Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

A.3 DTS/OCCUPIED BANDWIDTH

Test Date	2021/12/27 ~ 29, 2022/02/21	Temp./Hum.	14~16°C/64~74%
Cable Loss	0.5dB	Tested By	Kuper Hsu
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

A.3.1 DTS/Occupied Bandwidth Result

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
802.11b	2412	9.075	13.487	>500kHz
	2442	9.067	13.450	
	2462	9.059	13.467	
	2472	9.064	13.367	
802.11g	2412	15.47	17.110	
	2442	15.16	17.095	
	2462	15.16	17.059	
	2472	16.35	16.586	
802.11n-HT20	2412	16.29	17.977	
	2442	15.70	17.909	
	2462	15.16	17.869	
	2472	17.61	17.663	
802.11n-HT40	2422	35.08	35.959	
	2442	35.13	36.004	
	2452	35.08	36.000	
	2462	36.39	36.257	
802.11ax-HE20	2412	16.97	19.018	
	2442	17.52	19.038	
	2462	15.10	18.995	
	2472	17.75	18.986	
802.11ax-HE40	2422	35.98	37.540	
	2442	35.43	37.575	
	2452	35.10	37.539	
	2462	37.56	37.650	

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	RU Configuration	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
802.11ax-HE20	26/0	2412	3.235	18.880	>500kHz
	52/37		17.04	18.650	
	106/53		17.17	18.428	
	26/8	2472	1.985	18.281	
	52/40		16.96	18.151	
	106/54		17.01	18.122	
802.11ax-HE40	242/61	2422	13.93	19.044	
	242/62	2462	18.38	18.800	

Mode	Centre Frequency (MHz)	DTS (6dB) Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE (1M)	2402	0.6713	1.0604	>500kHz
	2440	0.6785	1.0602	
	2480	0.6848	1.0592	
BLE (2M)	2402	1.126	2.0583	>500kHz
	2440	1.138	2.0567	
	2480	1.154	2.0543	
BLE (PHY Coded S2)	2402	0.6761	1.0724	>500kHz
	2440	0.6671	1.0690	
	2480	0.6858	1.0688	
BLE (PHY Coded S8)	2402	0.6086	1.0579	>500kHz
	2440	0.6105	1.0516	
	2480	0.6137	1.0516	

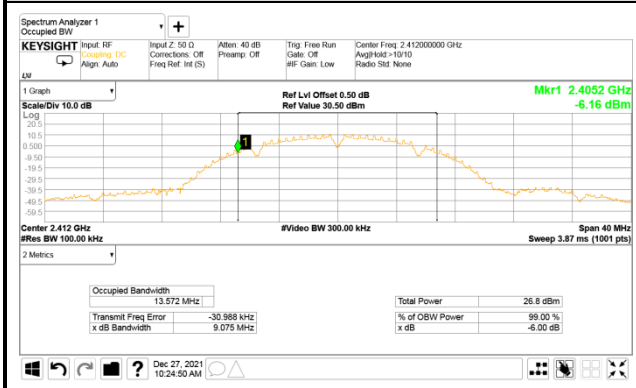
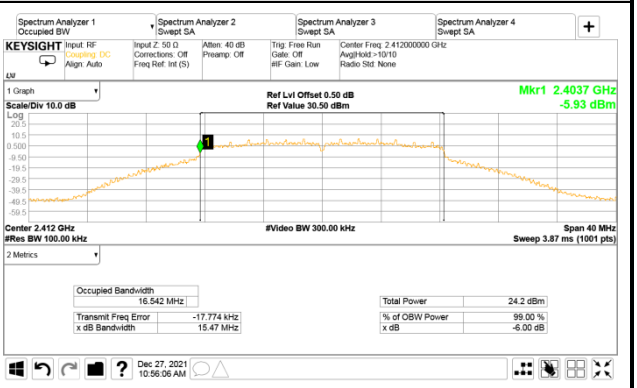
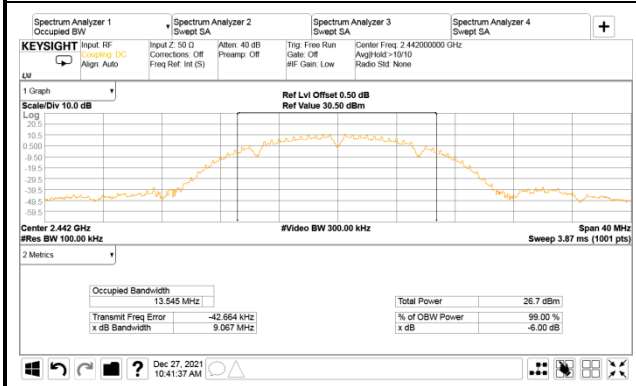
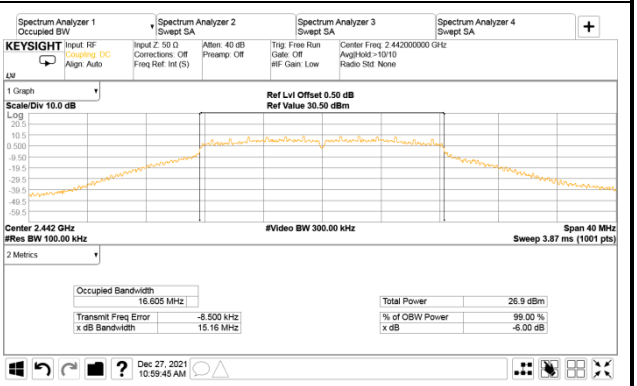
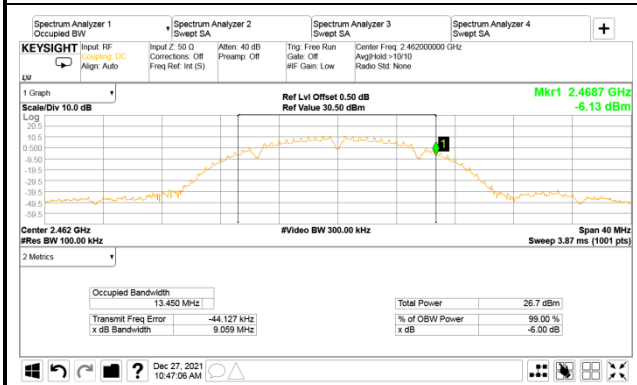
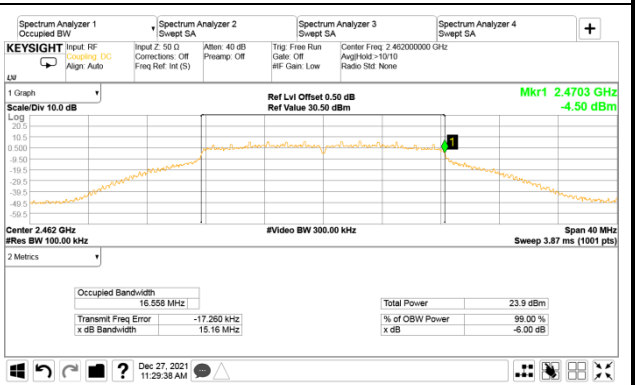
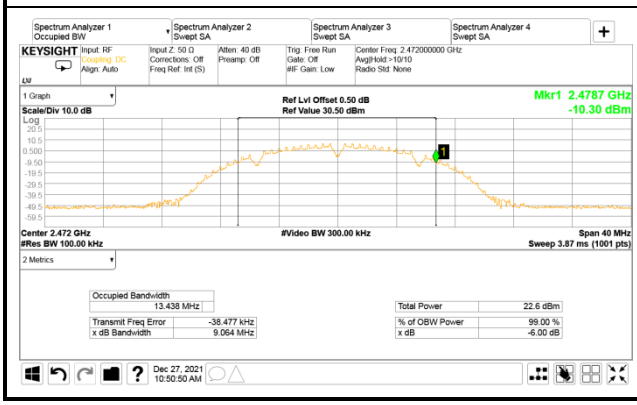
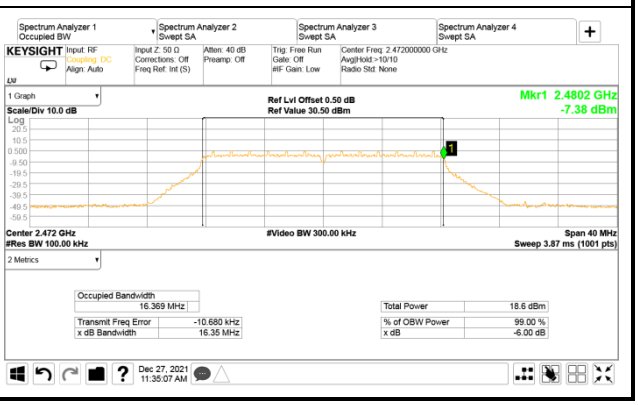
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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

