Audix Technology Corp.
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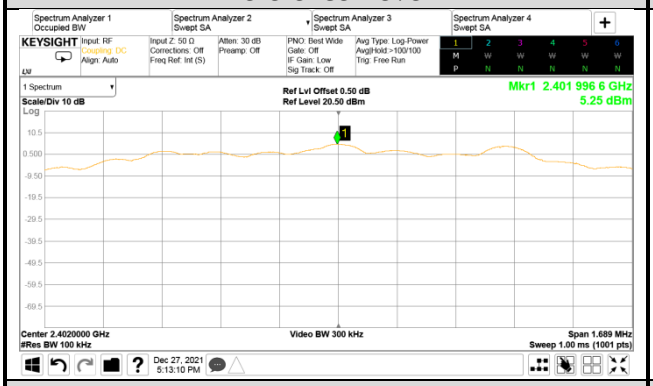
New Taipei City244, Taiwan

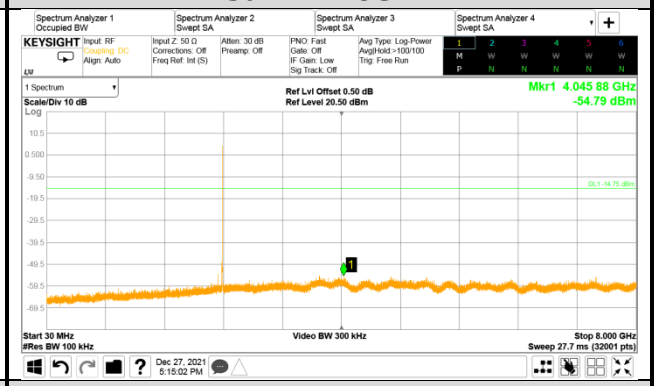
Tel: +886 2 26099301
Fax: +886 2 26099303

Test Date	2021/12/27	Temp./Hum.	14°C/70%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	BLE	Tested By	Kuper Hsu
Frequency	TX 2402MHz		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)			0

