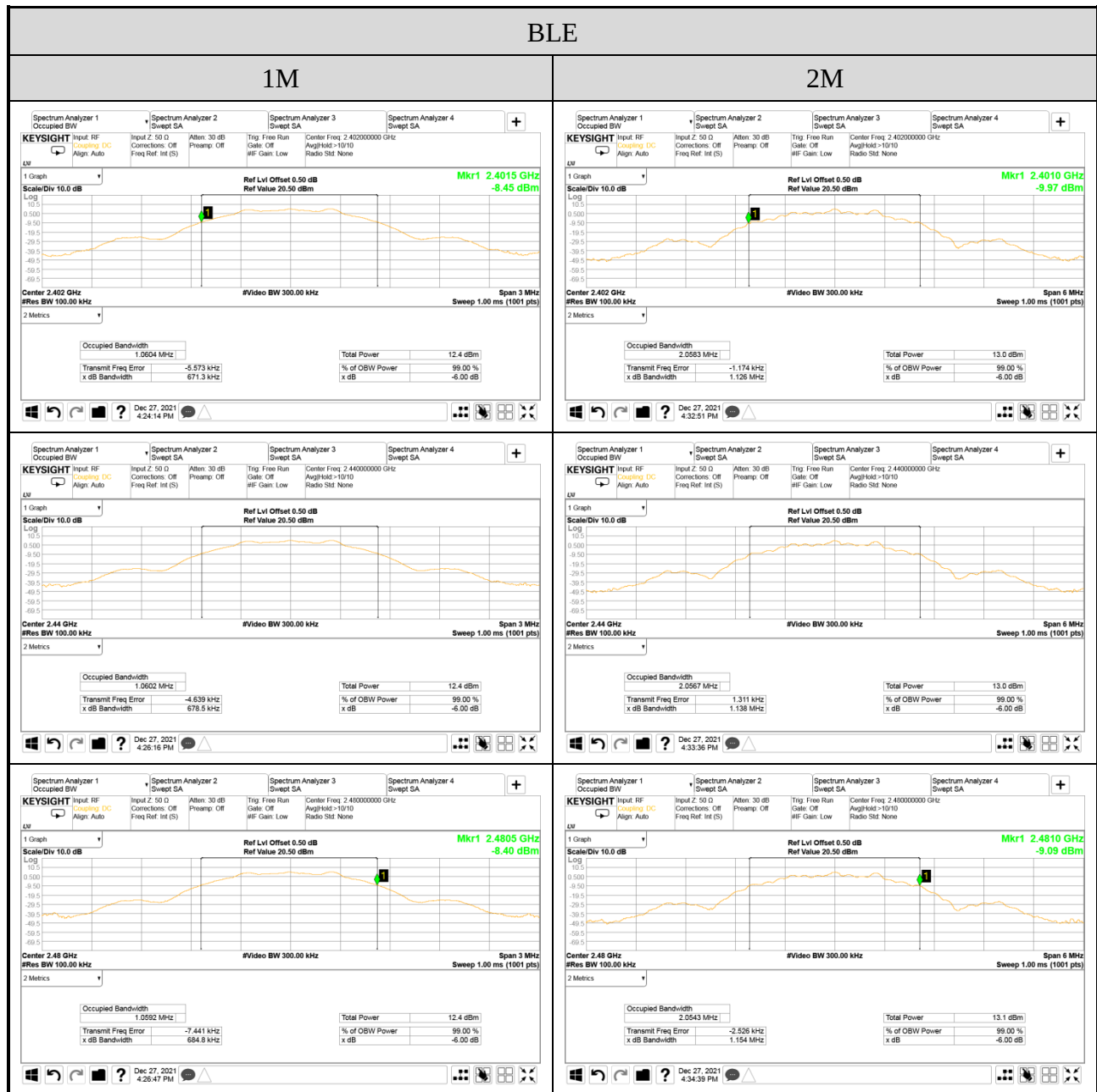
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