A.3.2 Measurement Plots

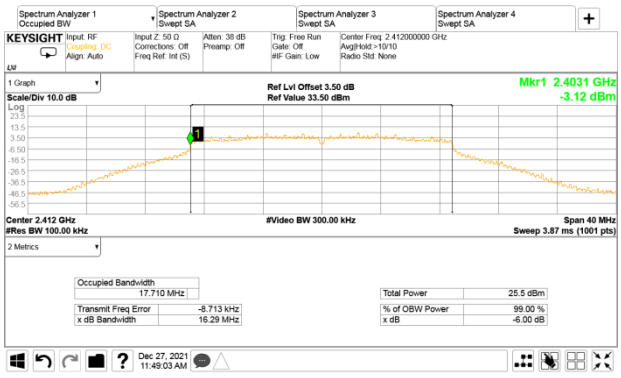
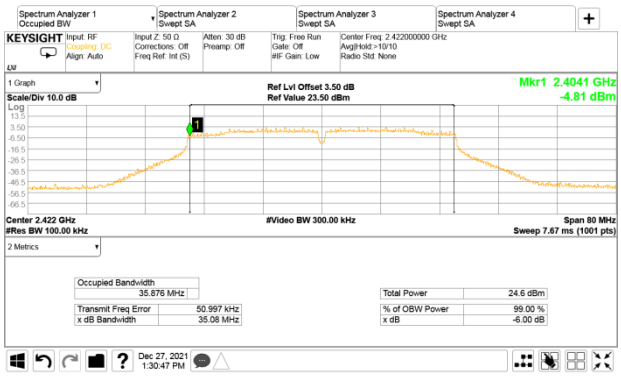
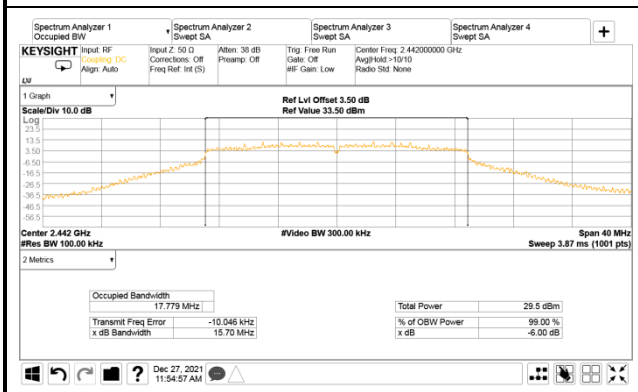
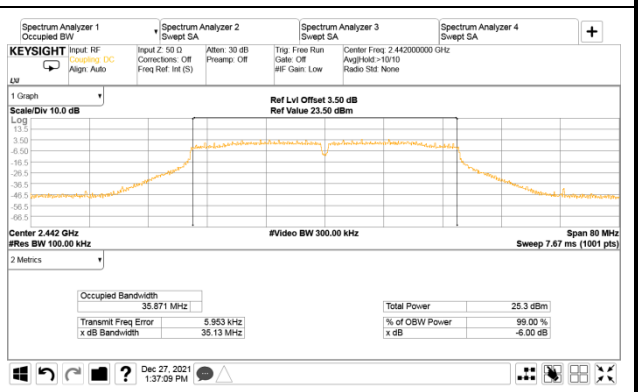
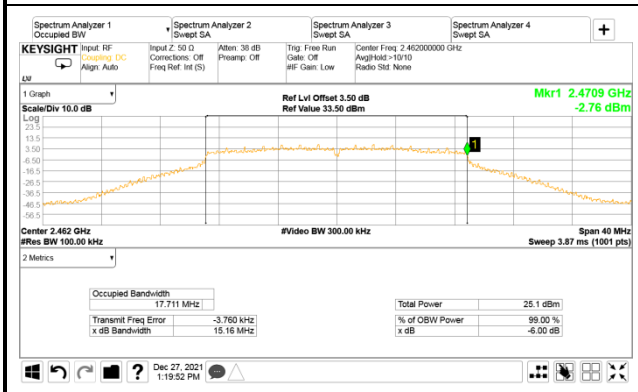
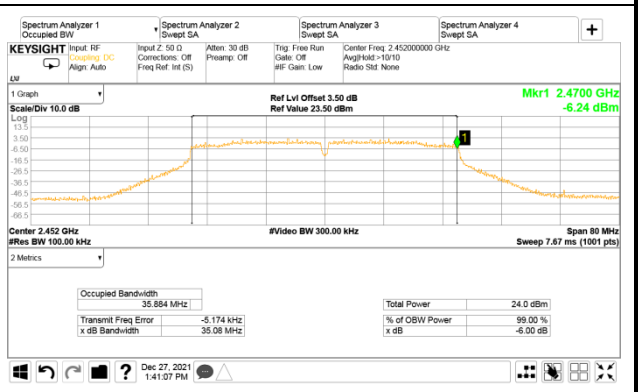
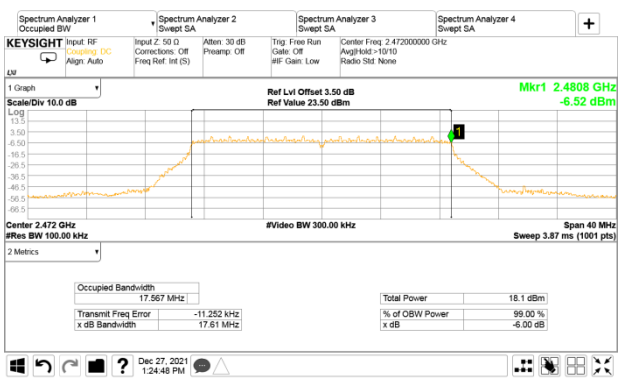
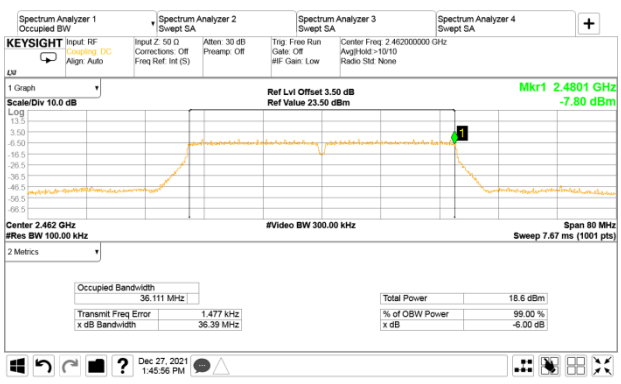
- DTS (6dB) Bandwidth

