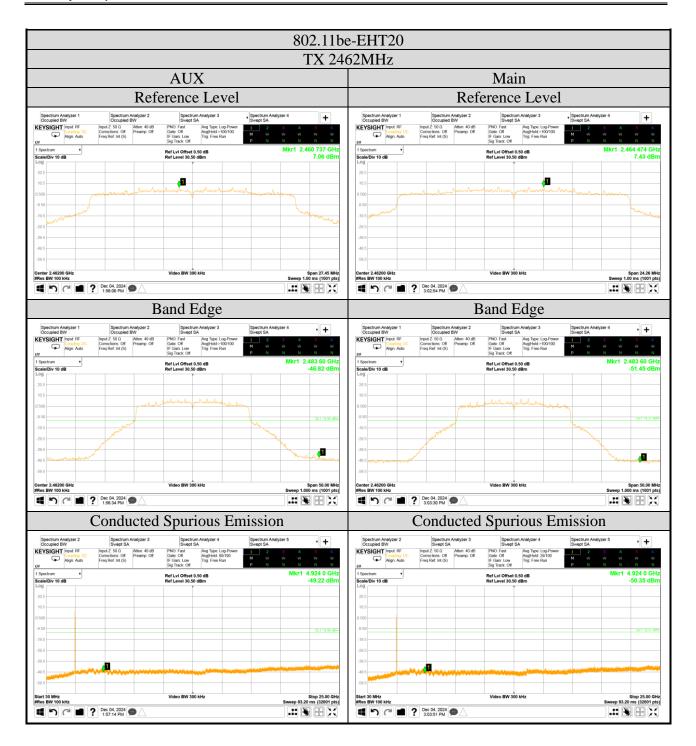


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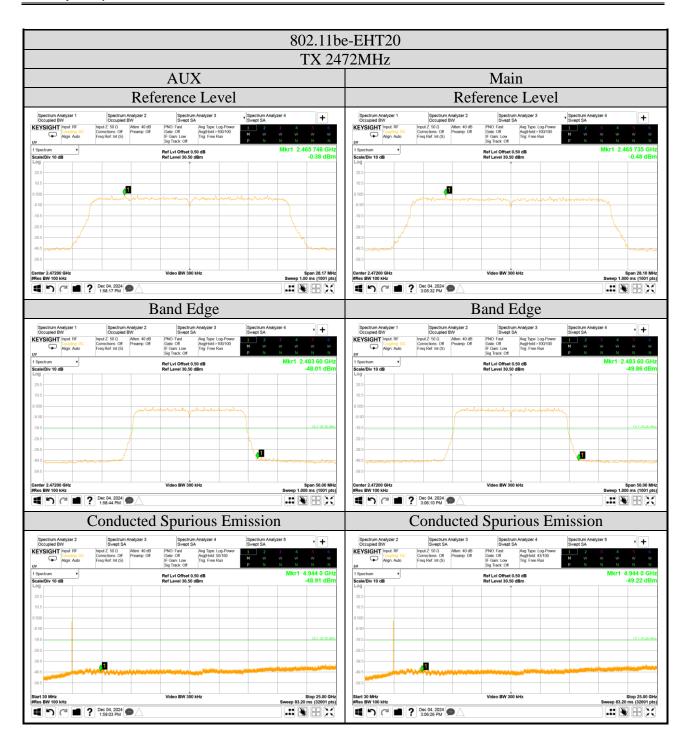


