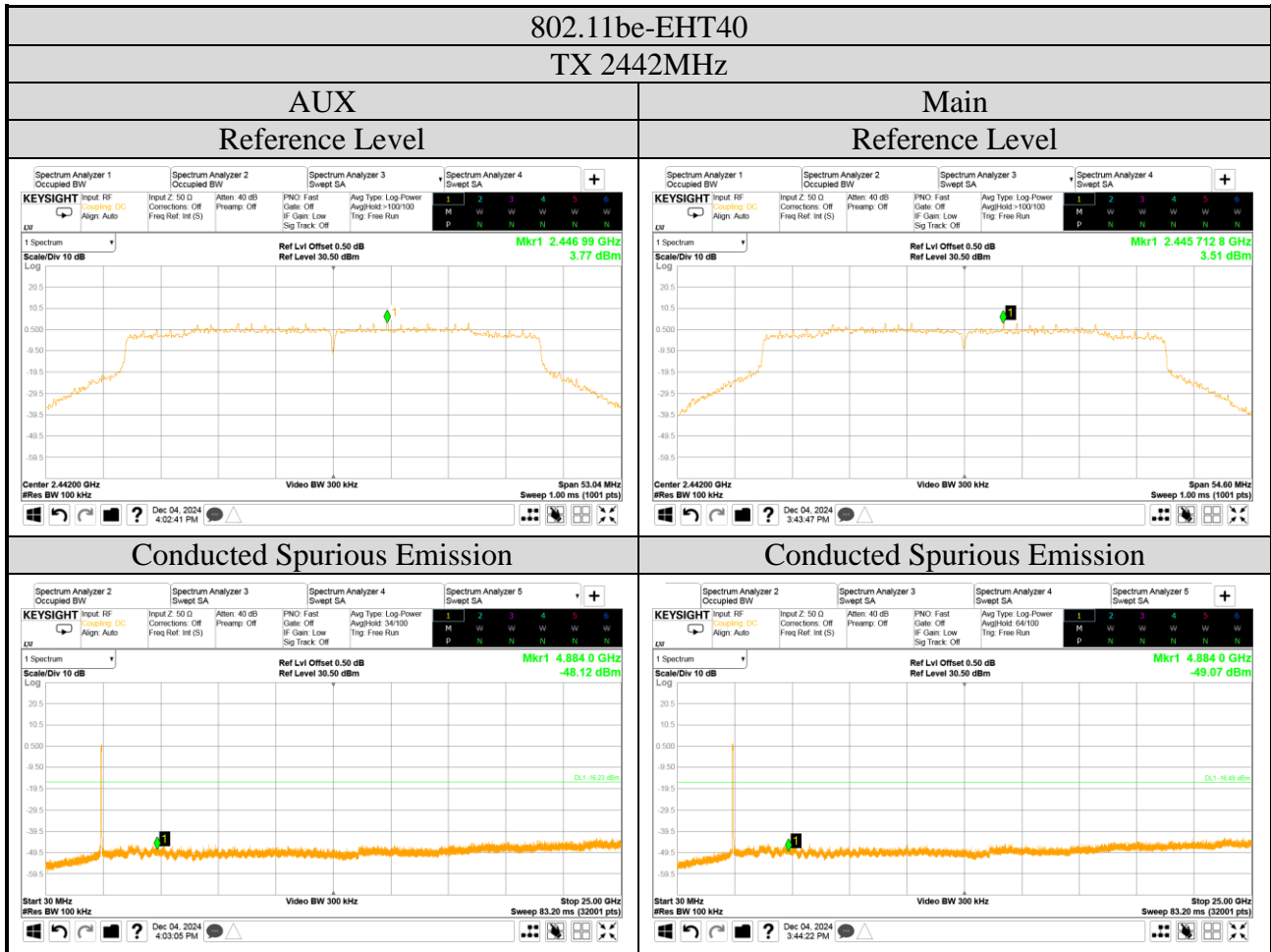
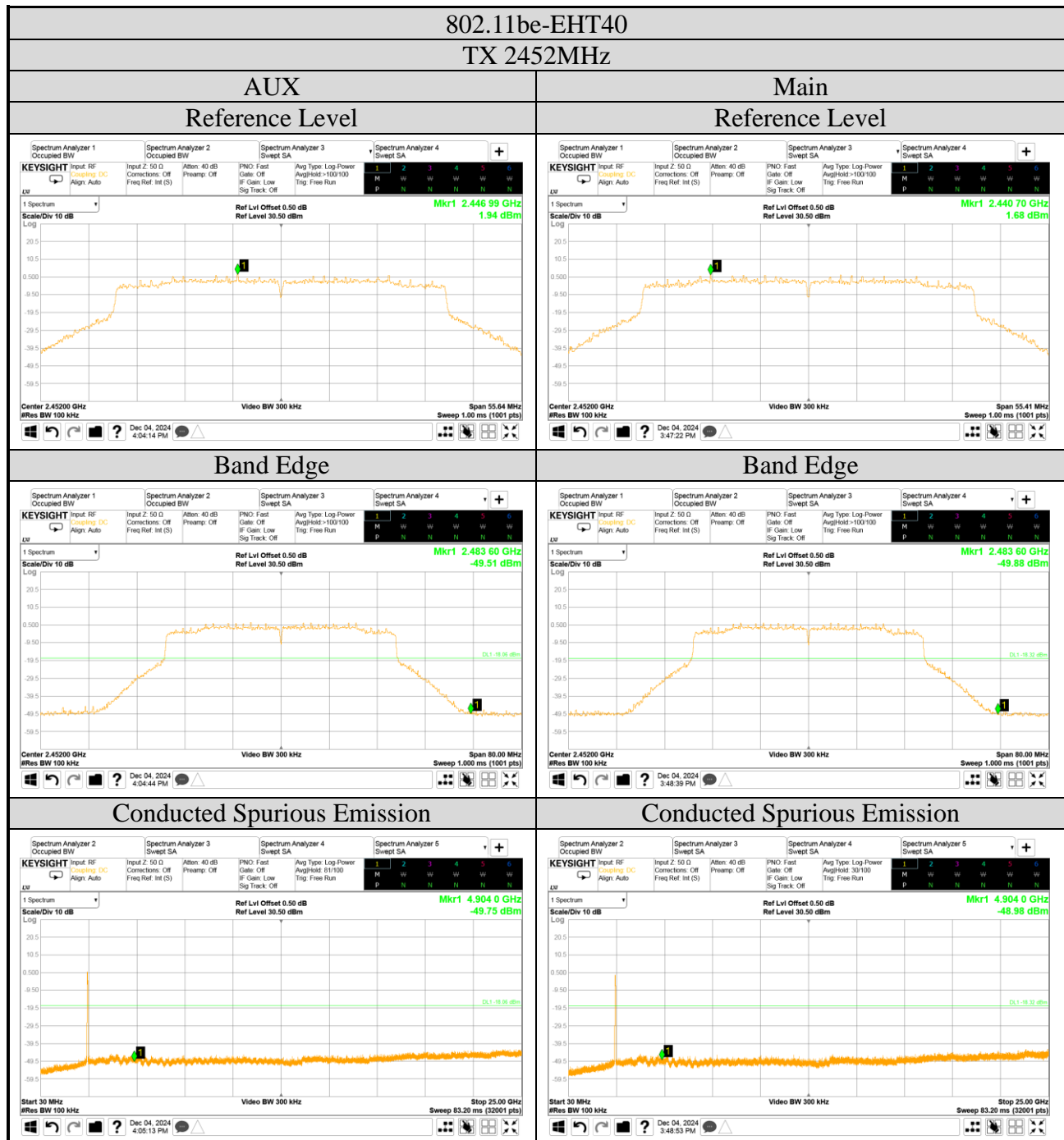