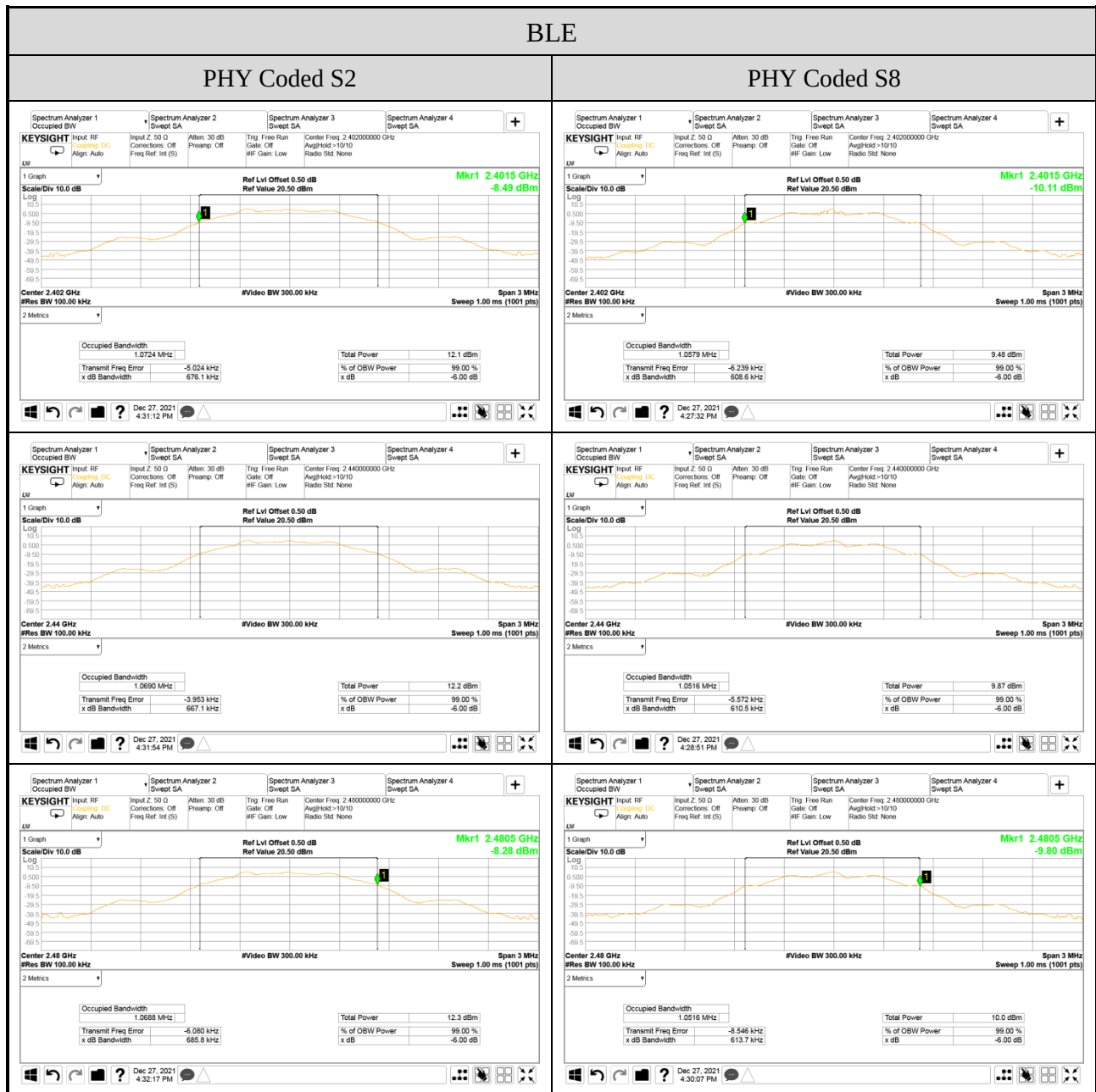
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