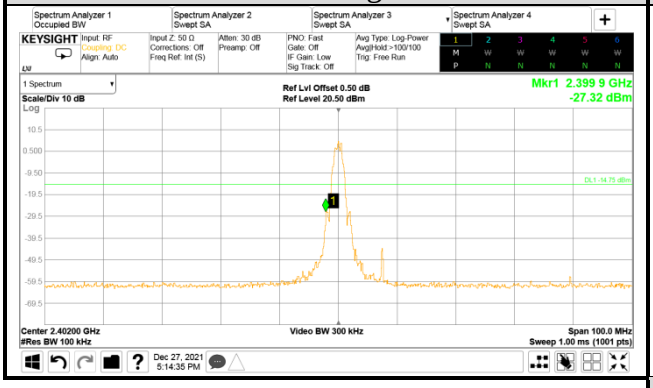
Reference Level



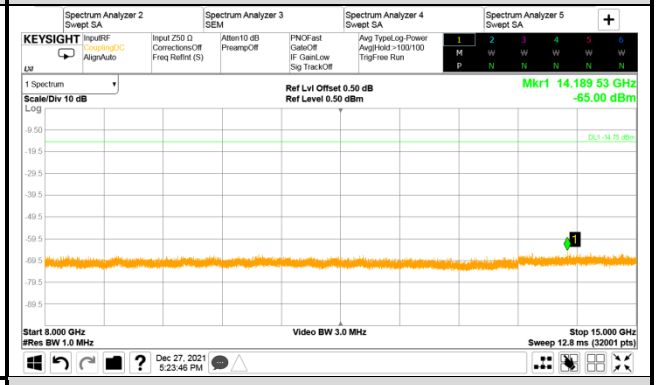
30MHz – 8GHz



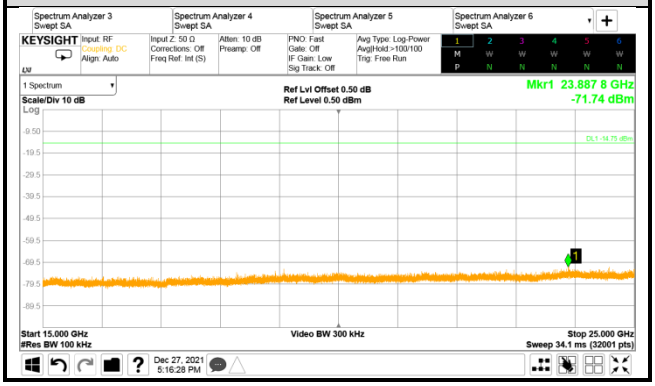
Band Edge



8GHz – 15GHz



15GHz – 25GHz



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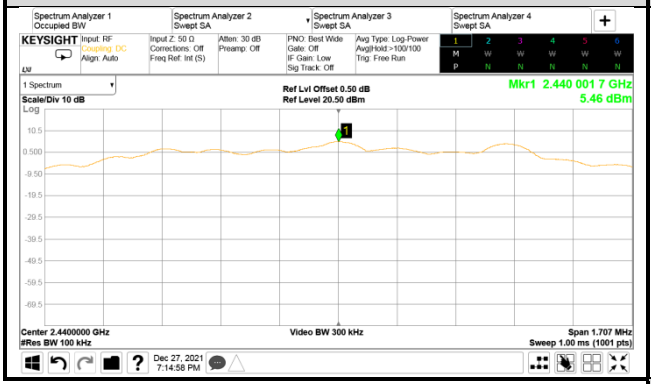
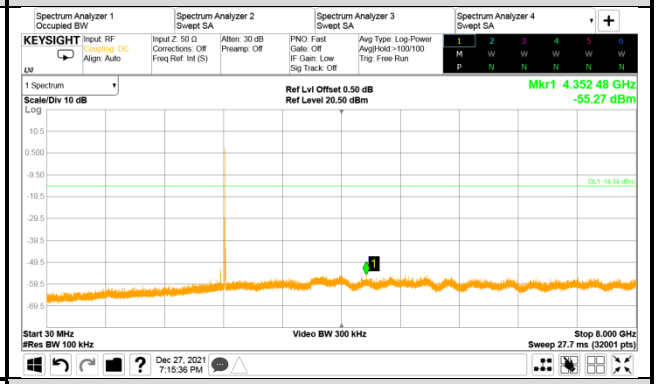
Test Date	2021/12/27	Temp./Hum.	14°C/70%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	BLE	Tested By	Kuper Hsu
Frequency	TX 2440MHz		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)			0

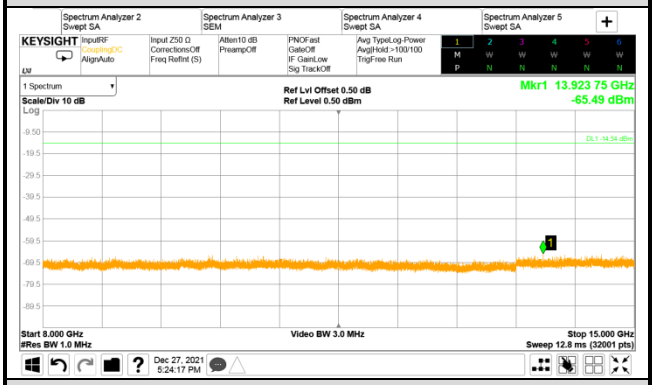
Reference Level



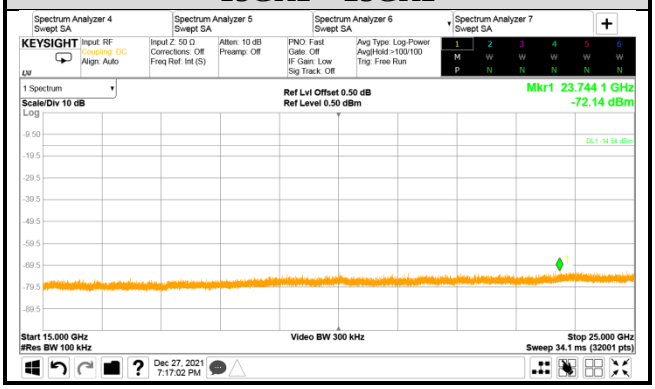
30MHz – 8GHz



8GHz – 15GHz



15GHz – 25GHz



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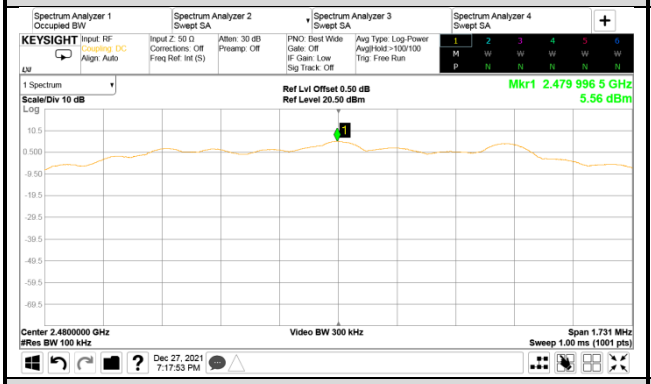
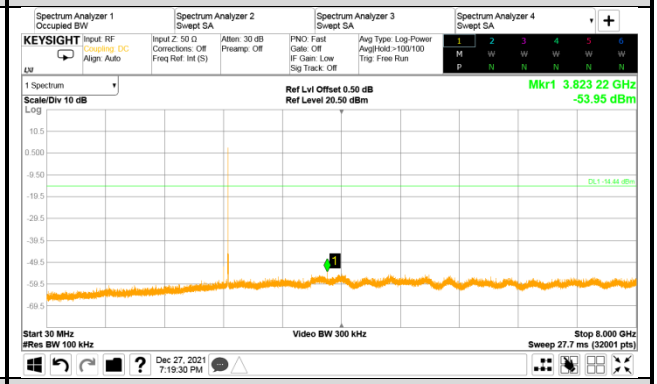
Test Date	2021/12/27	Temp./Hum.	14°C/70%
Cable Loss	0.50dB	Test Voltage	AC 120V, 60Hz (via AC Adapter)
Mode	BLE	Tested By	Kuper Hsu
Frequency	TX 2480MHz		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)			0

