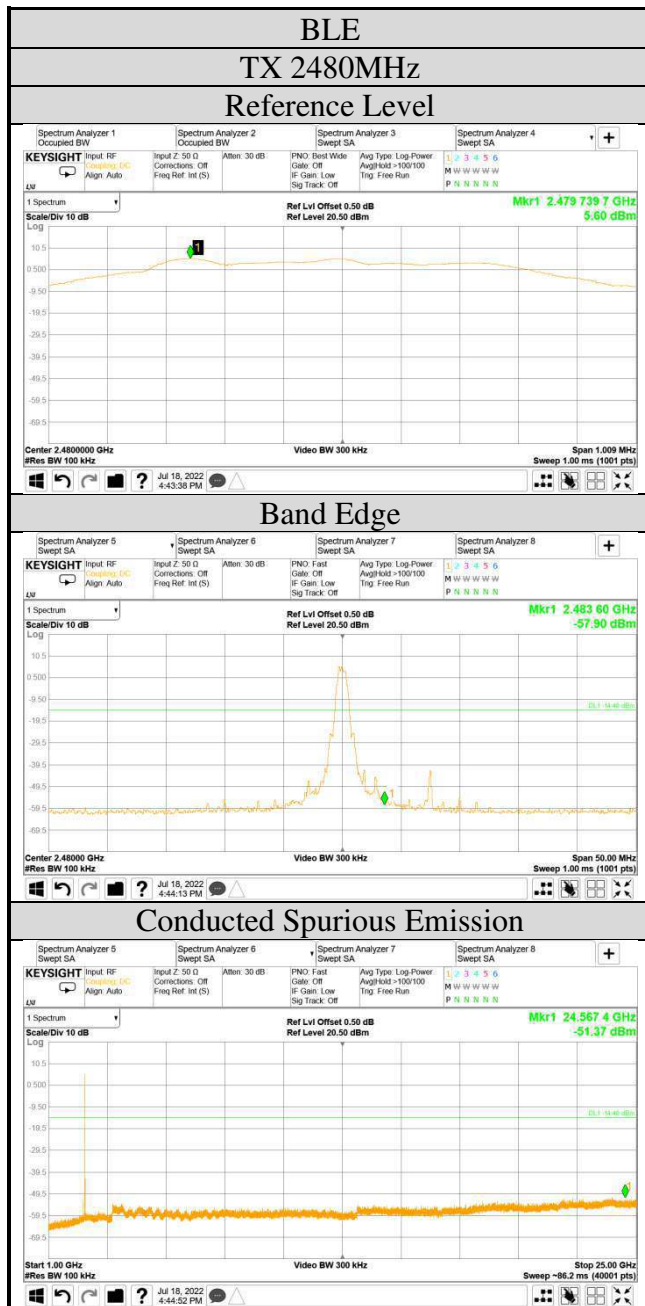


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A.6 POWER SPECTRAL DENSITY

Test Date	2022/07/14 ~20	Temp./Hum.	24~25°C/48~50%
Cable Loss	0.50dB	Tested By	Kuper Hsu
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

A.6.1 Power Spectral Density Result

Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)		MAX. Power Spectral Density (dBm) <small>Note 2</small>	Limit
		AUX	Main		
802.11b	2412	-2.430	-2.680	-2.430	<8 dBm/3kHz
	2442	-2.500	-2.500	-2.500	
	2462	-2.470	-2.590	-2.470	
	2472	-5.690	-6.630	-5.690	
802.11g	2412	-5.870	-6.480	-5.870	
	2442	-4.110	-3.950	-3.950	
	2462	-6.990	-6.850	-6.850	
	2472	-12.890	-13.020	-12.890	

Note: 1. All results have been included cable loss.

2. MAX. Power Spectral Density (dBm) = Max of each Power Spectral Density (dBm).

Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)		Total Power Spectral Density (dBm) <small>Note 2</small>	Limit
		AUX	Main		
802.11n-HT20	2412	-7.890	-8.390	-5.123	<8 dBm/3kHz
	2442	-3.330	-3.680	-0.491	
	2462	-8.370	-8.720	-5.531	
	2472	-16.140	-16.250	-13.184	
802.11n-HT40	2422	-11.980	-11.620	-8.786	
	2442	-12.030	-11.660	-8.831	
	2452	-12.670	-11.760	-9.181	
	2462	-18.500	-17.940	-15.201	
802.11ax-HE20	2412	-8.250	-8.950	-5.576	
	2442	-5.100	-4.660	-1.864	
	2462	-9.630	-9.140	-6.368	
	2472	-17.500	-17.670	-14.574	
802.11ax-HE40	2422	-13.810	-12.860	-10.299	
	2442	-12.140	-12.620	-9.363	
	2452	-13.770	-13.080	-10.401	
	2462	-19.030	-19.250	-16.128	

Mode	RU Configuration	Centre Frequency (MHz)	Power Spectral Density (dBm)		Total Power Spectral Density (dBm) <small>Note 2</small>	Limit
			AUX	Main		
802.11ax-HE20	26/0	2412	1.540	2.390	4.996	<8 dBm/3kHz
	52/37		-1.150	-0.380	2.262	
	106/53		-2.990	-3.030	0.000	
	26/8	2472	-10.380	-10.940	-7.641	
	52/40		-12.890	-12.510	-9.686	
	106/54		-15.060	-15.800	-12.404	
802.11ax-HE40	242/61	2422	-8.250	-8.290	-5.260	
	242/62	2462	-16.890	-17.010	-13.939	

