Audix Technology Corp.
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A.6 POWER SPECTRAL DENSITY

Test Date	2023/01/10 ~ 16	Temp./Hum.	16 ~ 22°C/59 ~ 63%
Cable Loss	0.50dB	Tested By	Sam Chang
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	-2.660	-2.270	-2.270	<8 dBm/3kHz
	2442	-2.790	-2.290	-2.290	
	2462	-2.960	-2.290	-2.290	
	2472	-6.530	-6.610	-6.530	
802.11g	2412	-6.670	-7.120	-6.670	
	2442	-3.810	-4.430	-3.810	
	2462	-7.020	-7.100	-7.020	
	2472	-13.130	-12.520	-12.520	

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	-8.420	-9.500	-5.916	<8 dBm/3kHz
	2442	-2.970	-3.350	-0.146	
	2462	-7.870	-9.460	-5.582	
	2472	-19.380	-18.440	-15.874	
802.11n-HT40	2422	-12.150	-11.770	-8.946	
	2442	-12.450	-11.230	-8.787	
	2452	-12.360	-10.740	-8.465	
	2462	-21.650	-20.260	-17.889	
802.11ax-HE20	2412	-8.900	-9.290	-6.080	
	2442	-4.620	-3.500	-1.014	
	2462	-9.650	-8.630	-6.100	
	2472	-20.320	-20.210	-17.254	
802.11ax-HE40	2422	-13.940	-13.360	-10.630	
	2442	-12.590	-12.770	-9.669	
	2452	-13.780	-13.290	-10.518	
	2462	-22.460	-22.130	-19.282	

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	0.620	1.110	3.882	<8 dBm/3kHz
	52/37		-0.630	-0.980	2.209	
	106/53		-4.770	-4.020	-1.369	
	26/8	2472	-11.860	-10.740	-8.254	
	52/40		-12.730	-13.000	-9.853	
	106/54		-15.590	-15.100	-12.328	
802.11ax-HE40	242/61	2422	-9.370	-8.990	-6.166	
	242/62	2462	-19.440	-19.080	-16.246	

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	2402	-11.39	<8 dBm/3kHz
	2440	-11.11	
	2480	-10.71	

Note: All results have been included cable loss.

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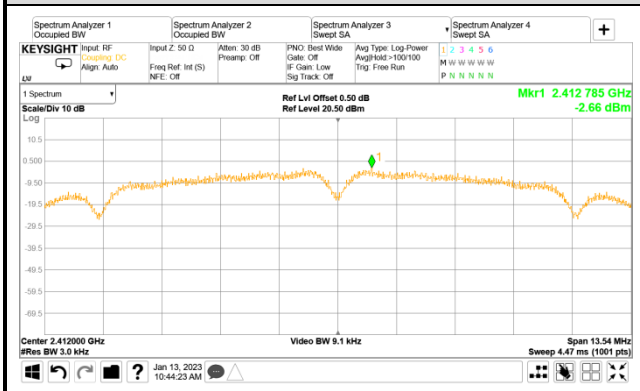
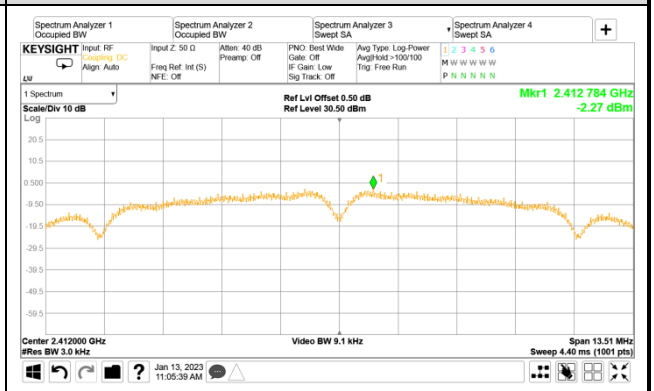
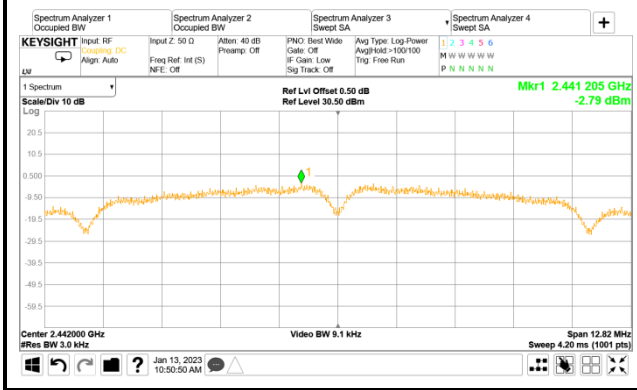
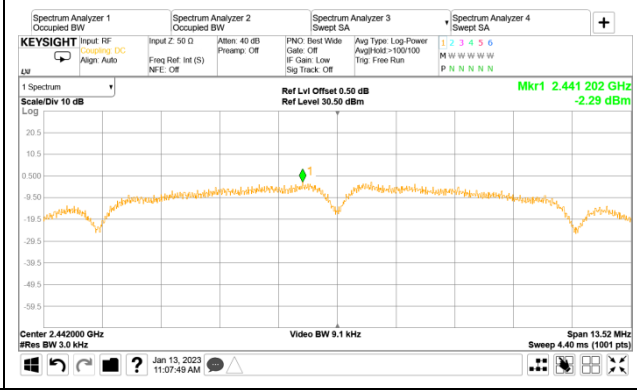
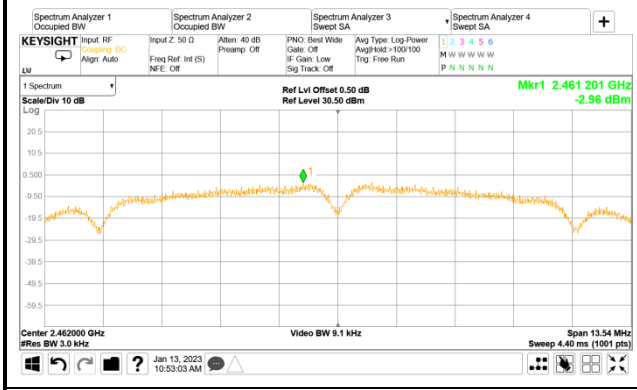
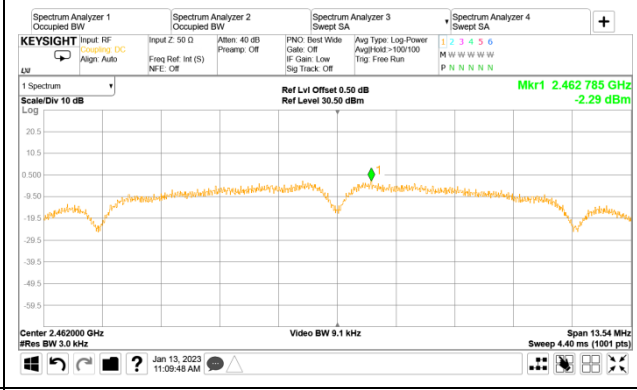
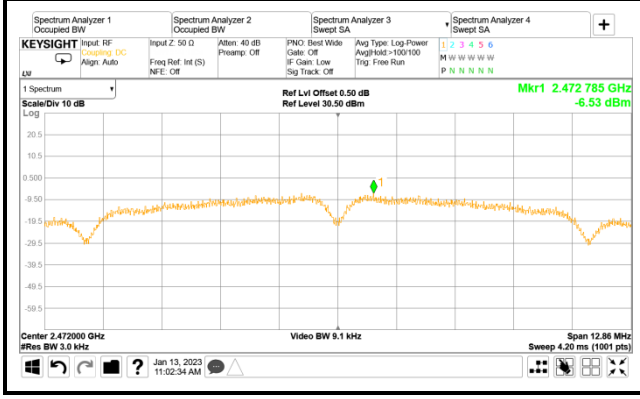
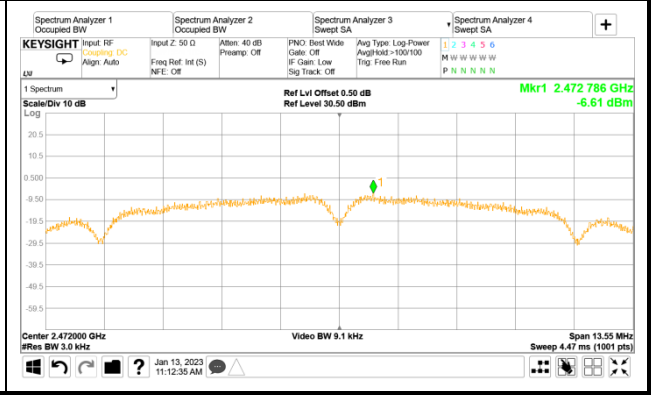
A.6.2 Measurement Plots