File Number: C1M2411089

Report Number: EM-F240621



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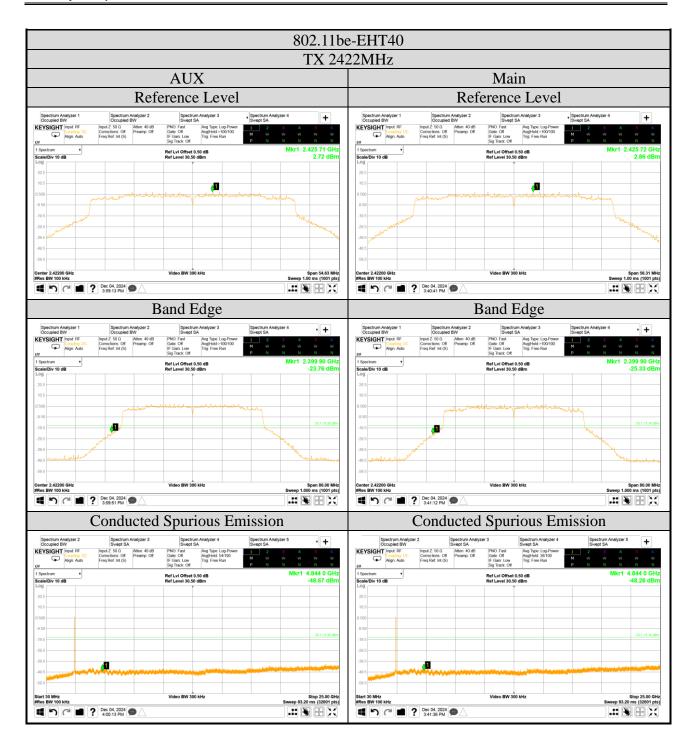


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Report Number: EM-F240621



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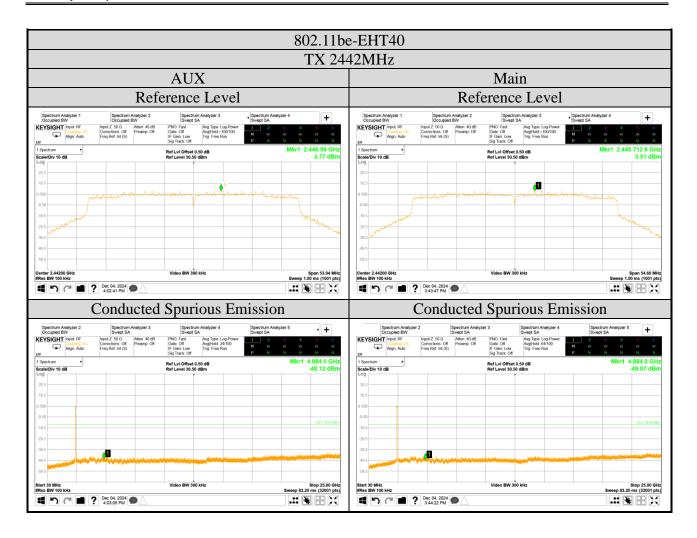


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Report Number: EM-F240621



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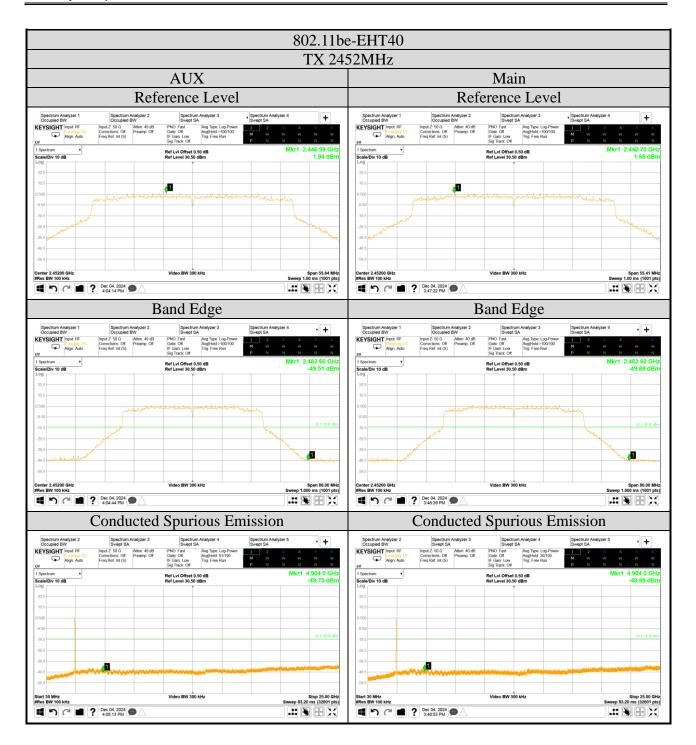