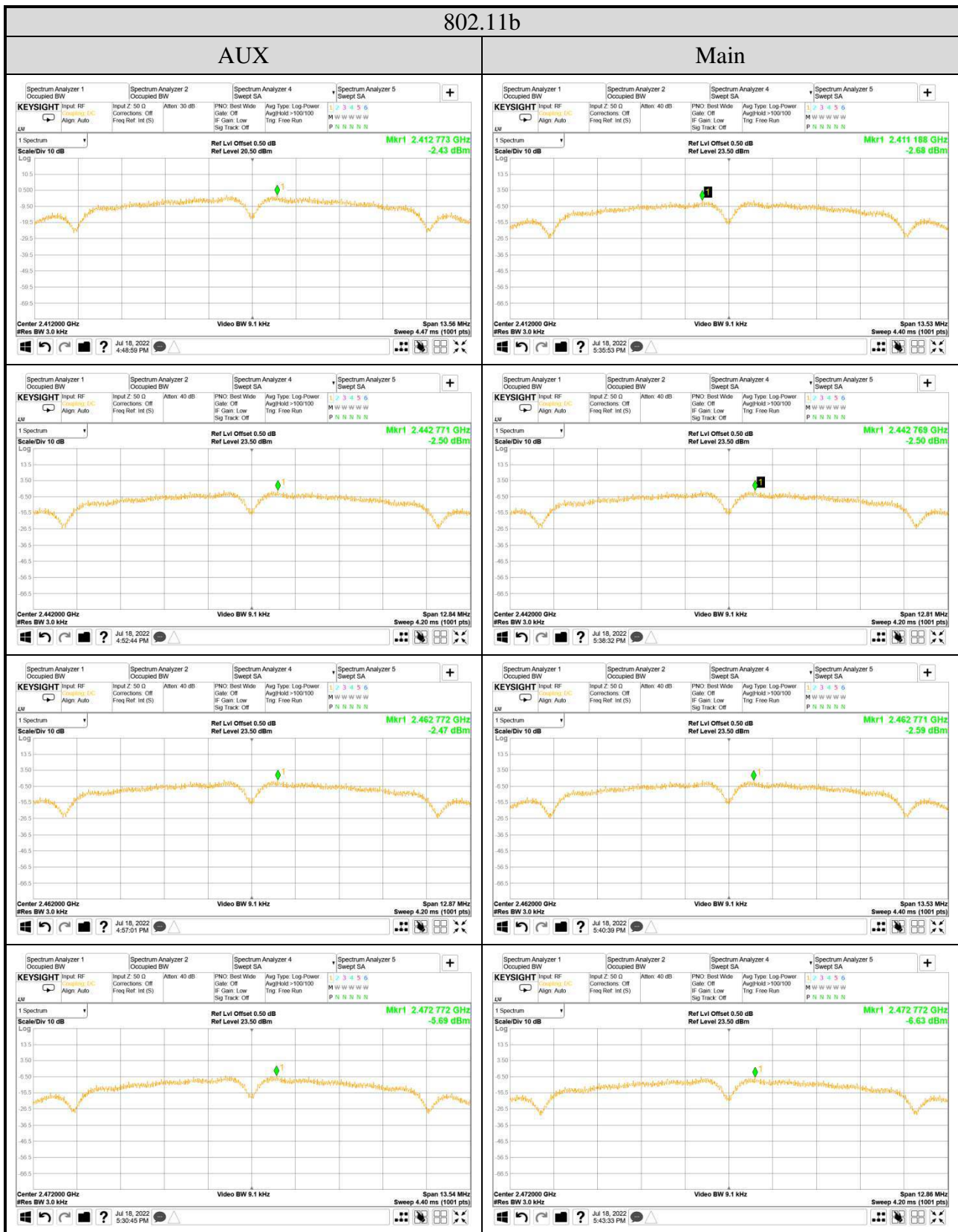
Note: 1. All results have been included cable loss.

2. According to KDB 662911 D01 E)2)a), Total Power Spectral Density (dBm) = Sum to individual Power Spectral Density (dBm).

