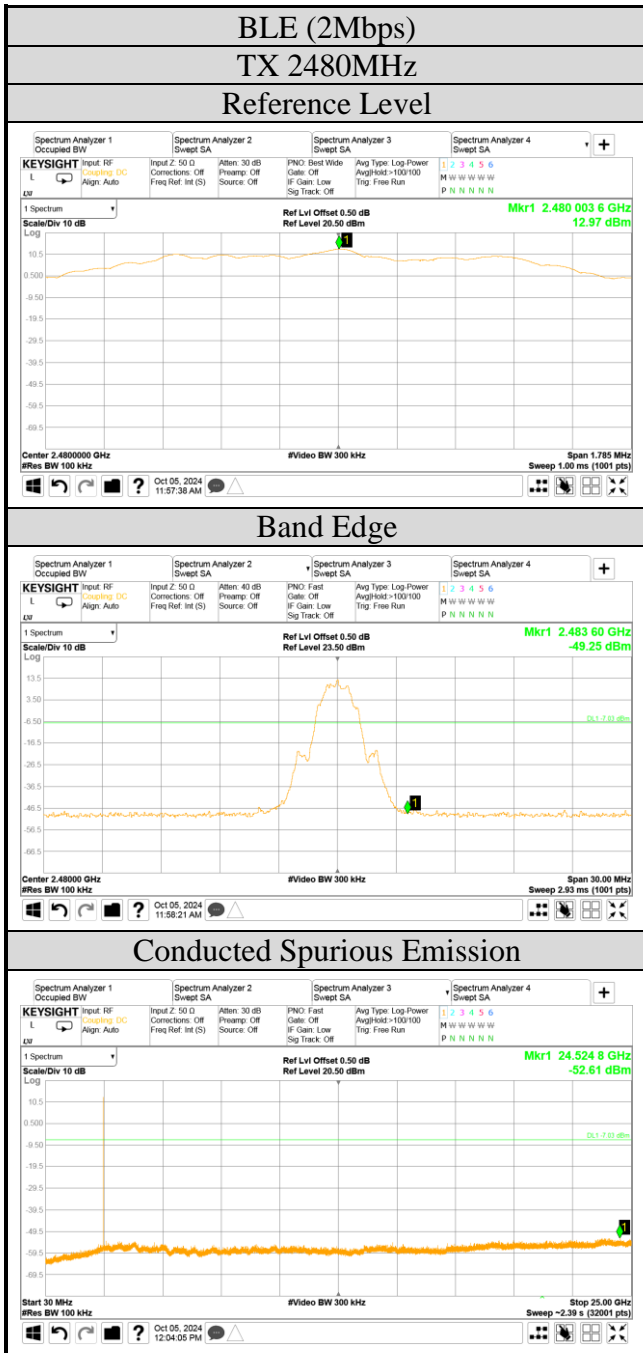




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A.6 POWER SPECTRAL DENSITY

Test Date	2024/10/04 ~ 05	Temp./Hum.	25 ~ 26°C/61 ~ 62%
Cable Loss	0.5dB	Tested By	Ryan Chiang
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	-5.900	-4.470	-4.470	<8 dBm/3kHz
	2442	-4.730	-4.550	-4.550	
	2462	-4.760	-4.630	-4.630	
	2472	-5.640	-4.940	-4.940	
802.11g	2412	-4.790	-4.830	-4.790	
	2442	-4.700	-5.790	-4.700	
	2472	-11.890	-10.840	-10.840	

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	-5.750	-5.540	-2.633	<8 dBm/3kHz
	2442	-4.990	-5.980	-2.447	
	2462	-6.490	-5.990	-3.223	
	2472	-12.390	-11.820	-9.085	