802.11b	
AUX	Main
	
	
	
	

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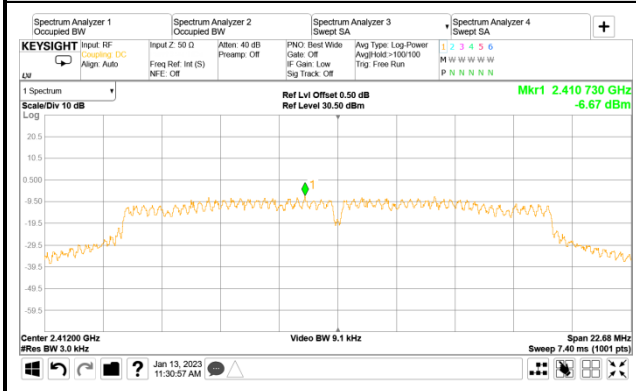
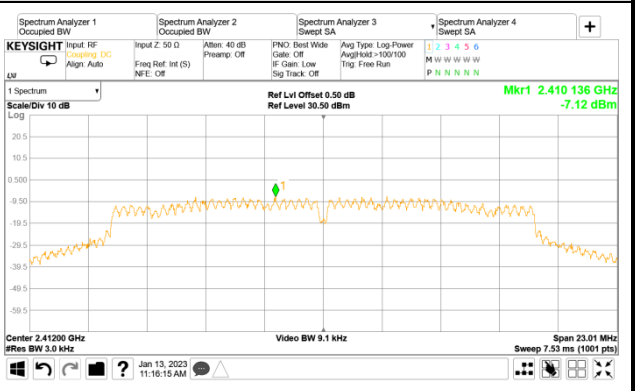
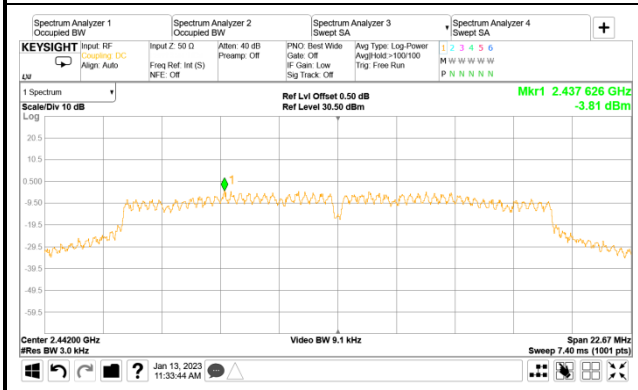
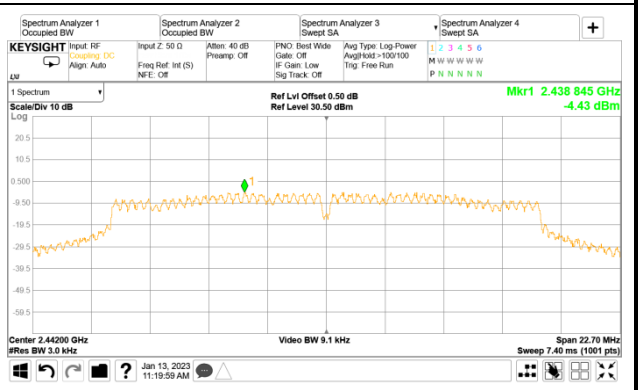
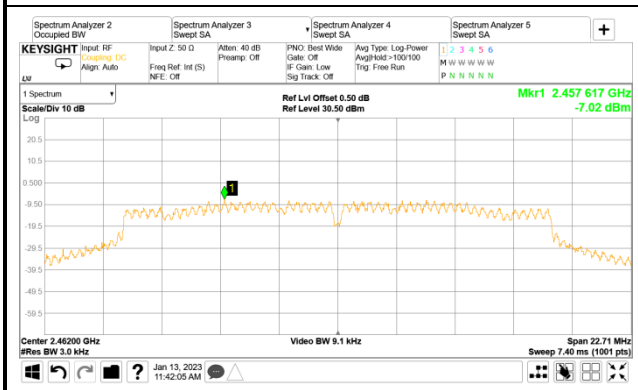
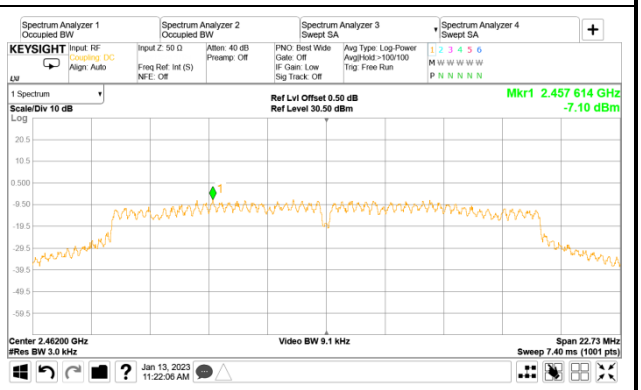
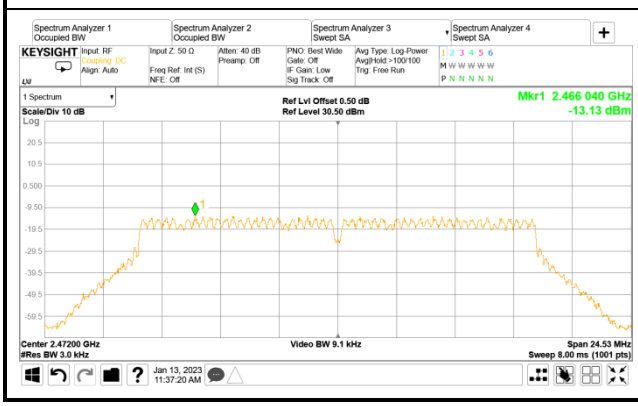
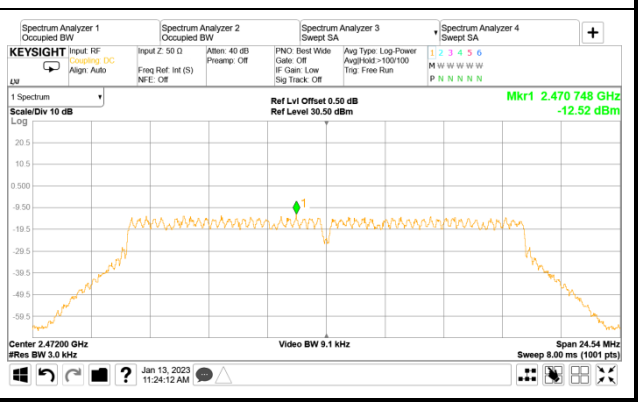
802.11g	
AUX	Main
	