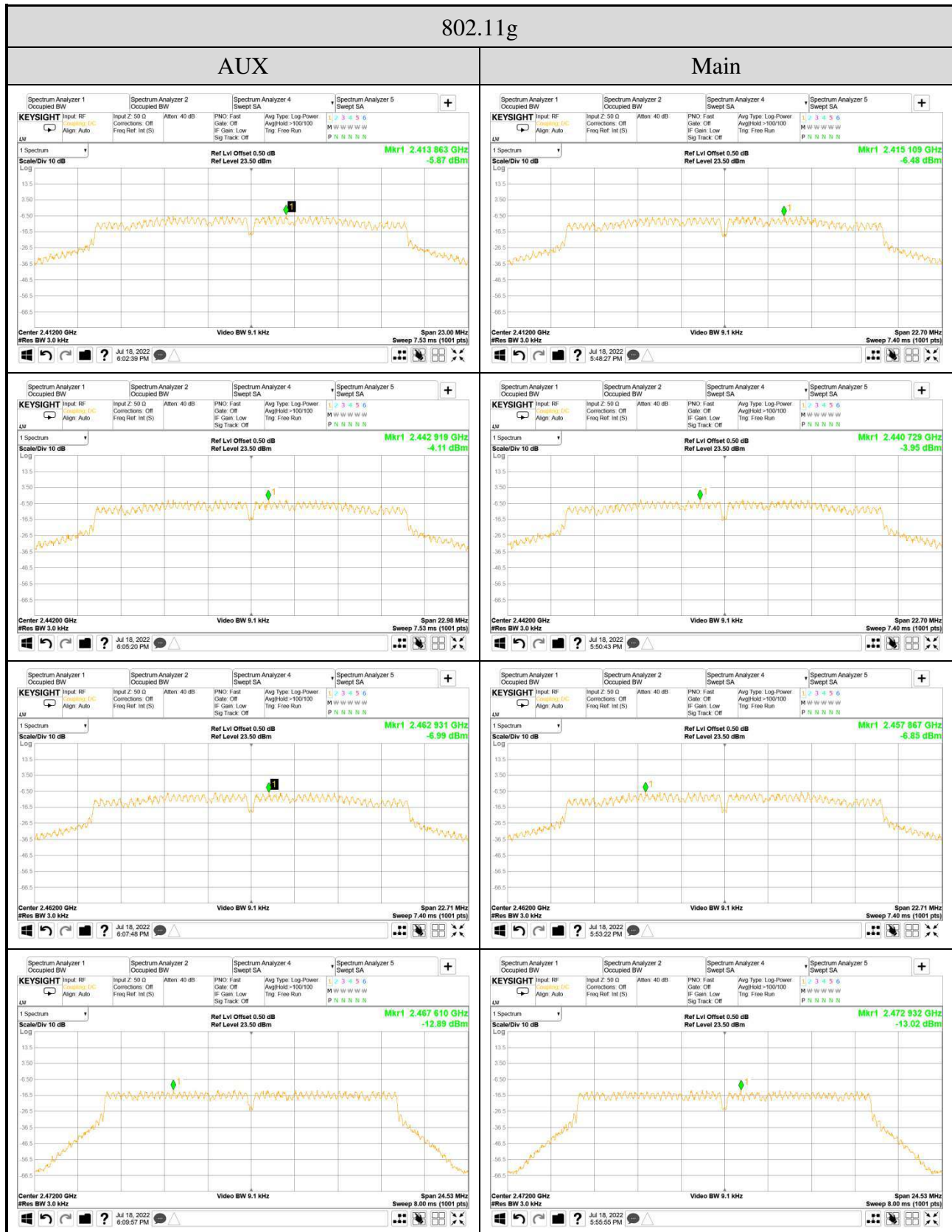
Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
BLE	2402	-0.74	<8 dBm/3kHz
	2440	-0.41	
	2480	-0.64	

Note: All results have been included cable loss.

