

A.6 POWER SPECTRAL DENSITY

Test Date	2022/10/18 ~21	Temp./Hum.	24°C/63-71%
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) Note 2	Limit
		AUX	Main		
802.11b	2412	-2.410	-2.440	-2.410	<8 dBm/3kHz
	2442	-2.380	-2.310	-2.310	
	2462	-2.990	-2.310	-2.310	
	2472	-5.940	-6.600	-5.940	
802.11g	2412	-7.070	-6.660	-6.660	
	2442	-4.800	-3.150	-3.150	
	2462	-7.340	-5.890	-5.890	
	2472	-13.130	-13.100	-13.100	

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) Note 2	Limit
		AUX	Main		
802.11n-HT20	2412	-9.060	-8.790	-5.913	<8 dBm/3kHz
	2442	-4.330	-3.380	-0.819	
	2462	-9.550	-8.050	-5.725	
	2472	-18.540	-18.850	-15.682	
802.11n-HT40	2422	-11.590	-11.450	-8.509	
	2442	-10.470	-11.450	-7.922	
	2452	-12.500	-12.300	-9.389	
	2462	-21.810	-21.160	-18.463	
802.11ax-HE20	2412	-9.690	-9.680	-6.675	
	2442	-3.640	-3.650	-0.635	
	2462	-8.780	-9.220	-5.984	
	2472	-19.620	-19.460	-16.529	
802.11ax-HE40	2422	-14.240	-13.220	-10.690	
	2442	-12.770	-12.030	-9.374	
	2452	-14.450	-13.030	-10.672	
	2462	-22.920	-23.000	-19.950	

Mode	RU Configuration	Centre Frequency (MHz)	Power Spectral Density (dBm)		Total Power Spectral Density (dBm) Note 2	Limit
			AUX	Main		
802.11ax-HE20	26/0	2412	0.780	1.660	4.253	<8 dBm/3kHz
	52/37		-1.060	0.020	2.524	
	106/53		-4.180	-3.590	-0.865	
	26/8	2472	-11.240	-11.270	-8.245	
	52/40		-12.990	-12.730	-9.848	
	106/54		-16.160	-15.550	-12.834	
802.11ax-HE40	242/61	2422	-10.520	-9.270	-6.840	
	242/62	2462	-18.790	-18.730	-15.750	

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).

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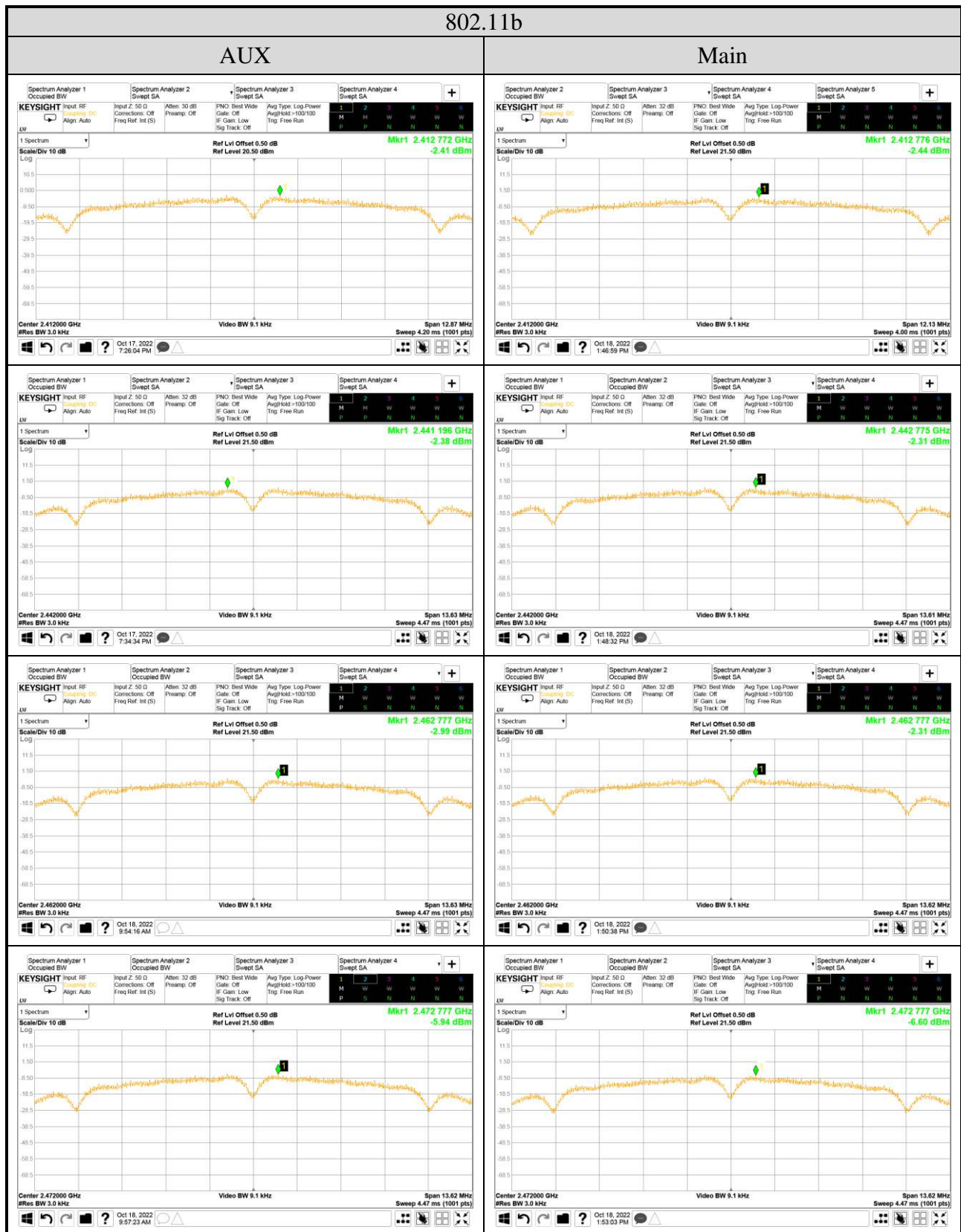
New Taipei City 244, Taiwan