	
	
	

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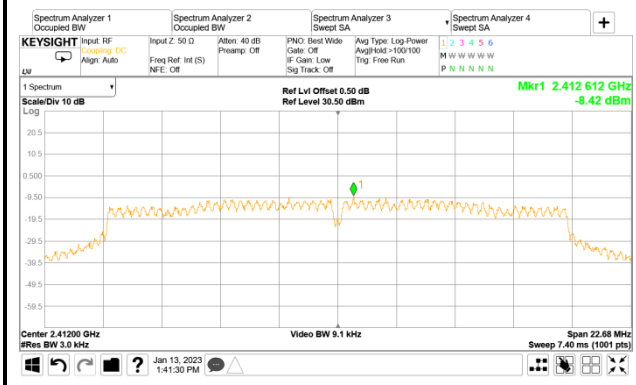
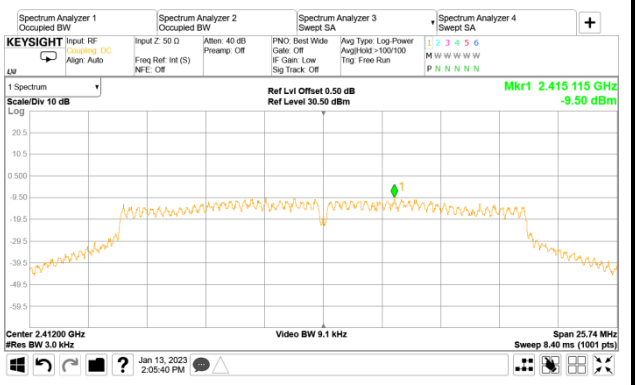
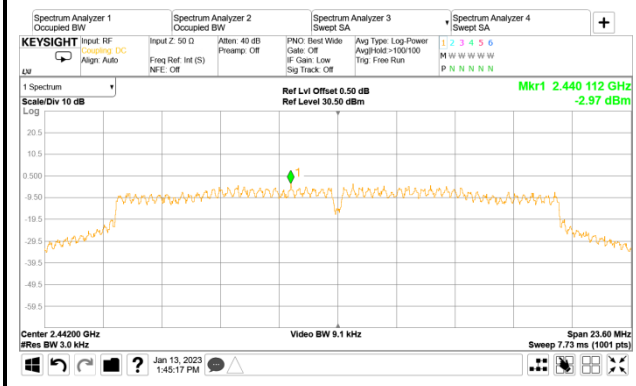
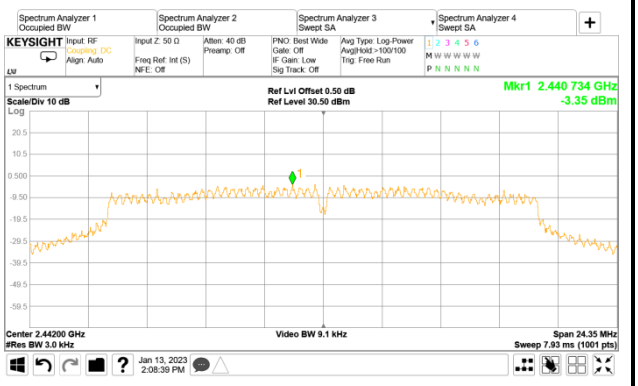
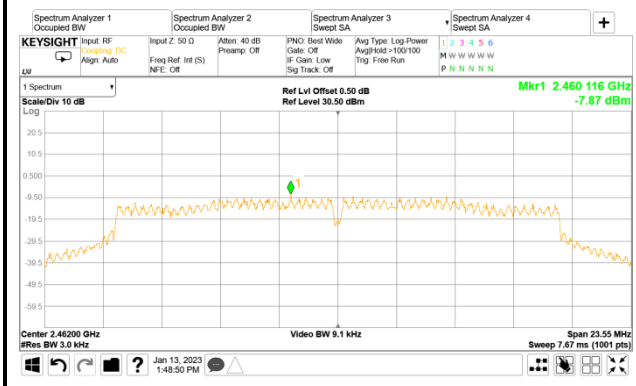
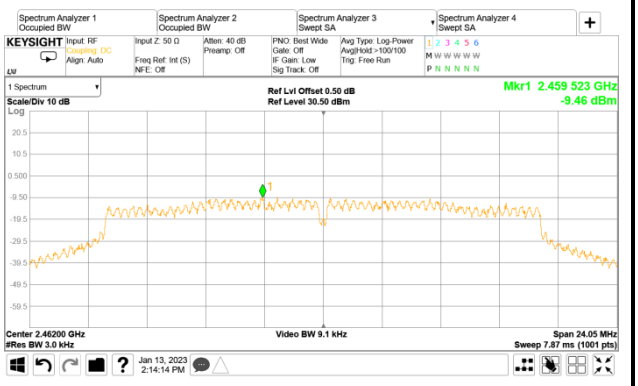
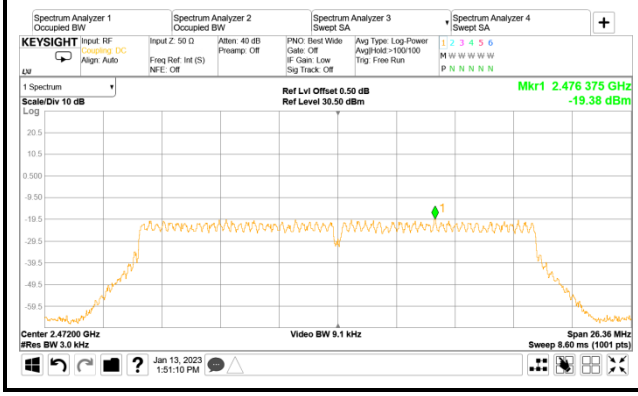
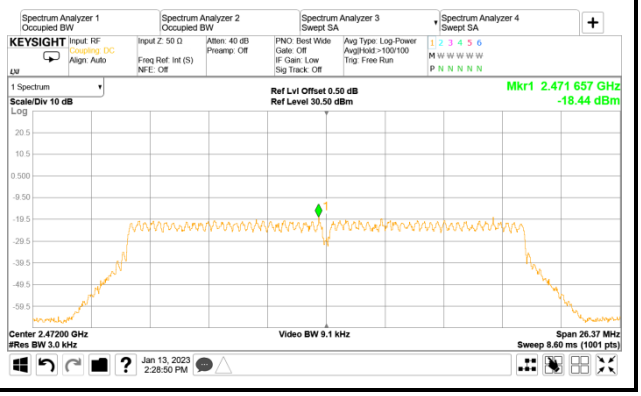
802.11n-HT20	
AUX	Main
	