802.11n-HT40	2422	-9.680	-9.020	-6.327	
	2442	-8.420	-9.230	-5.796	
	2462	-15.210	-14.260	-11.699	
802.11ax-HE20	2412	-8.030	-6.560	-4.223	
	2442	-7.200	-6.810	-3.990	
	2472	-13.740	-12.740	-10.201	
802.11ax-HE40	2422	-11.190	-9.890	-7.481	
	2442	-10.320	-9.450	-6.853	
	2462	-16.160	-15.430	-12.769	
802.11be-EHT20	2412	-7.280	-6.780	-4.013	
	2442	-7.400	-6.100	-3.691	
	2472	-13.350	-12.880	-10.098	
802.11be-EHT40	2422	-11.040	-9.980	-7.467	
	2442	-10.570	-9.830	-7.174	
	2462	-16.300	-15.850	-13.059	

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	1.730	1.940	4.847	<8 dBm/3kHz
	52/37		-1.280	-0.480	2.149	
	106/53		-3.740	-4.060	-0.887	
	26/8	2472	-13.940	-13.700	-10.808	
	52/40		-16.970	-17.400	-14.169	
	106/54		-13.510	-13.900	-10.690	
802.11ax-HE40	242/61	2422	-7.490	-7.440	-4.455	
	242/62	2462	-13.640	-13.440	-10.529	
802.11be-EHT20	26/0	2412	1.450	2.300	4.906	
	52/37		-2.160	-0.690	1.647	
	106/53		-4.410	-3.760	-1.063	
	26/8	2472	-13.520	-13.730	-10.613	
	52/40		-16.890	-16.620	-13.743	
	106/54		-14.410	-14.050	-11.216	
802.11be-EHT40	242/61	2422	-7.670	-6.810	-4.208	
	242/62	2462	-13.010	-13.370	-10.176	

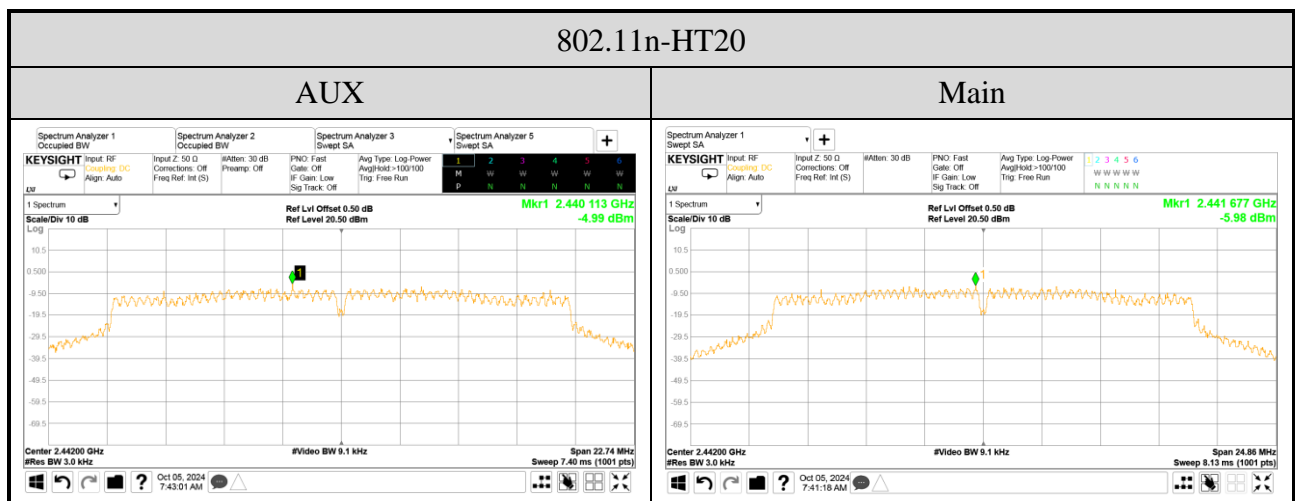
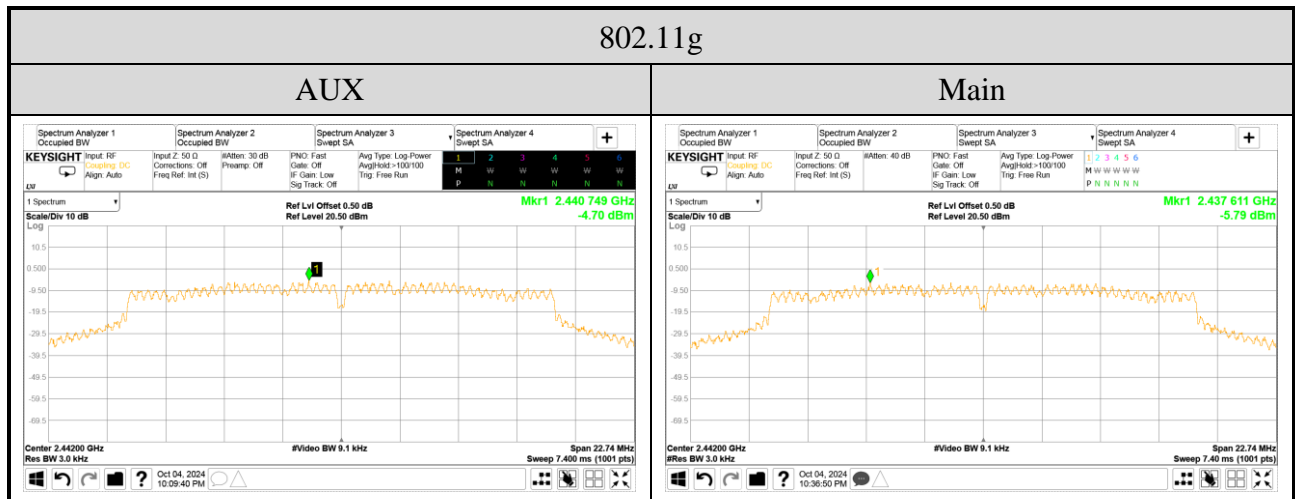
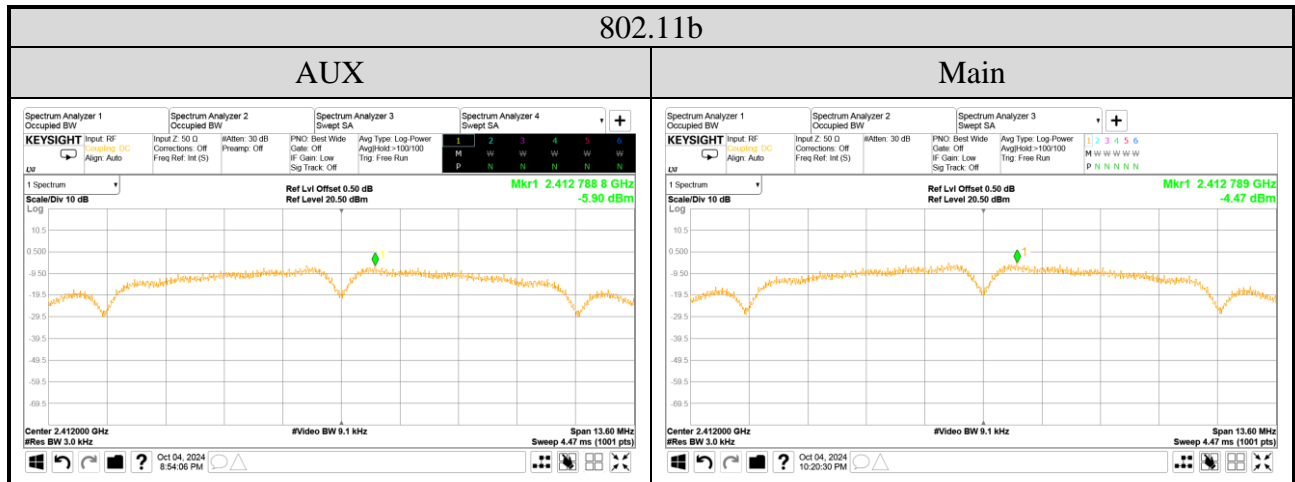
Note: 1. All results have been included cable loss.