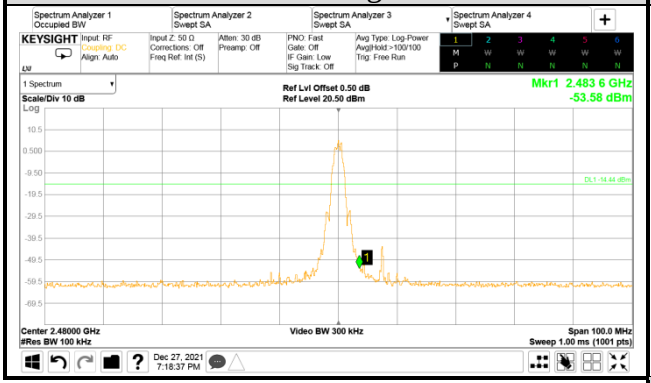
Reference Level



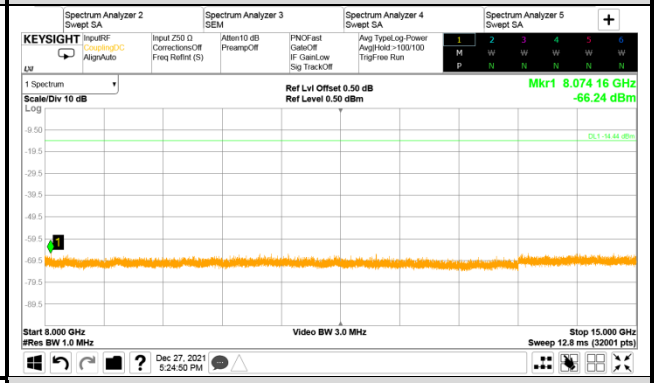
30MHz – 8GHz



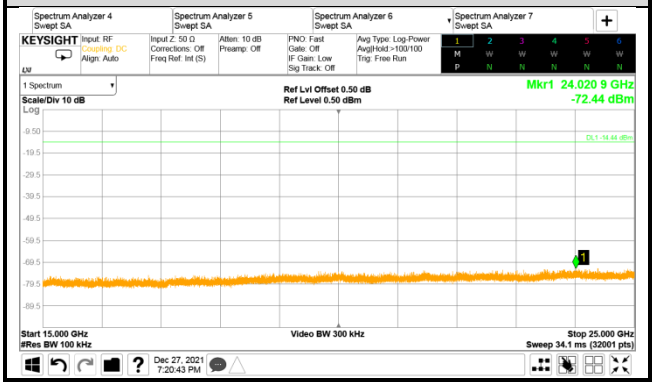
Band Edge



8GHz – 15GHz



15GHz – 25GHz



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A.6 POWER SPECTRAL DENSITY

Test Date	2021/12/27 ~ 29	Temp./Hum.	14~16°C/64~70%
Cable Loss	0.50dB	Tested By	Kuper Hsu
Test Voltage	AC 120V, 60Hz (via AC Adapter)		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)			802.11b/g/BLE: 0, 802.11n-HT20/40: 3, 802.11ax-HE20/40: 3

A.6.1 Power Spectral Density Result

Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11b	2412	-2.38	<8 dBm/3kHz
	2442	-2.43	
	2462	-2.36	
	2472	-6.45	
802.11g	2412	-6.69	
	2442	-3.86	
	2462	-6.67	
	2472	-12.61	
802.11n-HT20	2412	-4.84	
	2442	0.56	
	2462	-5.68	
	2472	-13.55	
802.11n-HT40	2422	-9.10	
	2442	-8.32	
	2452	-9.04	
	2462	-15.03	
802.11ax-HE20	2412	-5.84	
	2442	-1.44	
	2462	-6.52	
	2472	-14.82	
802.11ax-HE40	2422	-9.66	
	2442	-8.51	
	2452	-9.89	
	2462	-15.97	

Note: All results have been included cable loss and Simultaneous Factor.

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Mode	RU Configuration	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11ax-HE20	26/0	2412	5.25	<8 dBm/3kHz
	52/37		3.10	
	106/53		0.26	
	26/8	2472	-6.94	
	52/40		-9.18	
	106/54		-12.47	
802.11ax-HE40	242/61	2422	-5.18	
	242/62	2462	-14.61	

Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
BLE	2402	-12.15	<8 dBm/3kHz
	2440	-11.89	
	2480	-11.27	