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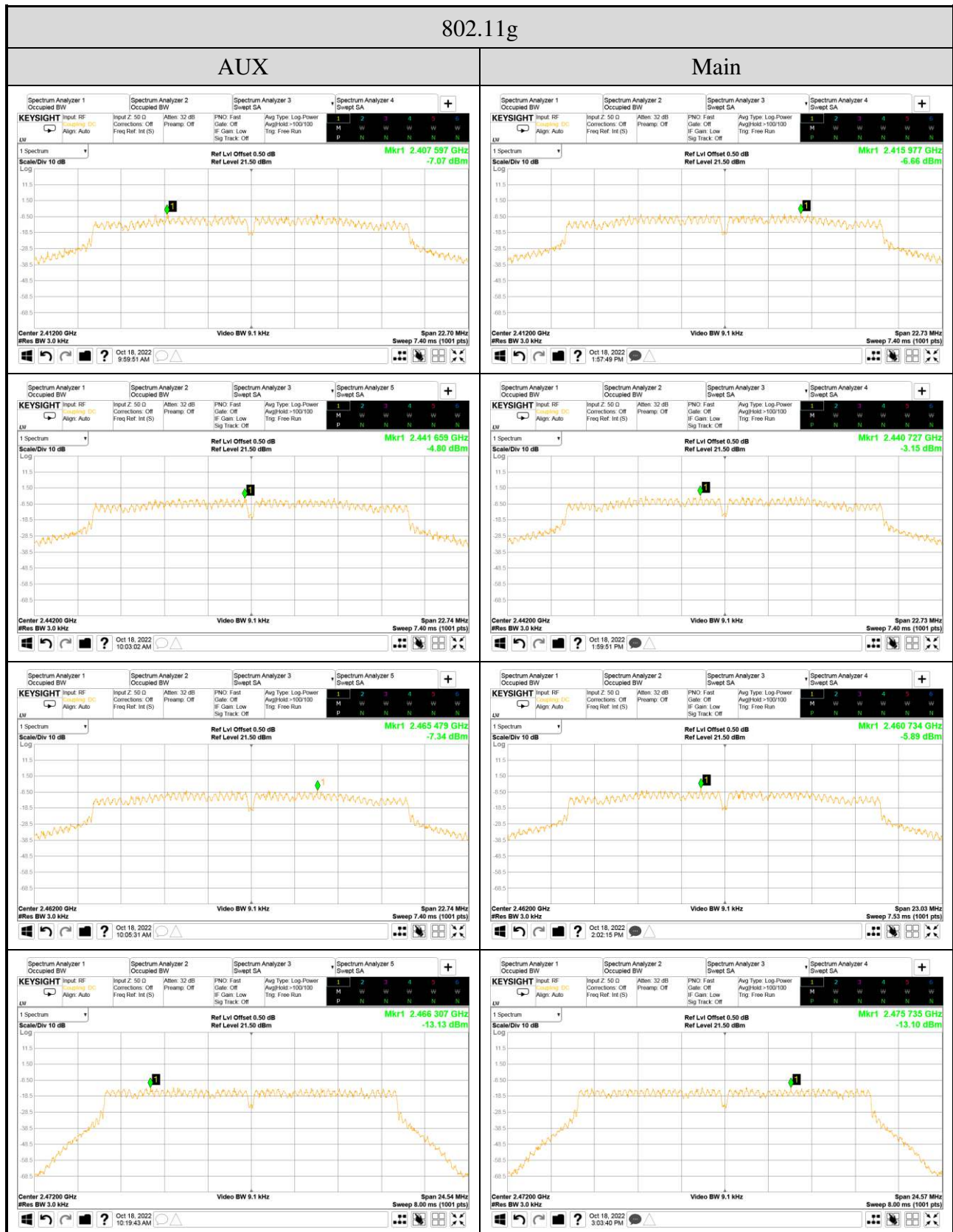
Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
BLE	2402	-12.05	<8 dBm/3kHz
	2440	-11.72	
	2480	-11.40	

Note: All results have been included cable loss.