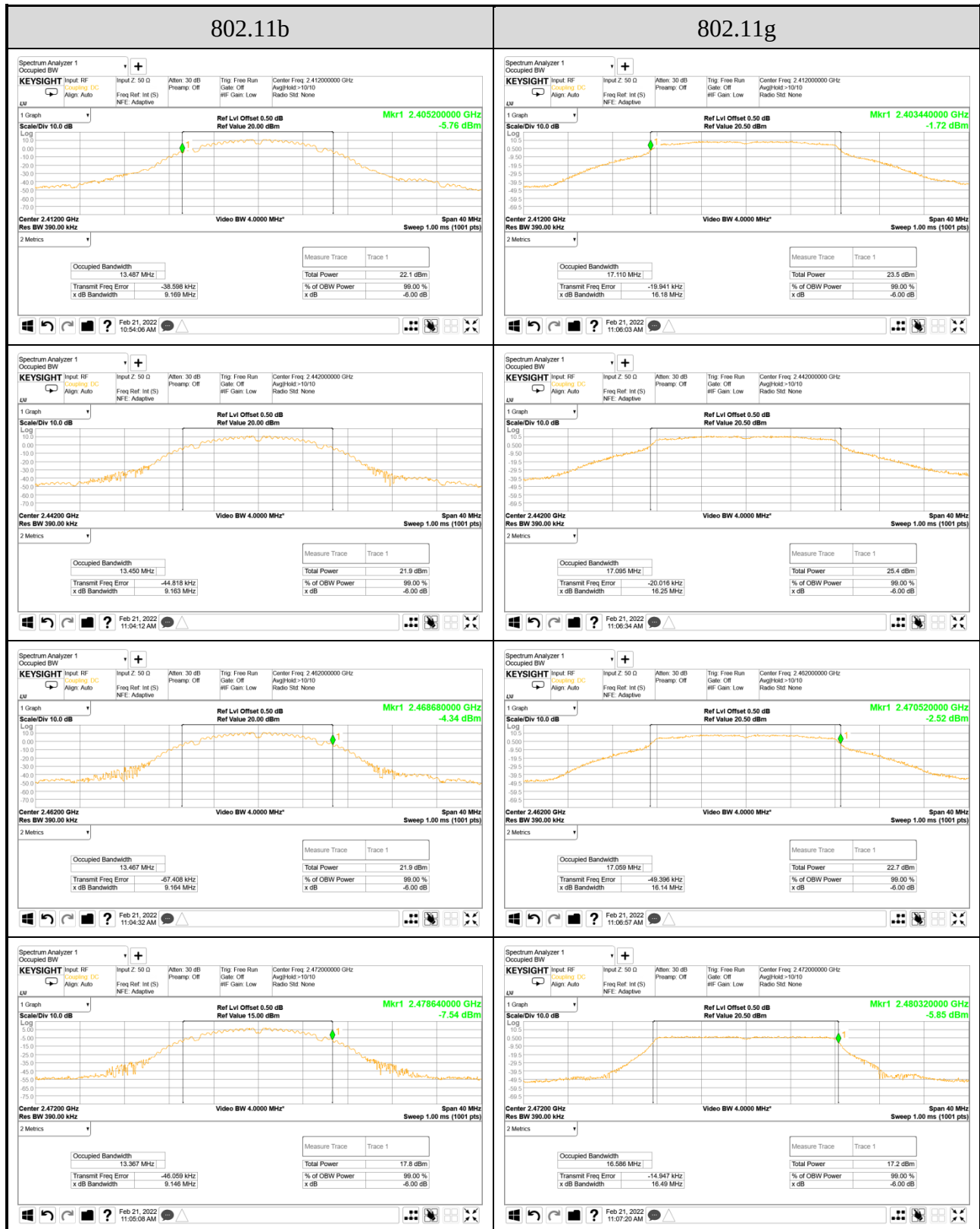


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