

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2022/04/18 ~05/03	Temp./Hum.	18~21°C/65~68%
Cable Loss	0.5dB	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	8.549	8.542	13.475	12.924	>500kHz
	2442	8.580	9.045	13.326	13.363	
	2462	8.586	9.012	13.404	13.375	
	2472	9.027	9.040	13.352	13.358	
802.11g	2412	15.12	15.12	16.543	16.498	
	2442	15.09	15.13	16.566	16.581	
	2462	15.34	15.45	16.542	16.574	
	2472	16.39	16.40	16.375	16.394	
802.11n-HT20	2412	16.29	16.28	17.681	17.702	
	2442	16.91	16.52	17.686	17.702	
	2462	15.60	16.88	17.713	17.678	
	2472	17.62	17.62	17.570	17.586	
802.11n-HT40	2422	35.63	36.00	35.927	35.916	
	2442	35.06	35.10	35.908	35.992	
	2452	36.32	35.65	35.942	35.936	
	2462	36.44	36.44	36.107	36.124	
802.11ax-HE20	2412	16.97	15.75	18.891	18.902	
	2442	17.66	16.25	18.861	18.849	
	2462	15.86	15.59	18.899	18.879	
	2472	18.50	18.55	18.759	18.750	
802.11ax-HE40	2422	35.80	35.17	37.415	37.458	
	2442	33.00	32.62	37.479	37.450	
	2452	33.96	33.93	37.439	37.526	
	2462	37.60	37.47	37.537	37.558	

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

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	2.070	2.063	18.483	18.643	>500kHz
	52/37		17.01	17.02	18.362	18.335	
	106/53		17.15	18.35	18.271	18.293	
	26/8	2472	1.966	2.001	18.243	18.207	
	52/40		16.95	16.88	18.104	18.098	
	106/54		17.01	17.25	17.930	18.109	
802.11ax-HE40	242/61	2422	16.44	16.40	18.628	18.639	>500kHz
	242/62	2462	18.34	18.48	18.525	18.562	

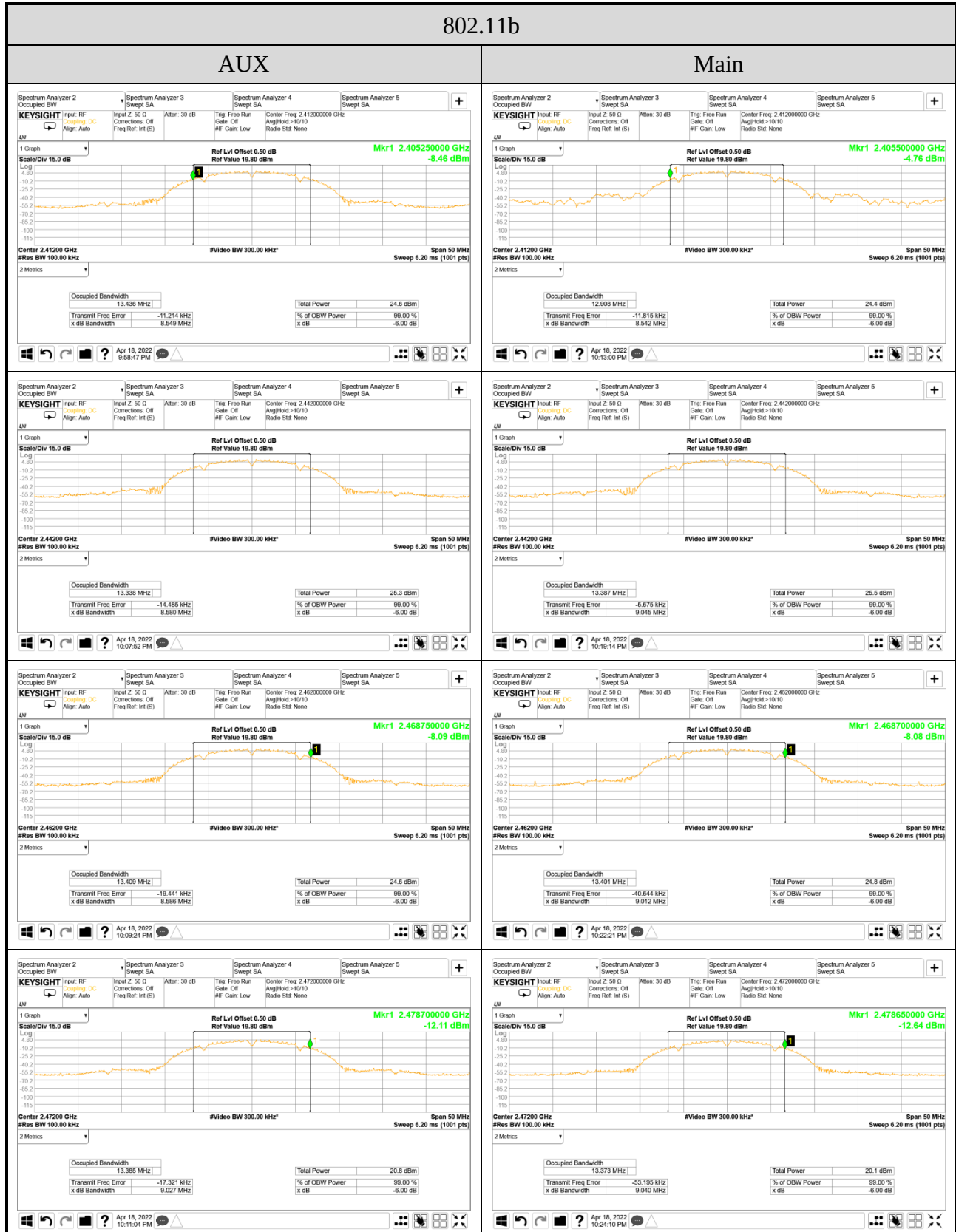
Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1M)	2402	0.6770	1.0439	>500kHz
	2440	0.6711	1.0407	
	2480	0.6793	1.0415	
BLE (2M)	2402	1.114	2.0419	>500kHz
	2440	1.110	2.0424	
	2480	1.129	2.0409	
BLE (PHY Coded S2)	2402	0.6657	1.0328	>500kHz
	2440	0.6673	1.0338	
	2480	0.6775	1.0353	
BLE (PHY Coded S8)	2402	0.6091	1.0616	>500kHz
	2440	0.6057	1.0564	
	2480	0.6069	1.0620	