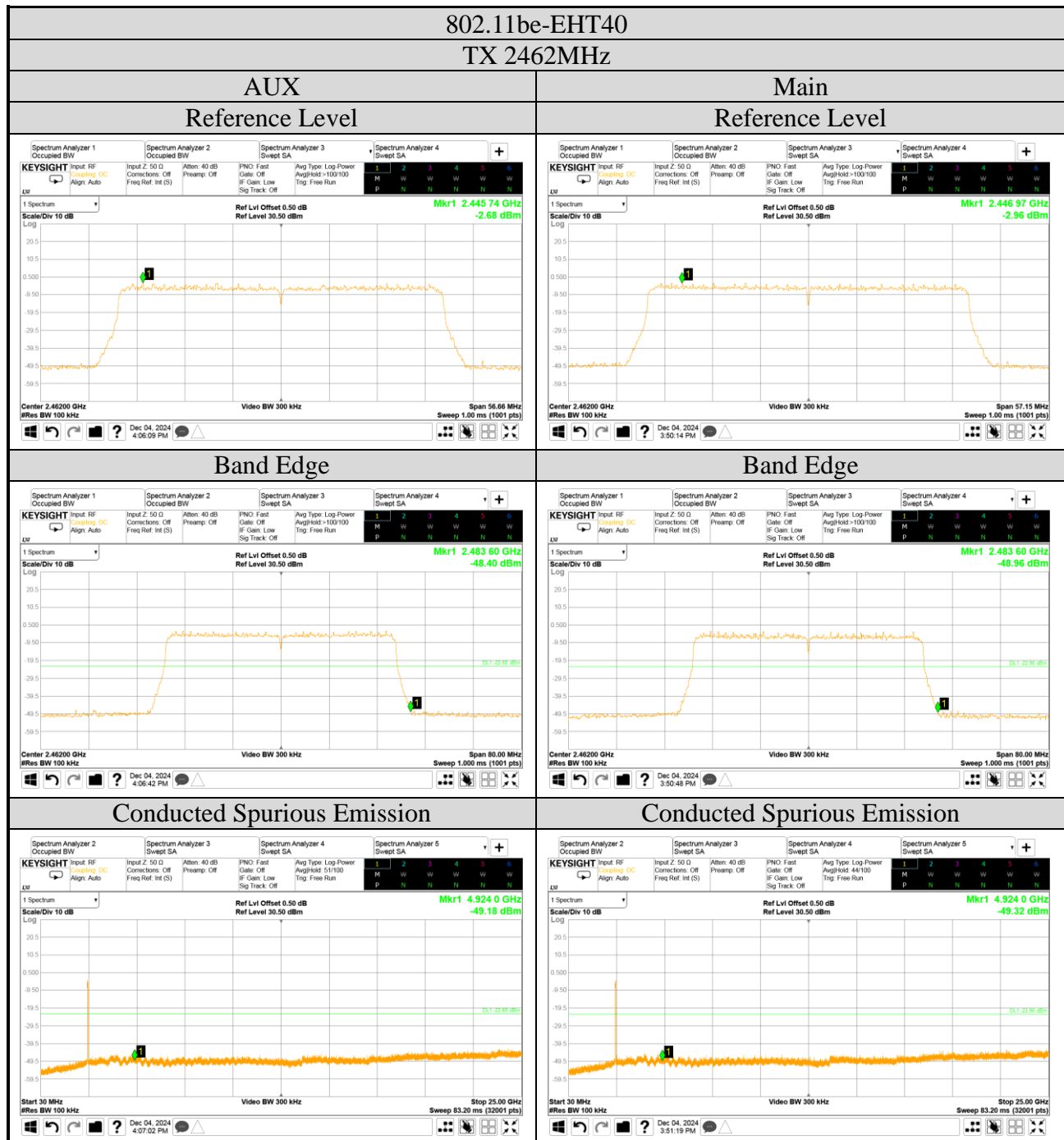