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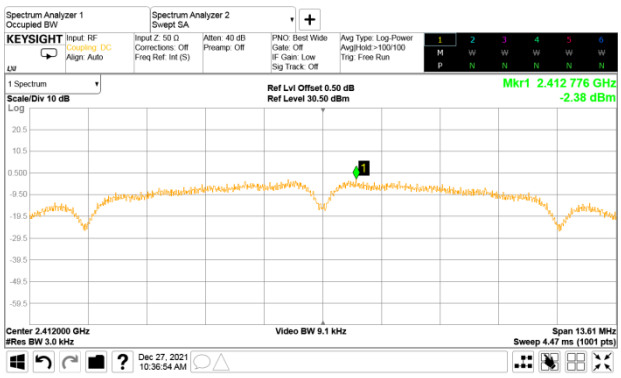
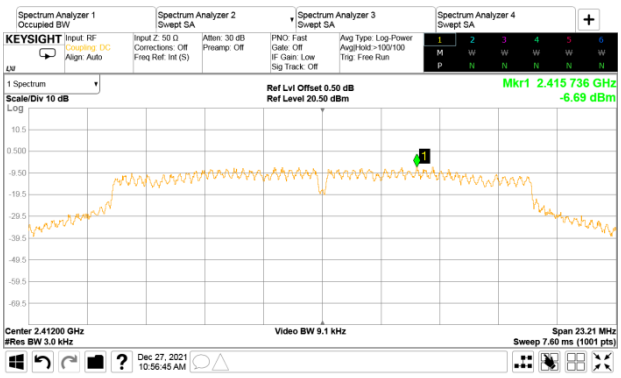
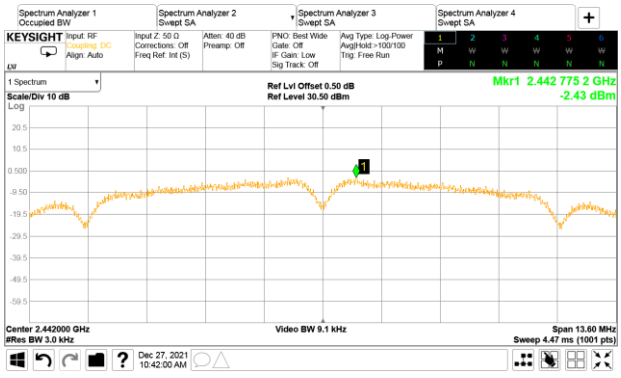
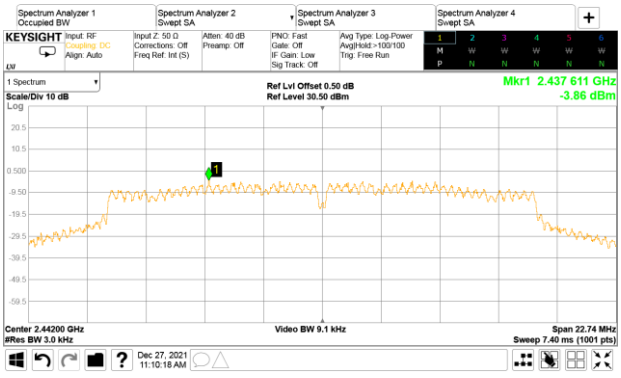
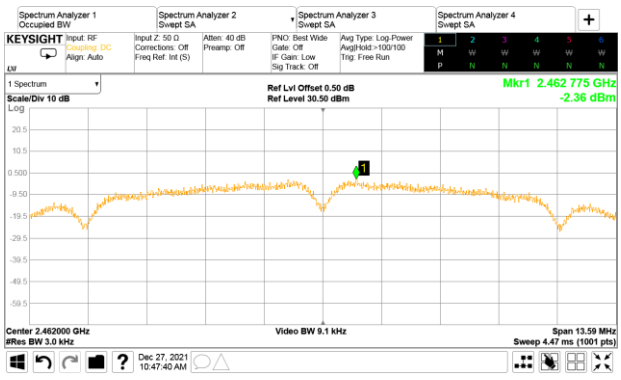
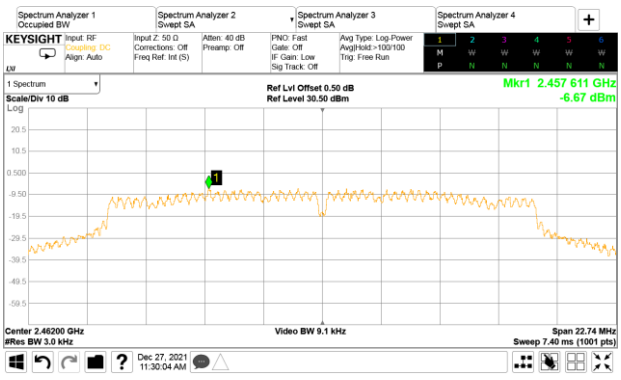
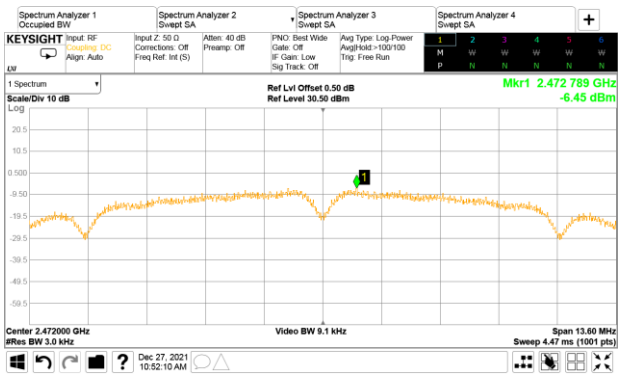
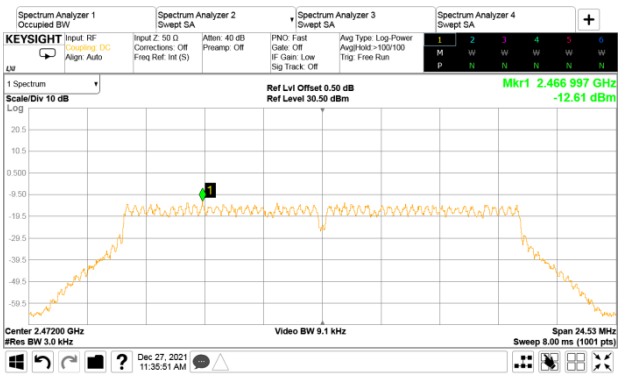
A.6.2 Measurement Plots

802.11b	802.11g
	
	
	
	

Note: All results have been included cable loss and Simultaneous Factor.