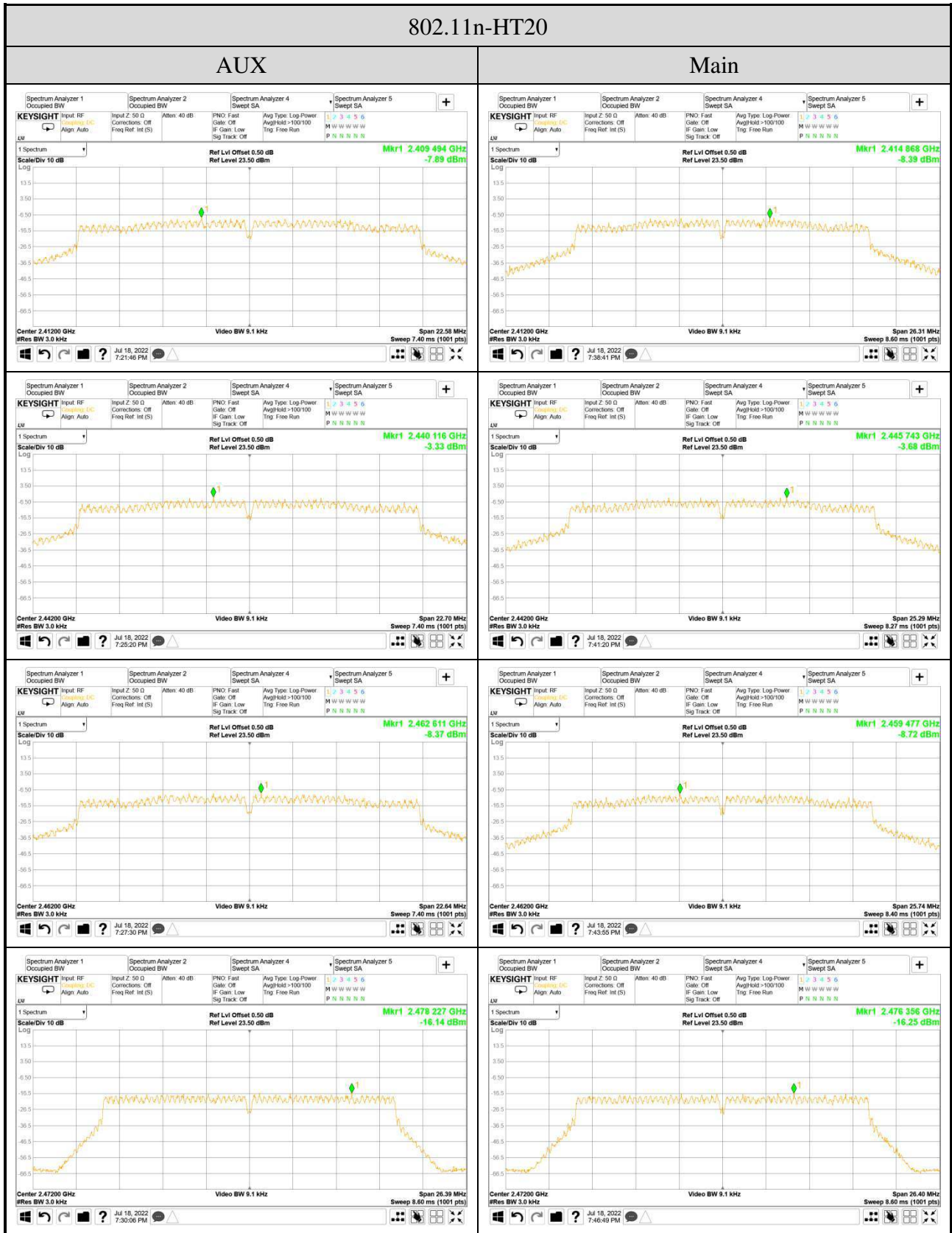
A.6.2 Measurement Plots



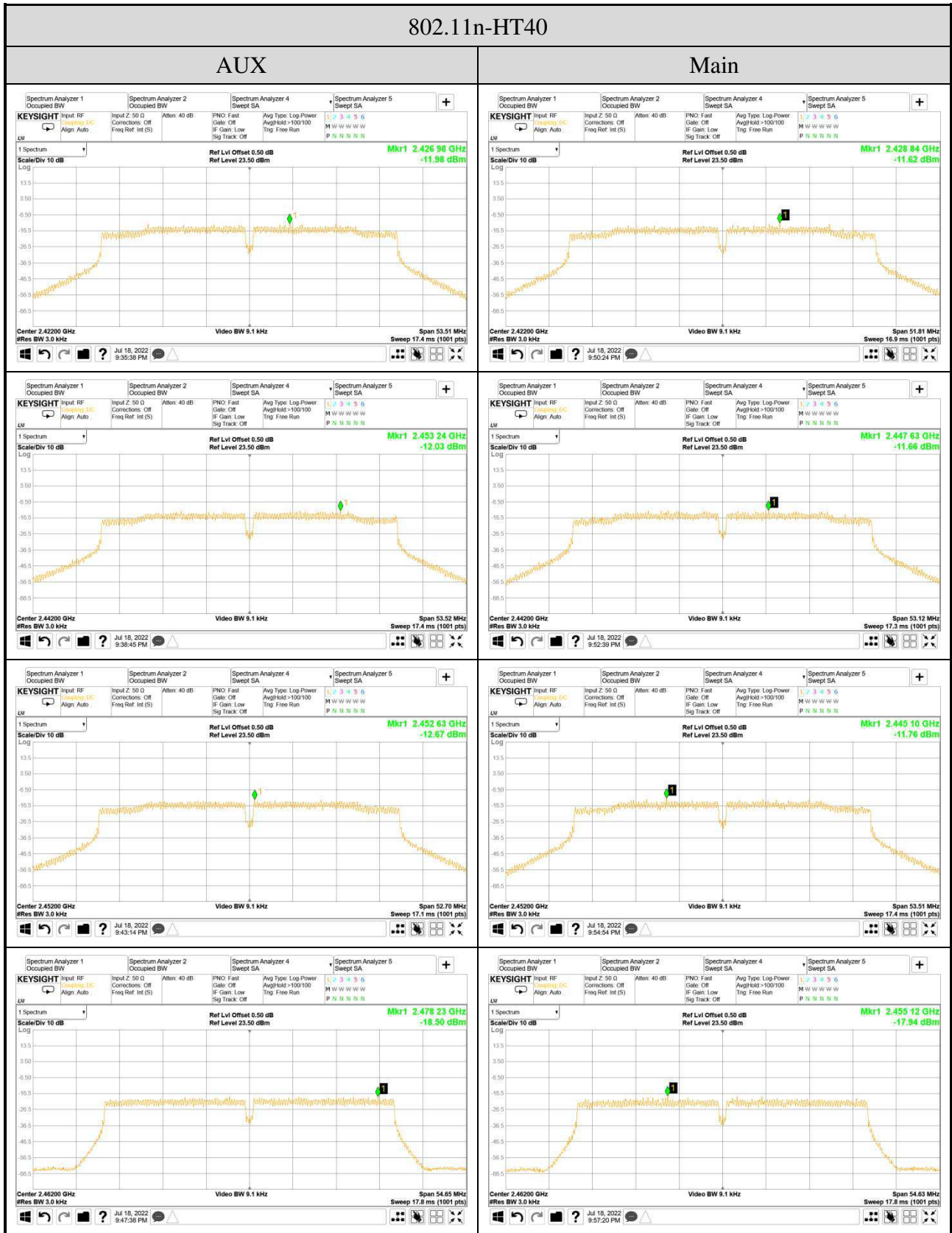
Note: All results have been included cable loss.



Note: All results have been included cable loss.