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

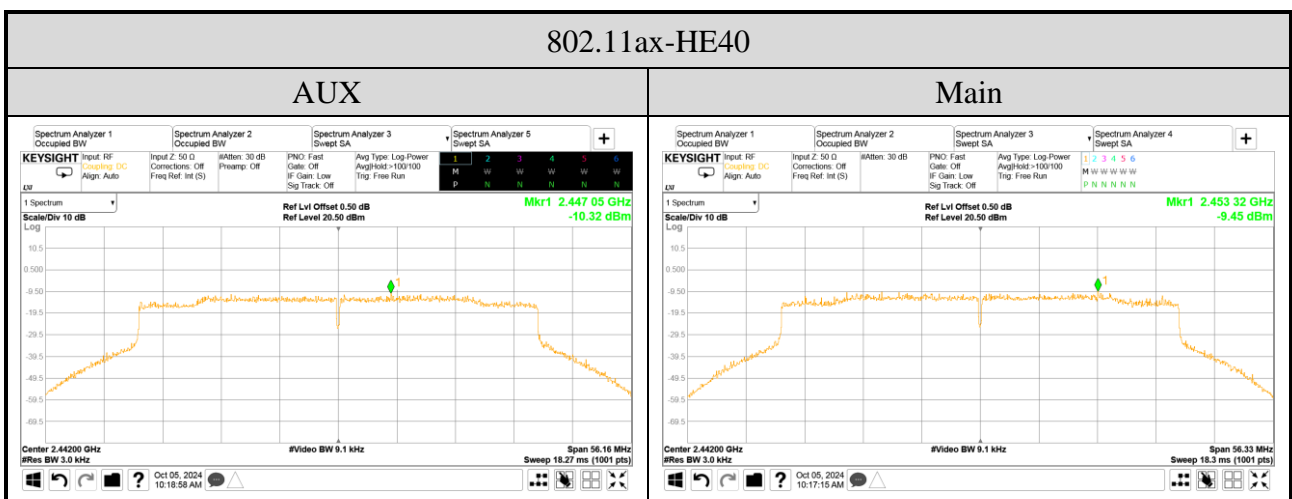
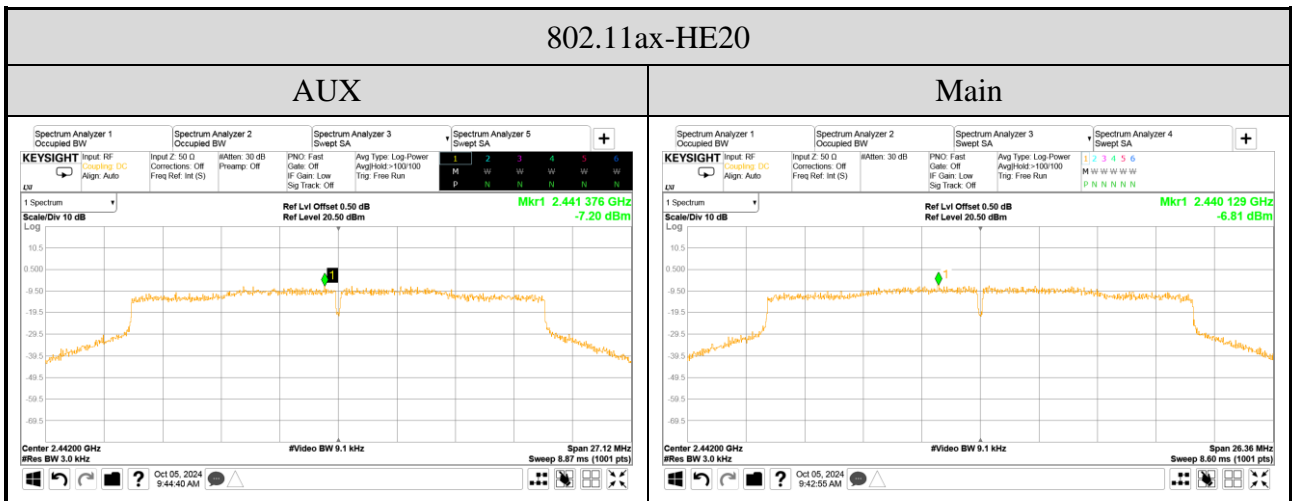
