

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2025/09/22~23	Temp./Hum.	23~24°C/58~63%
Cable Loss	Main: 1.60dB, AUX: 1.75dB	Tested By	Sean Wang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 DTS/Occupied Bandwidth Result

● Wireless LAN Mode

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)		Occupied (99%) Bandwidth (MHz)		Limit
		AUX	Main	AUX	Main	
802.11b	2412	9.032	9.029	13.487	13.434	>500kHz
	2442	9.042	9.035	13.511	13.421	
	2462	9.022	9.029	13.514	13.394	
	2472	9.034	9.035	13.480	13.499	
802.11g	2412	15.68	15.11	16.756	16.691	
	2442	15.34	16.01	16.653	16.699	
	2462	15.68	15.34	16.666	16.645	
	2472	16.38	16.38	16.382	16.406	
802.11n-HT20	2412	15.08	17.54	17.799	17.823	
	2442	17.52	17.52	17.796	17.802	
	2462	15.72	15.72	17.750	17.800	
	2472	17.63	17.63	17.564	17.600	
802.11n-HT40	2422	36.02	30.79	35.985	35.604	
	2442	35.67	35.67	35.984	35.933	
	2452	36.01	36.01	35.997	35.954	
	2462	36.46	36.46	36.129	36.127	
802.11ax-HE20	2412	15.92	15.81	18.957	18.953	
	2442	15.98	16.01	18.970	18.918	
	2462	15.44	15.19	18.922	18.960	
	2472	18.63	18.51	18.752	18.762	
802.11ax-HE40	2422	35.13	35.13	37.505	37.481	
	2442	35.57	35.57	37.523	37.581	
	2452	35.13	35.13	37.518	37.493	
	2462	37.66	37.66	37.572	37.547	
802.11be-EHT20	2412	15.10	15.10	18.928	18.956	
	2442	17.08	17.12	18.968	18.943	
	2462	16.12	15.13	18.927	18.949	
	2472	18.49	18.49	18.740	18.734	
802.11be-EHT40	2422	35.13	35.13	37.495	37.458	
	2442	35.14	35.14	37.550	37.509	
	2452	35.14	35.14	37.510	37.506	
	2462	37.63	37.63	37.540	37.543	

Note: We only presented the middle channel plots for each test mode.

● BLE Mode

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)		Occupied (99%) Bandwidth (MHz)		Limit
		AUX	Main	AUX	Main	
BLE (1Mbps)	2402	0.7101	0.7095	1.0278	1.0263	>500kHz
	2440	0.7134	0.7091	1.0298	1.0307	
	2480	0.7109	0.7100	1.0277	1.0277	
BLE (2Mbps)	2402	1.175	1.175	2.0502	2.0504	
	2440	1.176	1.176	2.0513	2.0461	
	2480	1.175	1.178	2.0519	2.0494	
BLE (PHY Coded S2)	2402	0.6665	0.6578	1.0196	1.0192	
	2440	0.6592	0.6575	1.0221	1.0205	
	2480	0.6582	0.6577	1.0216	1.0209	
BLE (PHY Coded S8)	2402	0.6853	0.6853	1.0528	1.0526	
	2440	0.6864	0.6864	1.0556	1.0534	
	2480	0.6898	0.6898	1.0542	1.0517	

