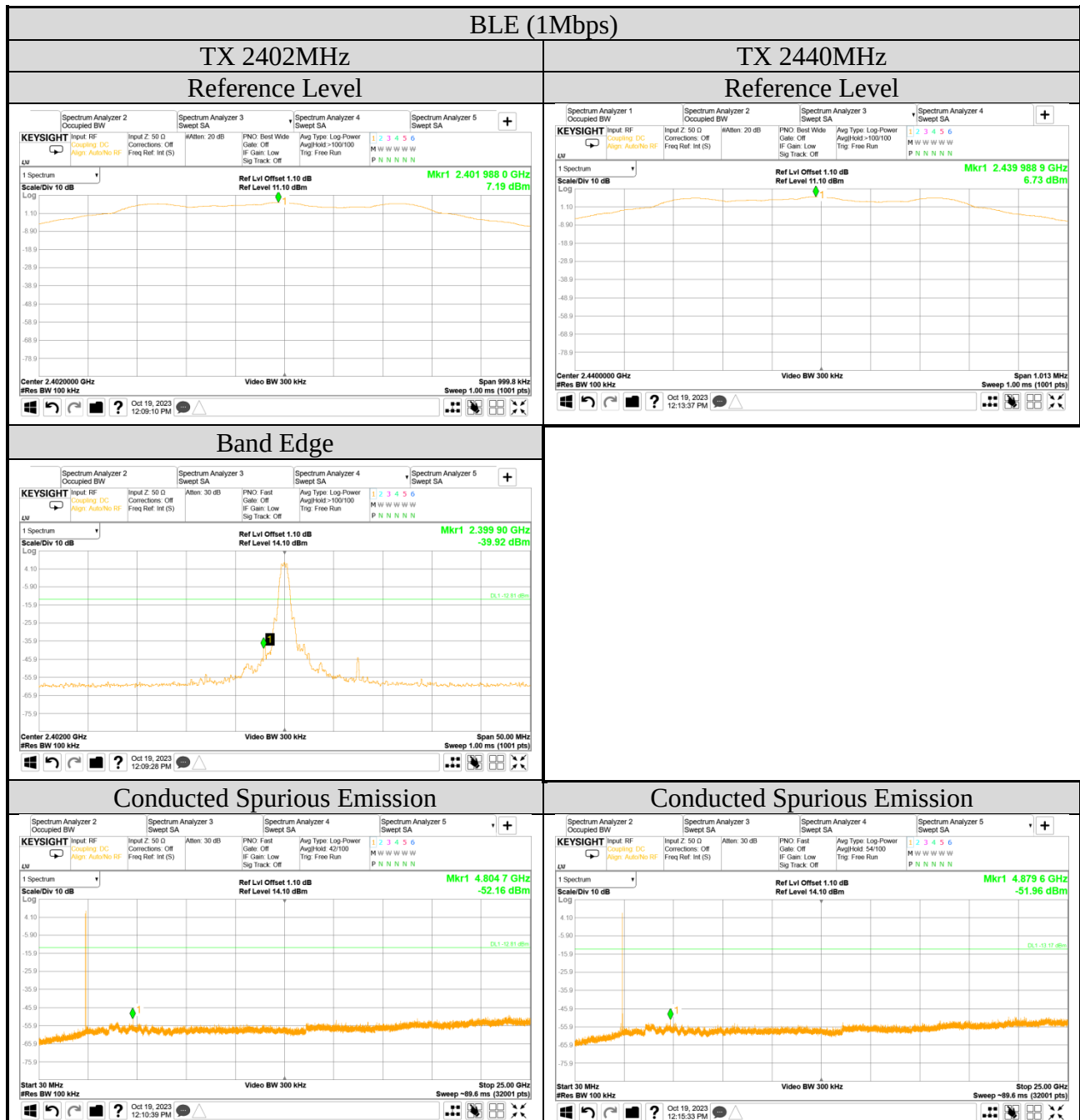


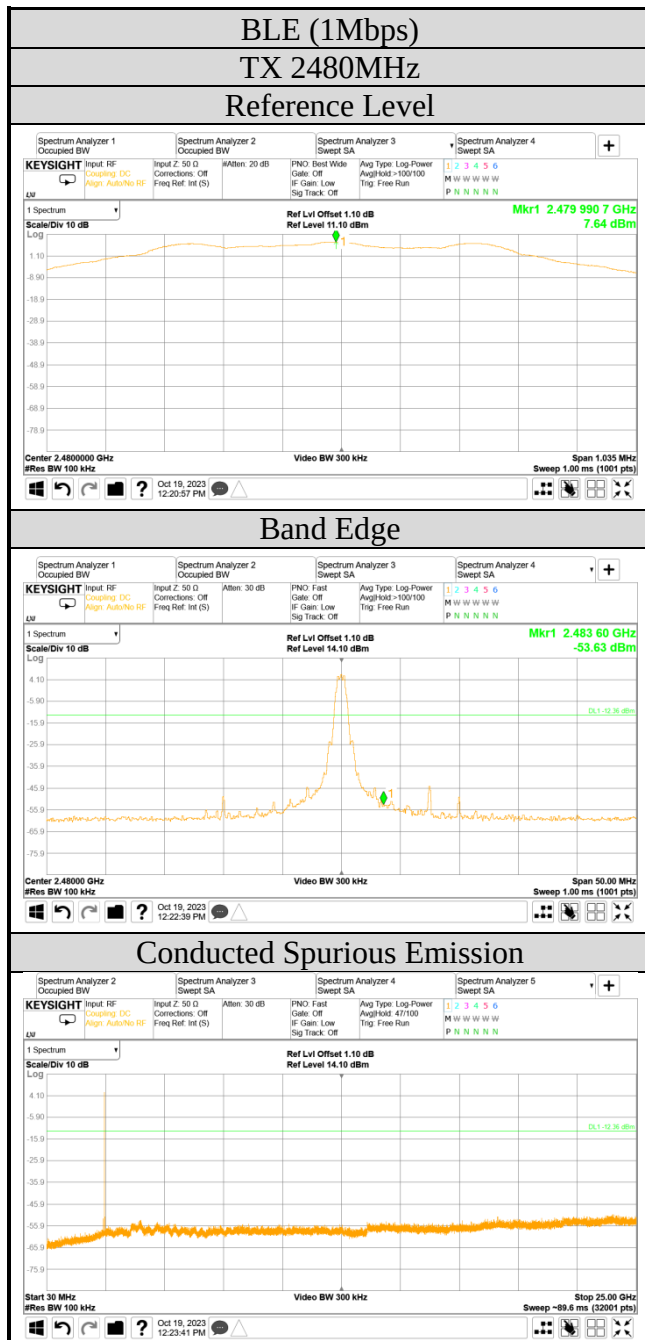
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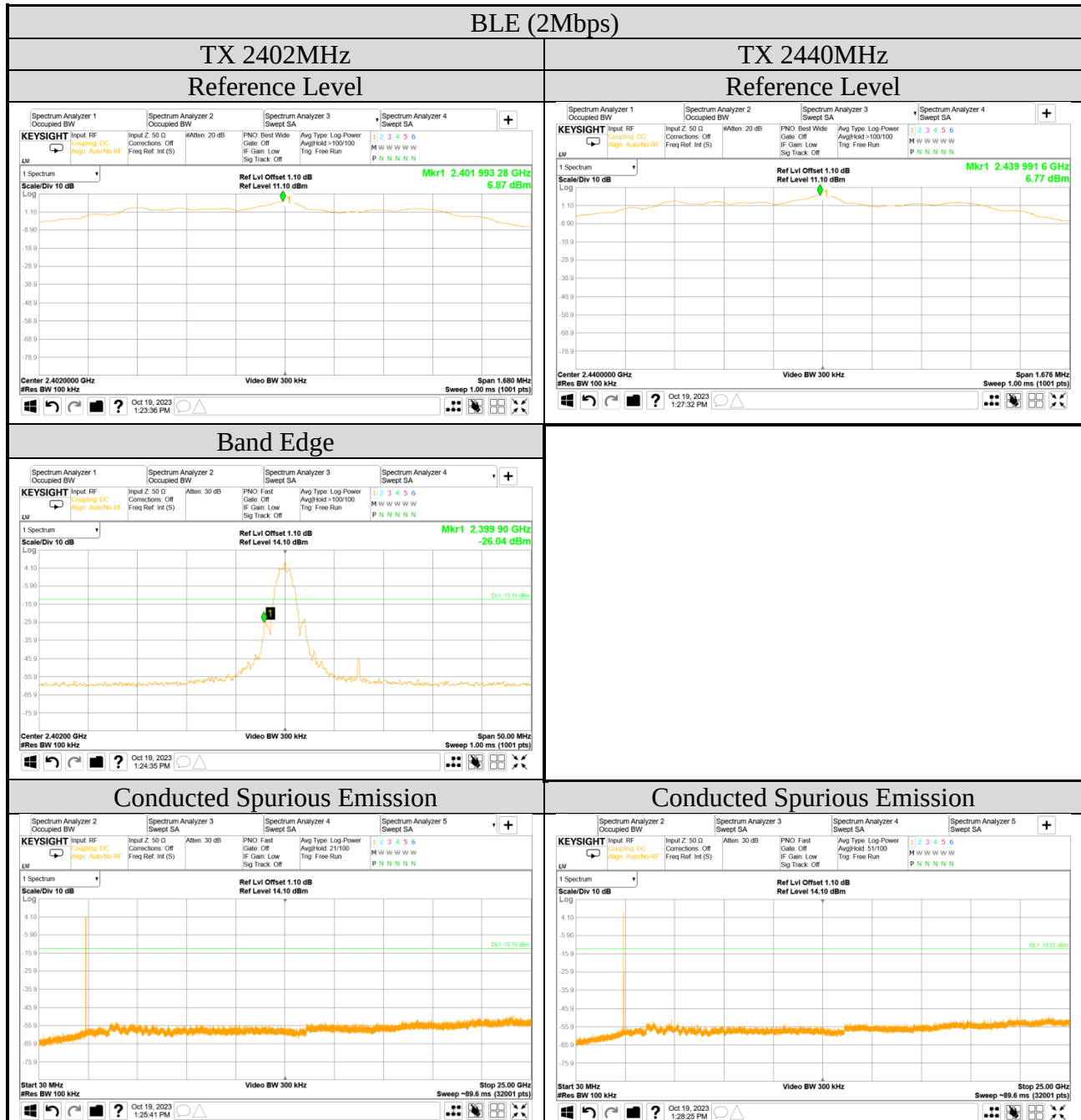
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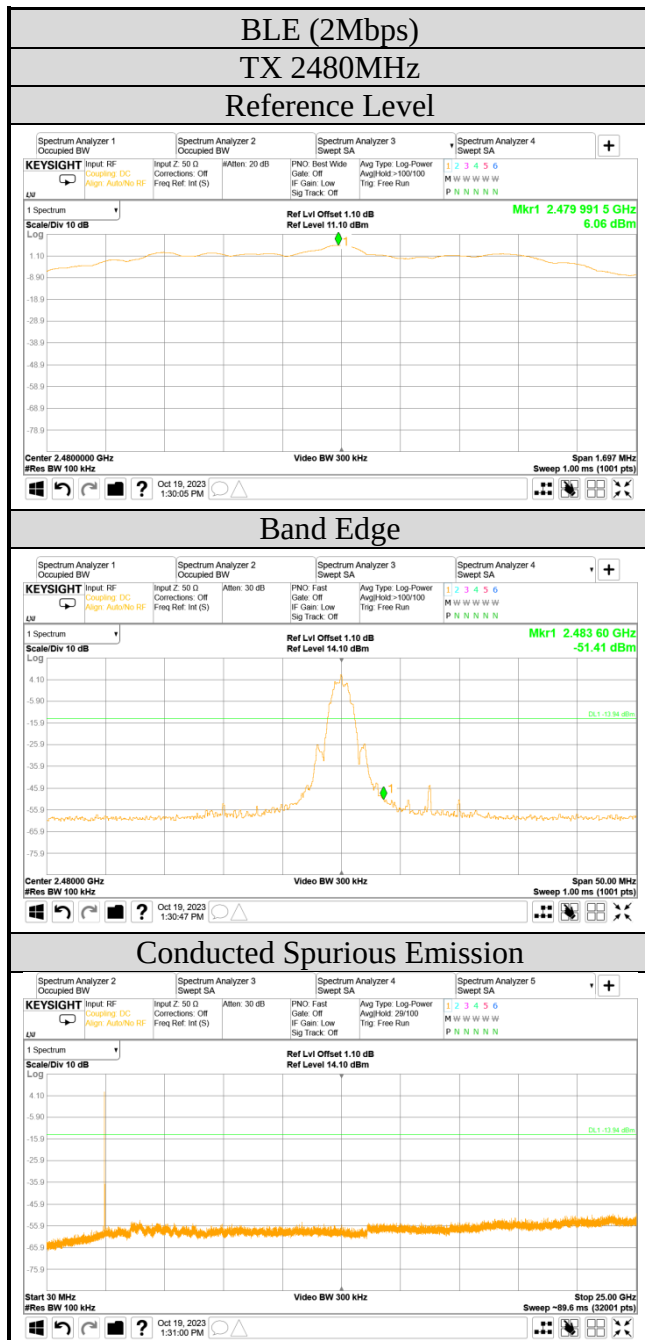
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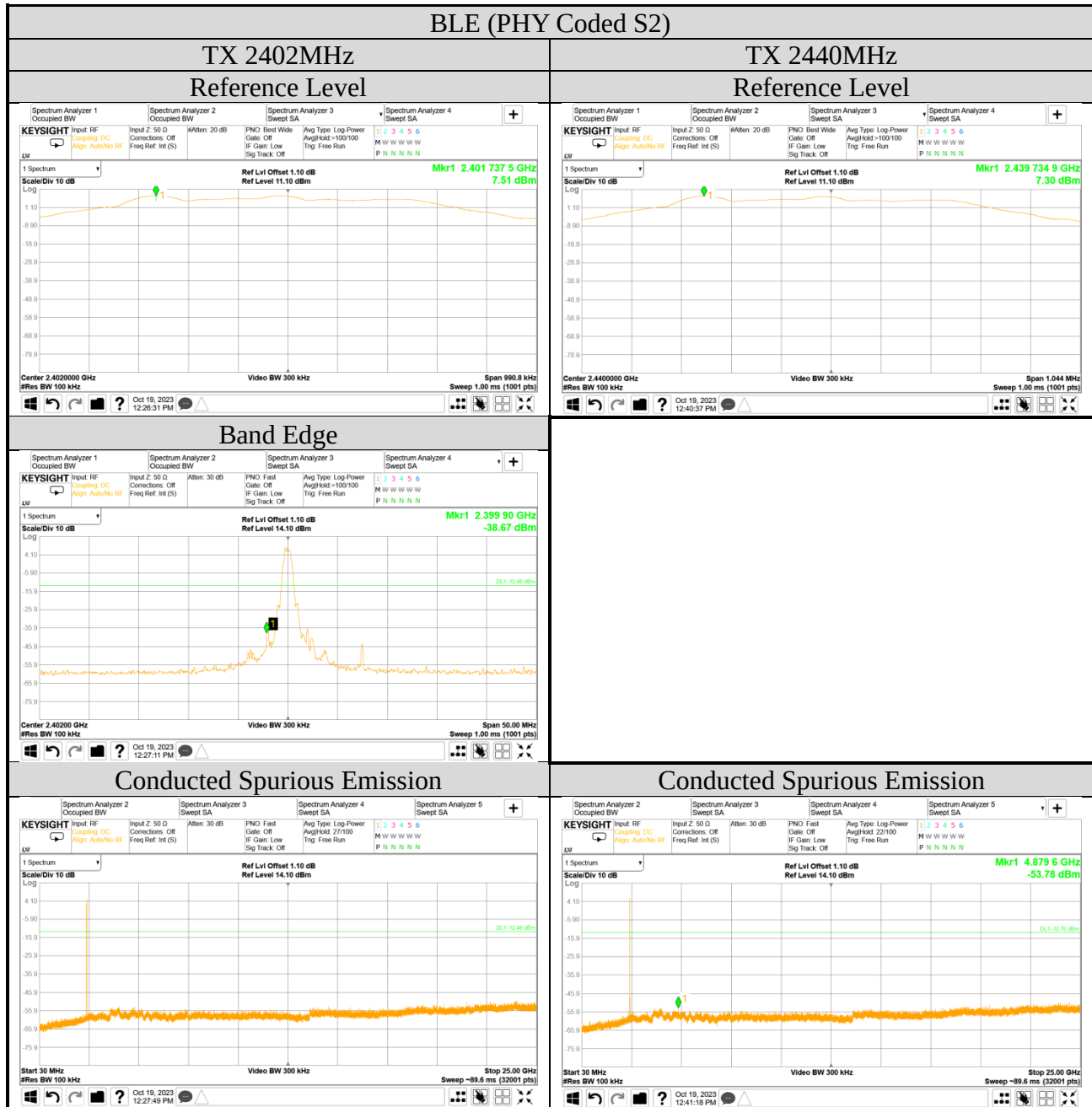