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Report Number: EM-F240621



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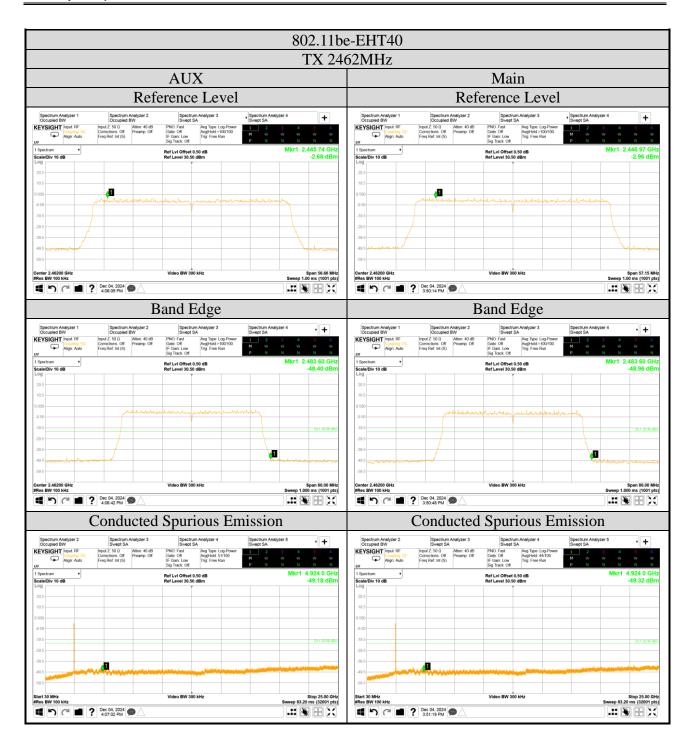


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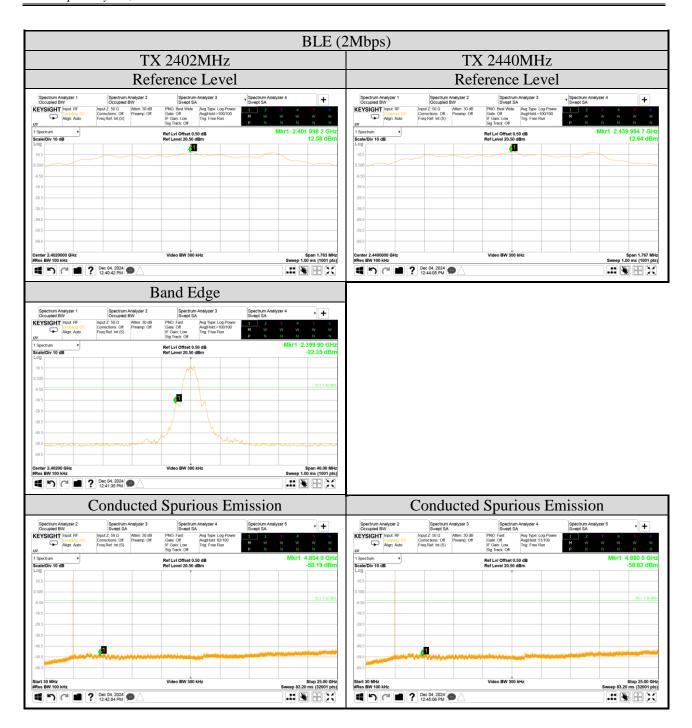
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Report Number: EM-F240621