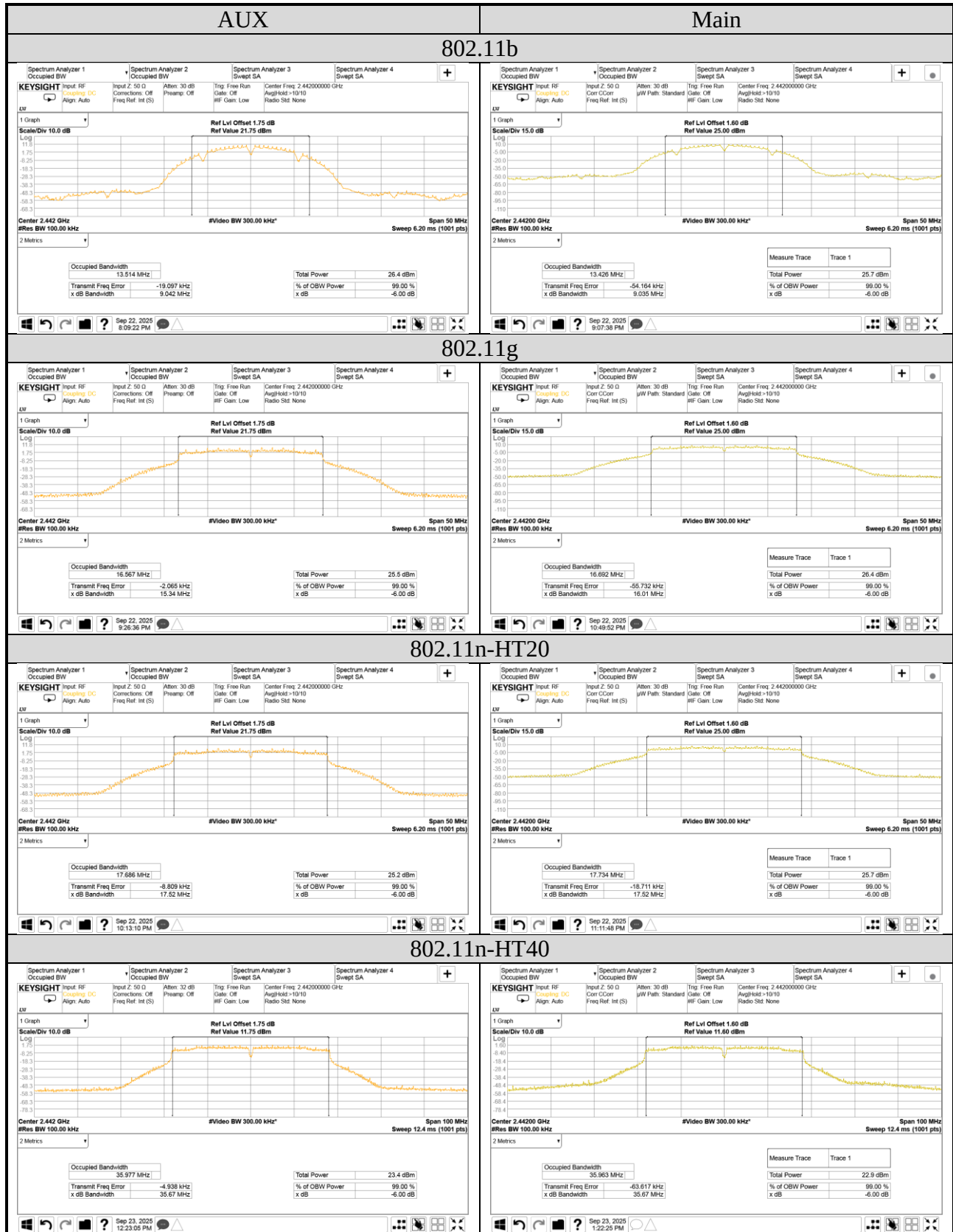
Note: We only presented the middle channel plots for each test mode.

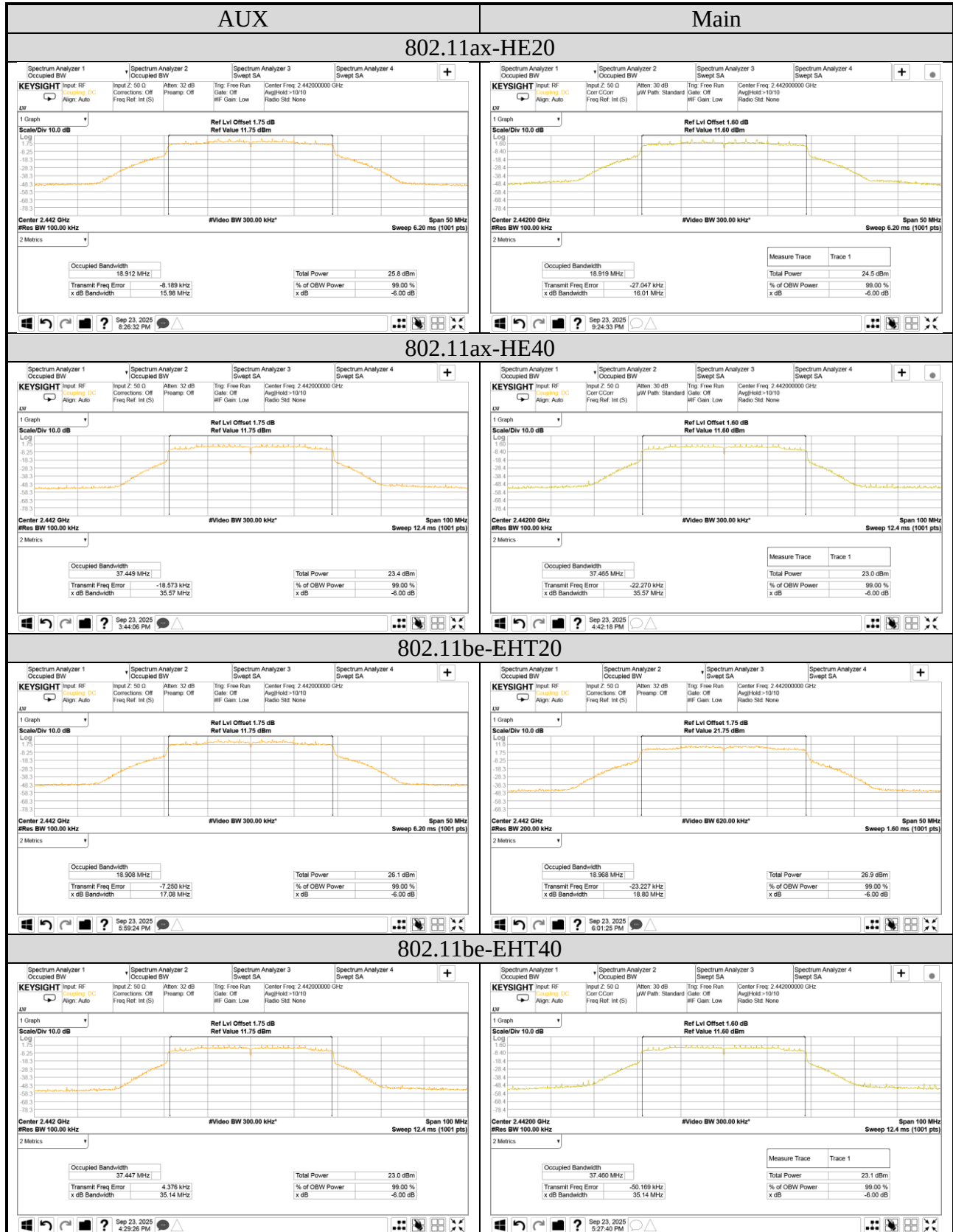
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A.3.2 Measurement Plots