802.11b	802.11g
	
	
	
	

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

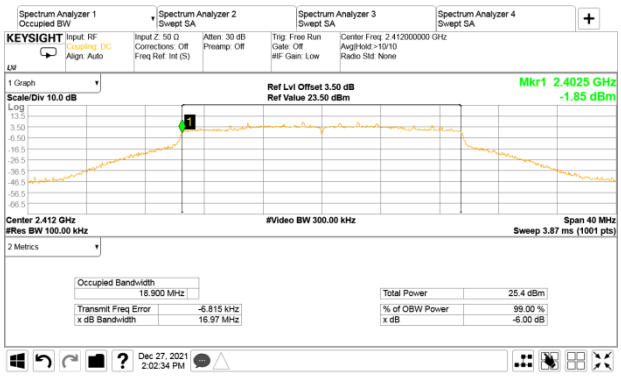
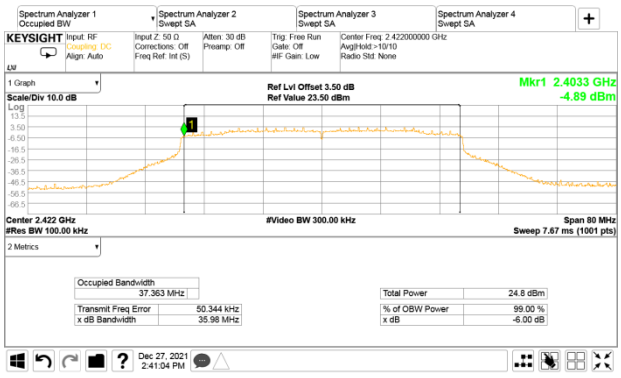
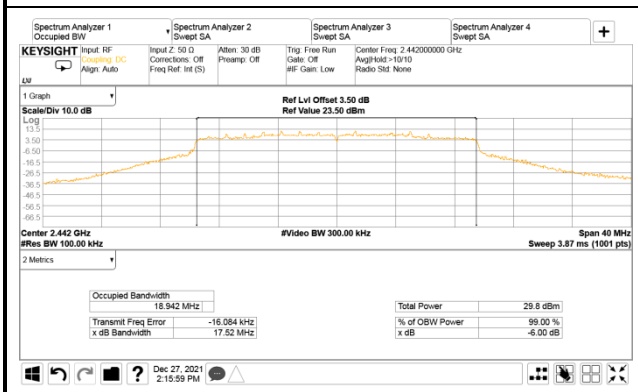
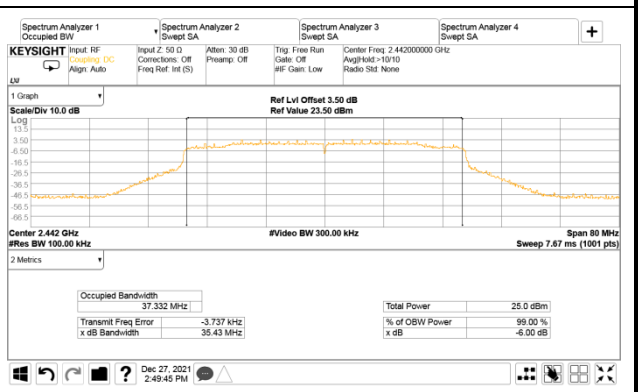
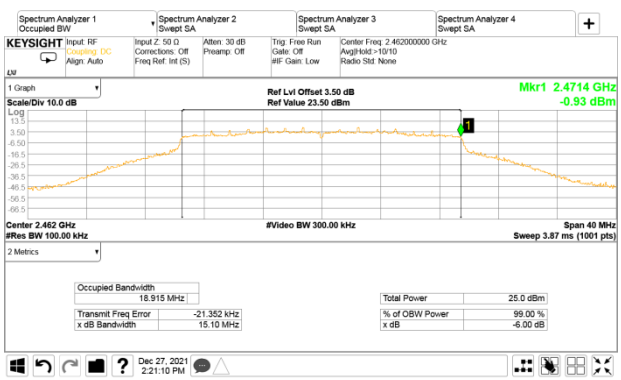
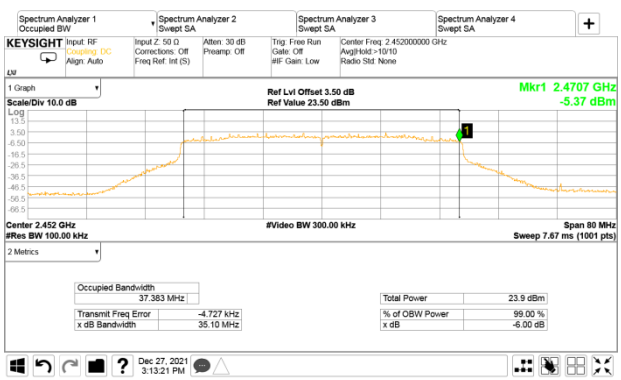
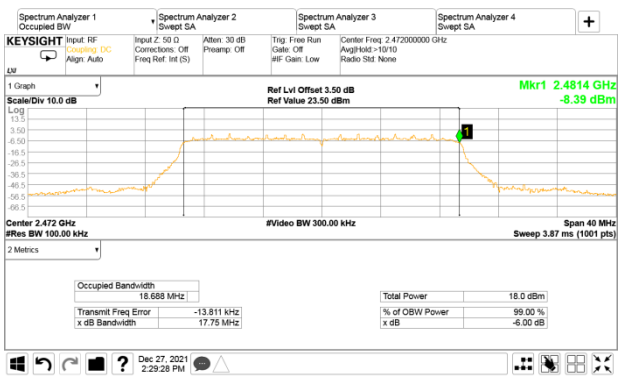
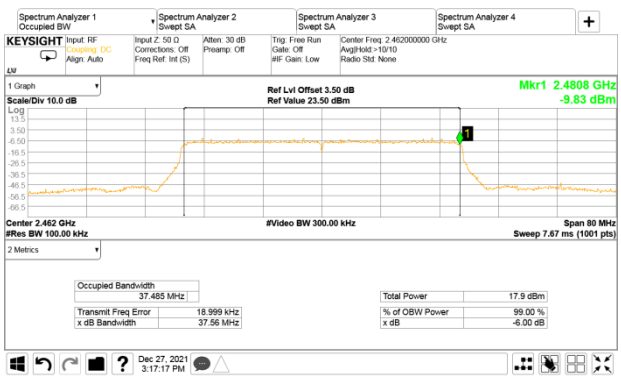
Tel: +886 2 26099301
Fax: +886 2 26099303