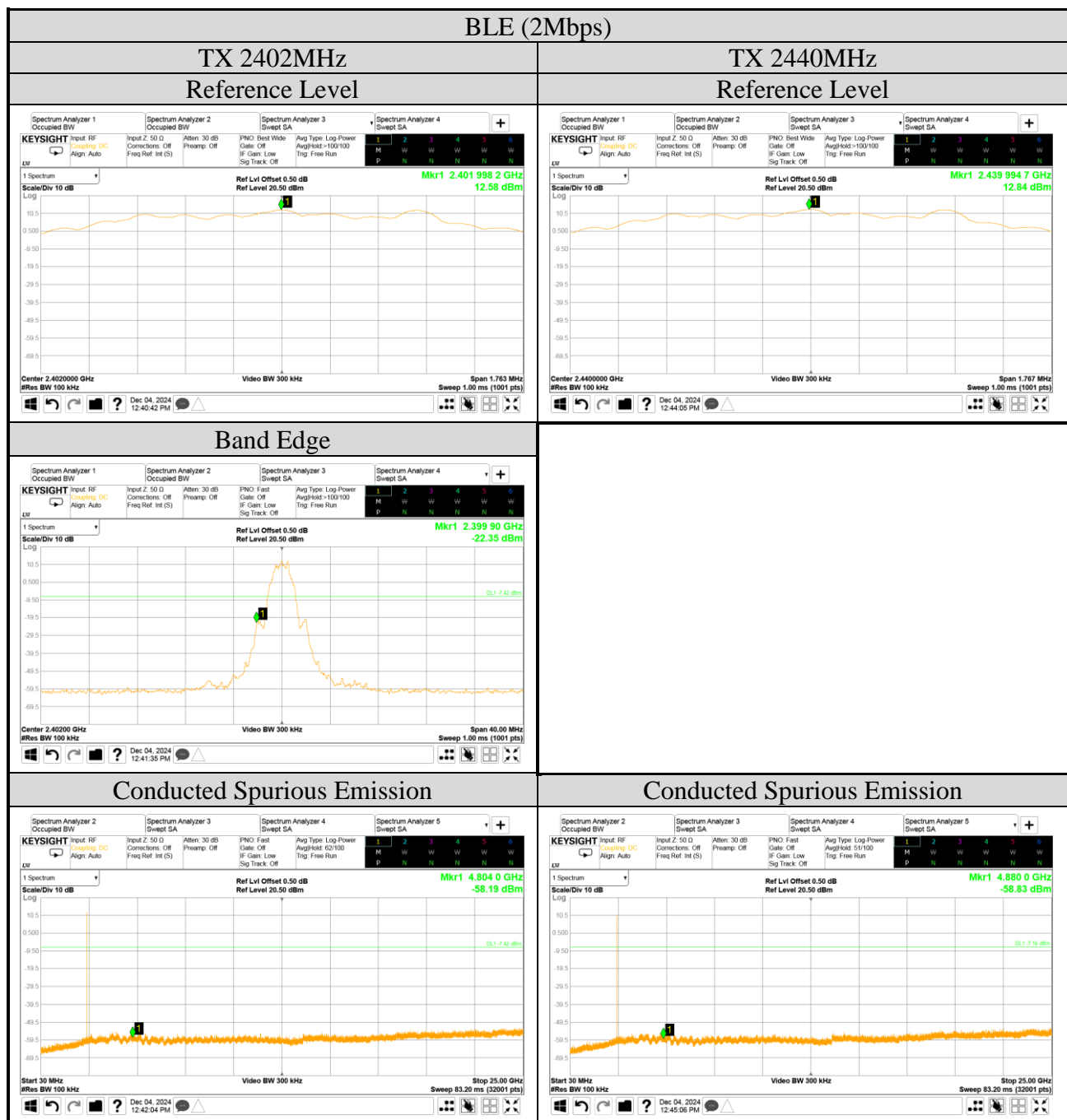
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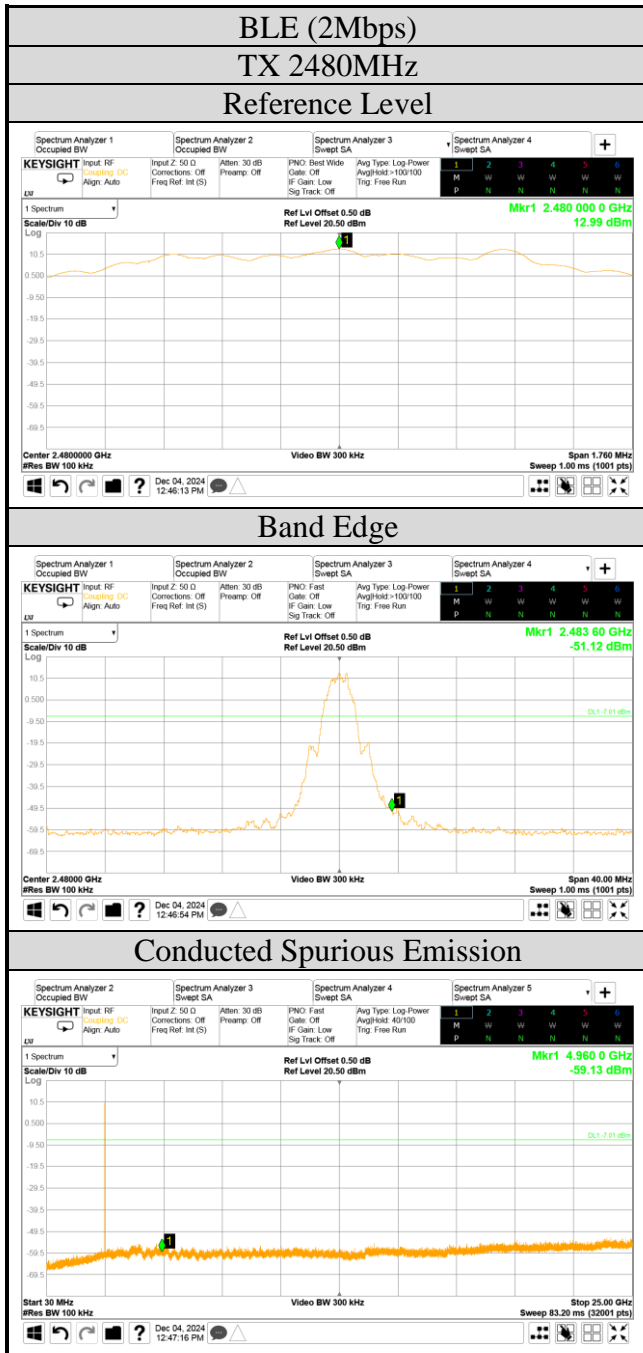