	
	
	

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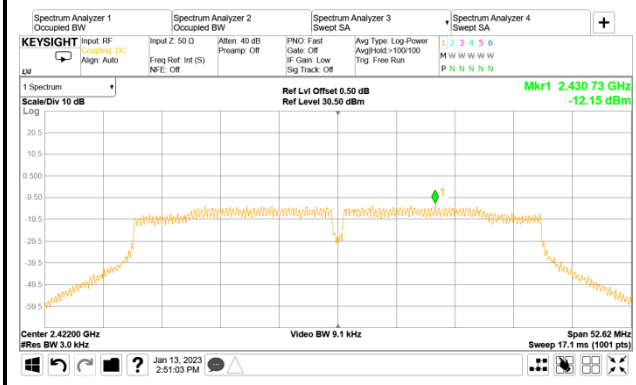
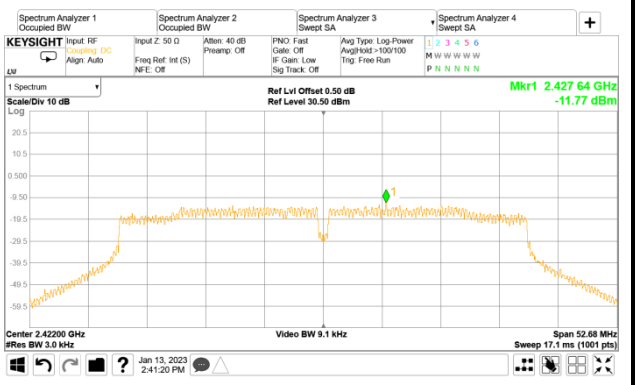
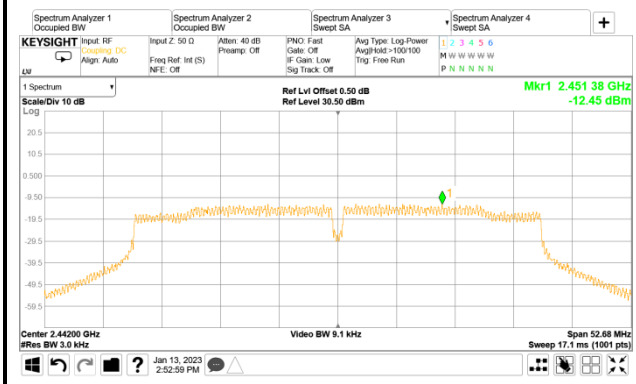
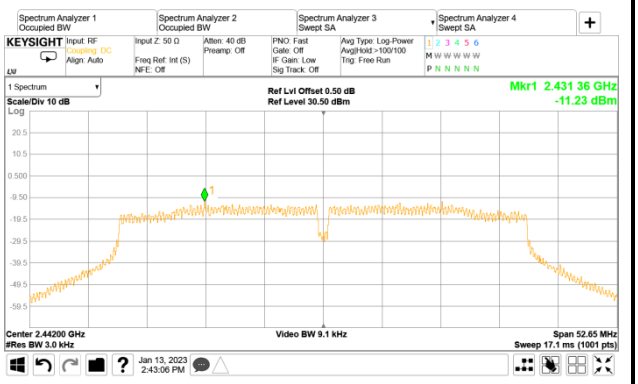
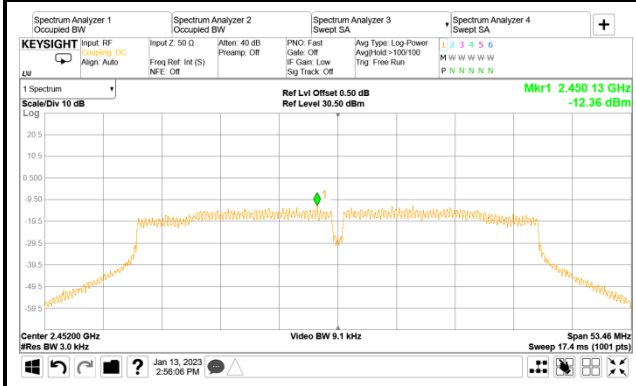
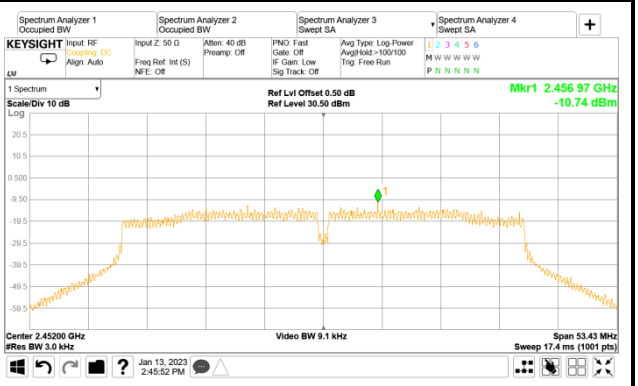
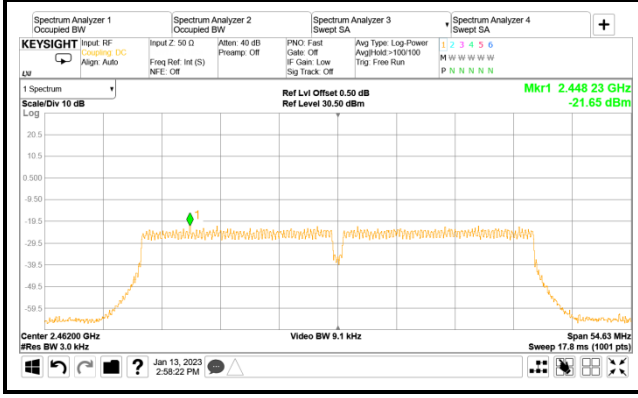
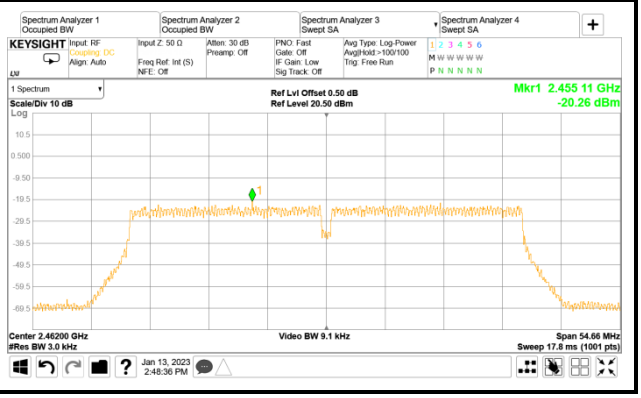
802.11n-HT40	
AUX	Main
	
	
	
	