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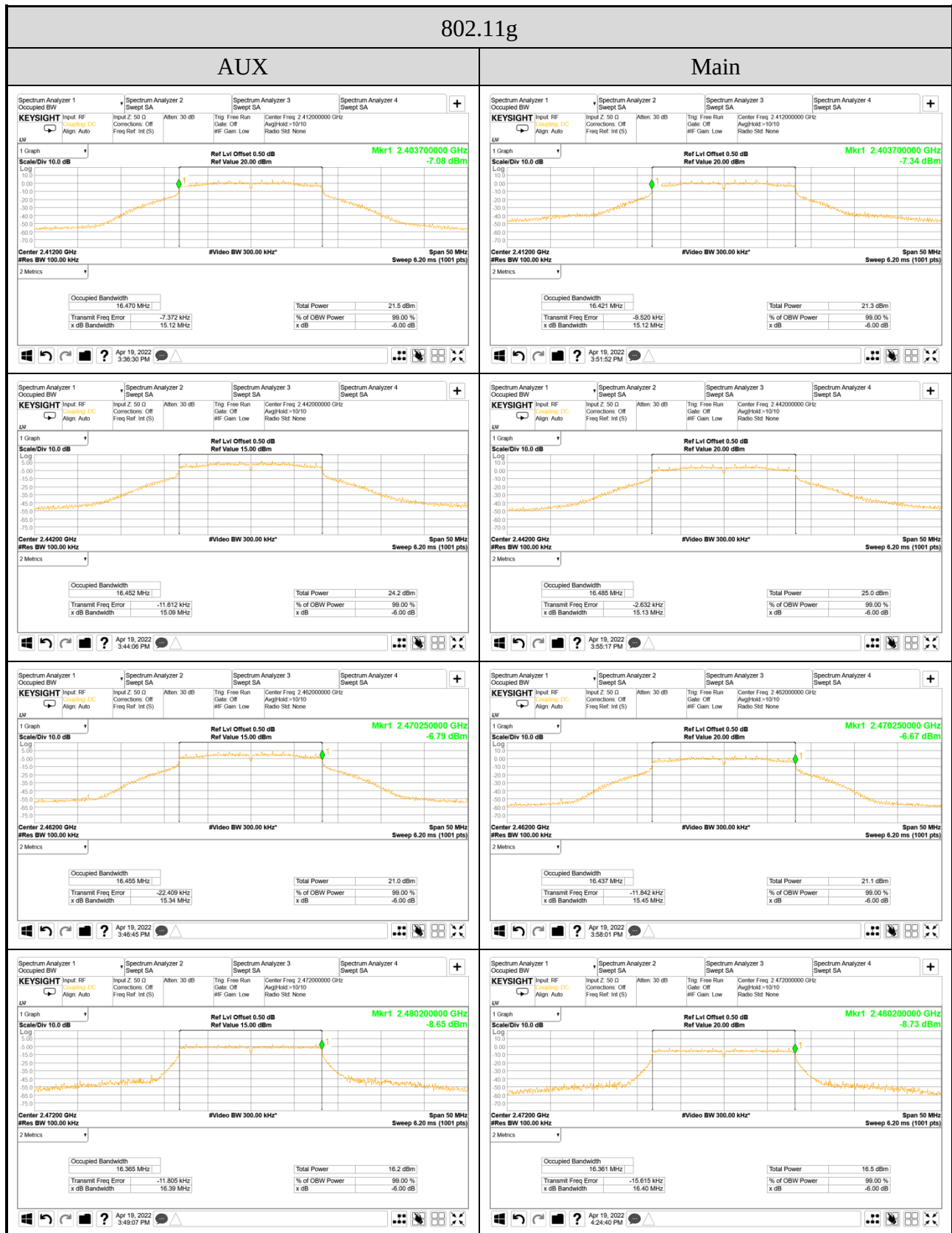
A.3.2 Measurement Plots