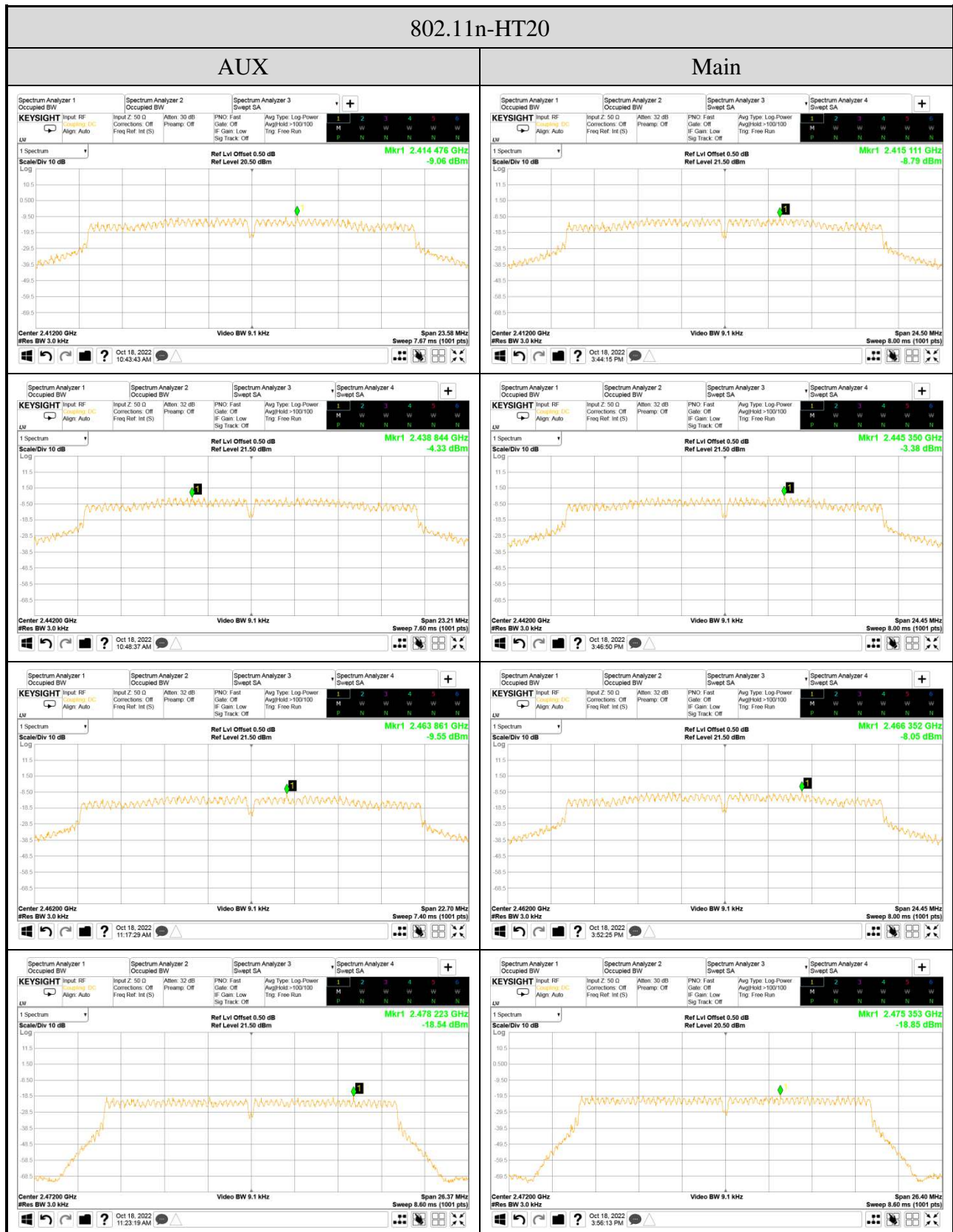
A.6.2 Measurement Plots



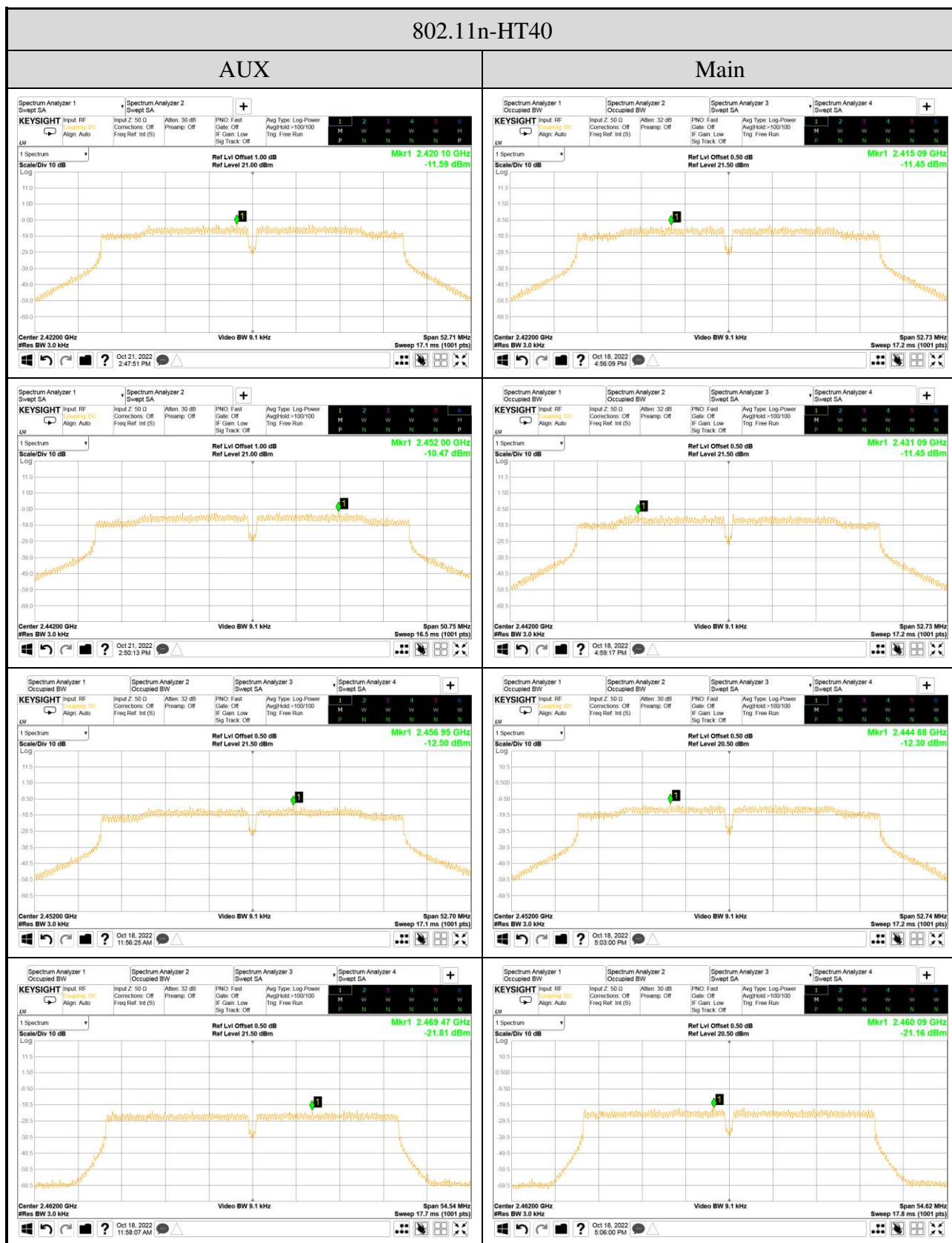