- DTS (6dB) Bandwidth
- Wireless LAN Mode

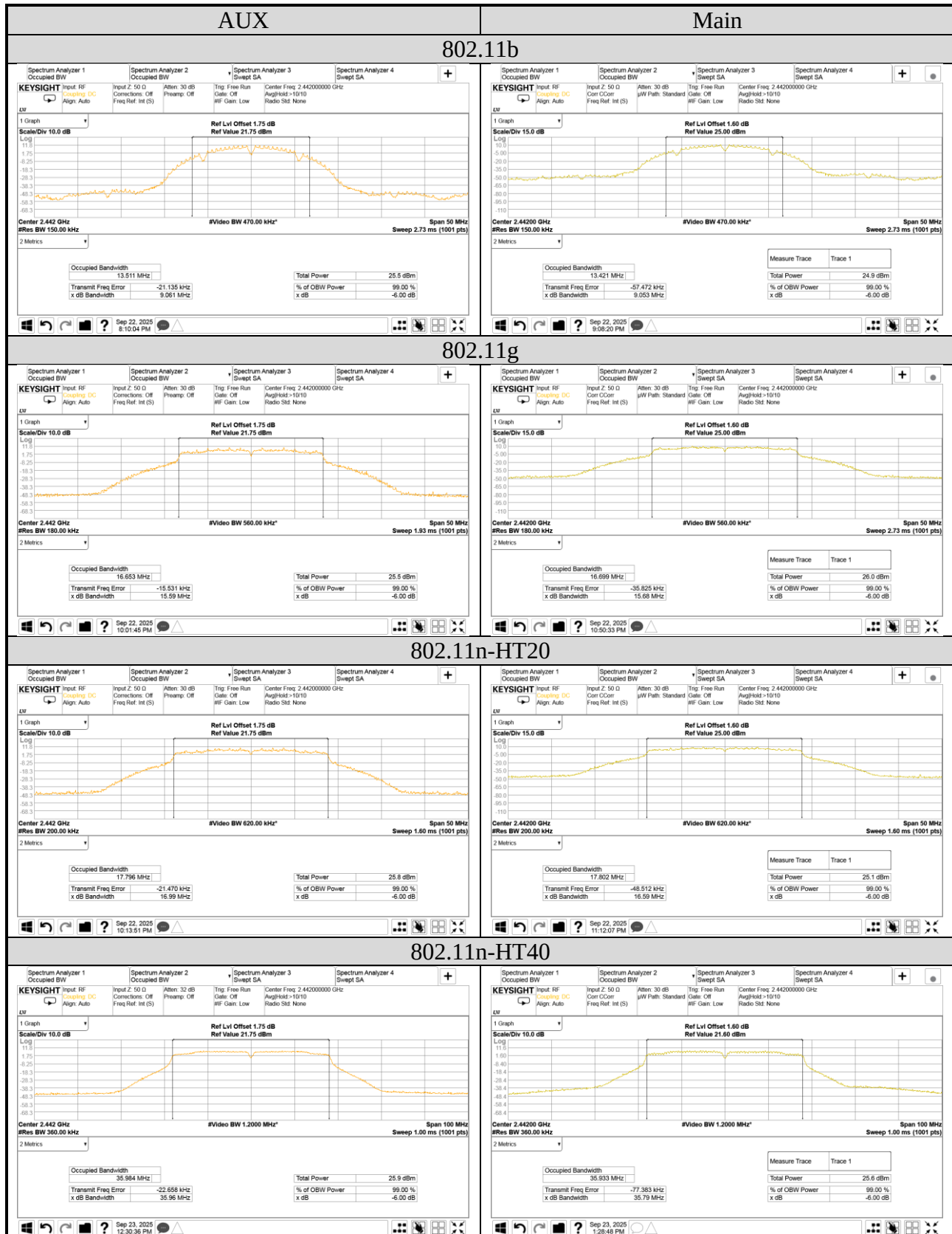




● BLE Mode



- Occupied (99%) Bandwidth
- Wireless LAN Mode





● BLE Mode