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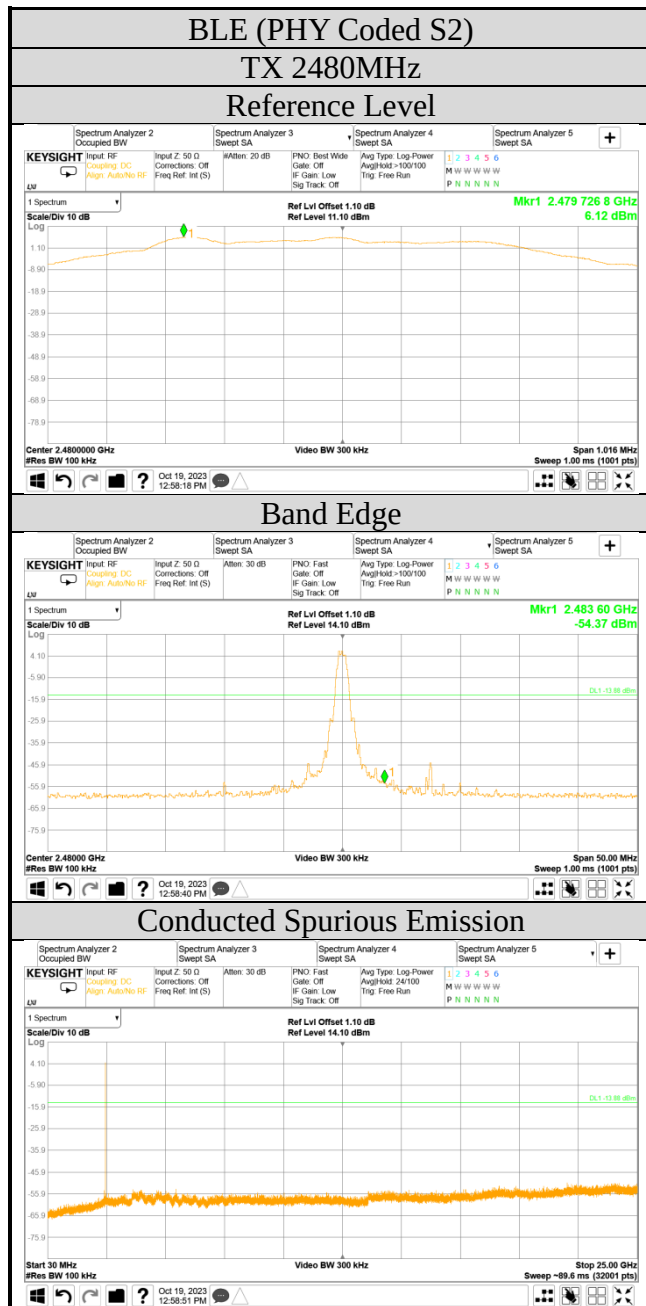
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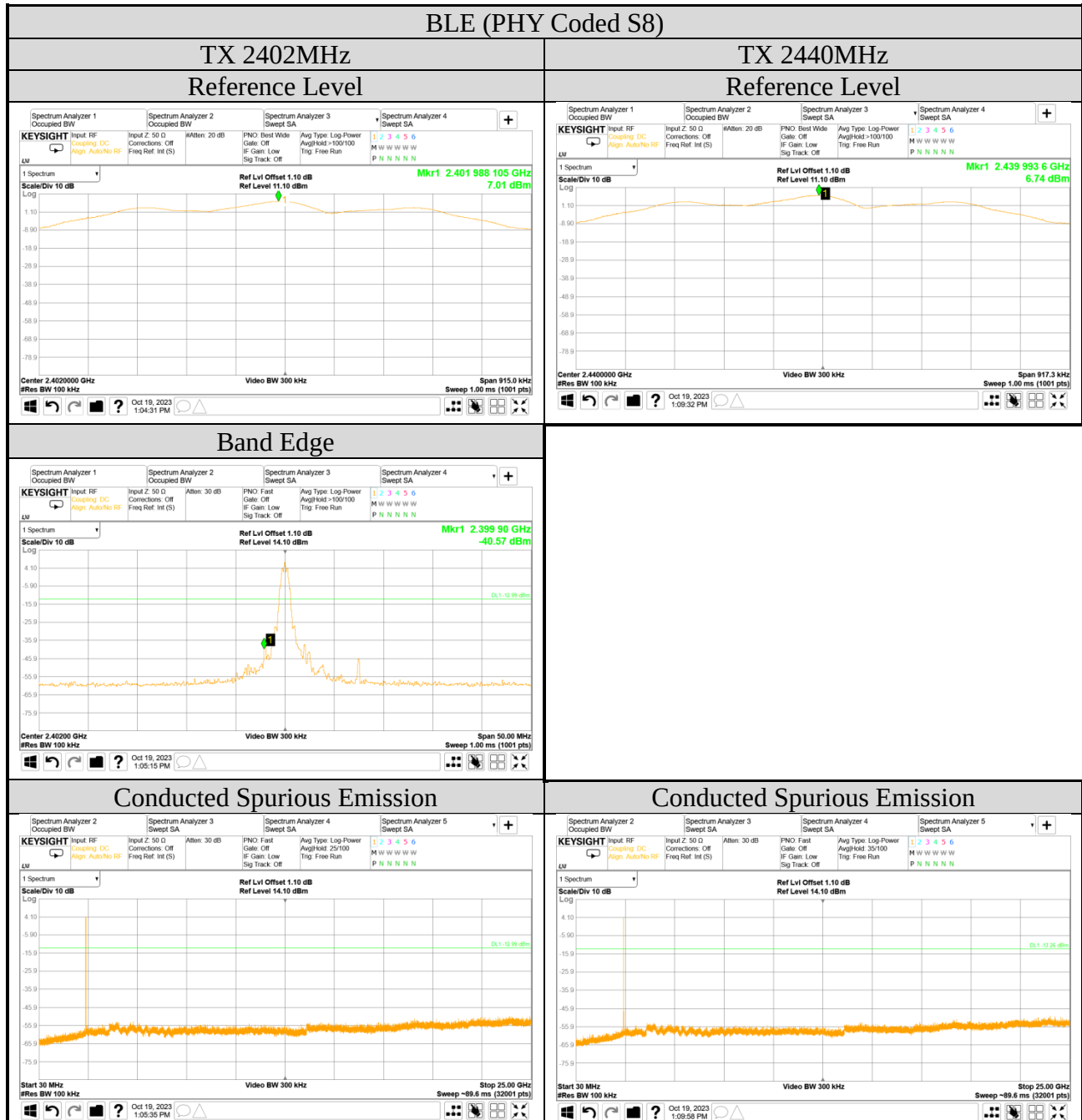
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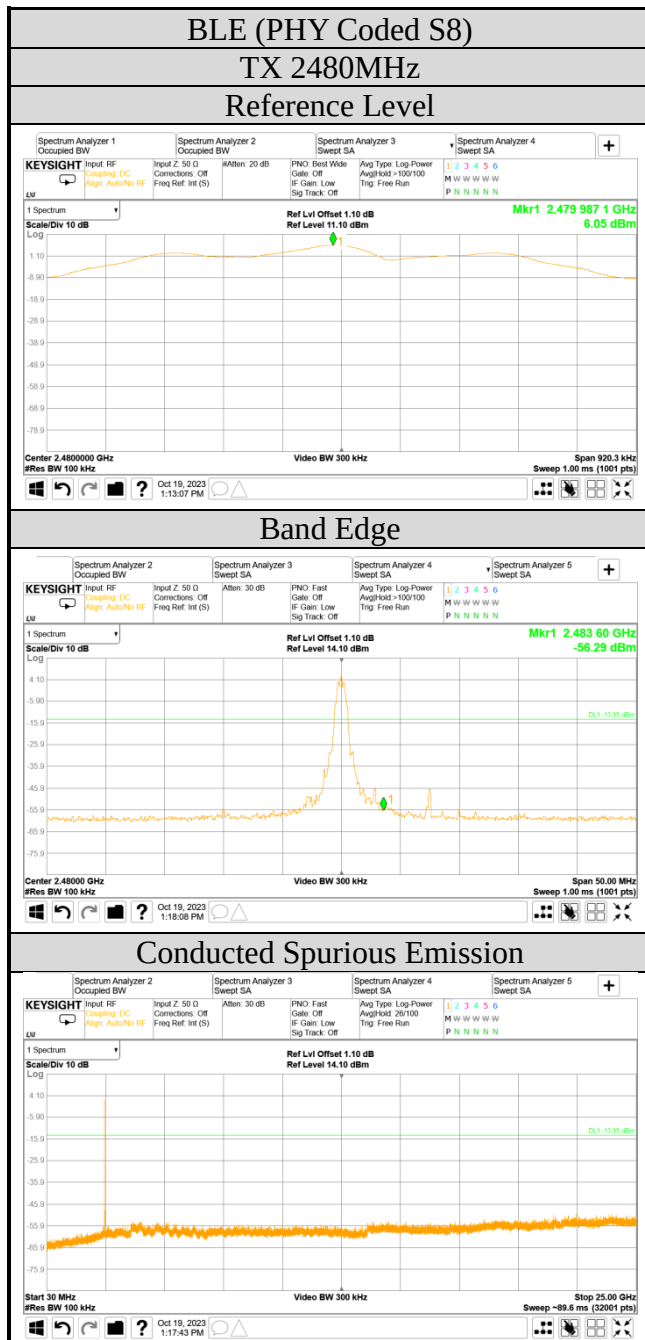




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A.6 POWER SPECTRAL DENSITY

Test Date	2023/10/19 ~ 31	Temp./Hum.	24 ~ 25°C/55 ~ 69%