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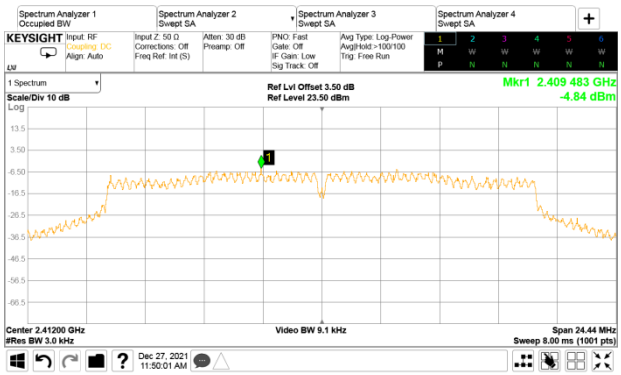
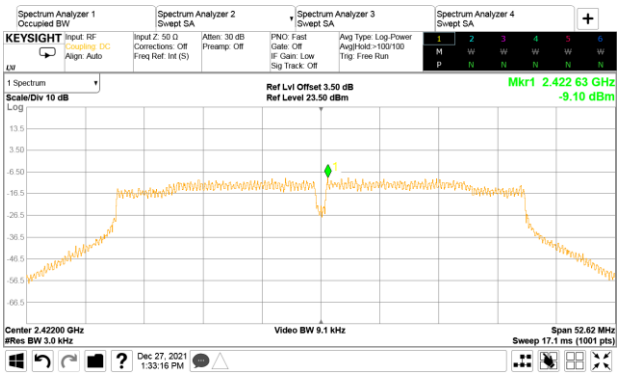
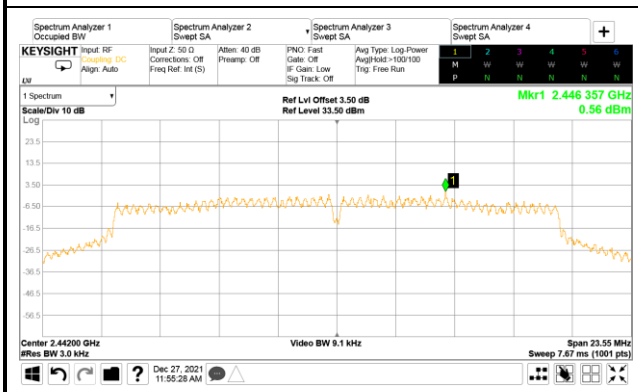
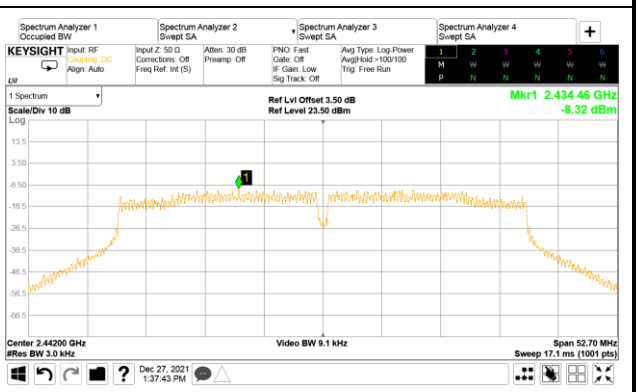
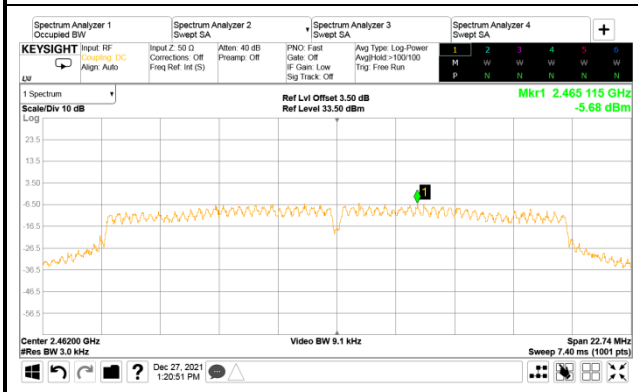
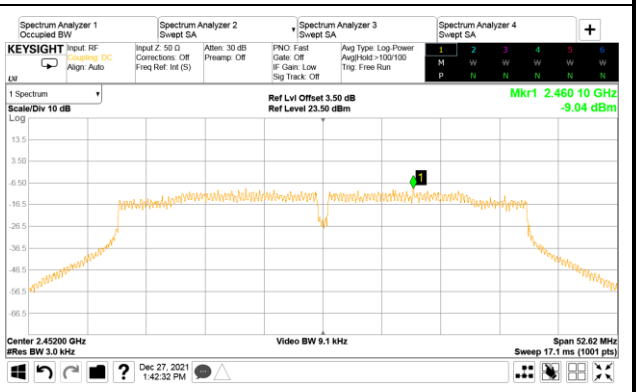
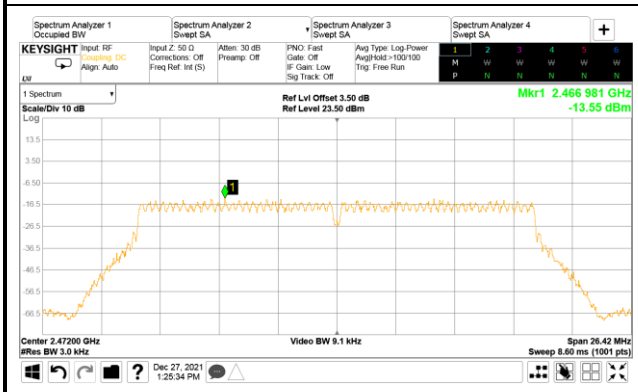
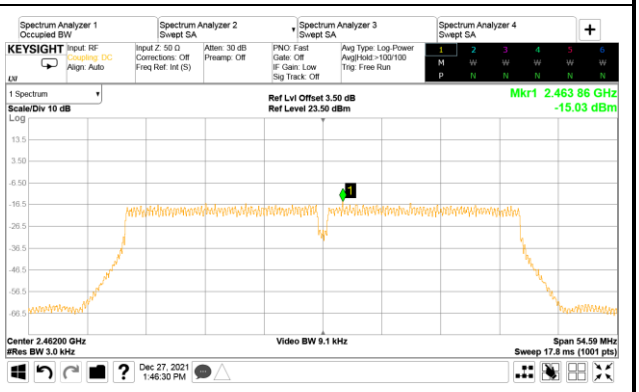
802.11n-HT20	802.11n-HT40
	