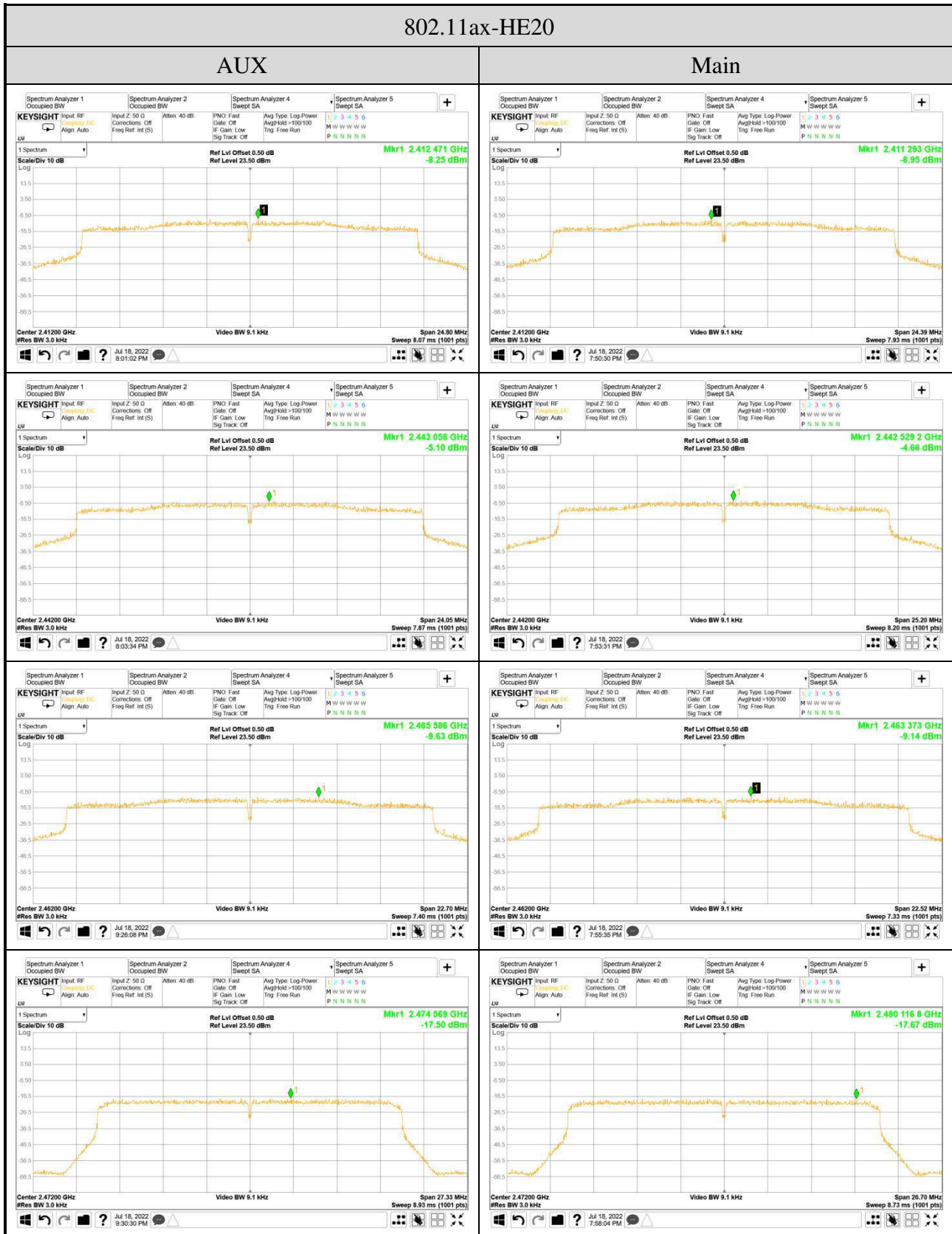


Note: All results have been included cable loss.