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A.6 POWER SPECTRAL DENSITY

Test Date	2024/12/04	Temp./Hum.	23°C/56%
Cable Loss	0.5dB	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	-6.130	-3.700	-3.700	<8 dBm/3kHz
	2442	-3.660	-3.610	-3.610	
	2462	-3.640	-3.720	-3.640	
	2472	-5.700	-5.040	-5.040	
802.11g	2412	-6.010	-4.850	-4.850	
	2442	-5.200	-5.550	-5.200	
	2462	-5.550	-5.410	-5.410	
	2472	-11.760	-11.260	-11.260	

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

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

3. We only presented max result (worst case) plots for each test mode.

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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	-7.110	-6.320	-3.687	<8 dBm/3kHz
	2442	-5.850	-5.970	-2.899	
	2462	-6.340	-5.570	-2.928	
	2472	-13.380	-13.170	-10.263	
802.11n-HT40	2422	-10.610	-8.760	-6.577	
	2442	-9.570	-8.720	-6.114	
	2452	-11.620	-11.680	-8.640	
	2462	-15.450	-15.040	-12.230	
802.11ax-HE20	2412	-8.200	-7.450	-4.799	
	2442	-6.170	-5.970	-3.059	
	2462	-7.070	-5.820	-3.390	
	2472	-13.930	-13.870	-10.890	
802.11ax-HE40	2422	-11.060	-11.200	-8.119	
	2442	-9.310	-10.530	-6.867	
	2452	-12.260	-11.900	-9.066	
	2462	-16.000	-15.840	-12.909	
802.11be-EHT20	2412	-7.270	-7.330	-4.290	
	2442	-6.430	-6.130	-3.267	
	2462	-6.740	-7.560	-4.120	
	2472	-13.820	-13.560	-10.678	
802.11be-EHT40	2422	-11.250	-9.970	-7.553	
	2442	-8.950	-9.500	-6.206	
	2452	-12.360	-11.330	-8.804	
	2462	-15.600	-15.570	-12.575	

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	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	2.970	2.030	5.536	<8 dBm/3kHz
	52/37		-0.610	0.150	2.797	
	106/53		-4.060	-3.470	-0.745	
	26/8	2472	-13.930	-14.220	-11.062	
	52/40		-17.240	-18.100	-14.638	
	106/54		-14.620	-13.960	-11.267	
802.11ax-HE40	242/61	2422	-9.050	-8.150	-5.566	
	242/62	2462	-14.270	-13.530	-10.874	
802.11be-EHT20	26/0	2412	2.100	2.240	5.181	
	52/37		-0.450	0.750	3.202	
	106/53		-3.160	-3.260	-0.199	
	26/8	2472	-14.580	-13.330	-10.900	
	52/40		-17.370	-16.950	-14.145	
	106/54		-14.040	-14.140	-11.079	
802.11be-EHT40	242/61	2422	-8.720	-8.100	-5.389	
	242/62	2462	-13.140	-13.660	-10.382	

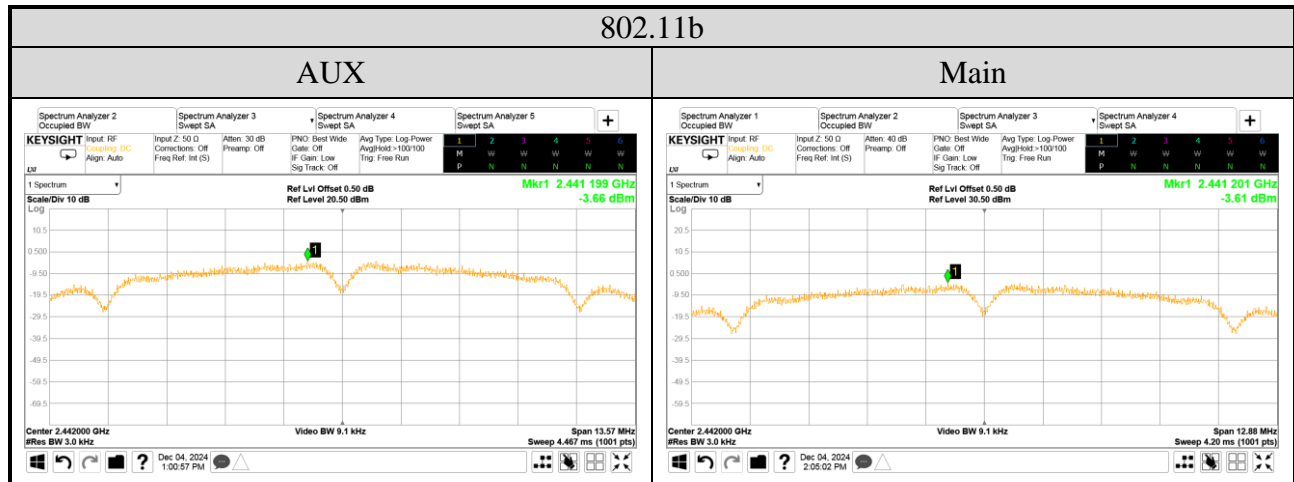
Note: 1. All results have been included cable loss.

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

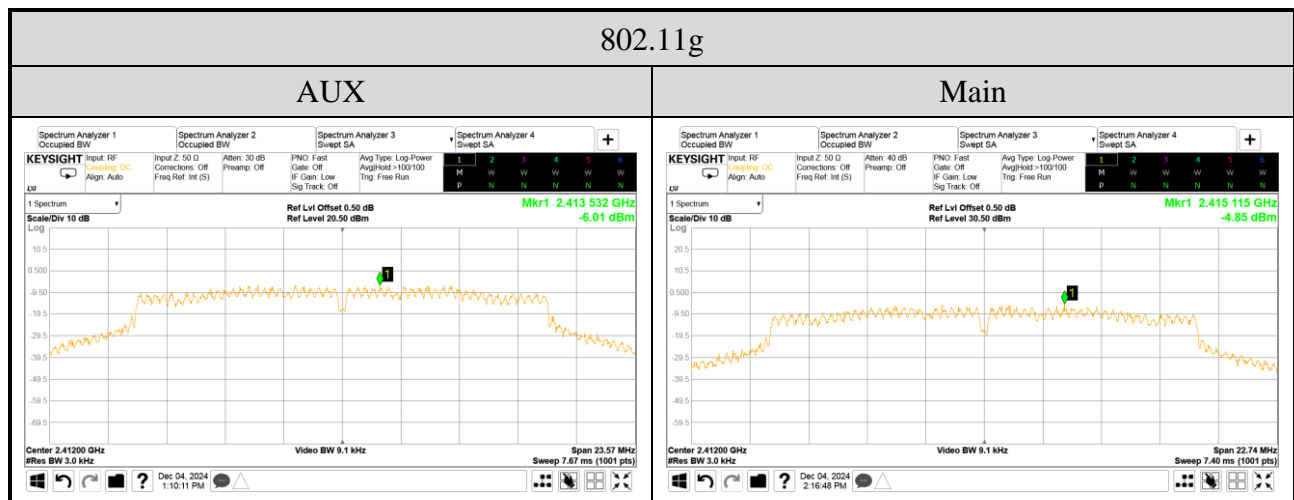
Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
BLE (2Mbps)	2402	-5.90	<8 dBm/3kHz
	2440	-5.62	
	2480	-5.56	

Note: All results have been included cable loss.