● DTS (6dB) Bandwidth



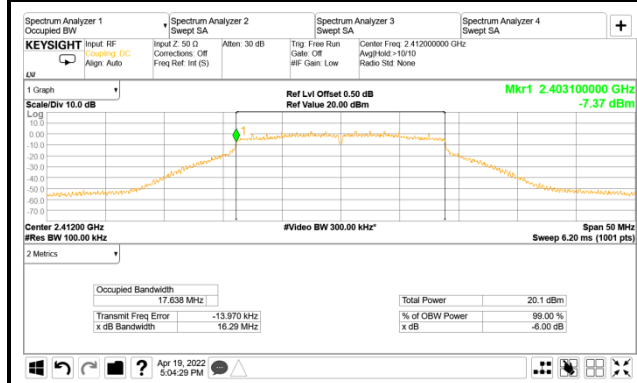
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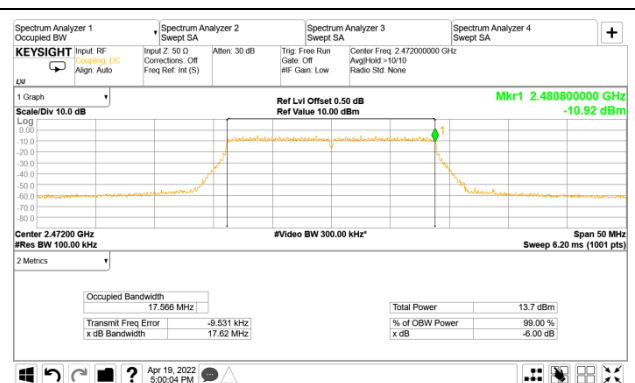
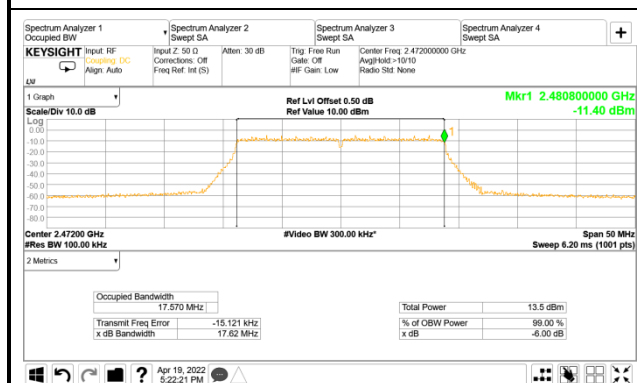
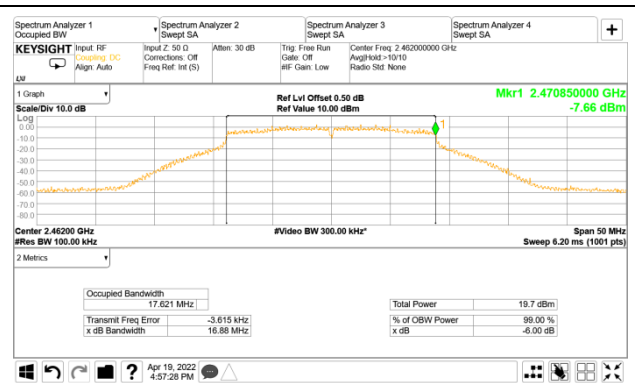
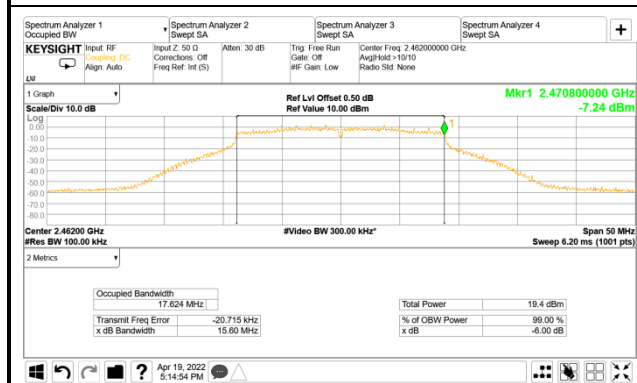
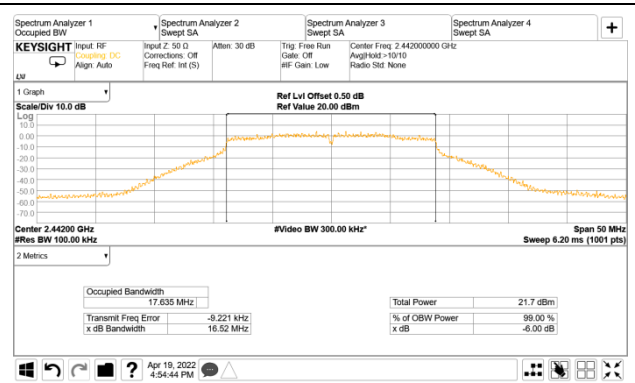
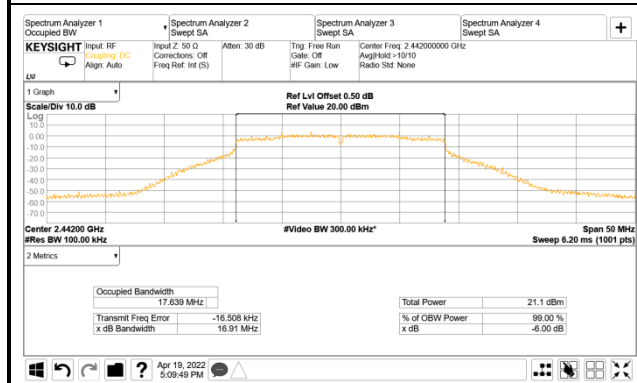
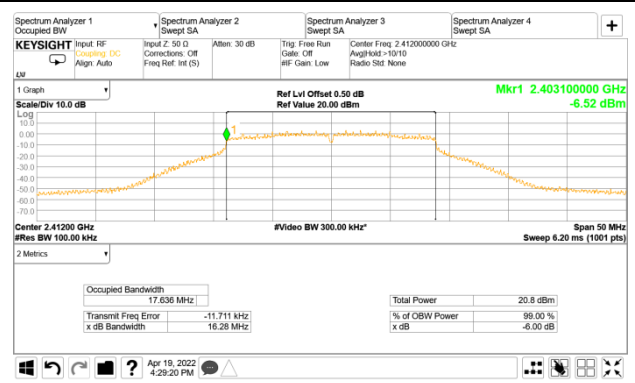