802.11n-HT20	802.11n-HT40
	
	
	
	

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

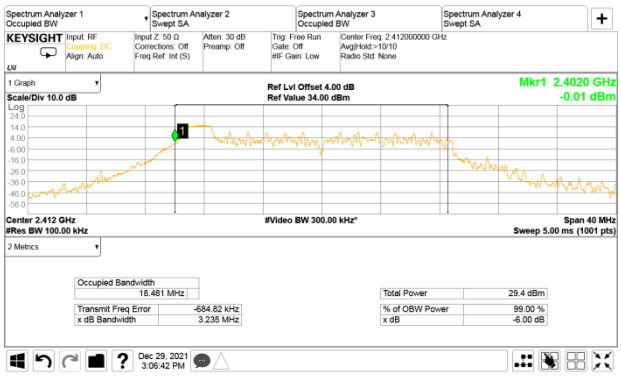
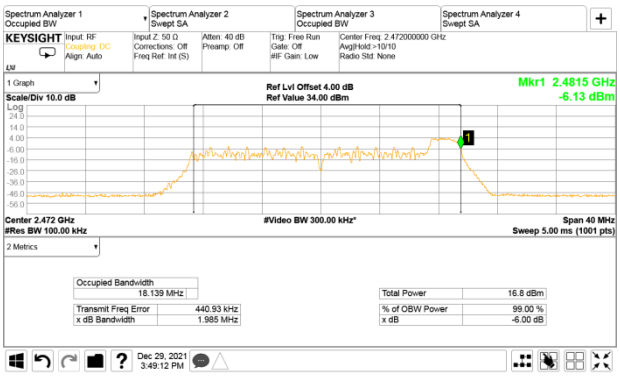
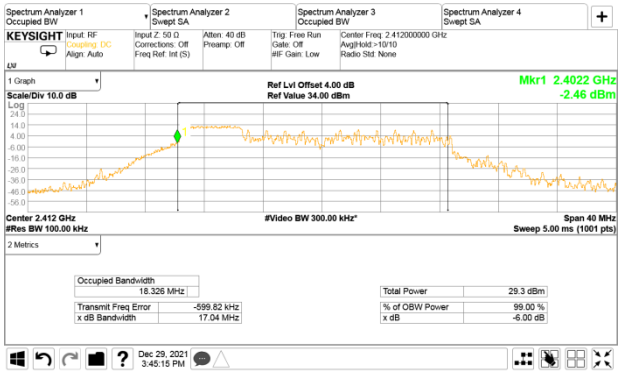
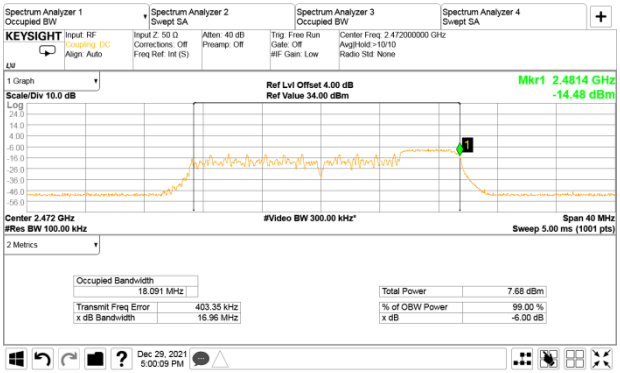
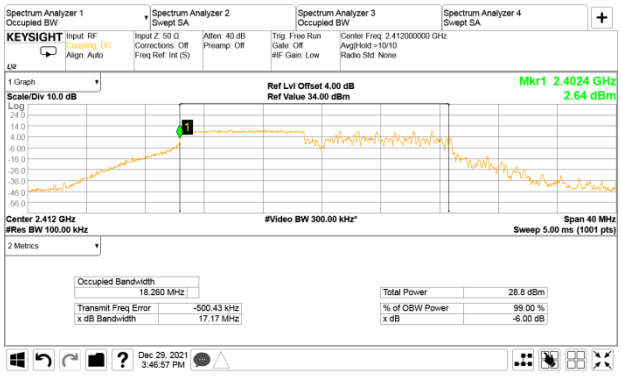
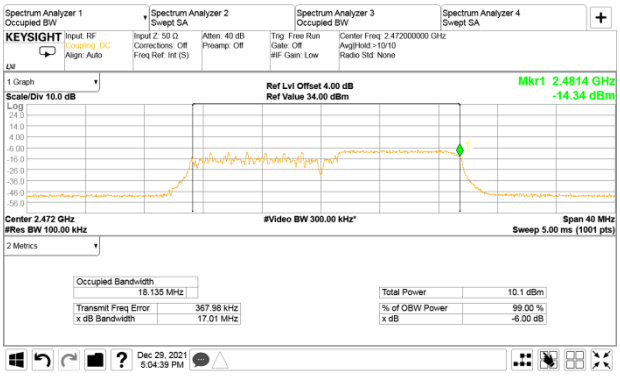
Tel: +886 2 26099301
Fax: +886 2 26099303