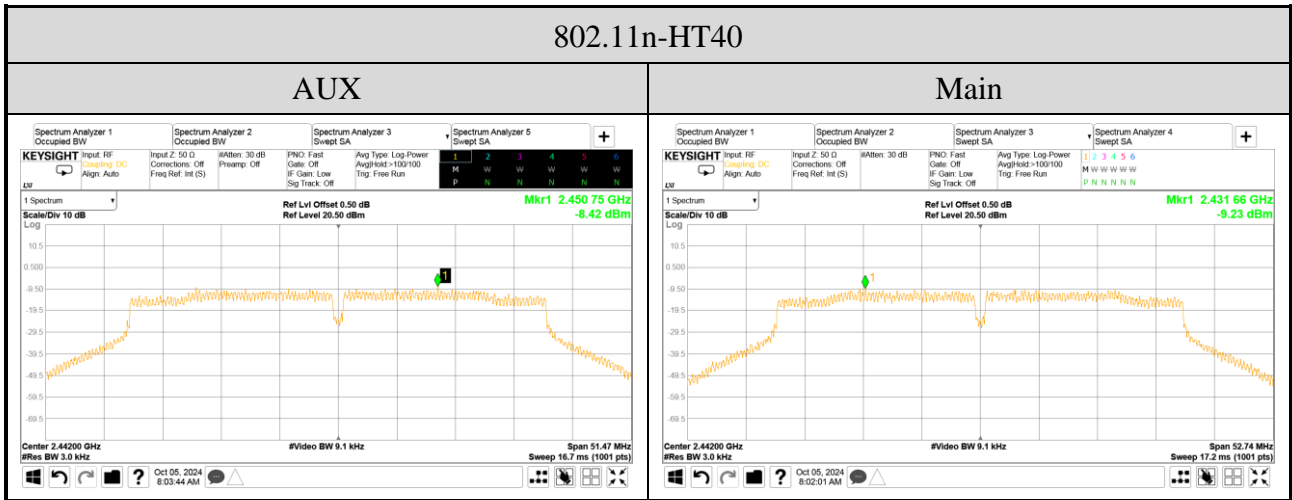
Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
BLE (2Mbps)	2402	-3.67	<8 dBm/3kHz
	2440	-3.45	
	2480	-3.41	