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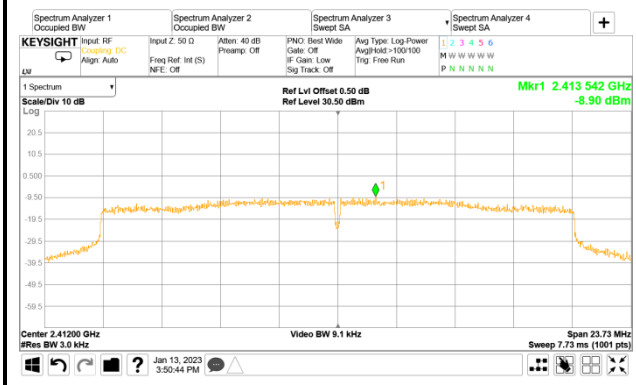
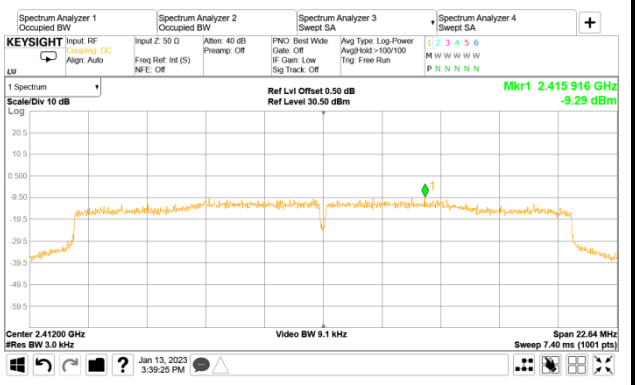
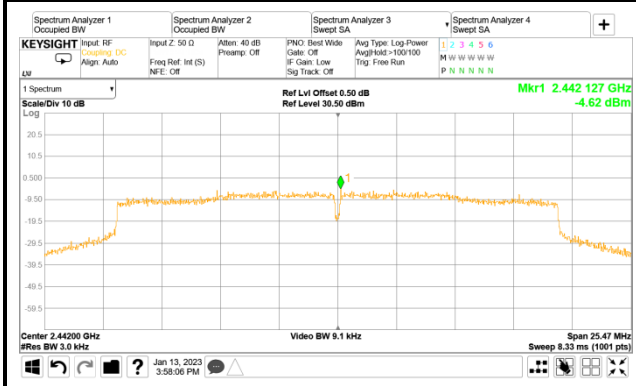
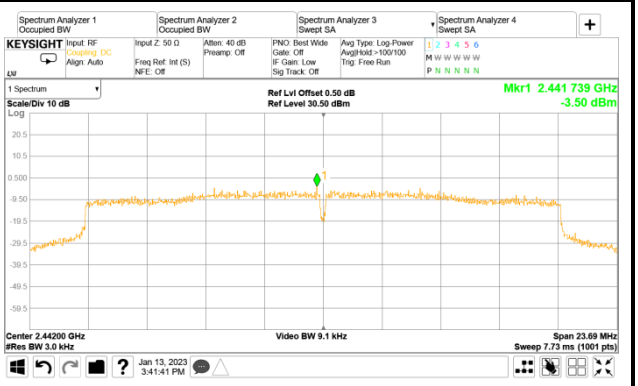
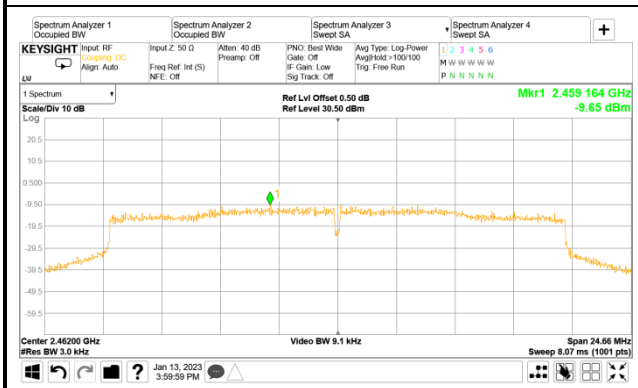
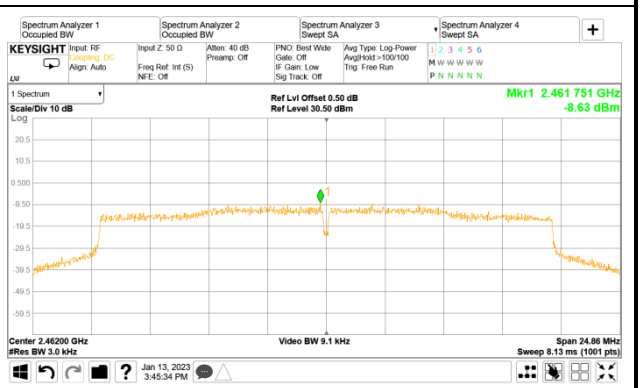
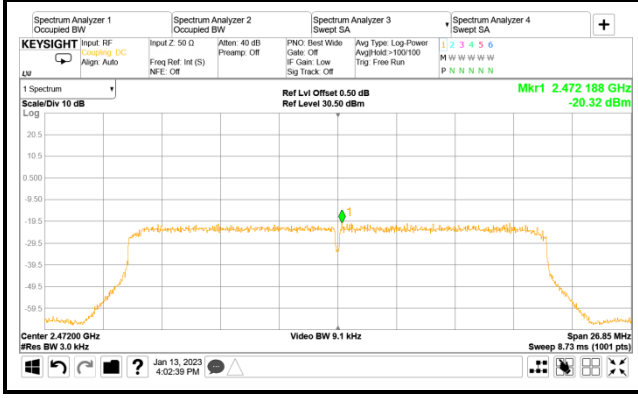
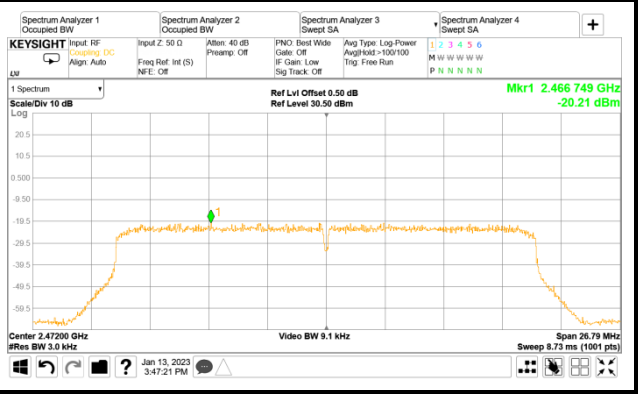
802.11ax-HE20	
AUX	Main
	
	
	
	