Note: All results have been included cable loss.



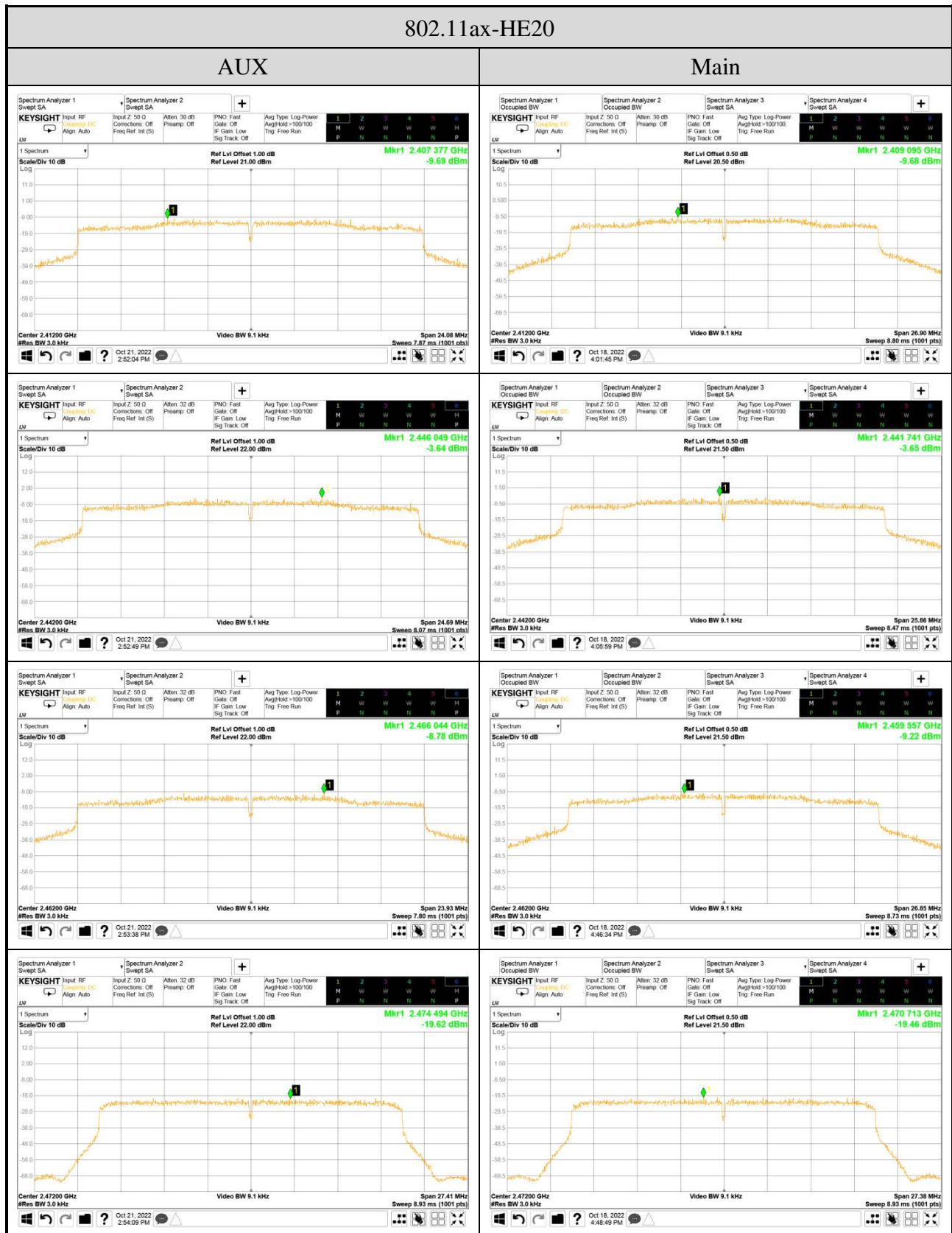
Note: All results have been included cable loss.