802.11n-HT20

AUX



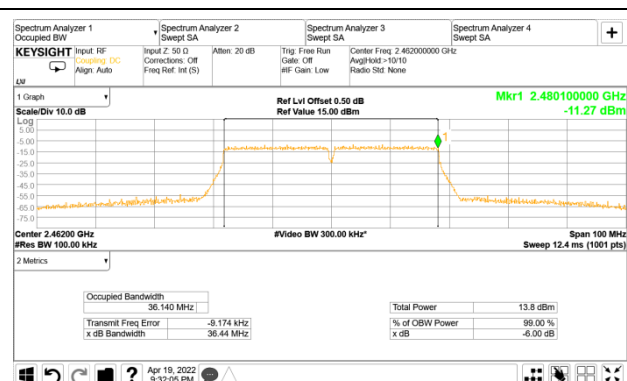
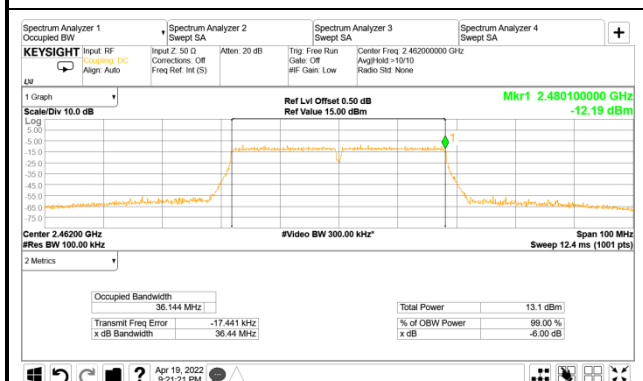
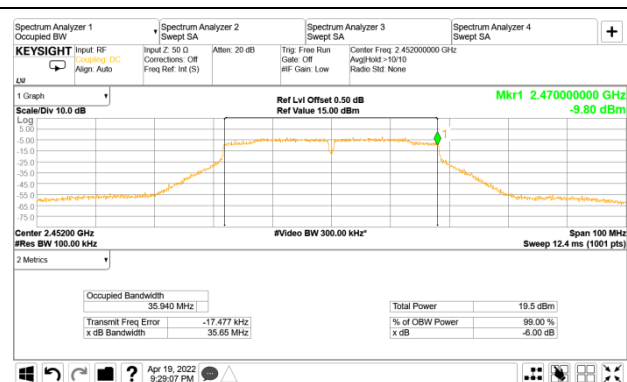
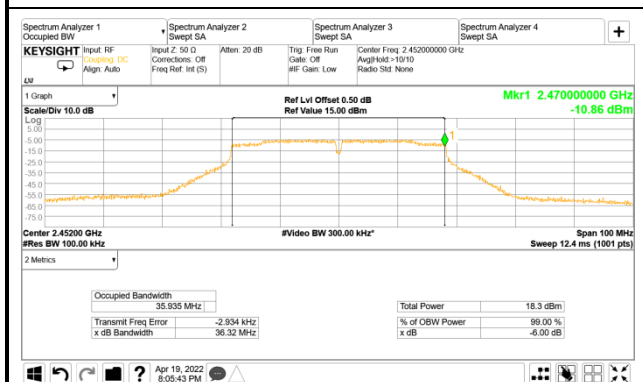
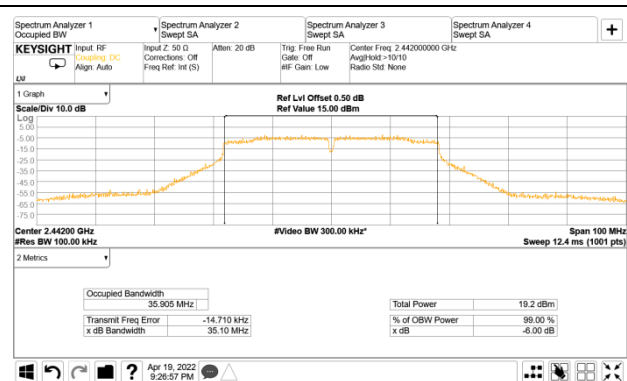
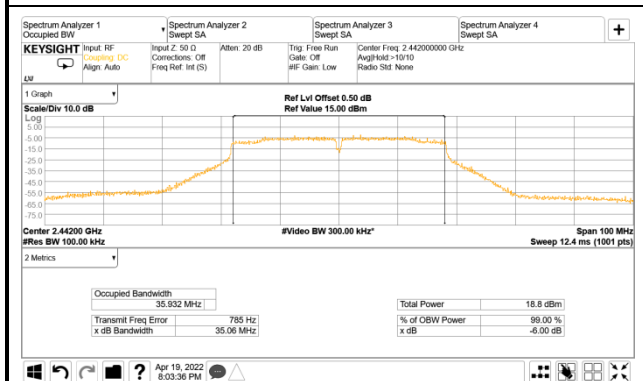
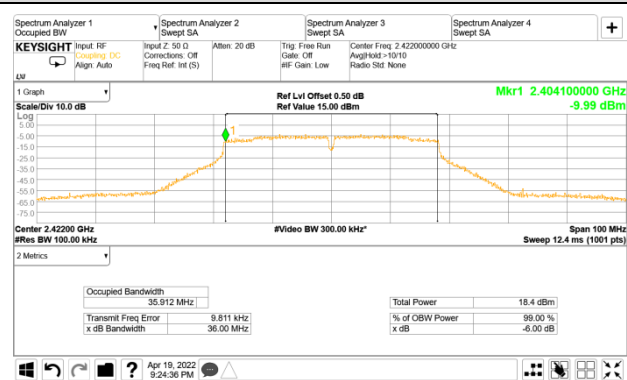
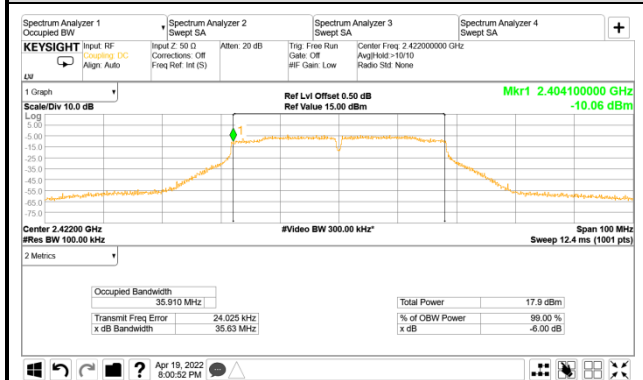
Main