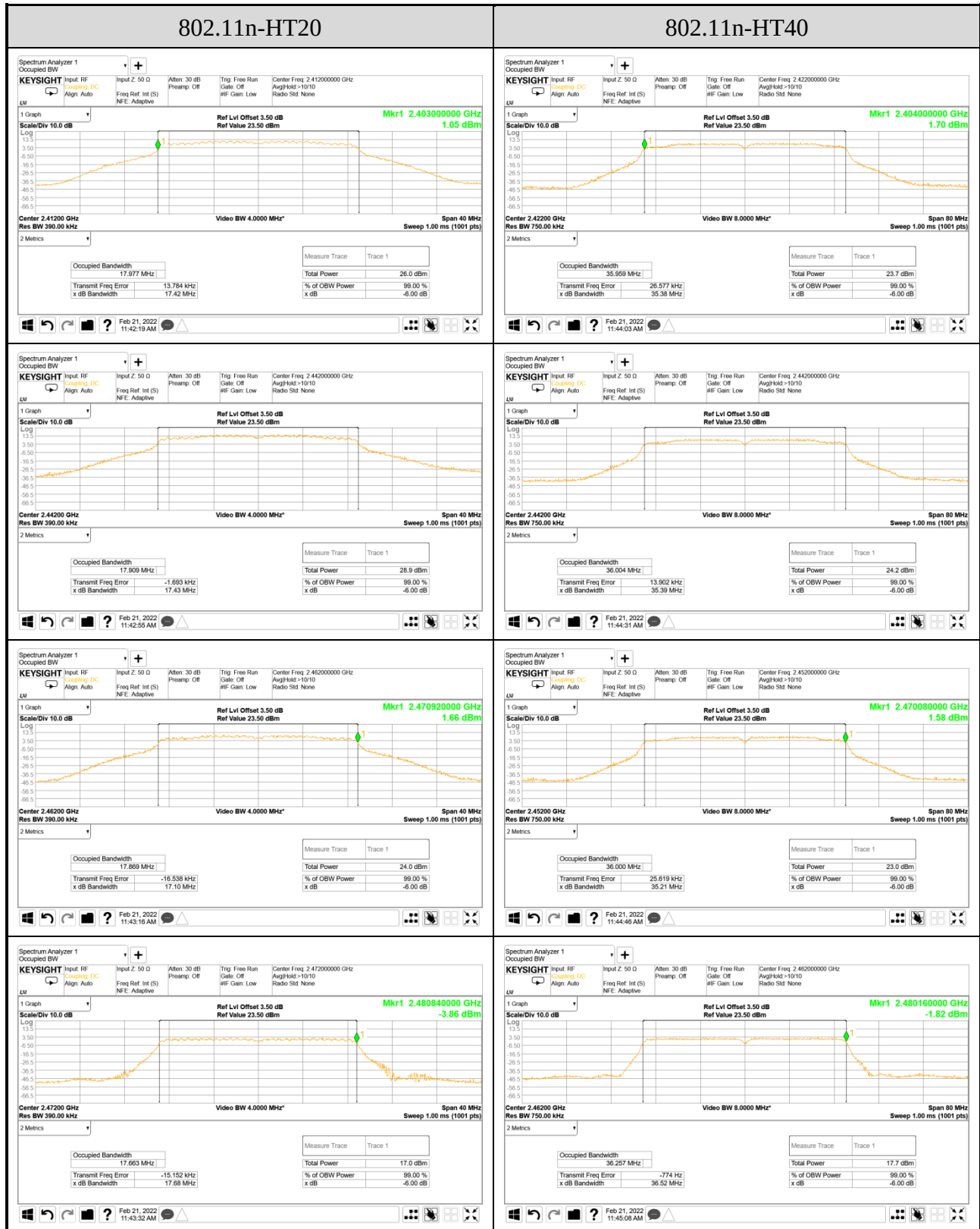


● Occupied (99%) Bandwidth