Cable Loss	WiFi: 1.10dB, BLE: 1.10dB	Tested By	Harry Huang
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	-6.420	-6.210	-6.210	<8 dBm/3kHz
	2442	-6.500	-6.350	-6.350	
	2462	-6.580	-6.360	-6.360	
	2472	-7.220	-8.050	-7.220	
802.11g	2412	-8.360	-7.920	-7.920	
	2442	-7.950	-6.880	-6.880	
	2462	-8.260	-7.740	-7.740	
	2472	-13.220	-14.140	-13.220	

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

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

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Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)		Total Power Spectral Density (dBm) ^{Note 2}	Limit
		AUX	Main		
802.11n-HT20	2412	-8.750	-9.940	-6.294	<8 dBm/3kHz
	2442	-7.450	-7.590	-4.509	
	2462	-8.290	-10.060	-6.075	
	2472	-19.210	-20.130	-16.635	
802.11n-HT40	2422	-13.060	-12.620	-9.824	
	2442	-12.020	-12.750	-9.359	
	2452	-13.310	-13.290	-10.290	
	2462	-23.390	-22.800	-20.075	
802.11ax-HE20	2412	-11.410	-11.200	-8.293	
	2442	-8.070	-8.550	-5.293	
	2462	-10.160	-9.250	-6.671	
	2472	-21.290	-20.790	-18.023	
802.11ax-HE40	2422	-14.700	-14.580	-11.629	
	2442	-14.280	-13.440	-10.829	
	2452	-14.660	-14.920	-11.778	
	2462	-23.920	-23.960	-20.930	

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	1.020	-1.680	2.887	<8 dBm/3kHz
	52/37		-1.860	-1.370	1.402	
	106/53		-5.050	-4.440	-1.724	
	26/8	2472	-12.010	-11.670	-8.826	
	52/40		-14.440	-13.690	-11.039	
	106/54		-16.680	-15.710	-13.158	
802.11ax-HE40	242/61	2422	-10.750	-10.390	-7.556	
	242/62	2462	-20.800	-20.470	-17.622	

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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Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
BLE (1M)	2402	-8.04	<8 dBm/3kHz
	2440	-8.28	
	2480	-8.30	
BLE (2M)	2402	-10.41	
	2440	-10.75	
	2480	-11.26	
BLE (PHY Coded S2)	2402	1.30	
	2440	1.12	
	2480	-0.30	
BLE (PHY Coded S8)	2402	1.10	
	2440	0.80	
	2480	0.19	

Note: All results have been included cable loss.