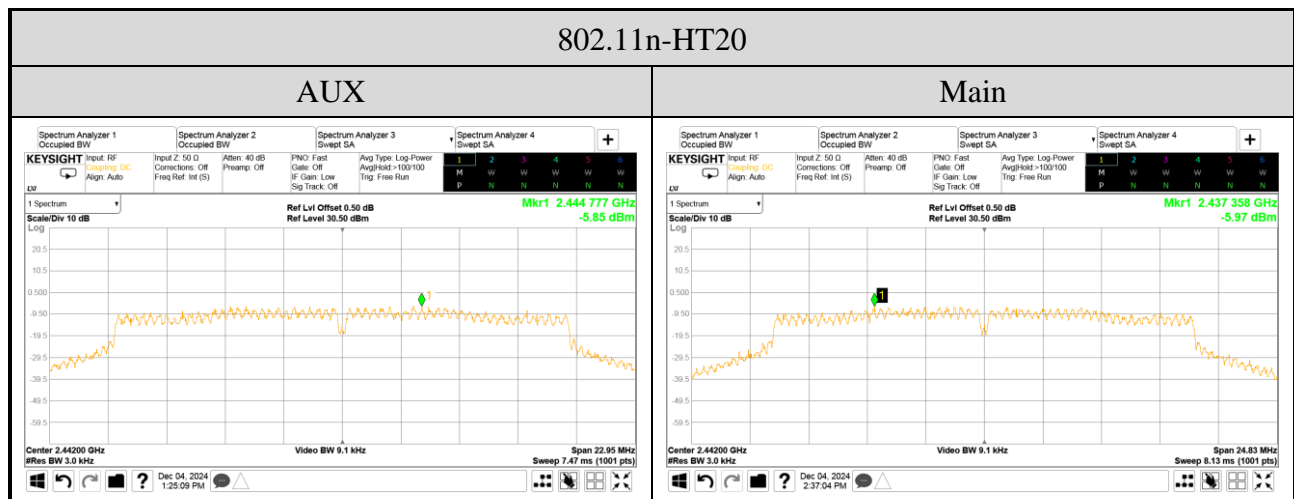
A.6.2 Measurement Plots



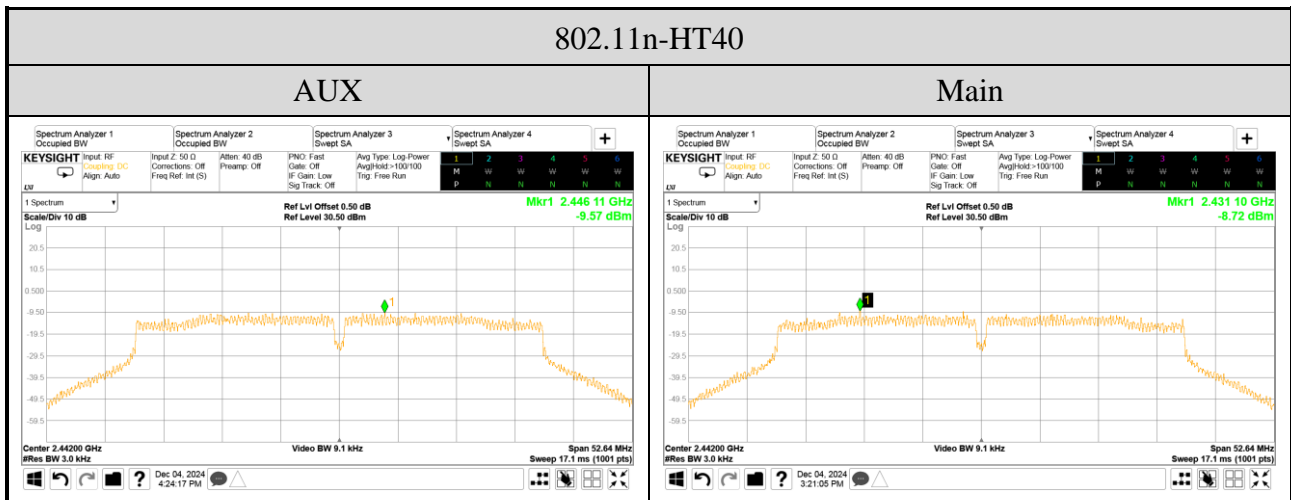
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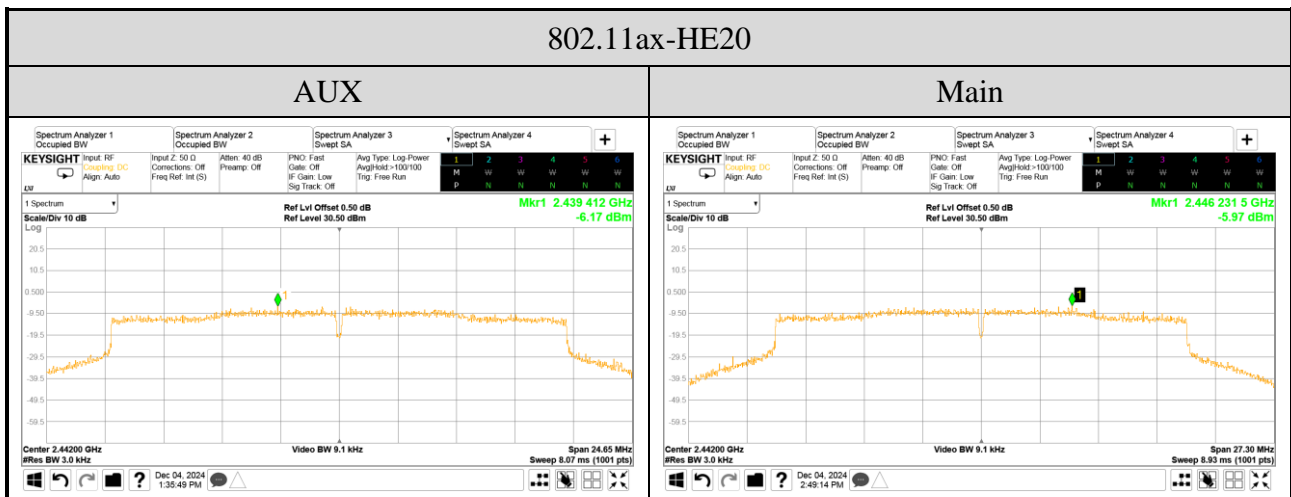
Note: All results have been included cable loss.