802.11n-HT40

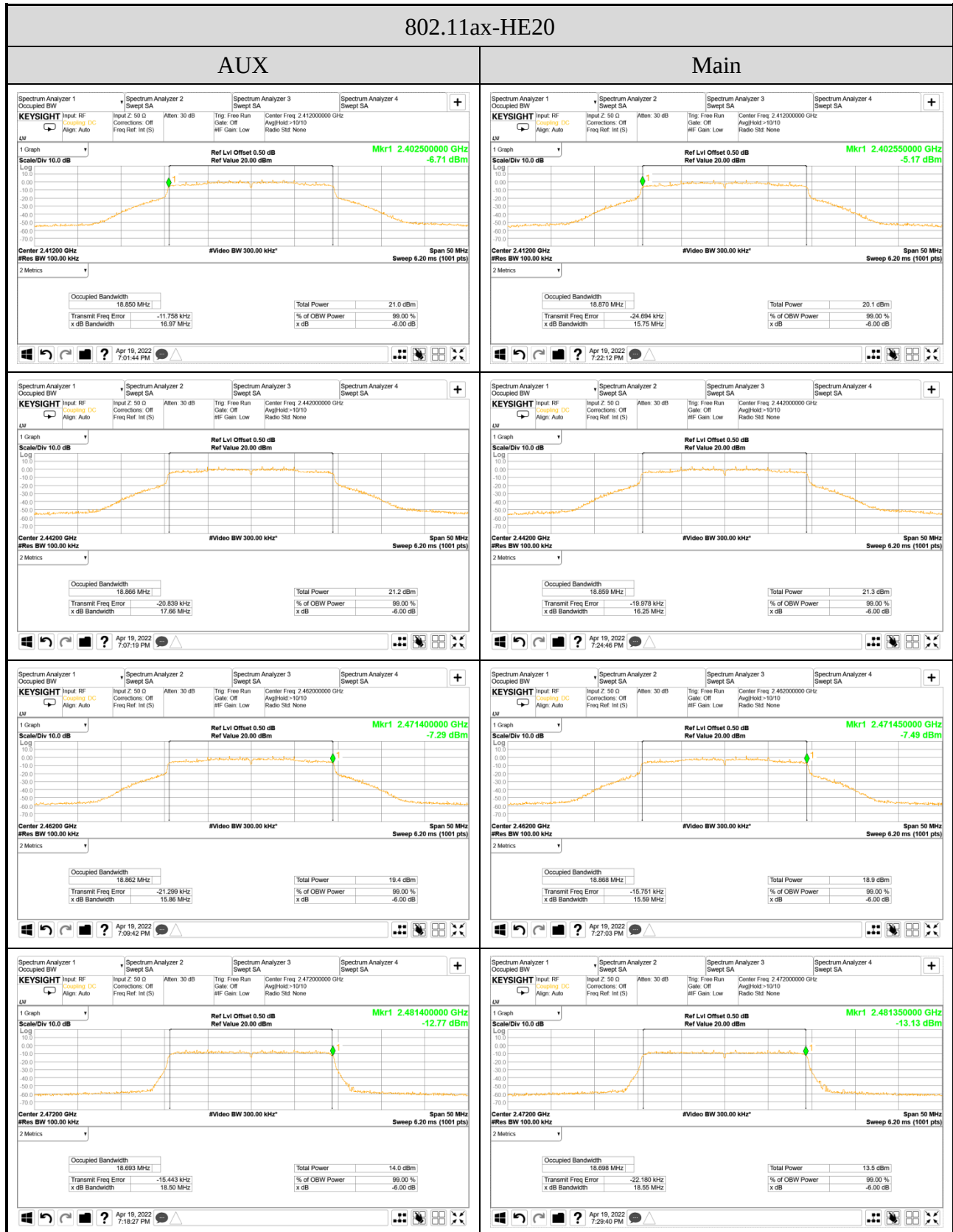
AUX

Main



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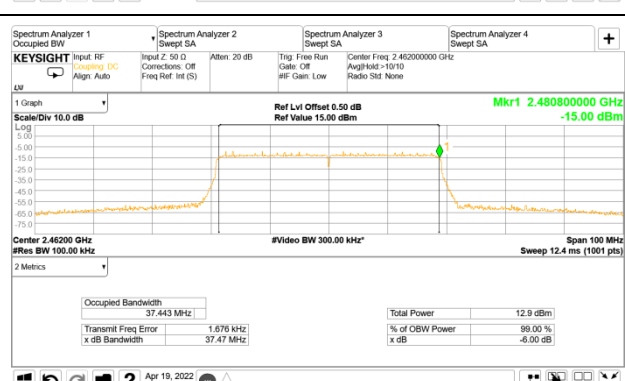
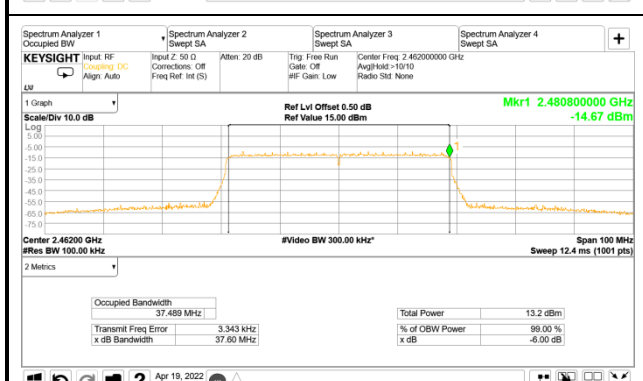
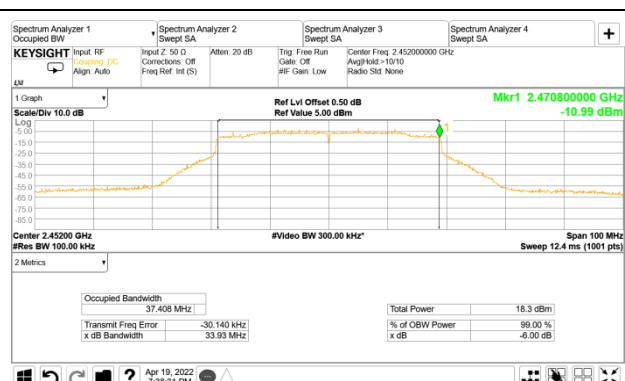