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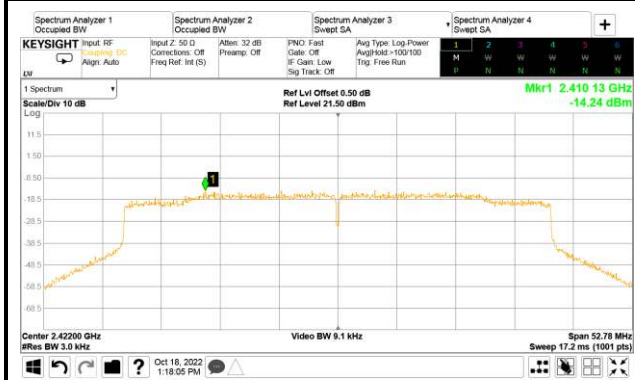
Note: All results have been included cable loss.



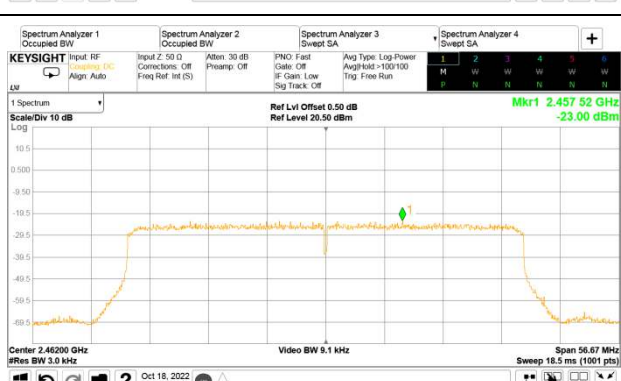
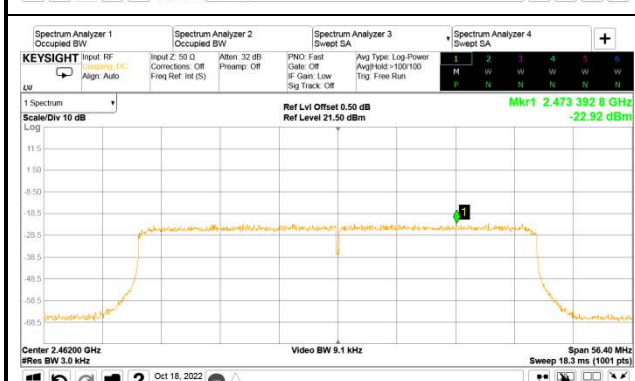
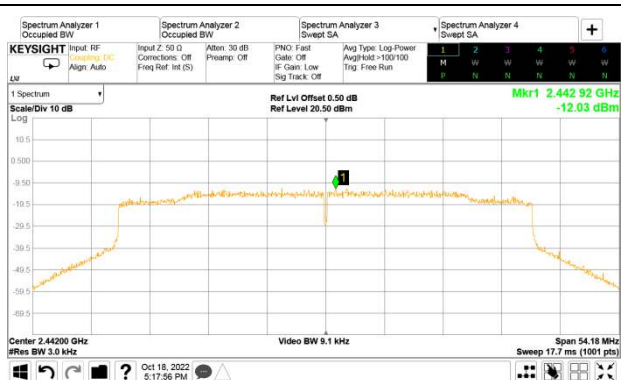
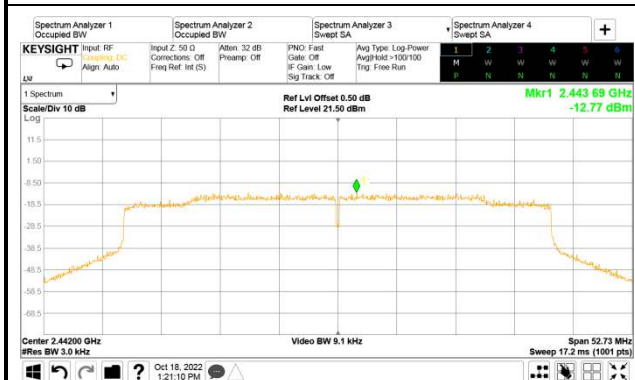
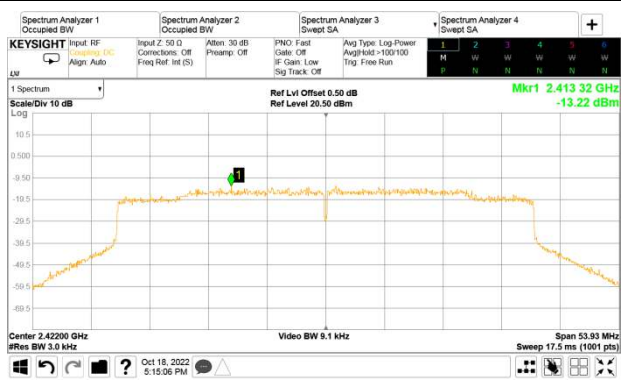
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802.11ax-HE40