Note: All results have been included cable loss.

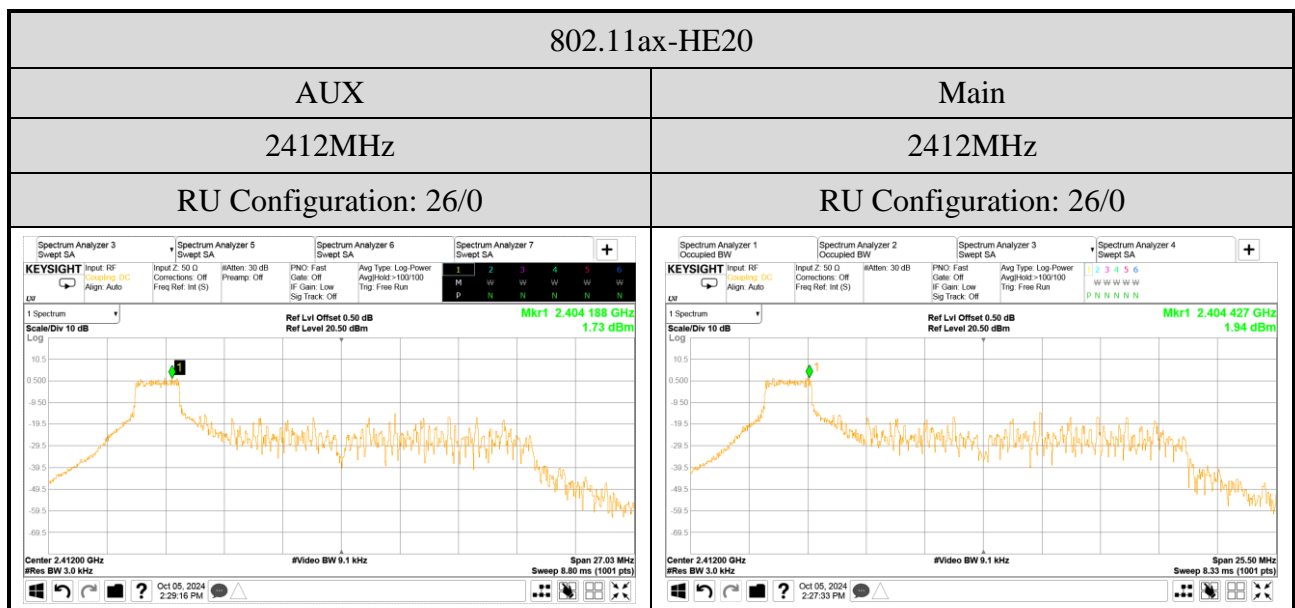
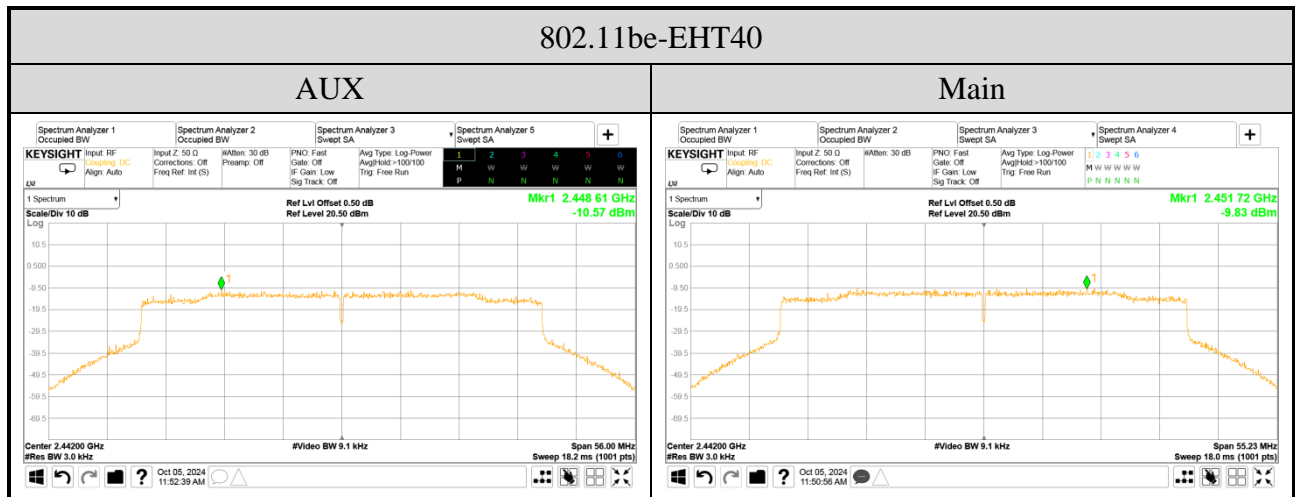
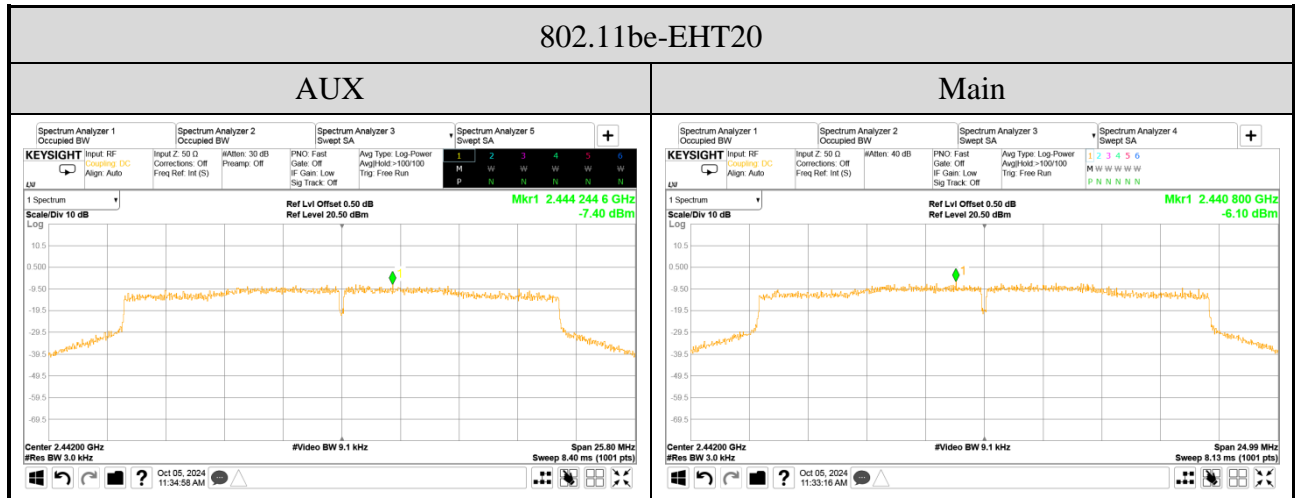