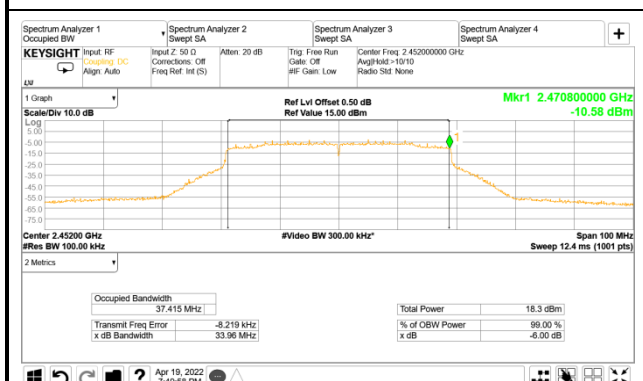
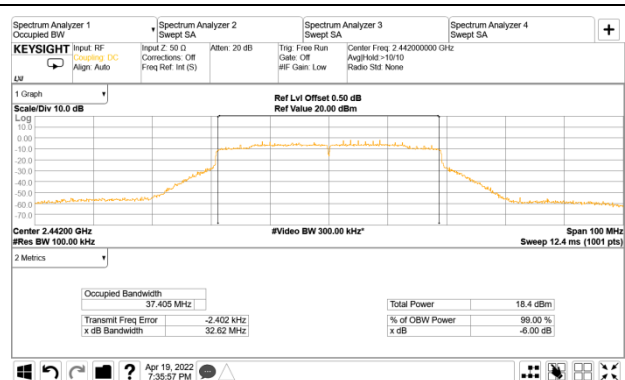
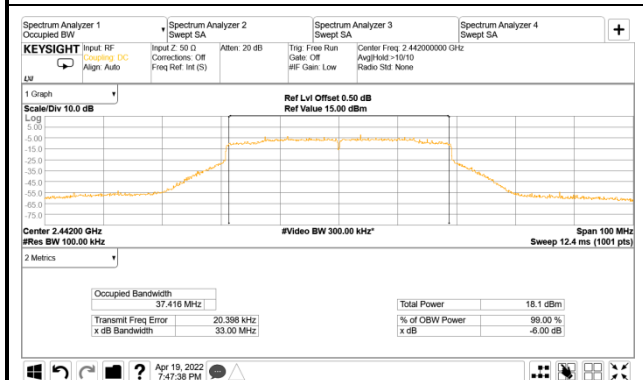
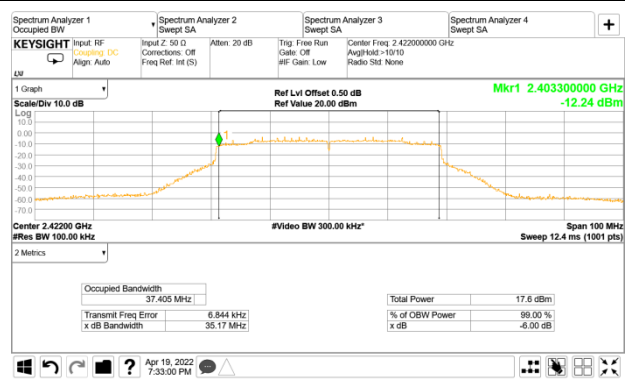
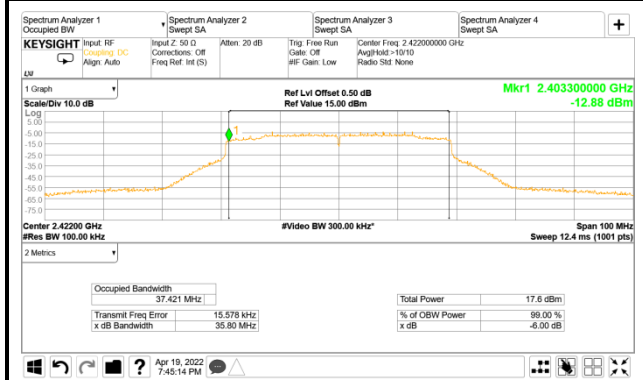
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802.11ax-HE40