802.11ax-HE20	802.11ax-HE40
	
	
	
	

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

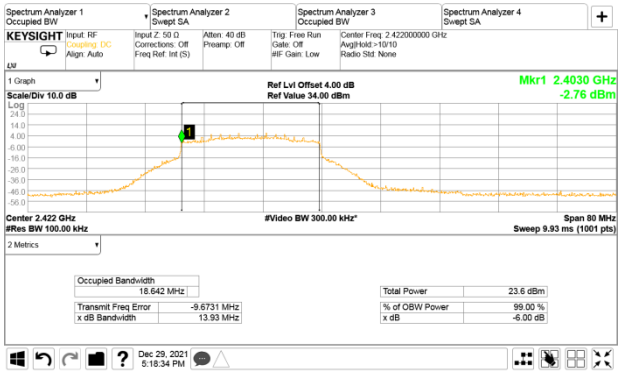
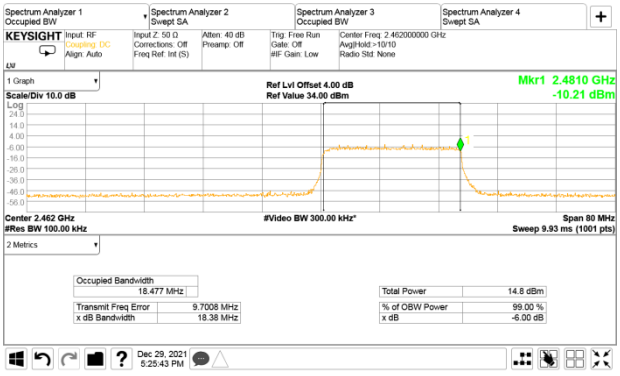
Tel: +886 2 26099301
Fax: +886 2 26099303

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

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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

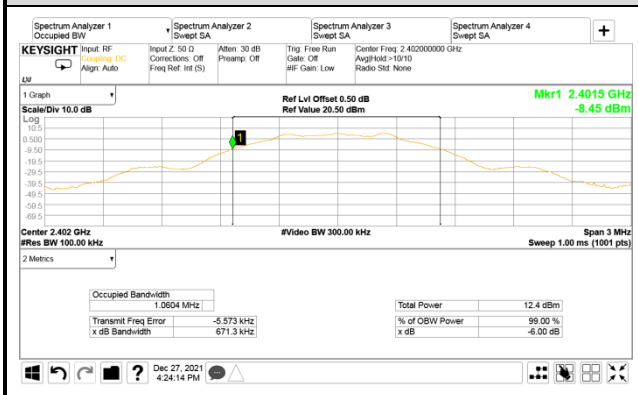
802.11ax-HE40	
2422MHz	2462MHz
RU Configuration: 242/61	RU Configuration: 242/62
	

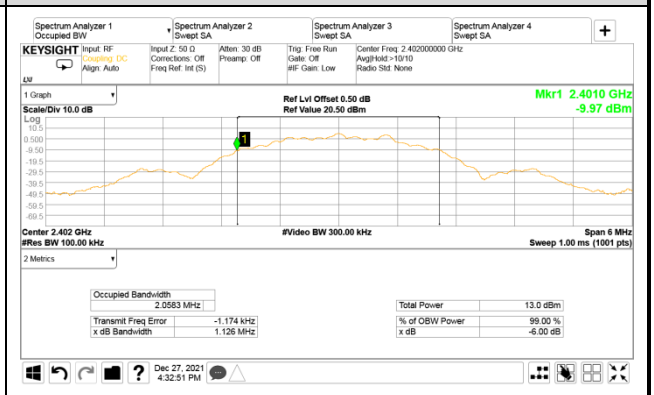
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

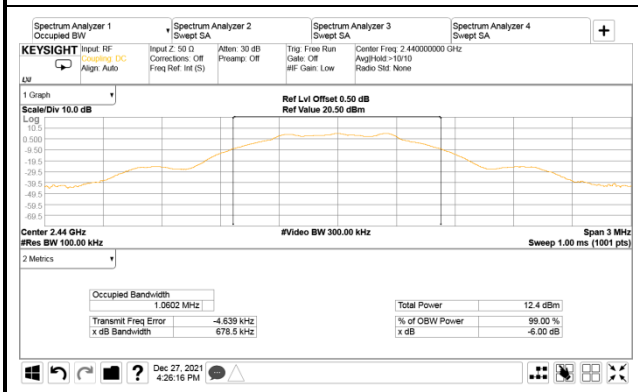
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

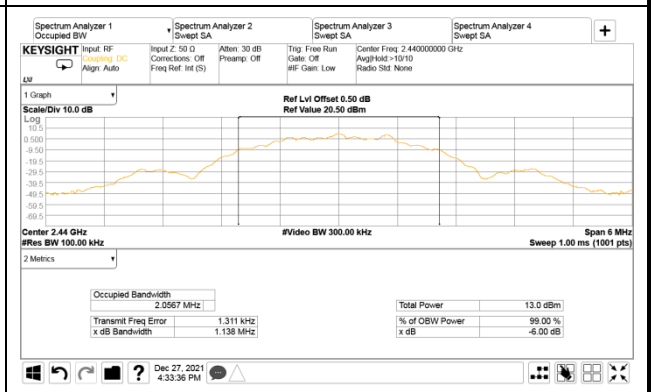
Tel: +886 2 26099301
Fax: +886 2 26099303