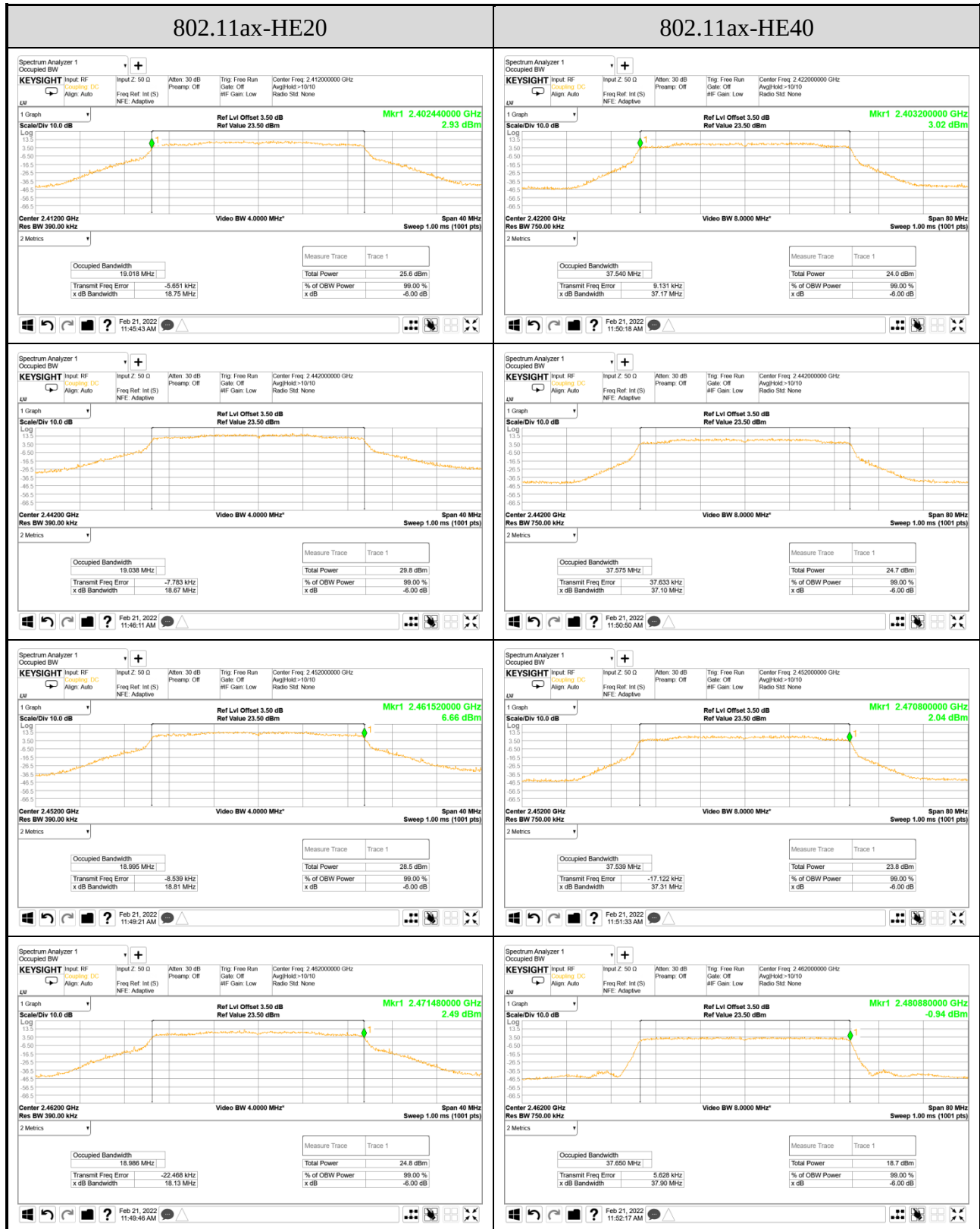
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