AUX

Main



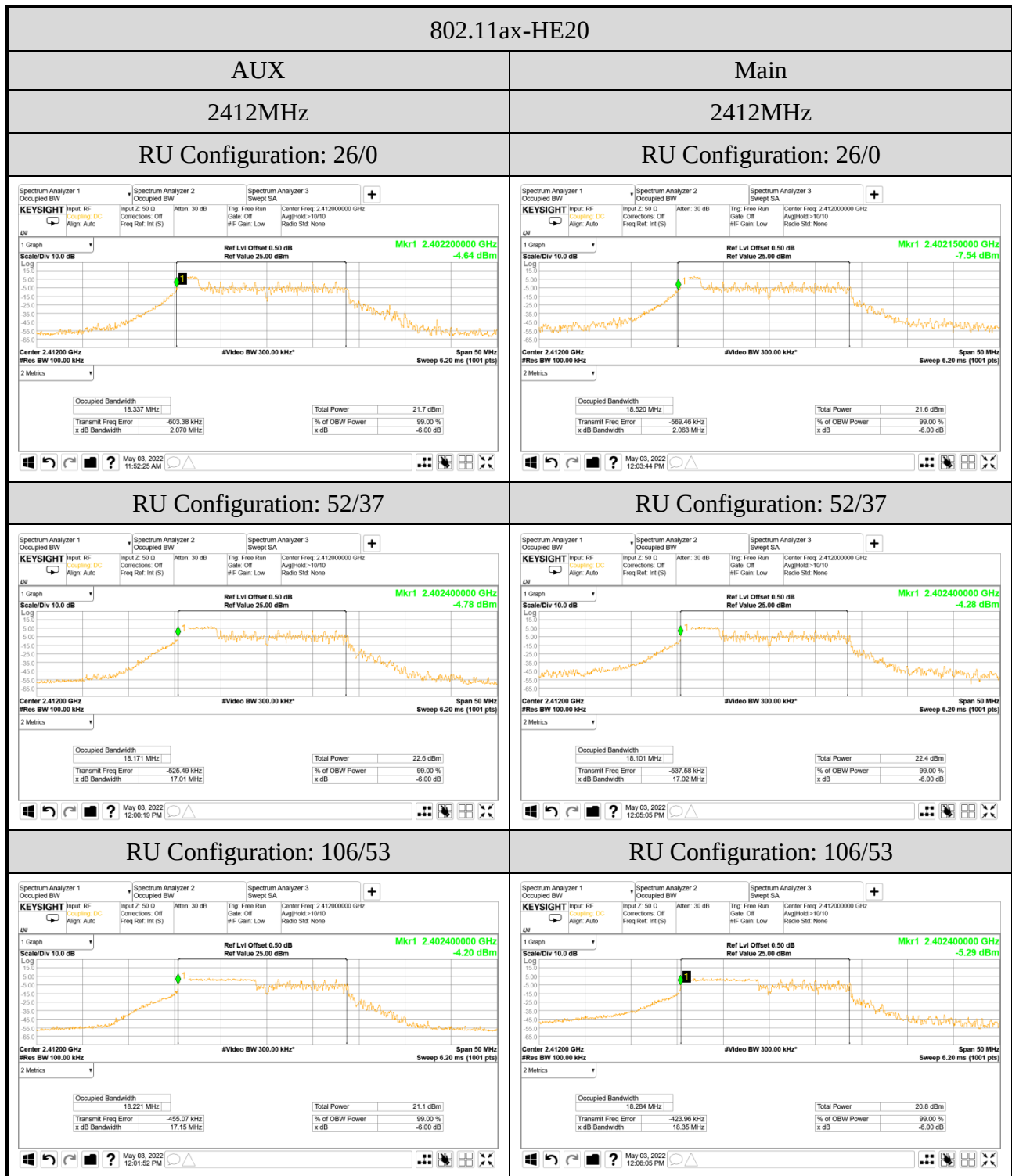
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