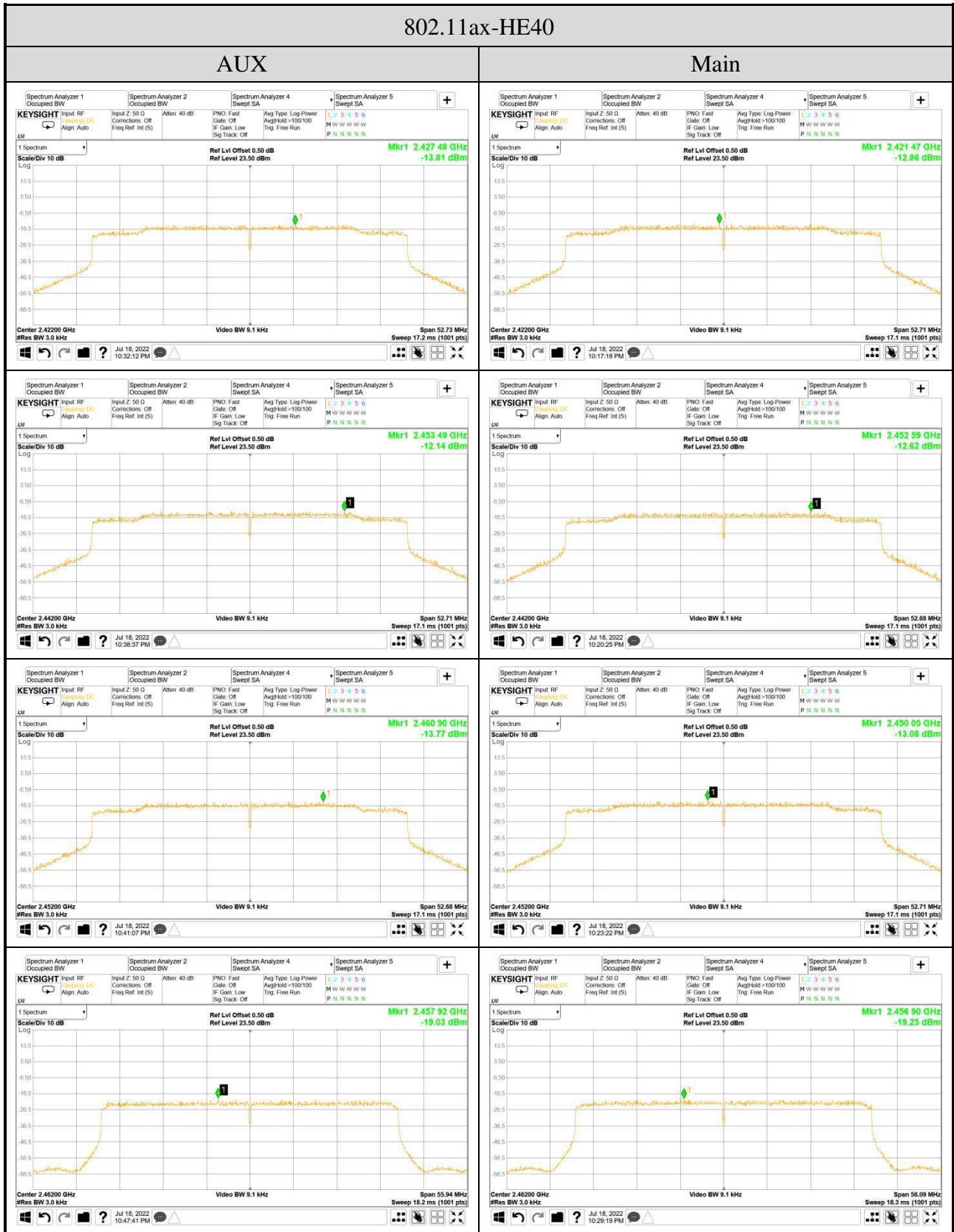


Note: All results have been included cable loss.