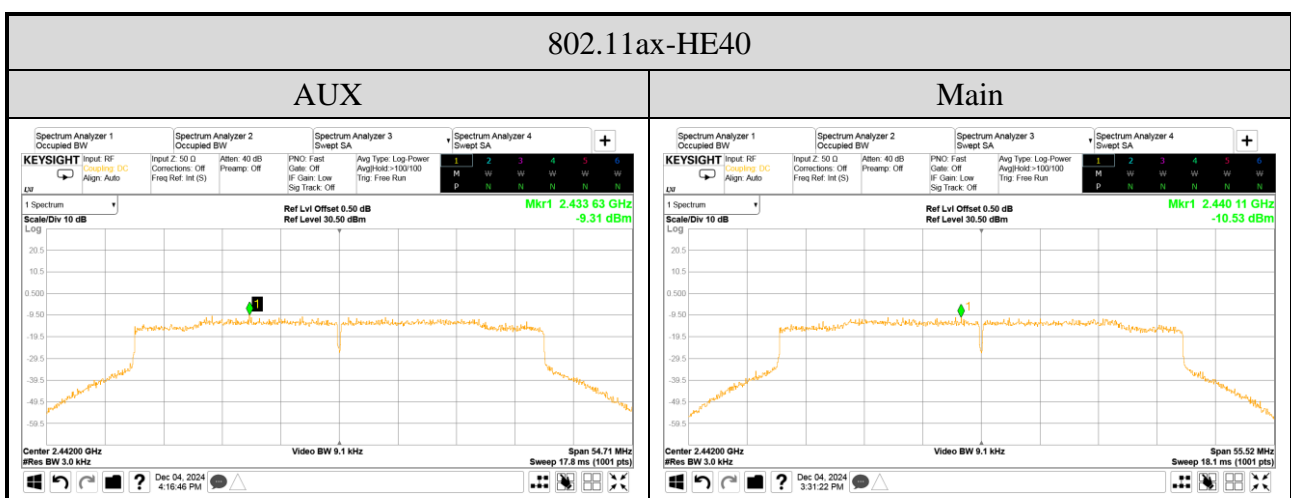
Note: All results have been included cable loss.



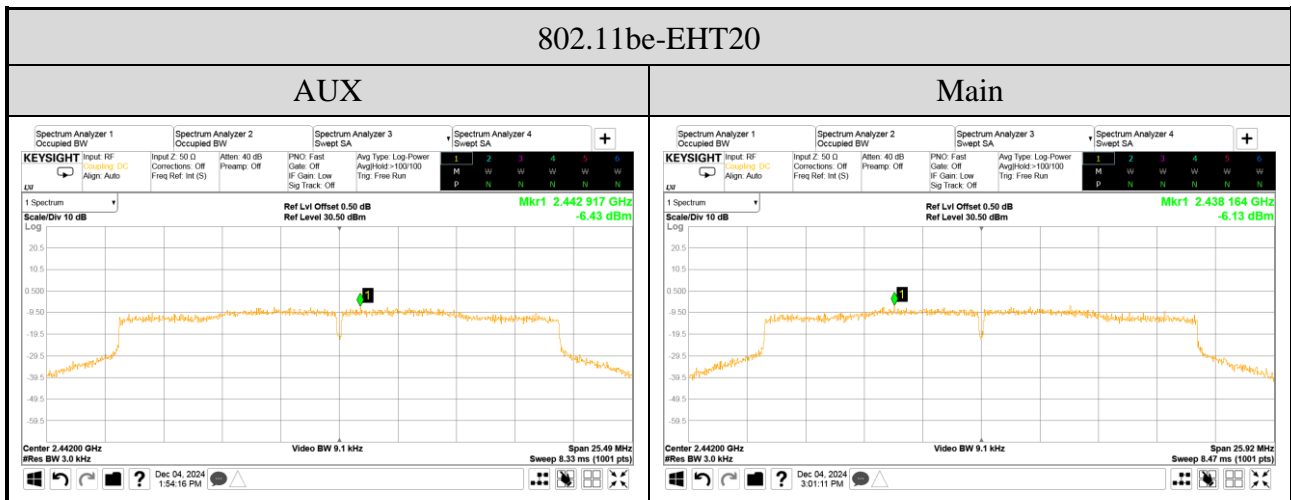
Note: All results have been included cable loss.