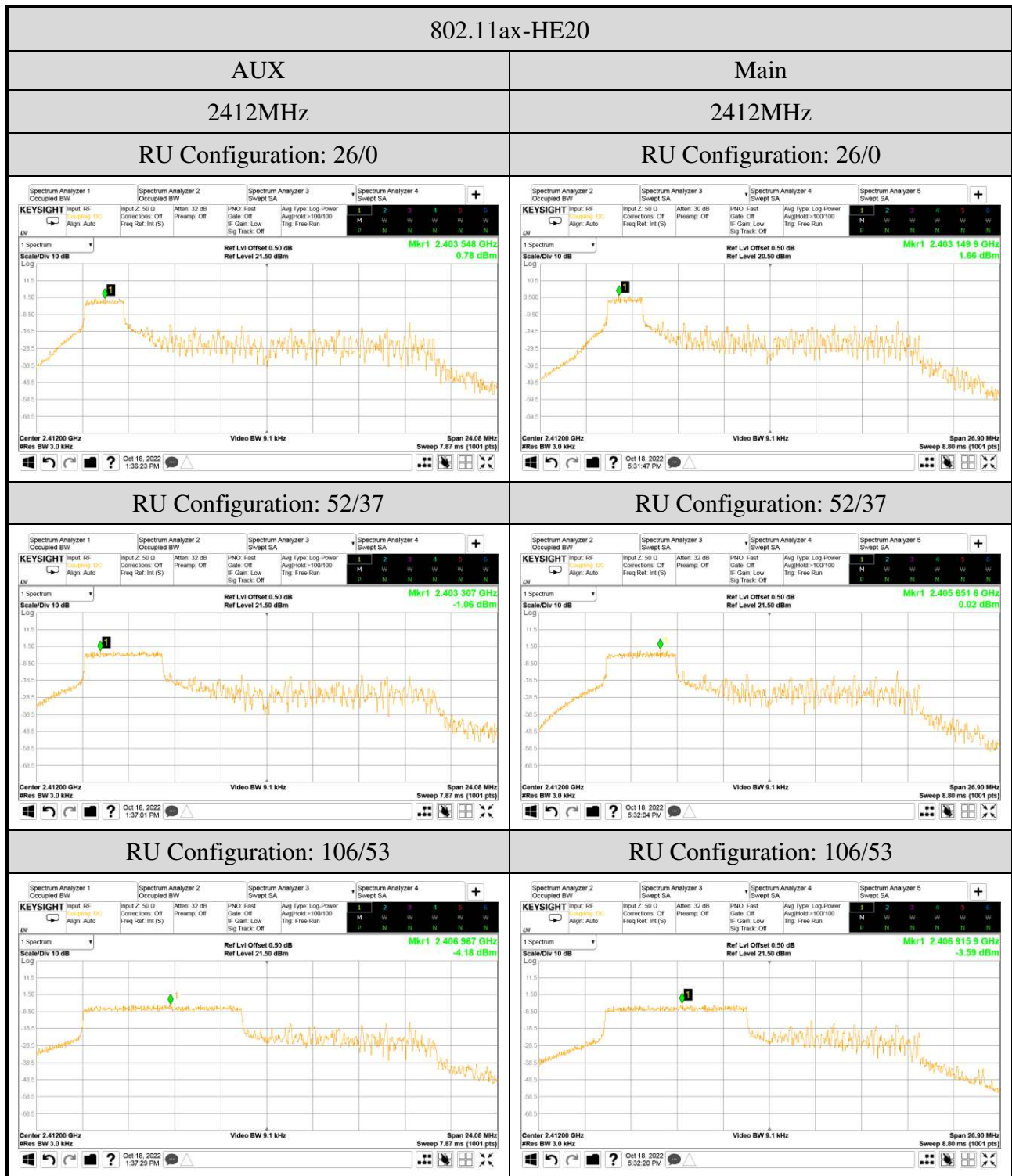
AUX



Main



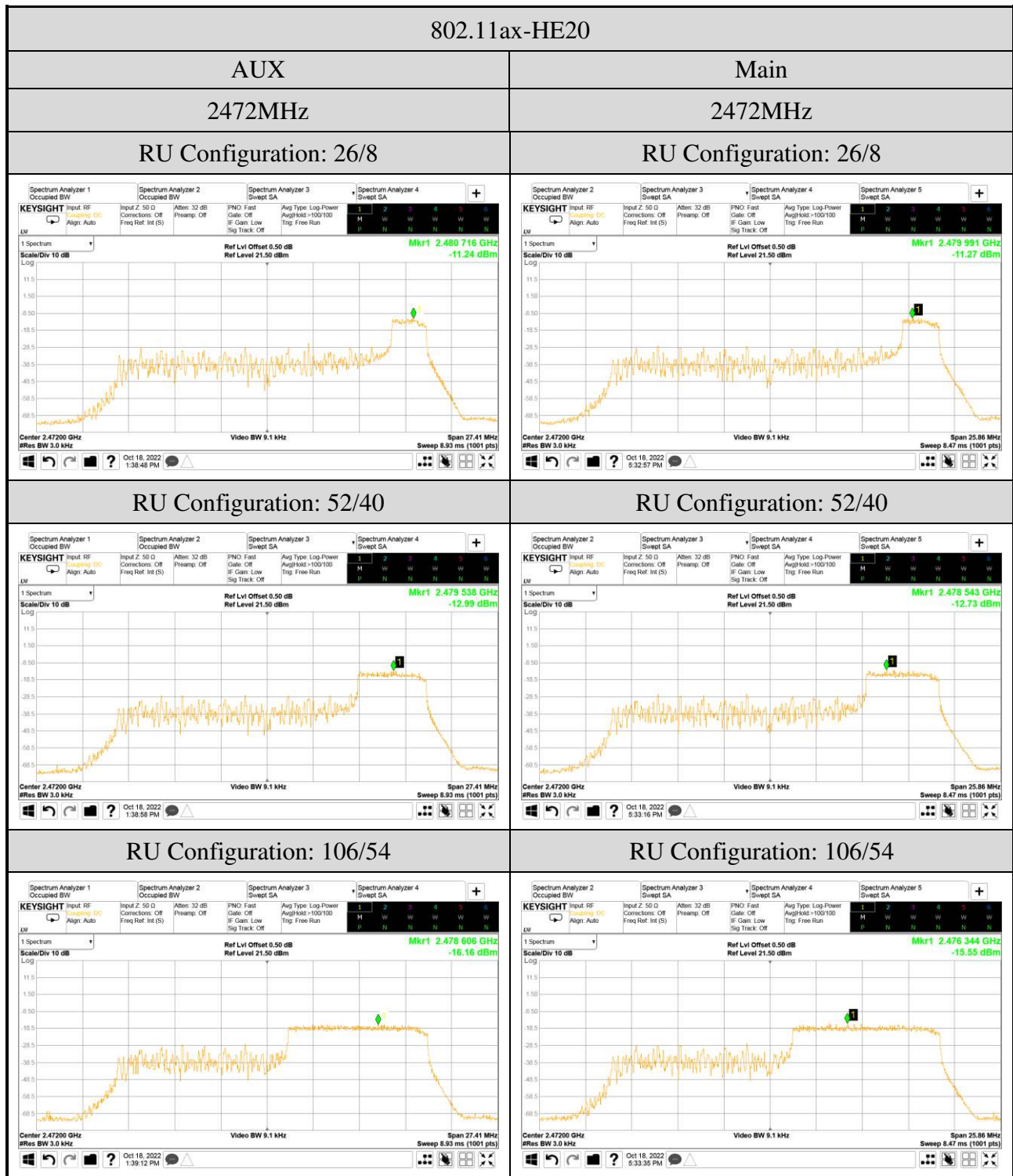