A.6.2 Measurement Plots



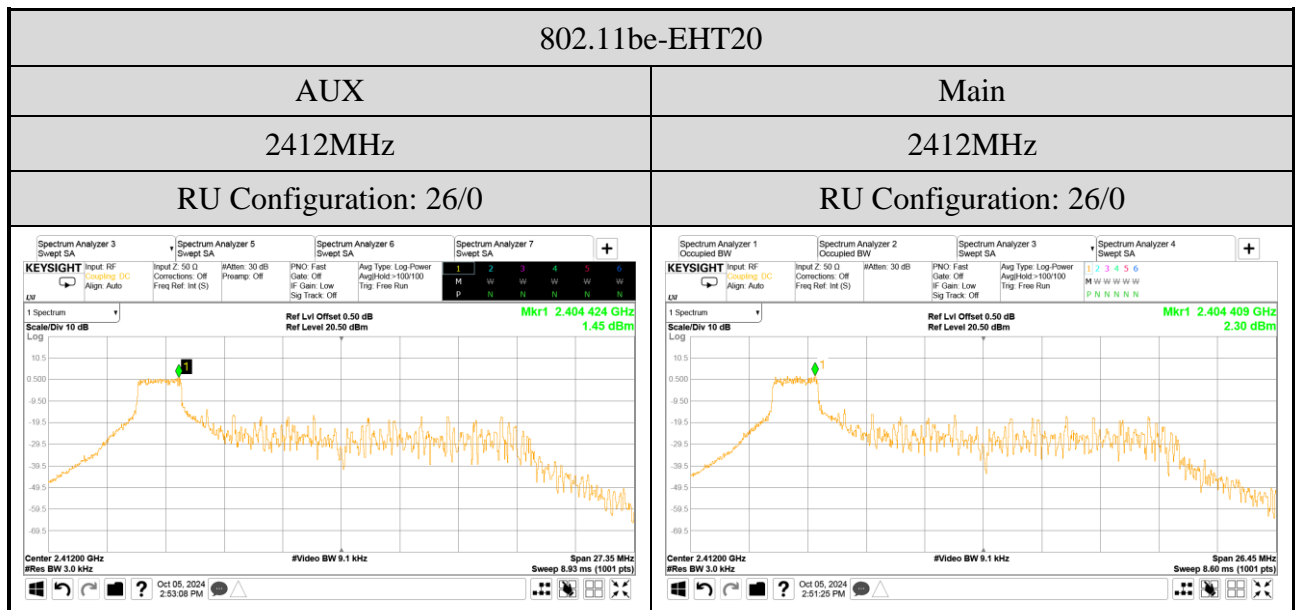
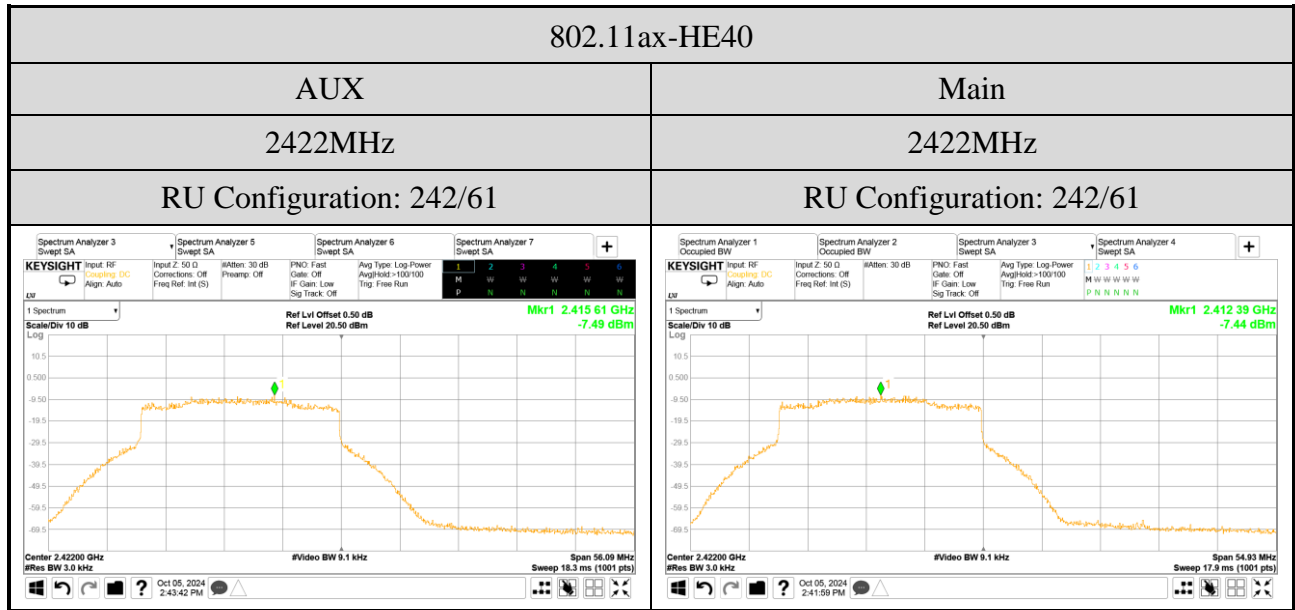
Note: All results have been included cable loss.