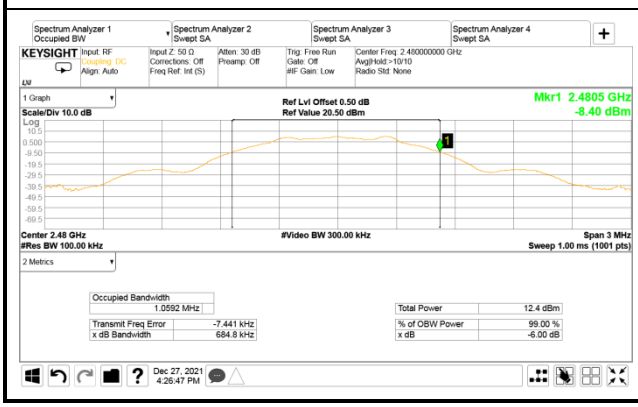
BLE	
1M	2M

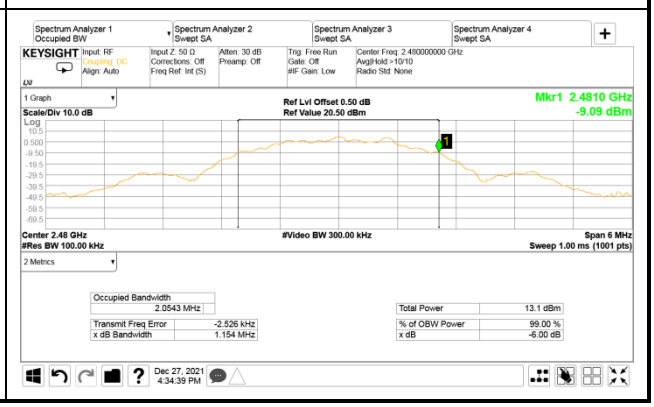










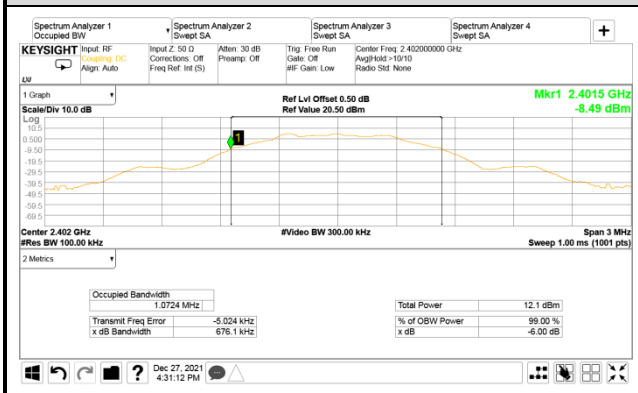


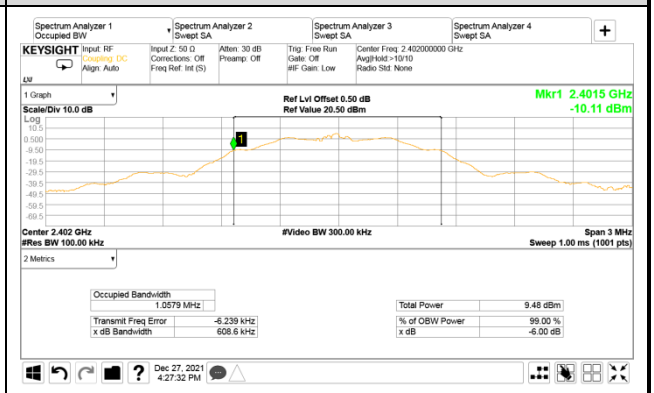
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

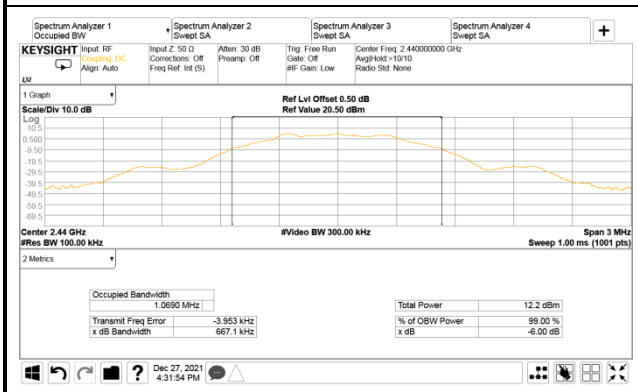
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

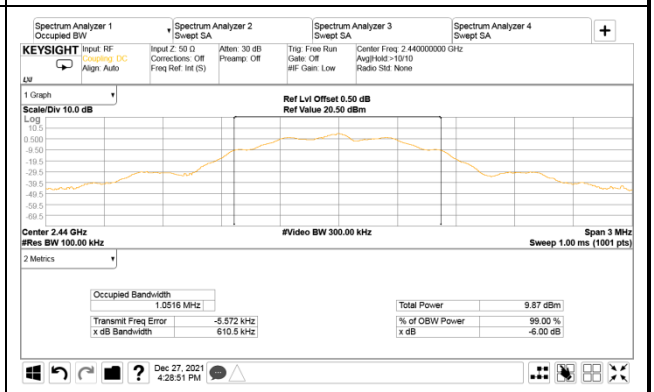
Tel: +886 2 26099301
Fax: +886 2 26099303