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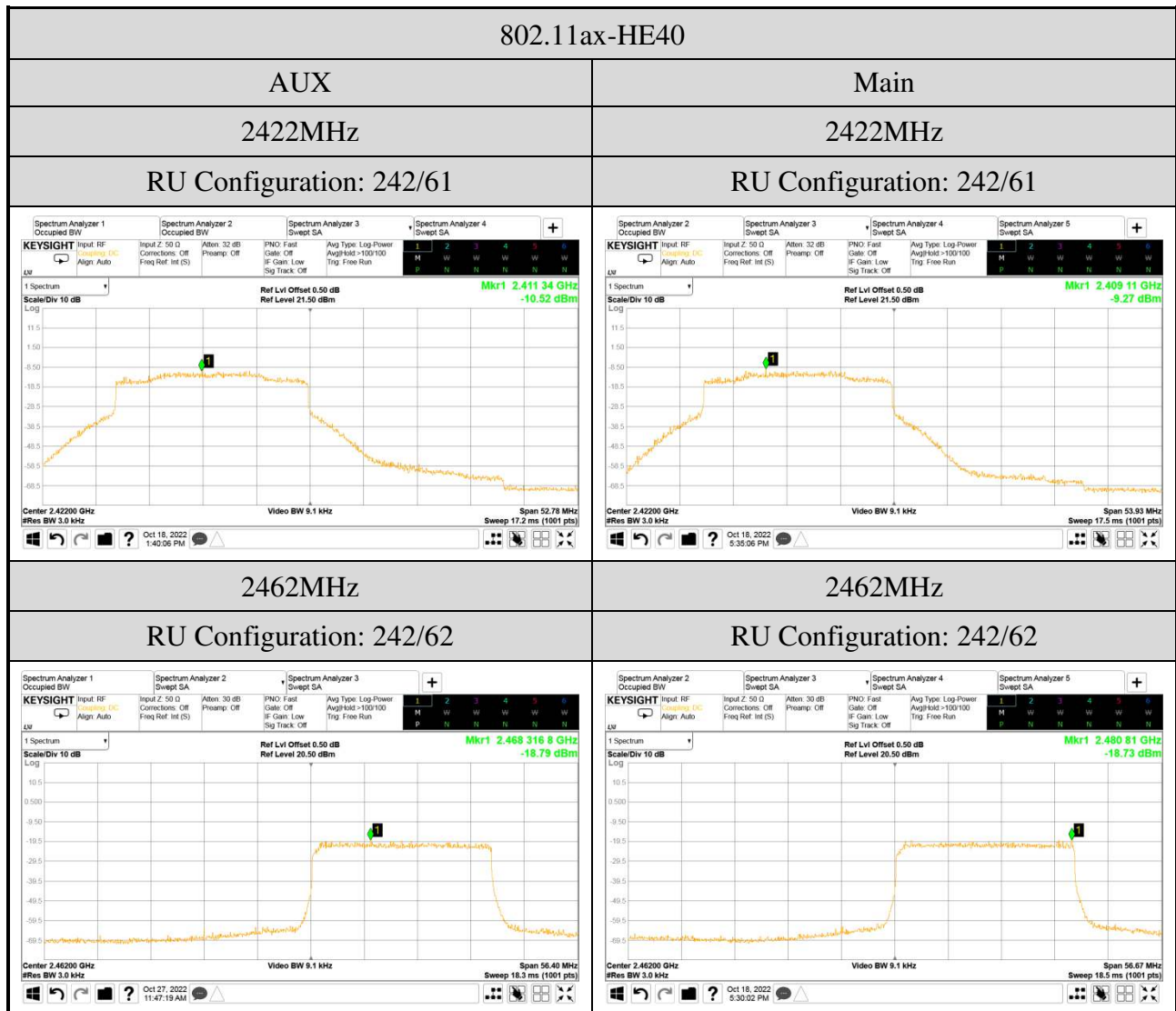
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