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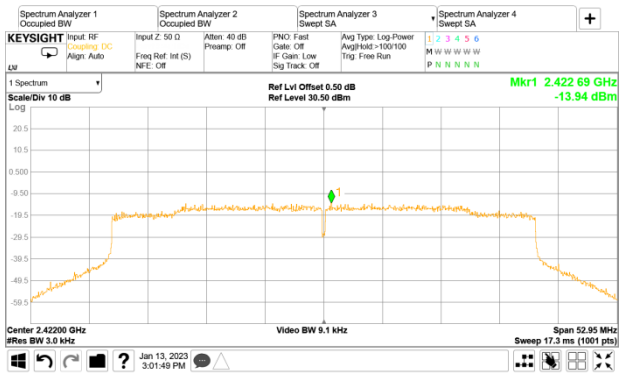
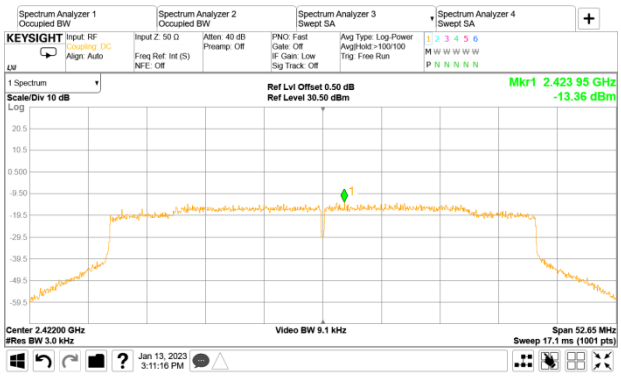
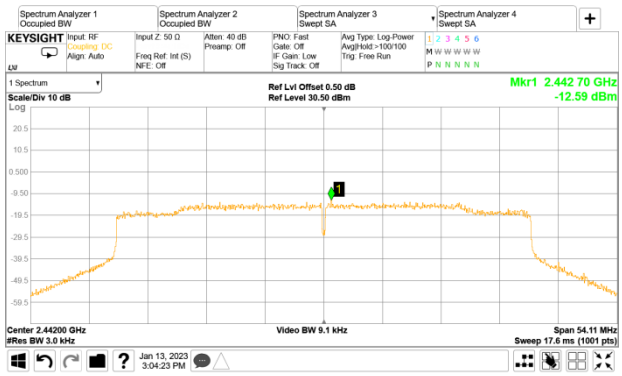
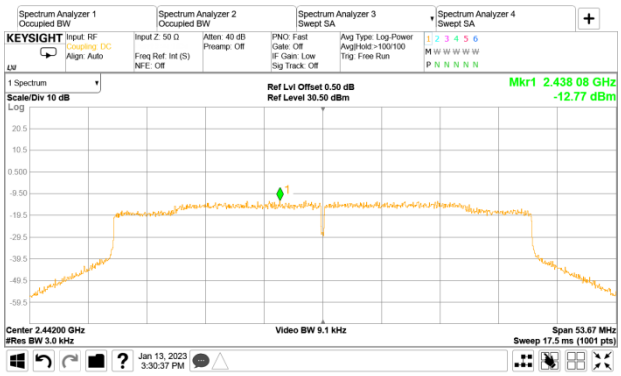
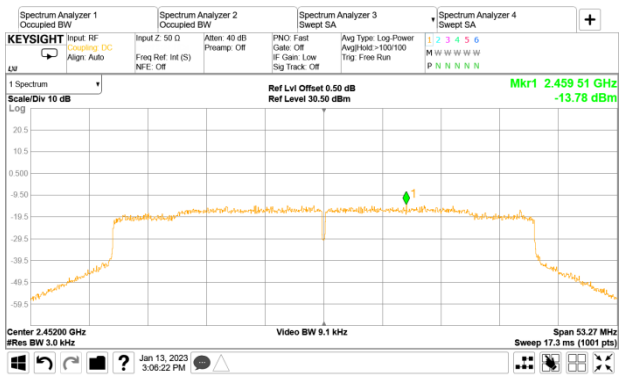
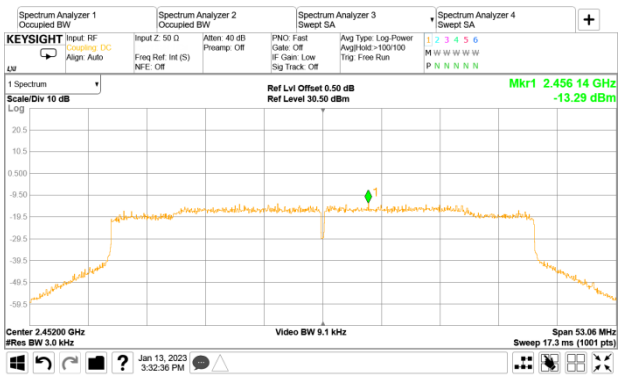
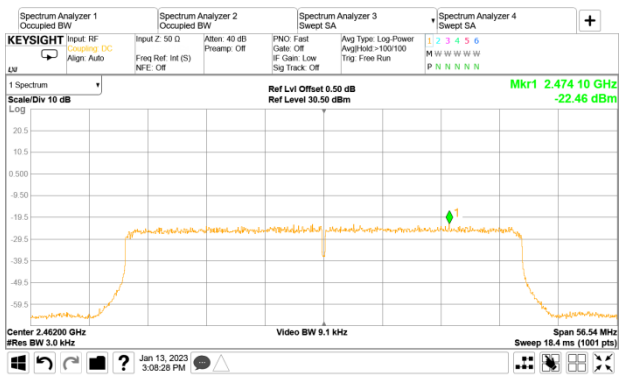
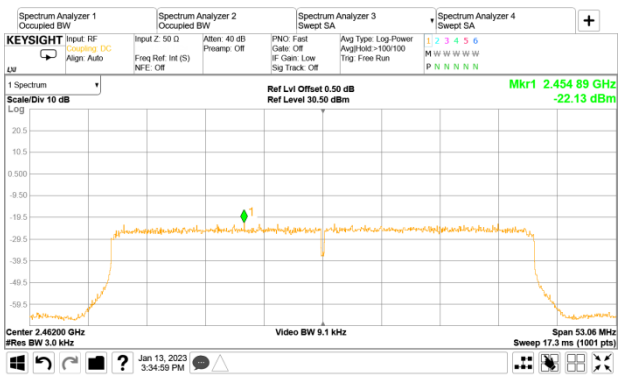
802.11ax-HE40	
AUX	Main
	
	
	
	