	
	
	

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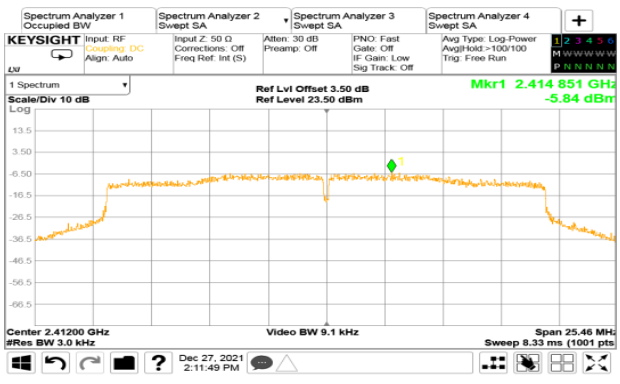
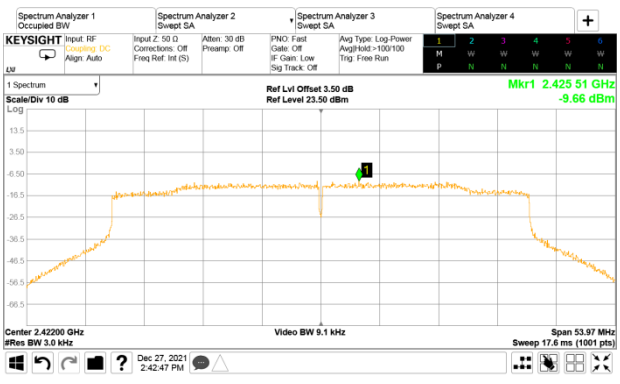
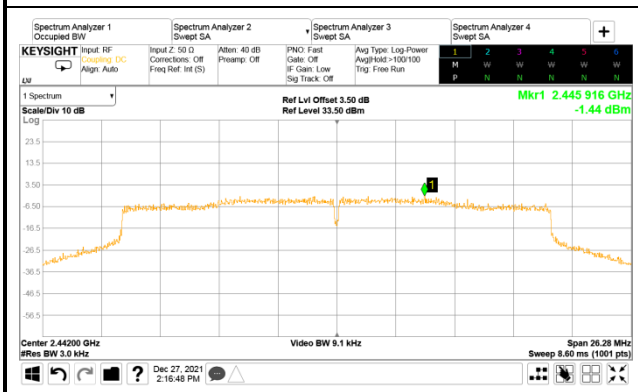
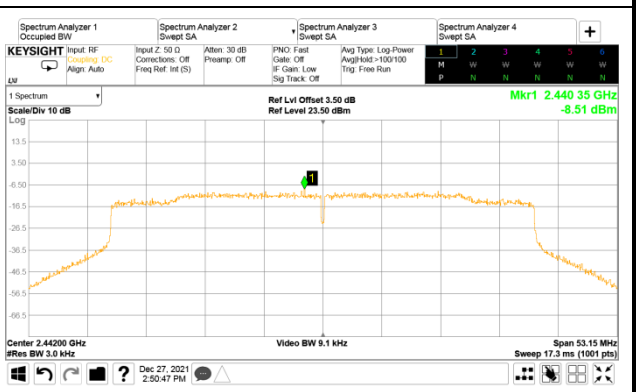
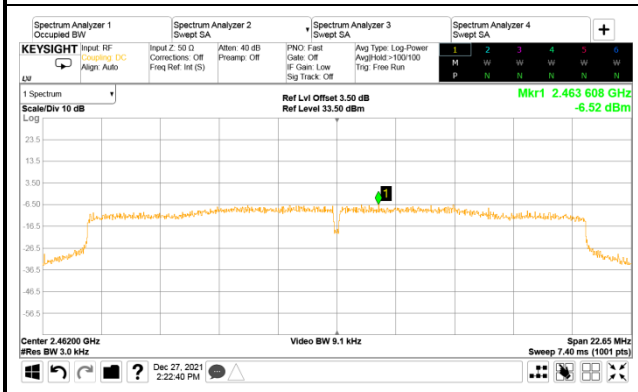
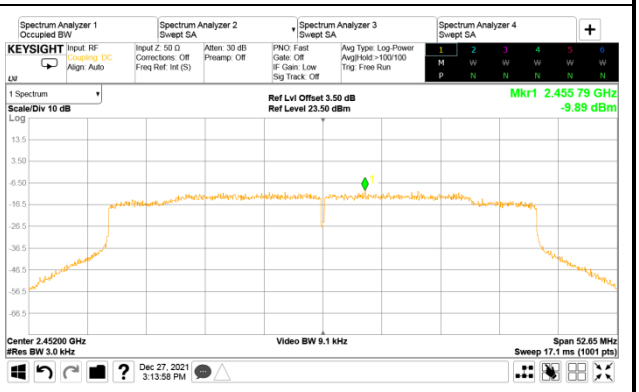
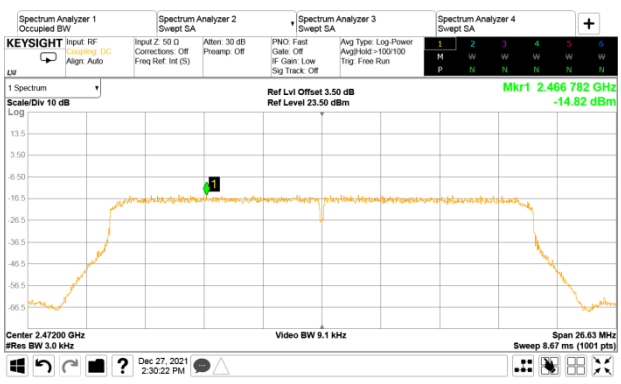
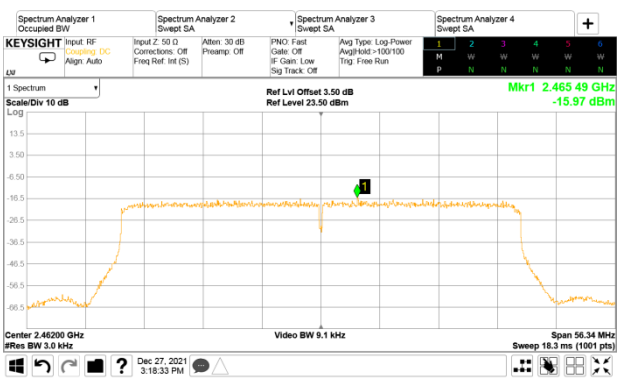
802.11ax-HE20	802.11ax-HE40
	