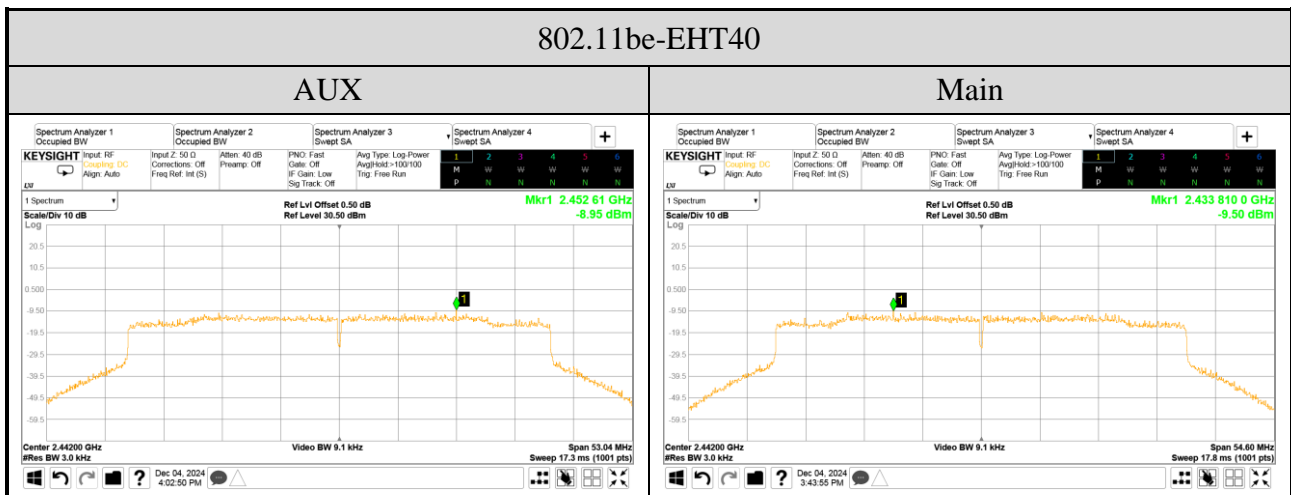
Note: All results have been included cable loss.



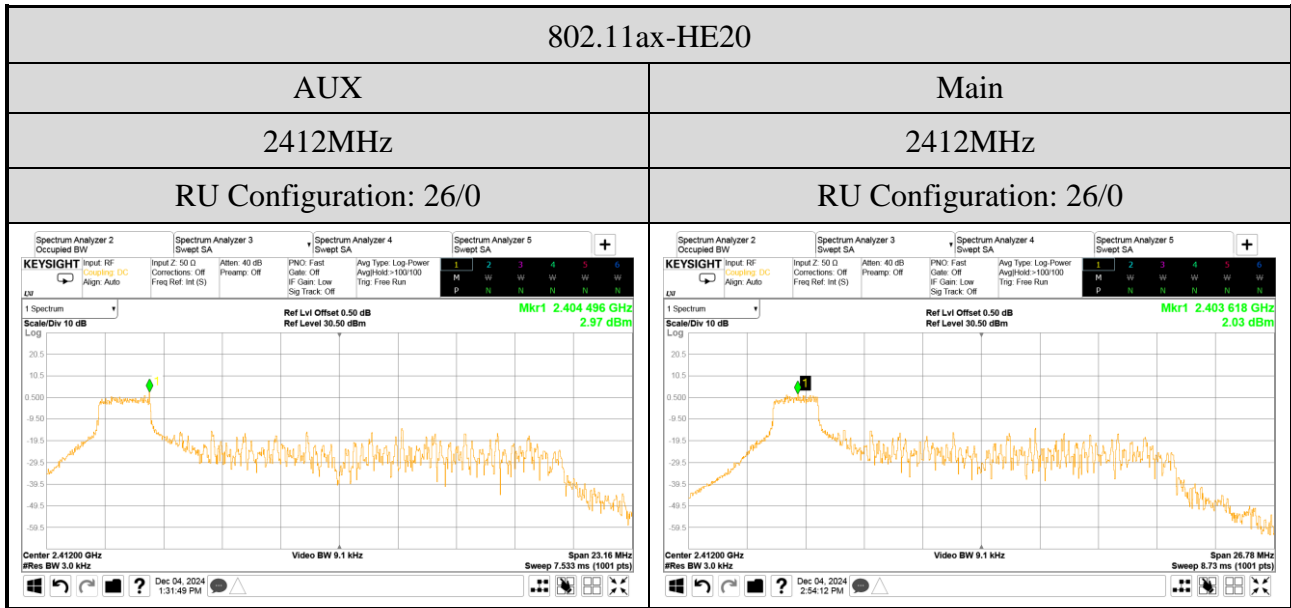
Note: All results have been included cable loss.



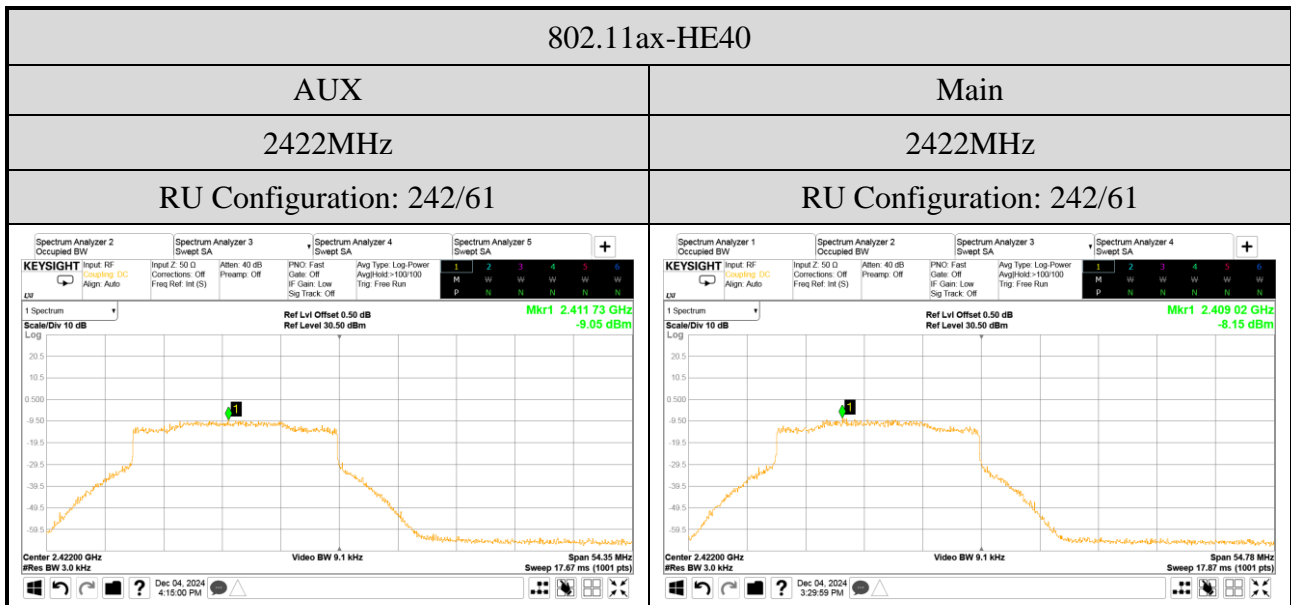
Note: All results have been included cable loss.