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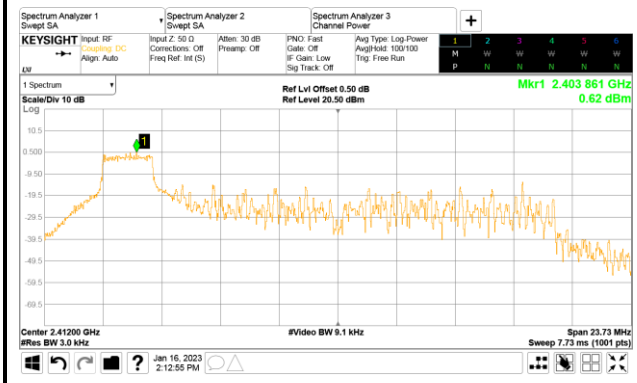
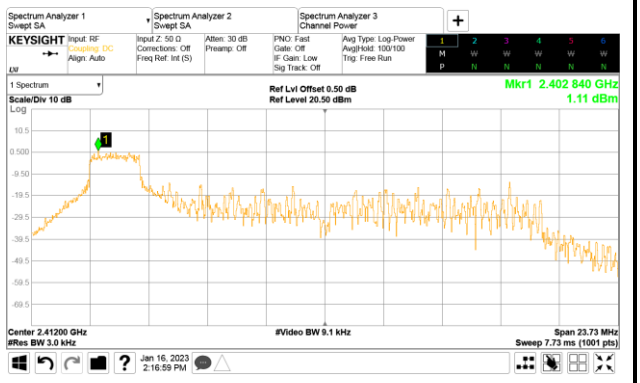
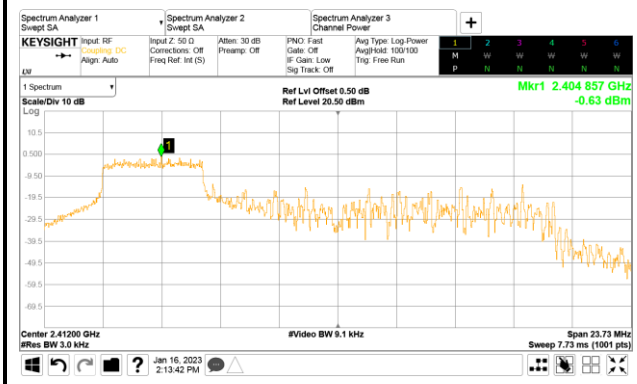
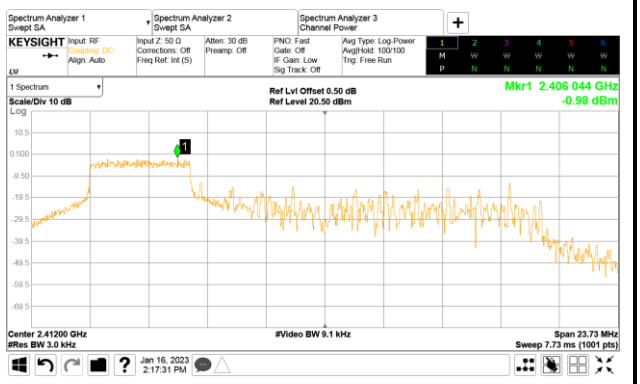
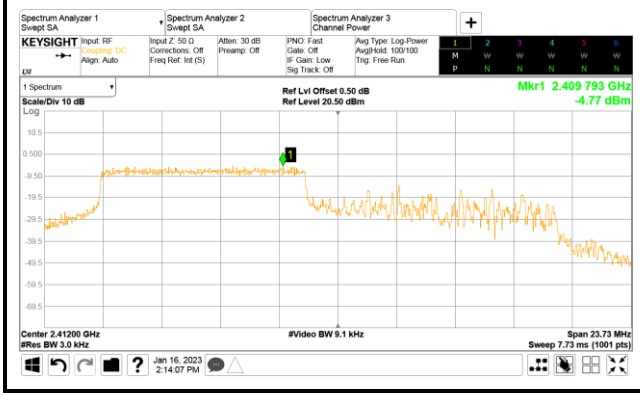
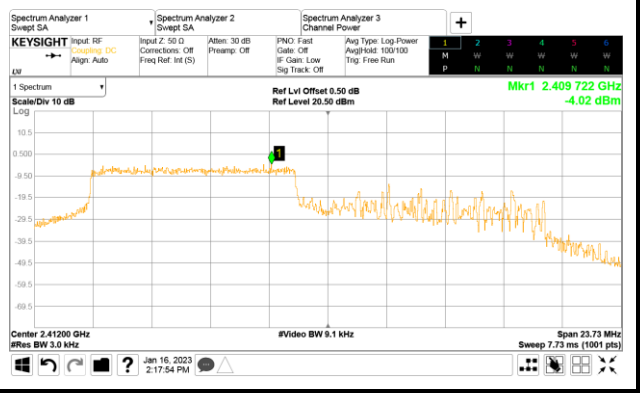
802.11ax-HE20	
AUX	Main
2412MHz	2412MHz
RU Configuration: 26/0	RU Configuration: 26/0
	
RU Configuration: 52/37	RU Configuration: 52/37
	
RU Configuration: 106/53	RU Configuration: 106/53
	

Note: All results have been included cable loss.

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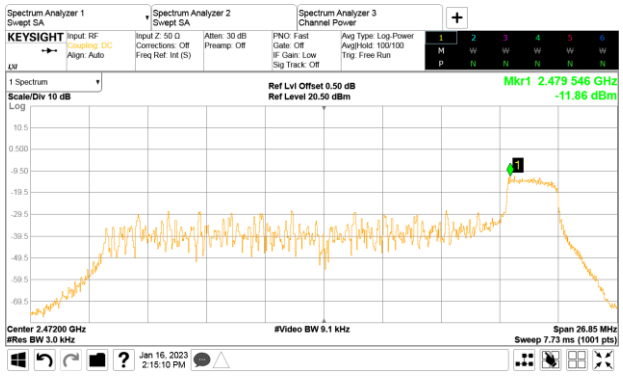
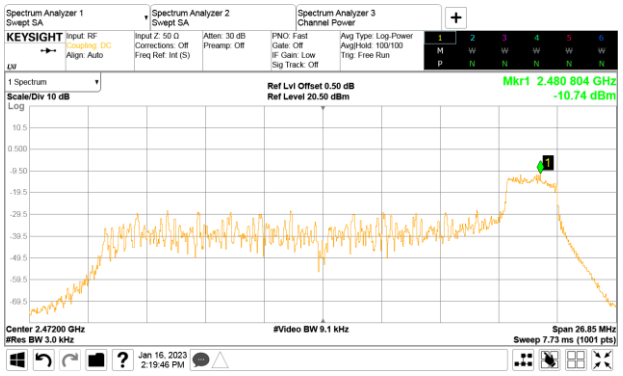
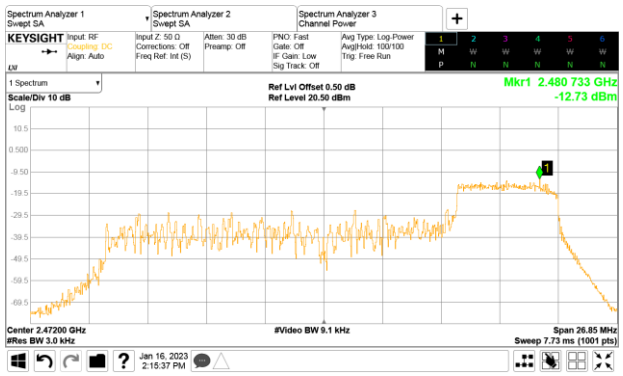
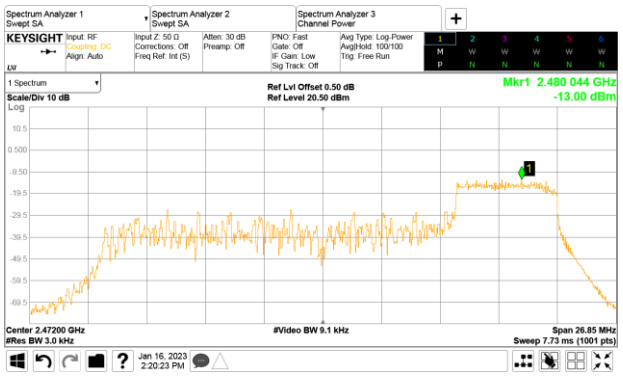
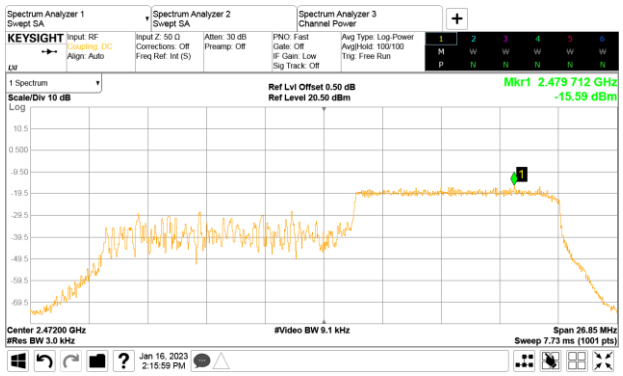
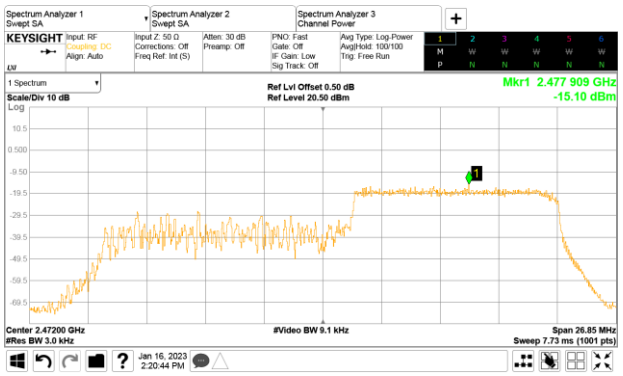
802.11ax-HE20	
AUX	Main
2472MHz	2472MHz
RU Configuration: 26/8	RU Configuration: 26/8
	