	
	
	

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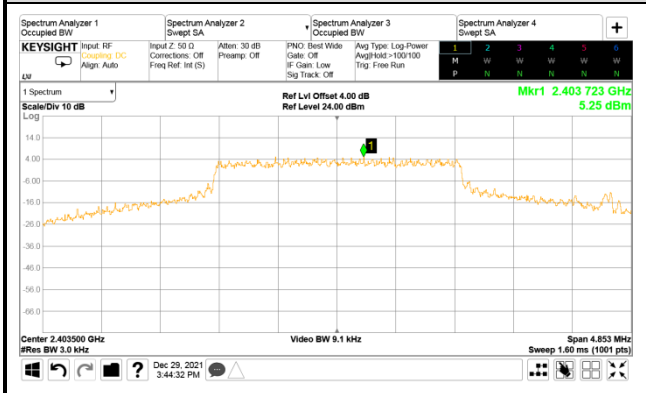
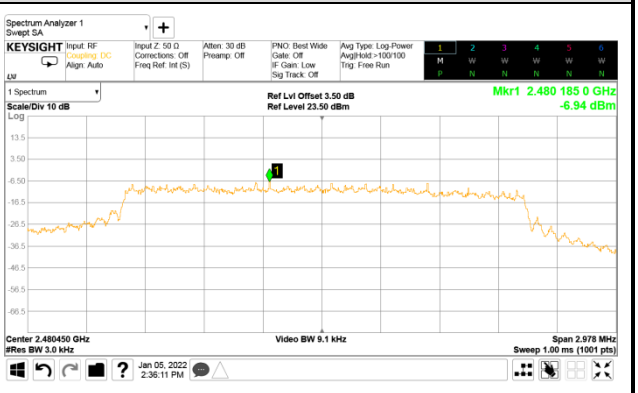
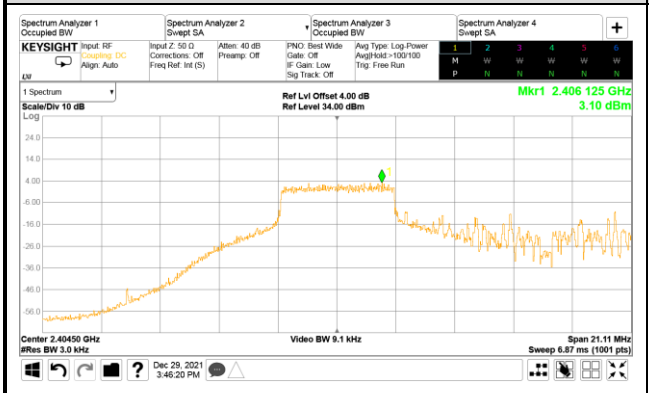
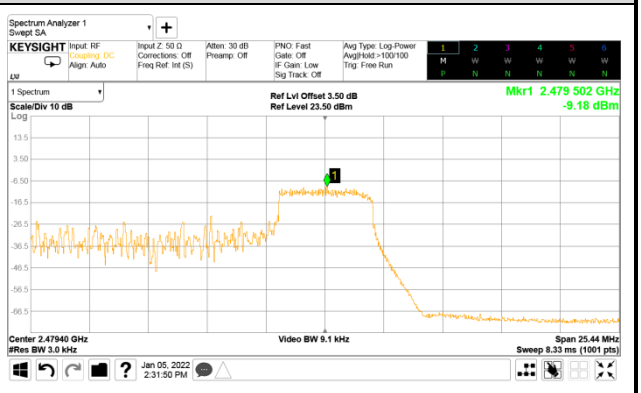
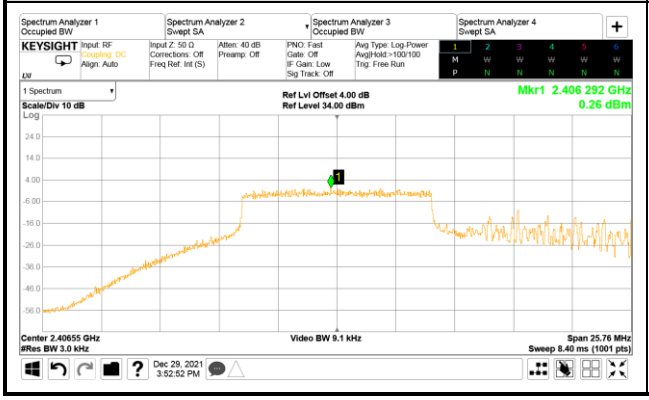
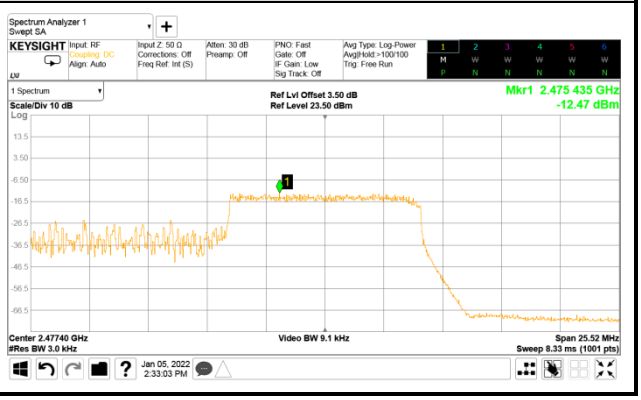
802.11ax-HE20	
2412MHz	2472MHz
26/0	26/8
	