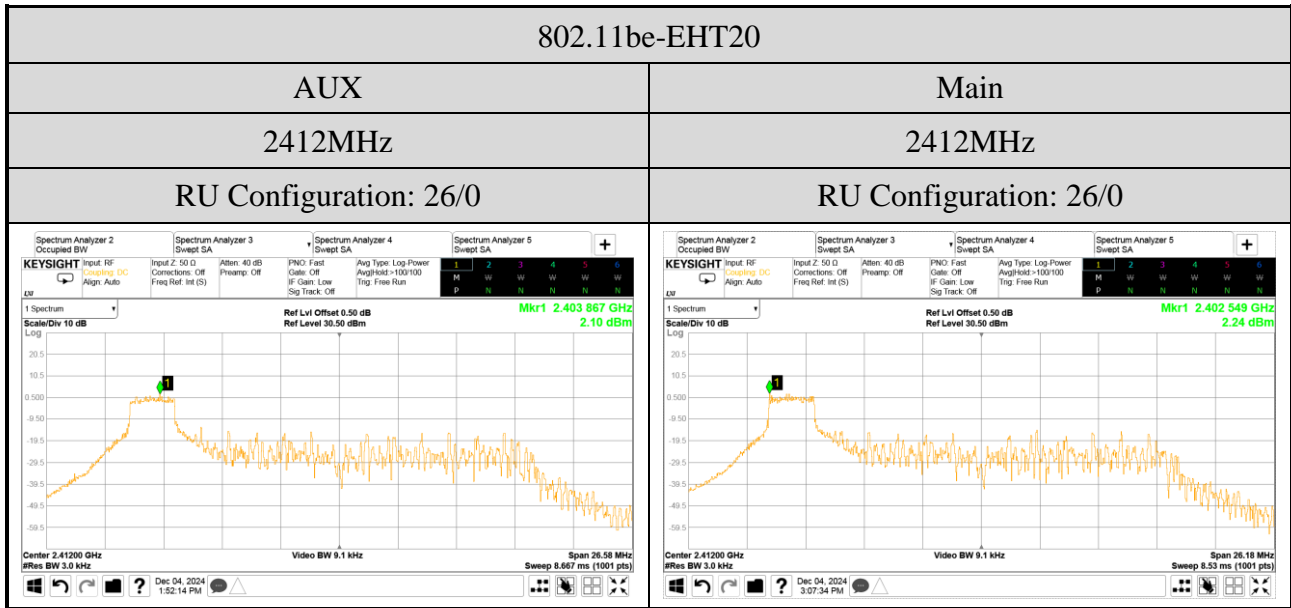
Note: All results have been included cable loss.



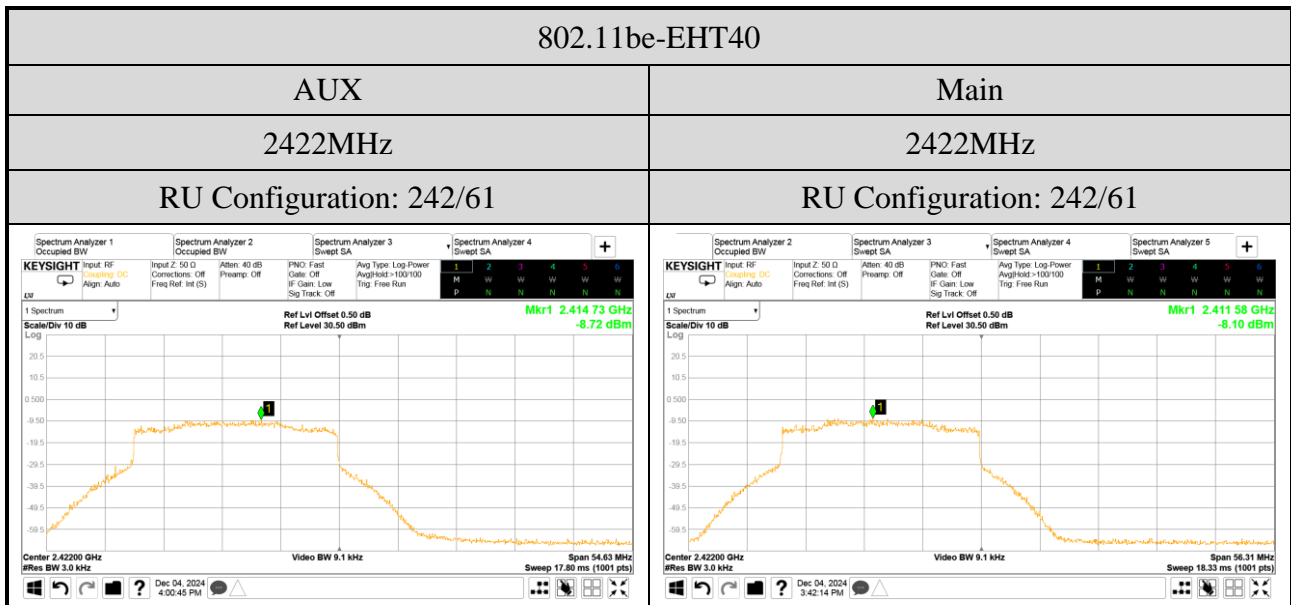
Note: All results have been included cable loss.



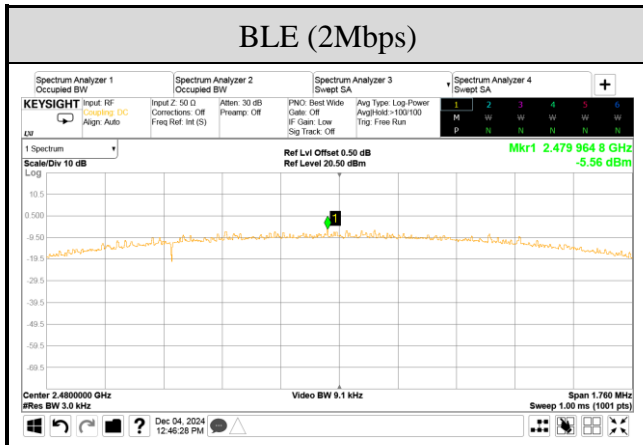
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