RU Configuration: 52/40	RU Configuration: 52/40
	
RU Configuration: 106/54	RU Configuration: 106/54
	

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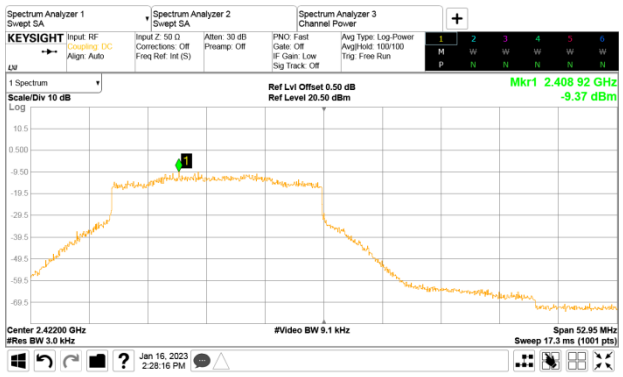
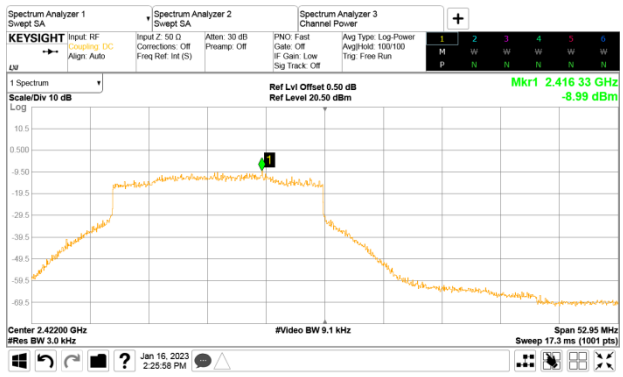
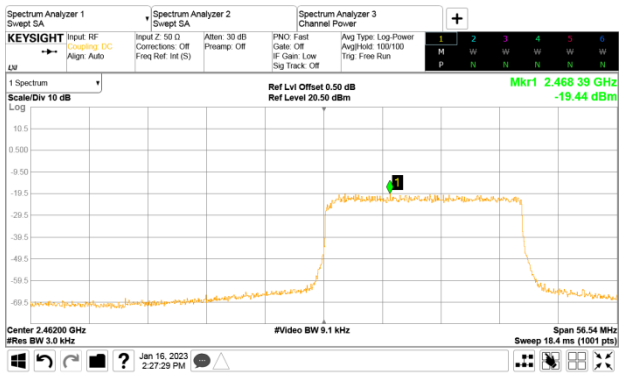
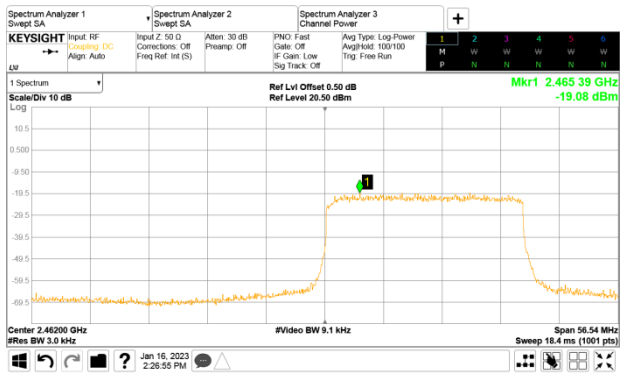
802.11ax-HE40	
AUX	Main
2422MHz	2422MHz
RU Configuration: 242/61	RU Configuration: 242/61
	
2462MHz	2462MHz
RU Configuration: 242/62	RU Configuration: 242/62
	

Note: All results have been included cable loss.

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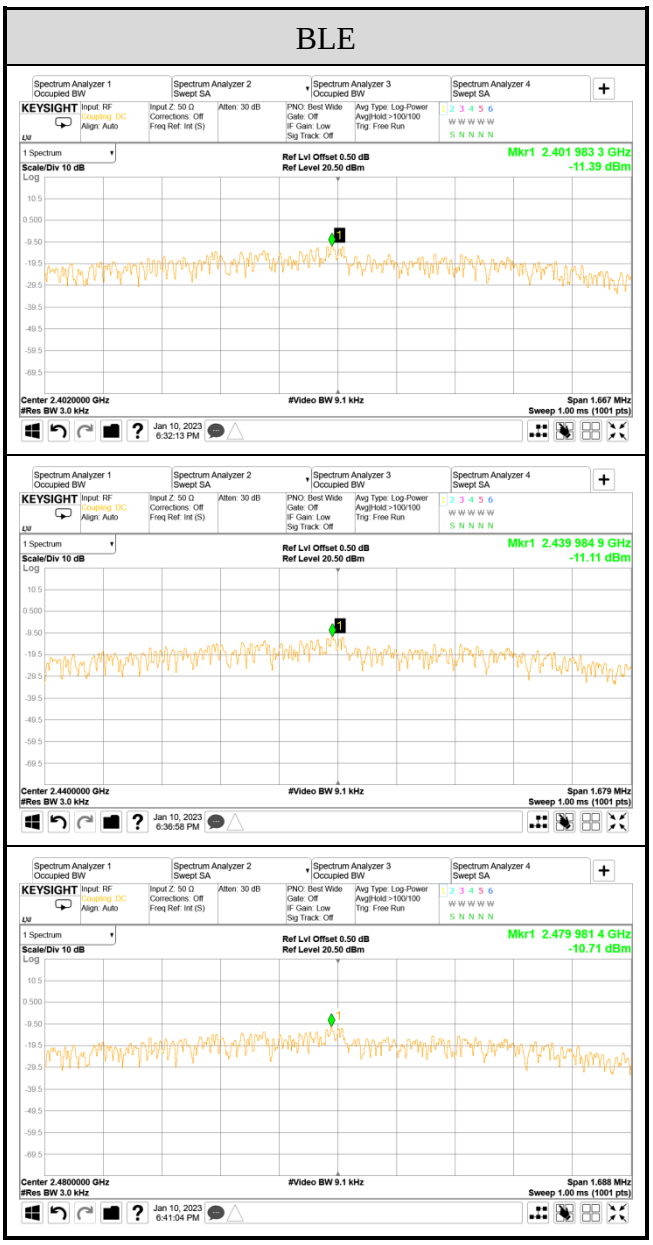
BLE



Note: All results have been included cable loss.