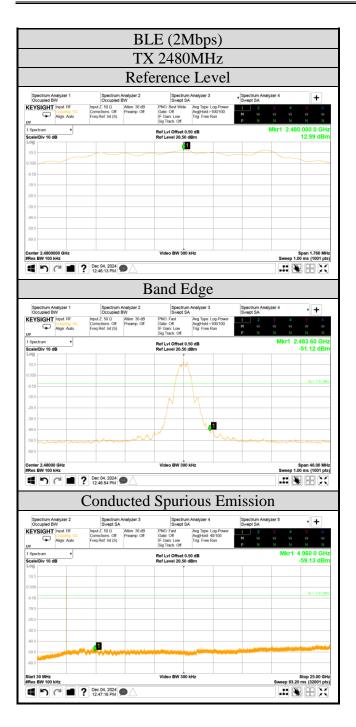




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A.6 POWER SPECTRAL DENSITY

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	Power Spectral Density (dBm)		MAX. Power Spectral Density (dBm) Note 2	Limit	
	(MHz)	AUX	Main	(dBm) ^{Note 2}		
	2412	-6.130	-3.700	-3.700	<8 dBm/3kHz	
802.11b	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 S Density AUX	Spectral (dBm) Main	Total Power Spectral Density (dBm) ^{Note 2}	Limit
	2412	-7.110	-6.320	-3.687	
802.11n-HT20	2442	-5.850	-5.970	-2.899	
	2462	-6.340	-5.570	-2.928	
	2472	-13.380	-13.170	-10.263	
	2422	-10.610	-8.760	-6.577	
90 2 11 UT 40	2442	-9.570	-8.720	-6.114	
802.11n-HT40	2452	-11.620	-11.680	-8.640	
	2462	-15.450	-15.040	-12.230	
	2412	-8.200	-7.450	-4.799	
202 11 ar 11520	2442	-6.170	-5.970	-3.059	
802.11ax-HE20	2462	-7.070	-5.820	-3.390	
	2472	-13.930	-13.870	-10.890	<8 dBm/3kHz
	2422	-11.060	-11.200	-8.119	<8 dBm/3kHz
902 11 or 11E40	2442	-9.310	-10.530	-6.867	
802.11ax-HE40	2452	-12.260	-11.900	-9.066	
	2462	-16.000	-15.840	-12.909	
	2412	-7.270	-7.330	-4.290	
802.11be-EHT20	2442	-6.430	-6.130	-3.267	
802.110e-EH120	2462	-6.740	-7.560	-4.120	
	2472	-13.820	-13.560	-10.678	
	2422	-11.250	-9.970	-7.553	
802.11be-EHT40	2442	-8.950	-9.500	-6.206	
002.110с-EП140	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).

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Mode	RU Centre Config Frequenc		Power Spectral Density (dBm)		Total Power Spectral	Limit
	uration	y (MHz)	AUX	Main	Density (dBm) Note 2	
	26/0		2.970	2.030	5.536	
	52/37	2412	-0.610	0.150	2.797	
802.11ax-HE20	106/53		-4.060	-3.470	-0.745	
802.11ax-11E20	26/8		-13.930	-14.220	-11.062	
	52/40	2472	-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	<8 dBm/3kHz
	26/0	2412	2.100	2.240	5.181	
802.11be-EHT20	52/37		-0.450	0.750	3.202	
	106/53		-3.160	-3.260	-0.199	
802.110e-EH120	26/8		-14.580	-13.330	-10.900	
	52/40	2472	-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	
002.110e-En140	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	
	2402	-5.90		
BLE (2Mbps)	2440	-5.62	<8 dBm/3kHz	
	2480	-5.56		

Note: All results have been included cable loss.