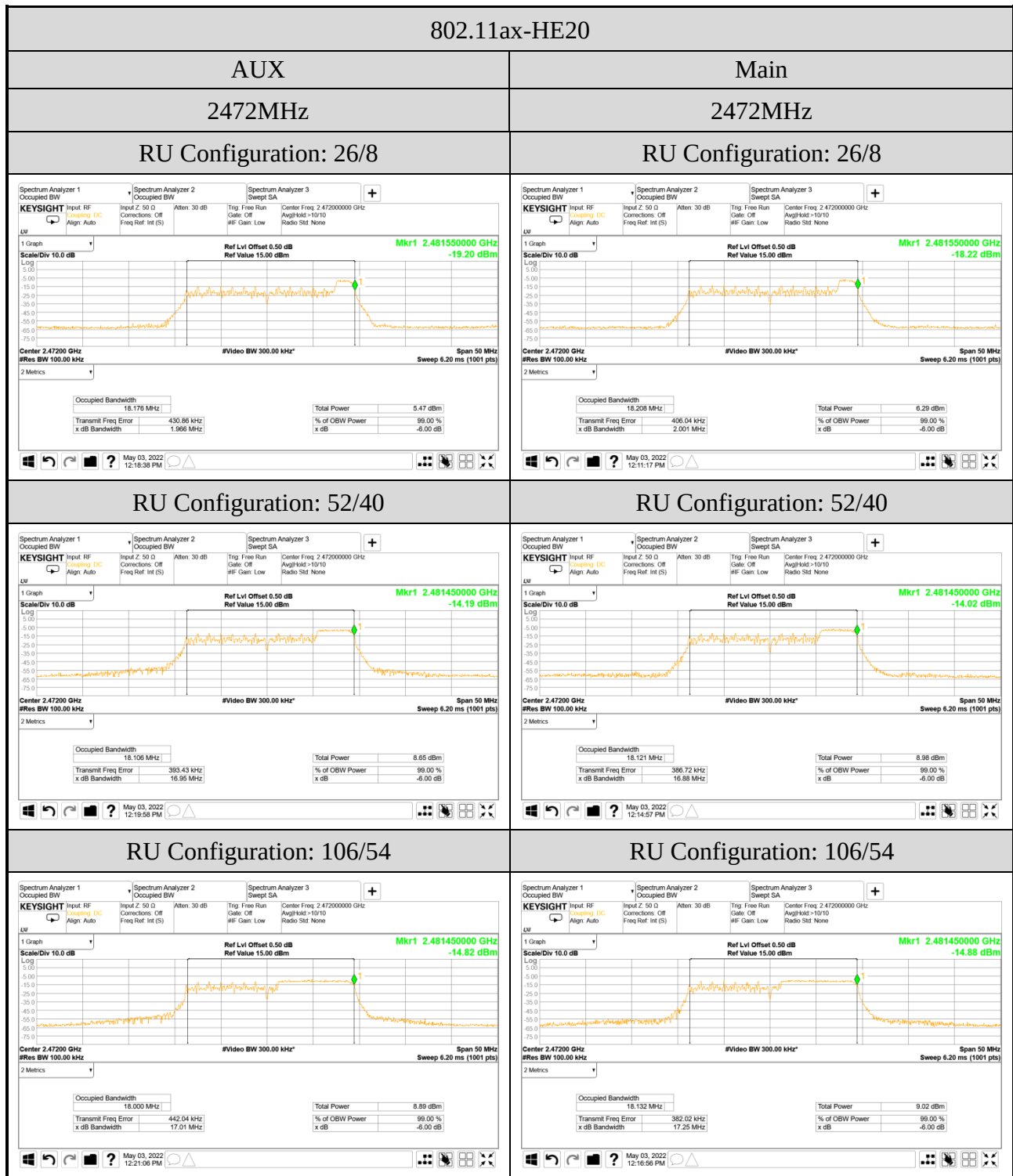
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