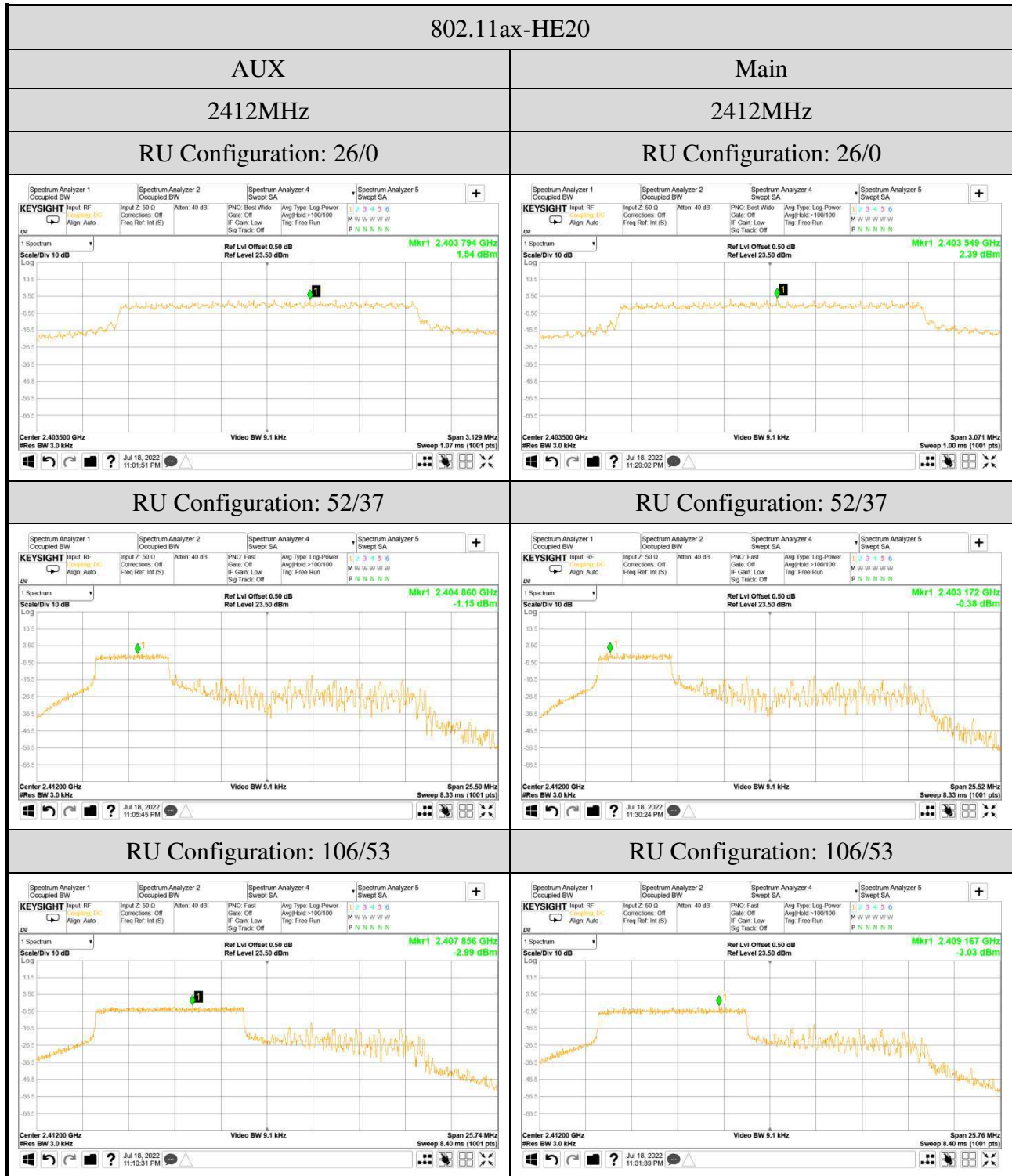
802.11ax-HE20



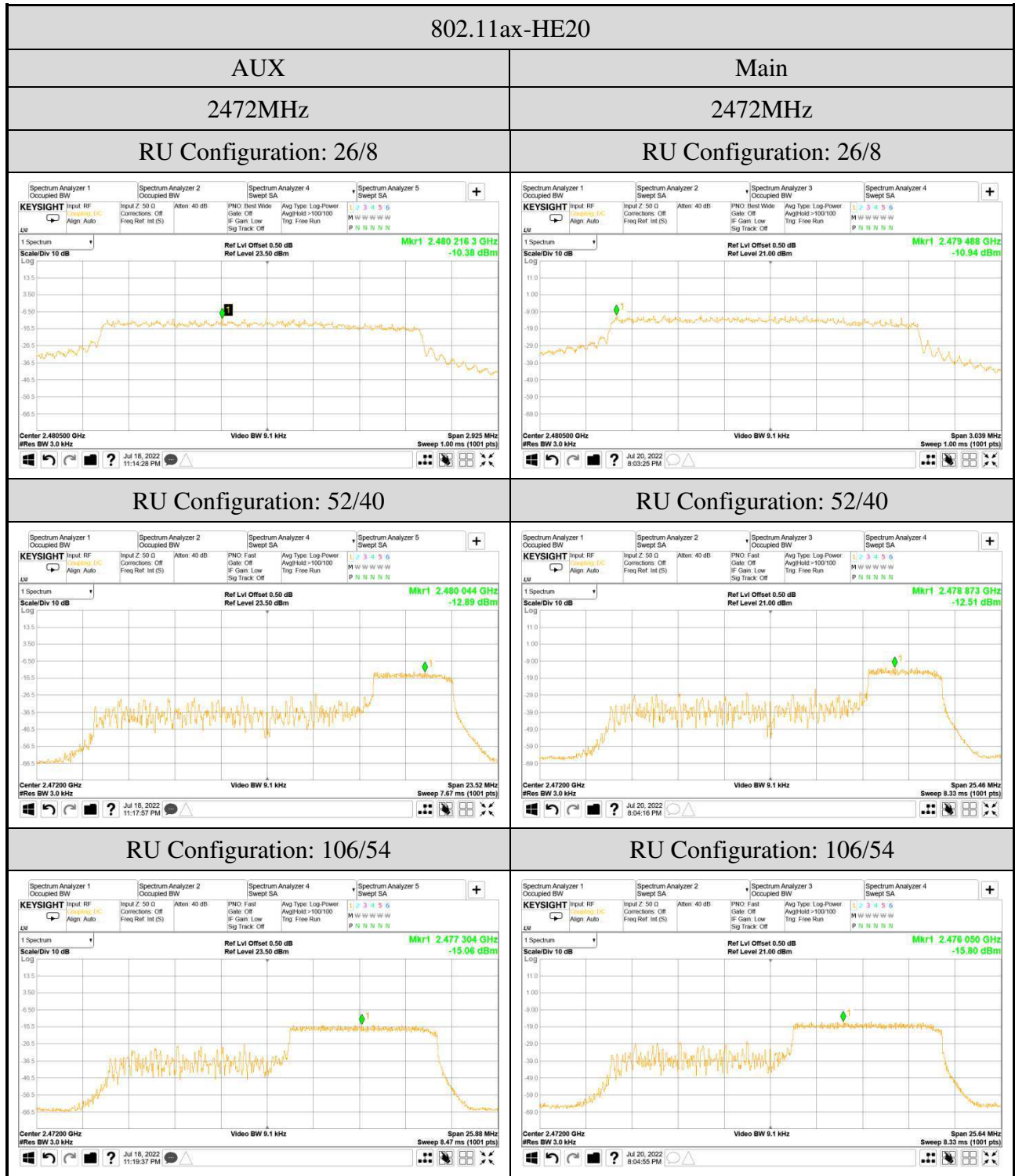
Note: All results have been included cable loss.