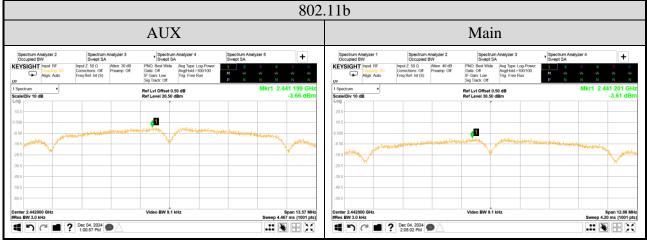
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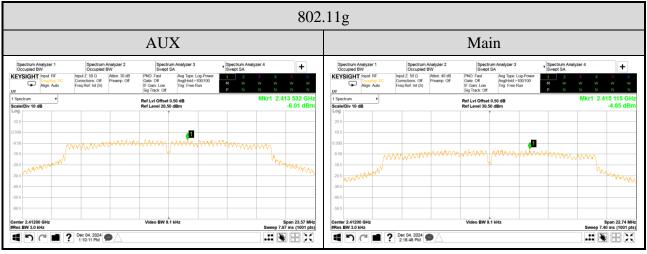


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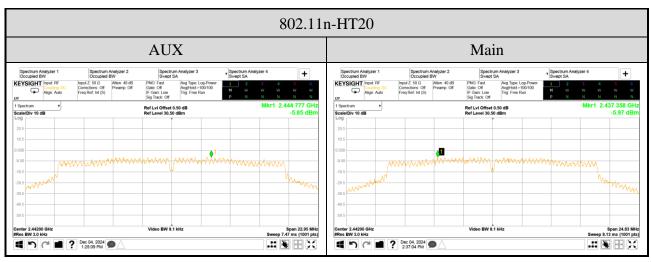
A.6.2 Measurement Plots



Note: All results have been included cable loss.



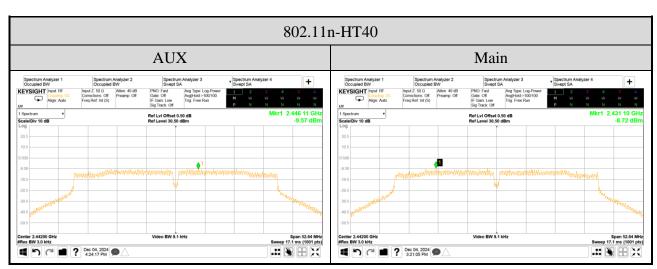
Note: All results have been included cable loss.



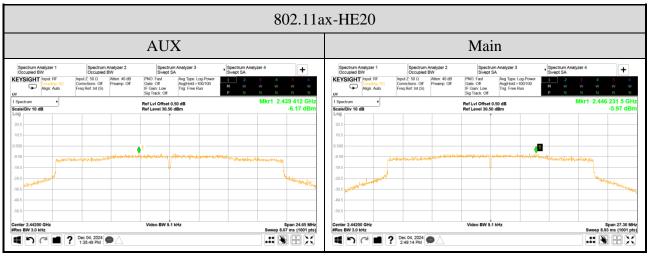
Note: All results have been included cable loss.

File Number: C1M2411089Report Number: EM-F240621





Note: All results have been included cable loss.



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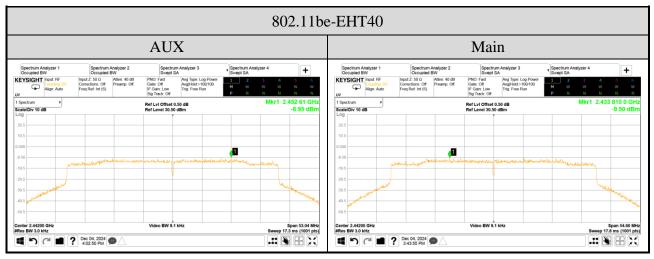
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Report Number: EM-F240621





Note: All results have been included cable loss.