52/37	52/40
	
106/53	106/54
	

Note: All results have been included cable loss and Simultaneous Factor.

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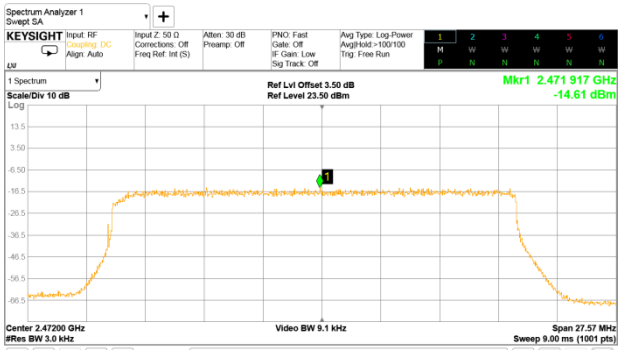
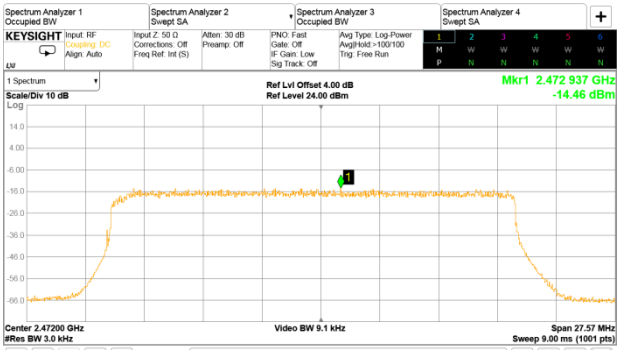
802.11ax-HE40	
2422MHz	2462MHz
242/61	242/62
	

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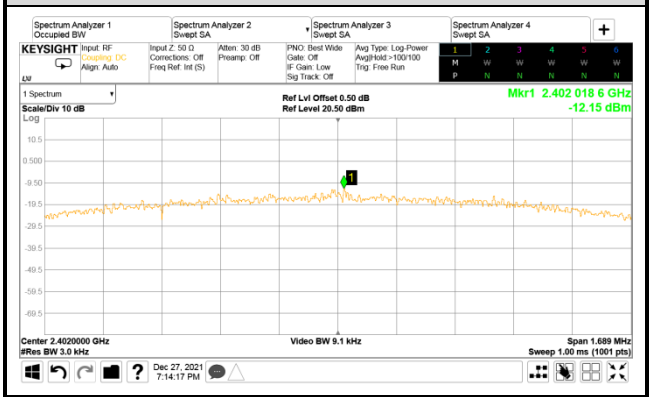
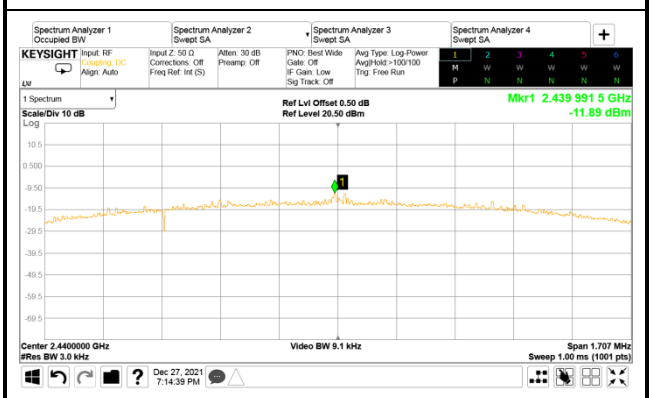
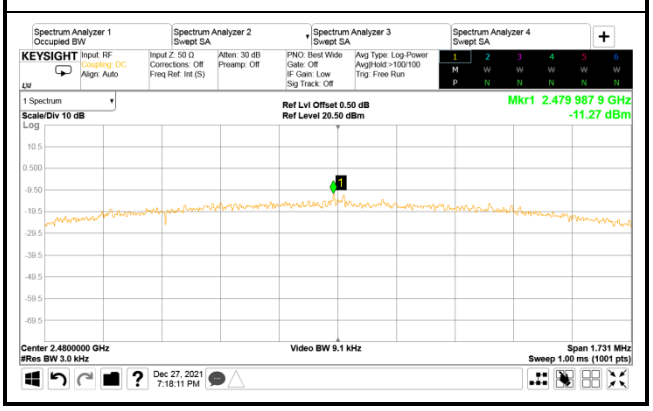
BLE







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