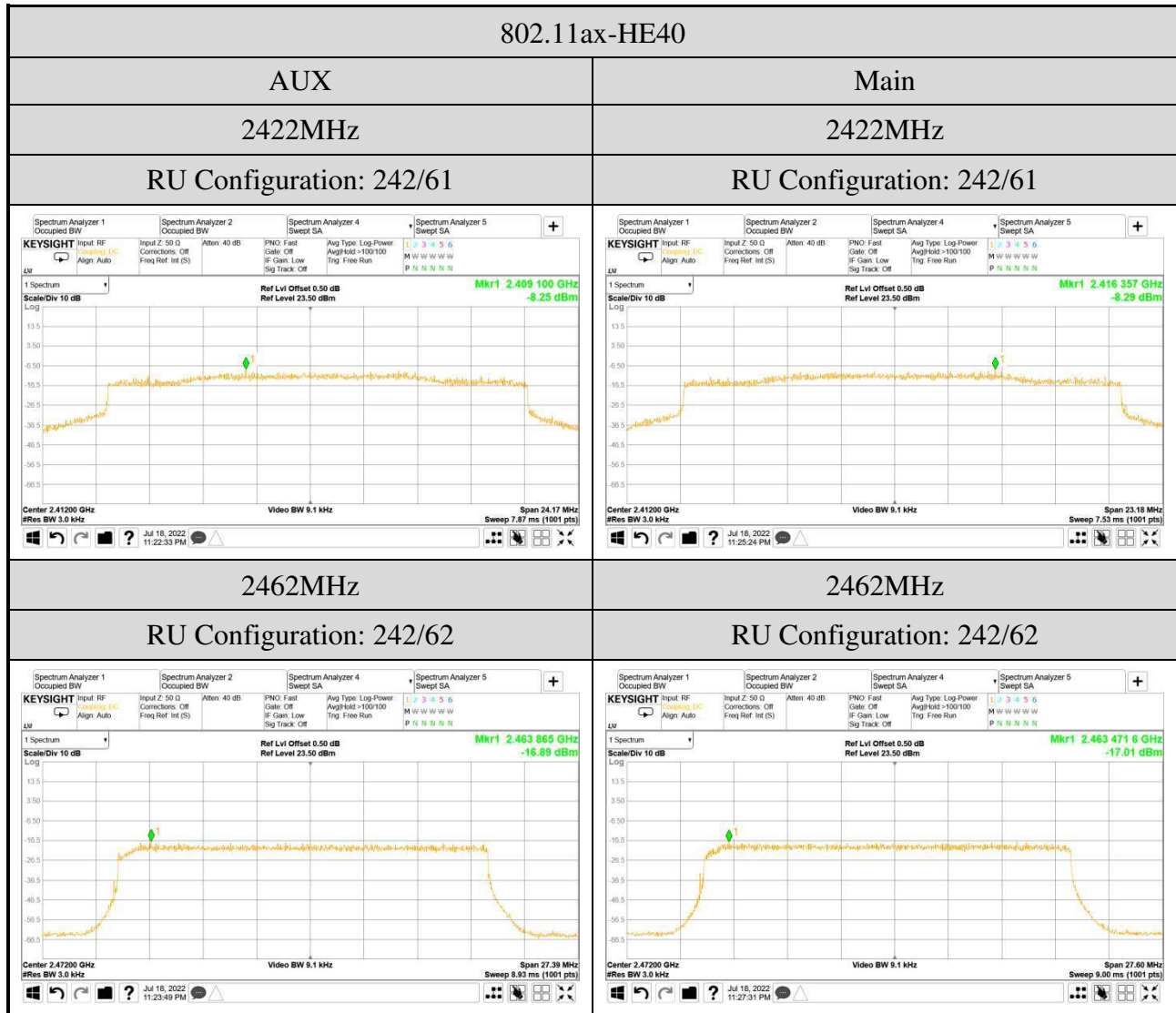
Note: All results have been included cable loss.



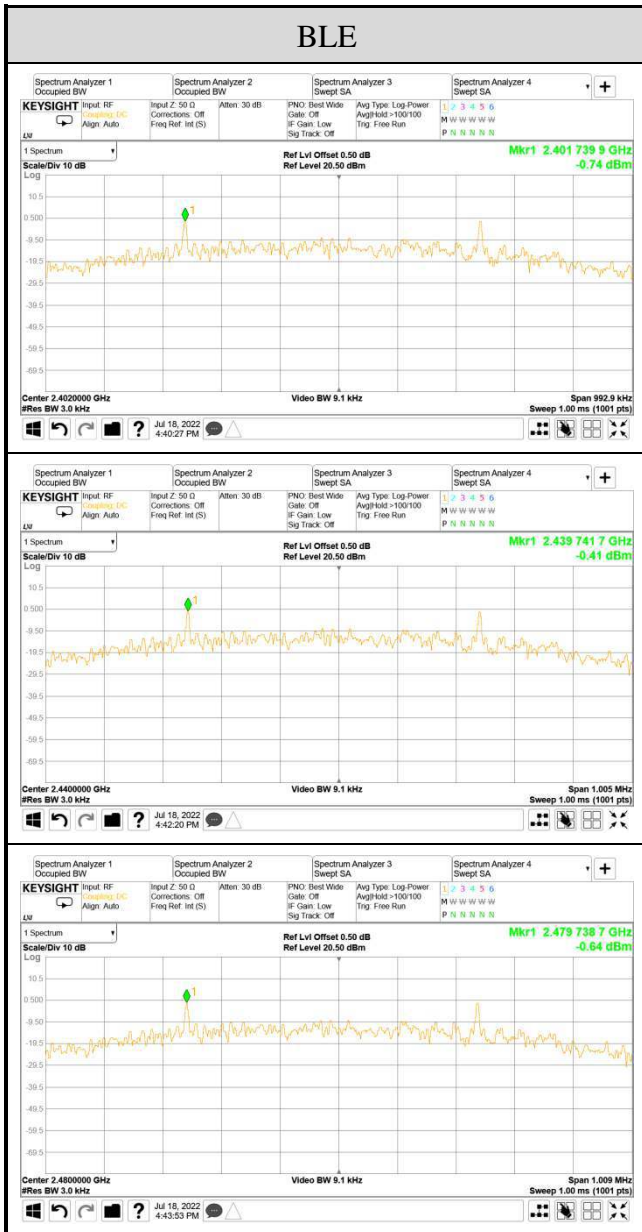
Note: All results have been included cable loss.



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