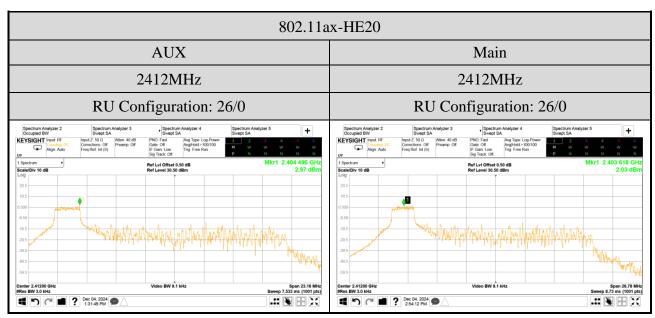


Note: All results have been included cable loss.

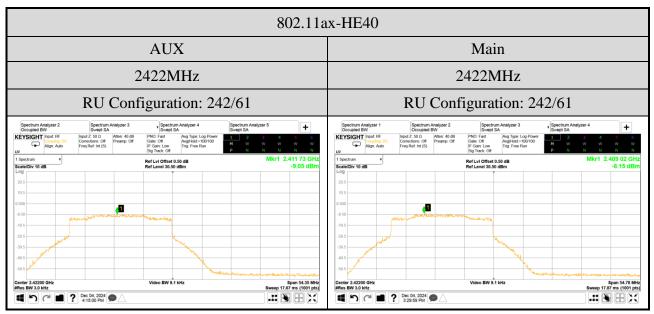
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Report Number: EM-F240621





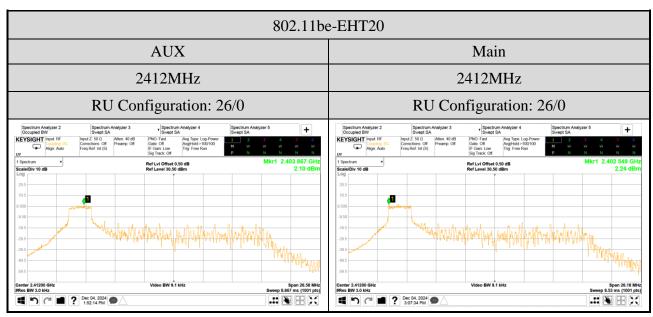
Note: All results have been included cable loss.



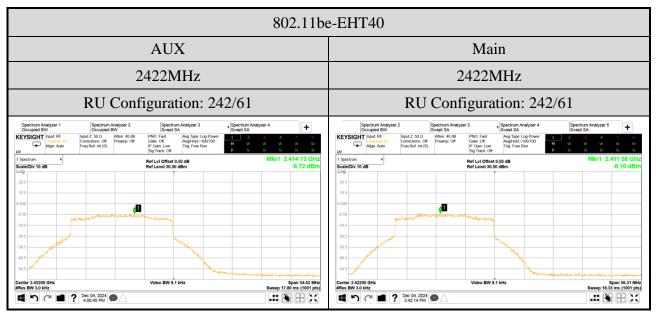
Note: All results have been included cable loss.

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Note: All results have been included cable loss.



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Spectrum A Occupied B	nalyzer 1 W	Spectrum Occupied	Analyzer 2 BW	Spectrum Swept SA	n Analyzer 3	Spectrum A	nalyzer 4	+
	Input: RF Coupling: DC Align: Auto	Input Z: 50 D Corrections: Off Freq Ref: Int (S)	Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Avg Hold:>100/100 Trig: Free Run	1 2 M W P N	3 4 ₩ ₩ N N	5 6 W W N N
1 Spectrum Scale/Div 10 d	, B			Ref LvI Offset 0. Ref Level 20.50			Mkr1 2.47	9 964 8 GHz -5.56 dBm
10.5								
0.500								
-9.50	man	- May Mann	aller and a	المالية معيدة من المناطقة المناطقة	entrolunger and	month	www.hardown.w	munul
-29.5								
-39.5			_				_	
-49.5								
-59.5								
-69.5								

Note: All results have been included cable loss.

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