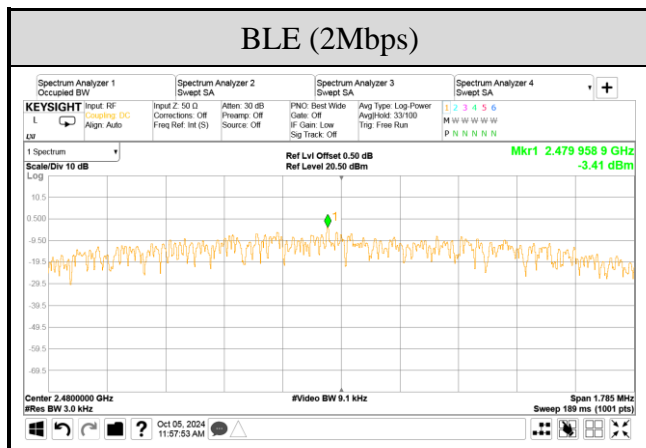
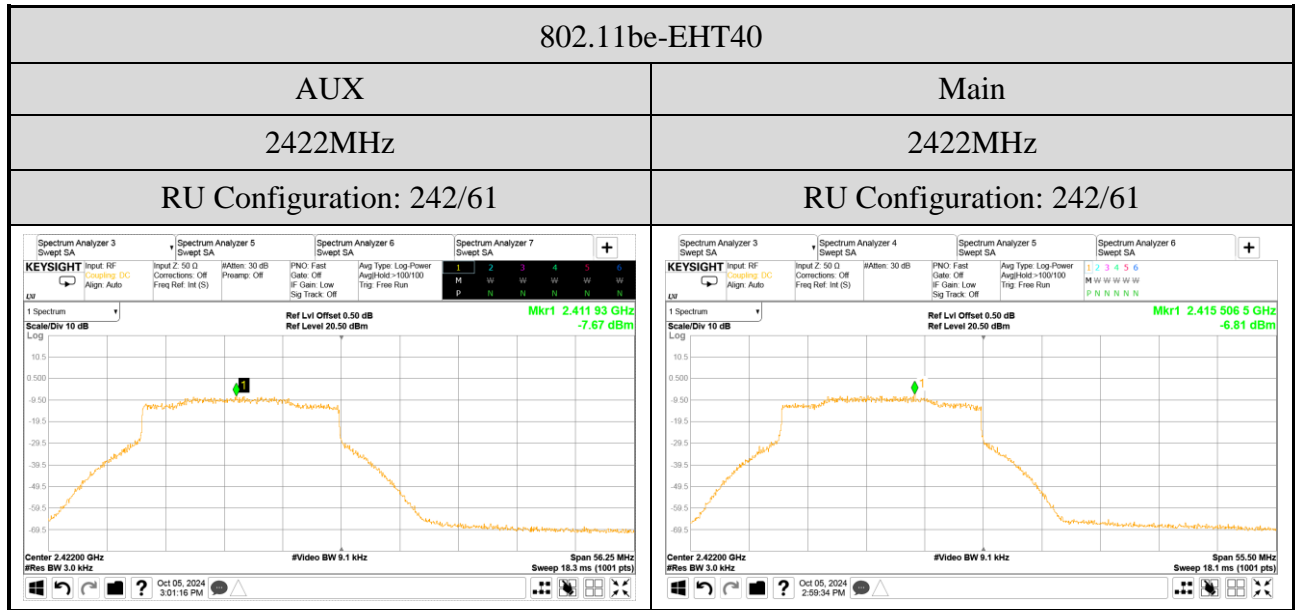
Note: All results have been included cable loss.



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