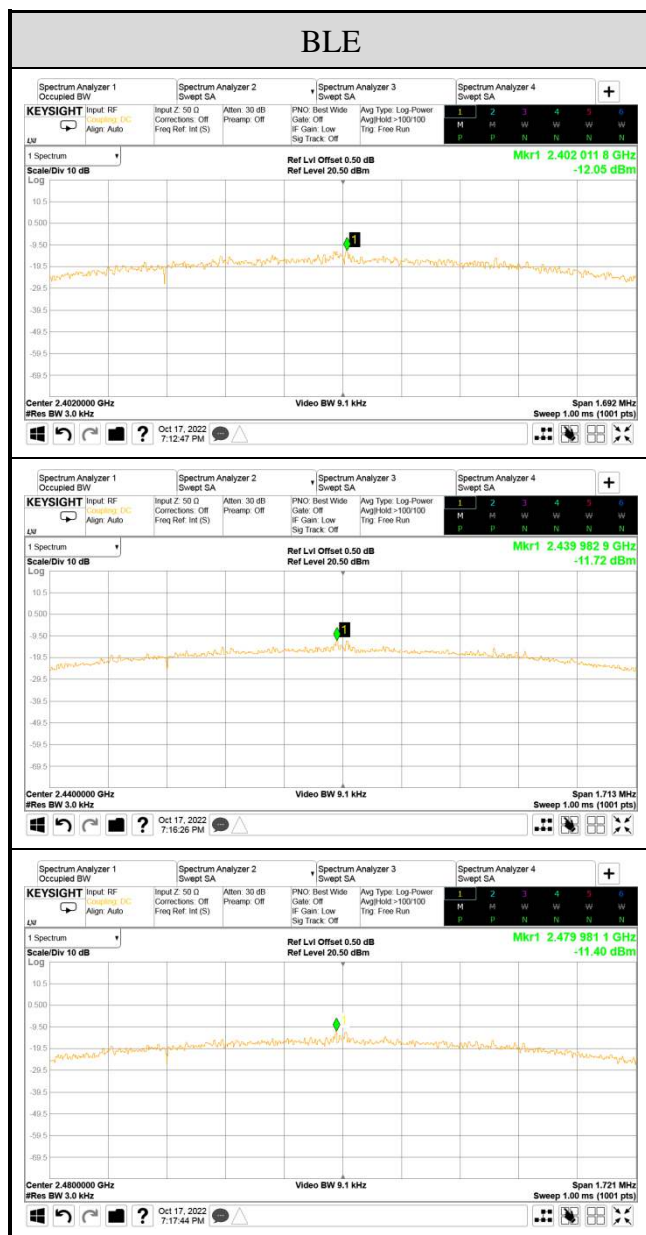
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