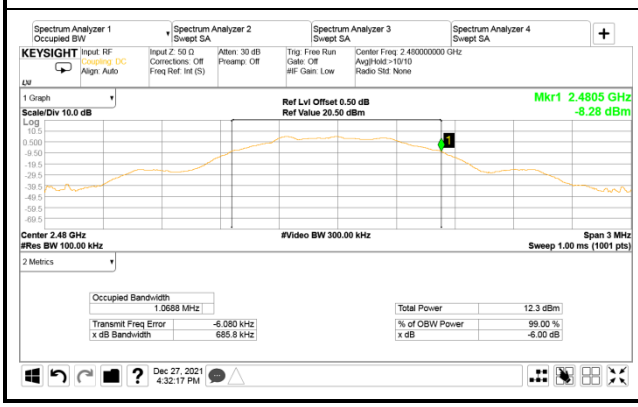
BLE	
PHY Coded S2	PHY Coded S8

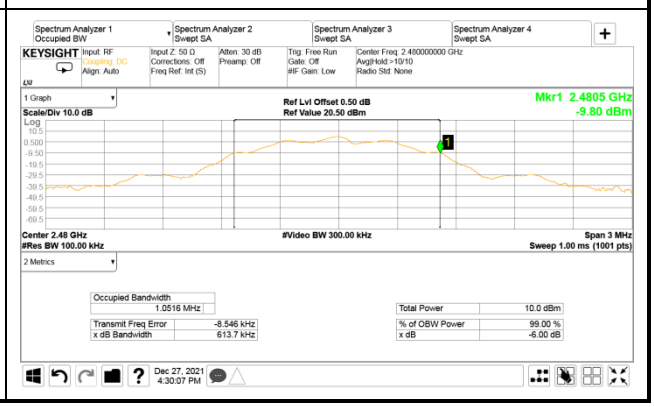










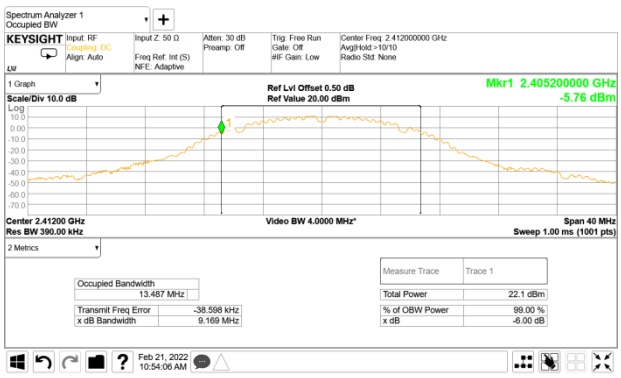
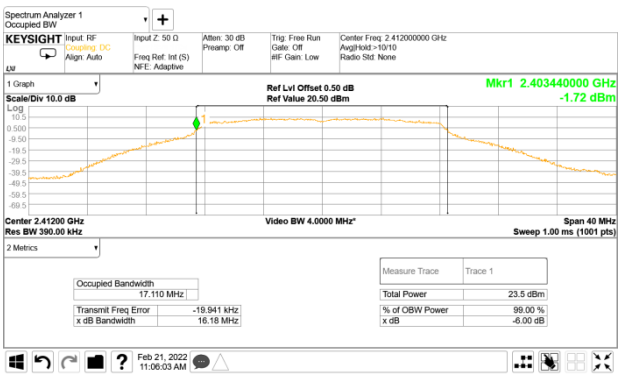
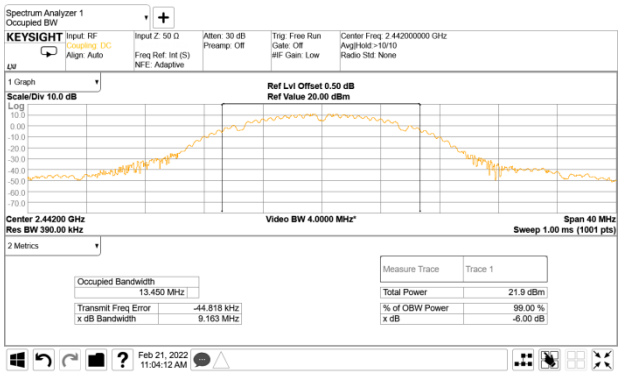
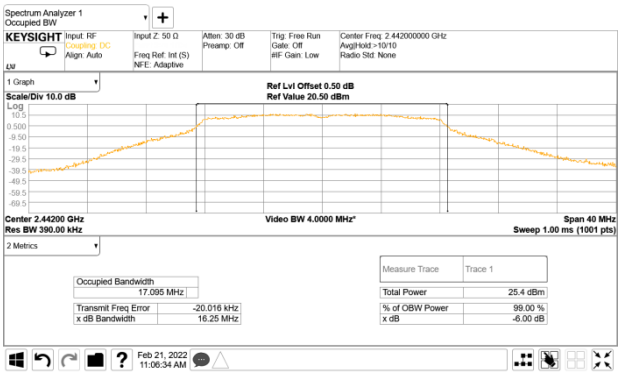
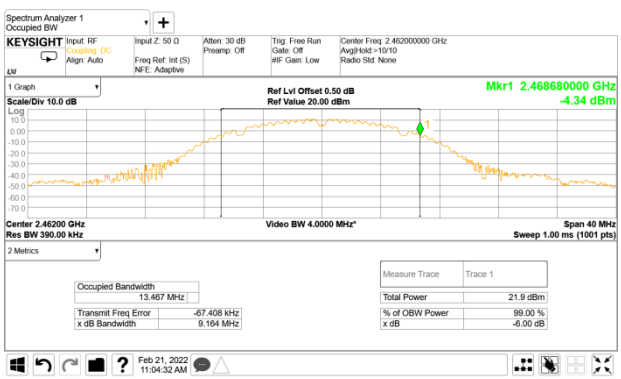
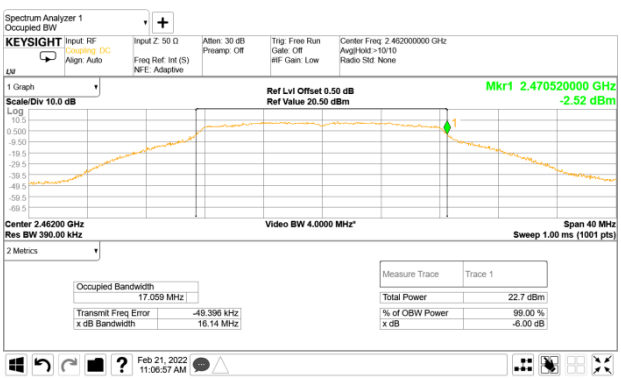
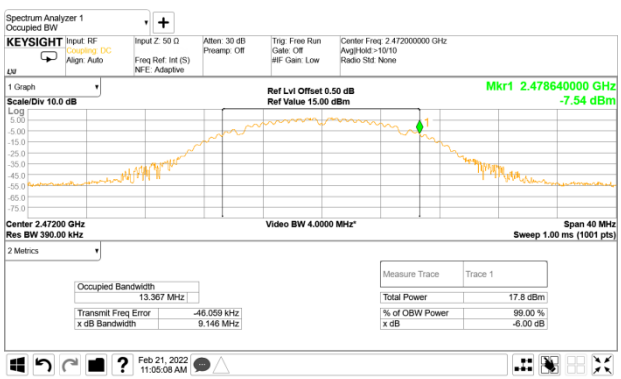
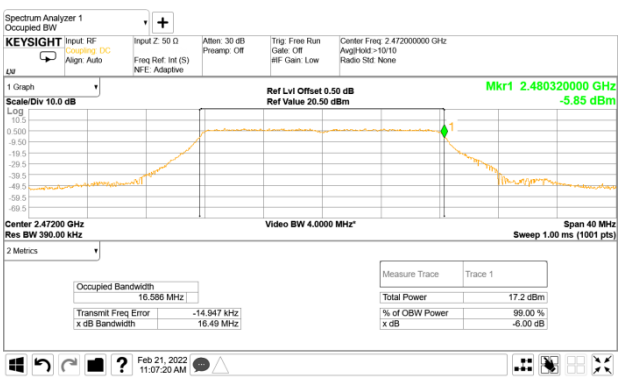


This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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

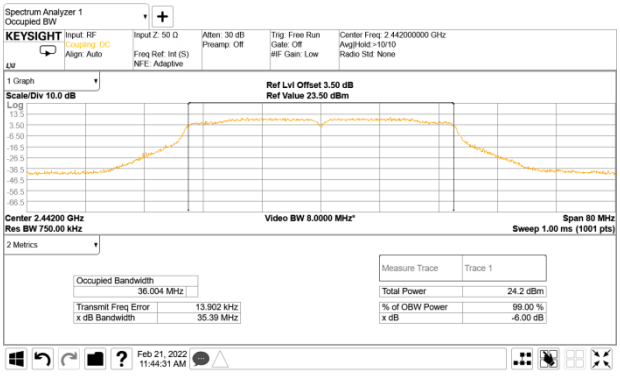
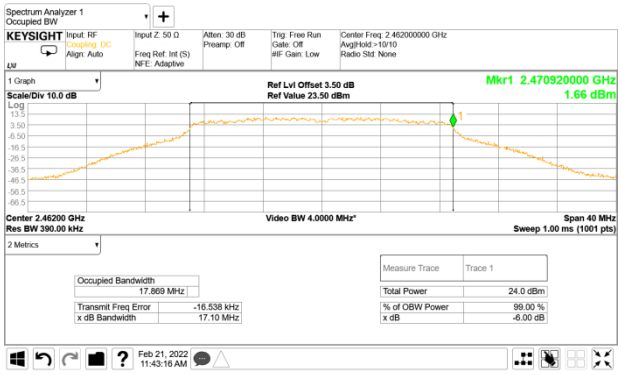
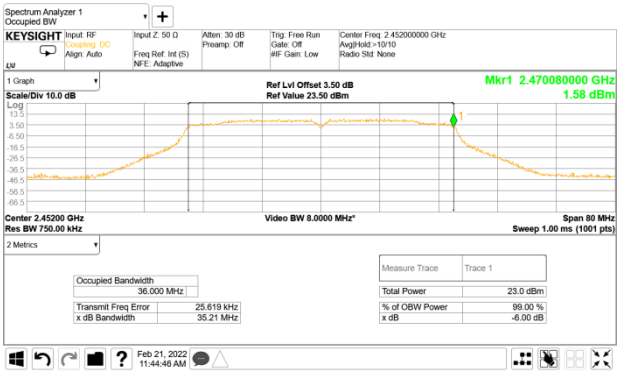
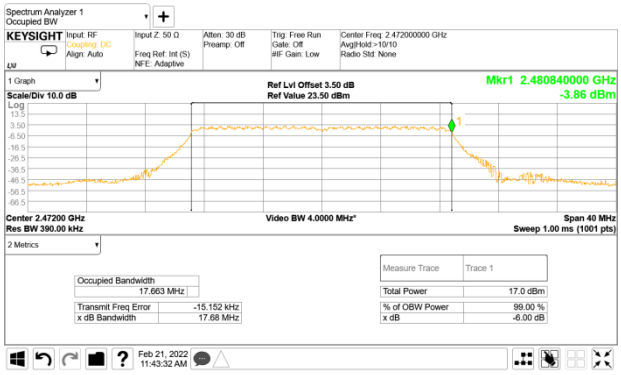
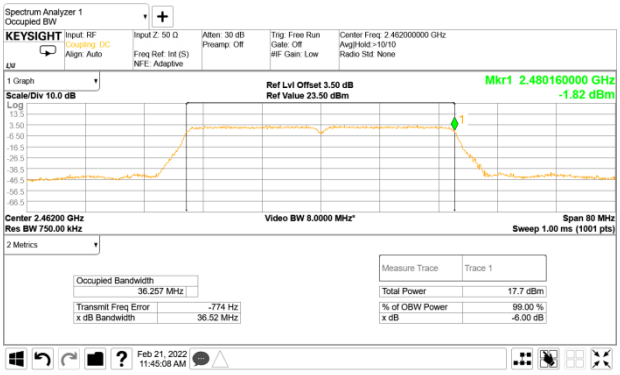
- Occupied (99%) Bandwidth

802.11b	802.11g
	
	
	
	

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

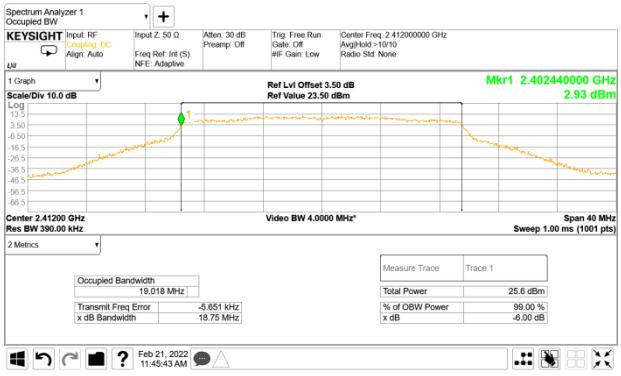
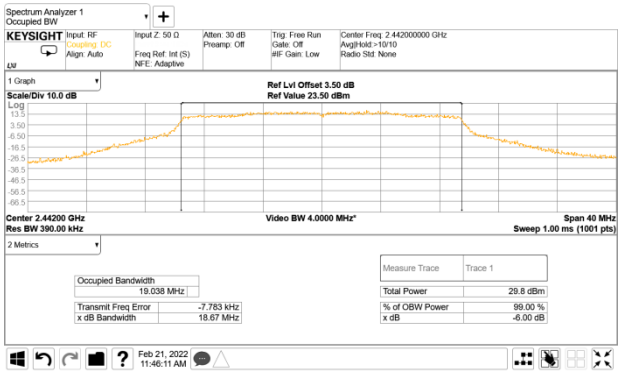
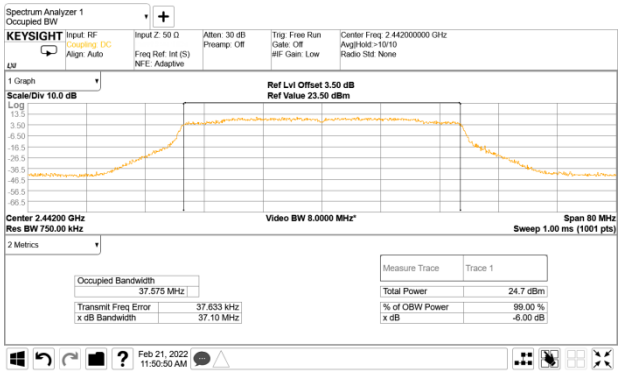
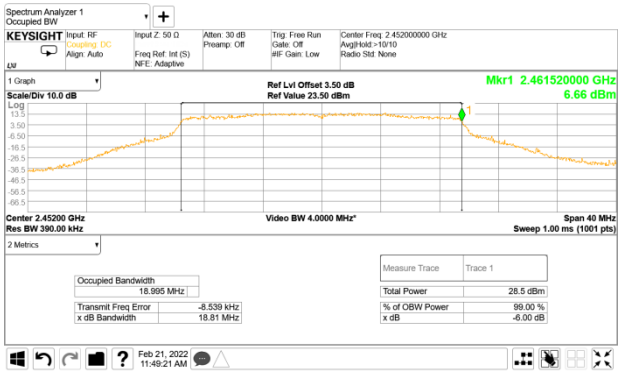
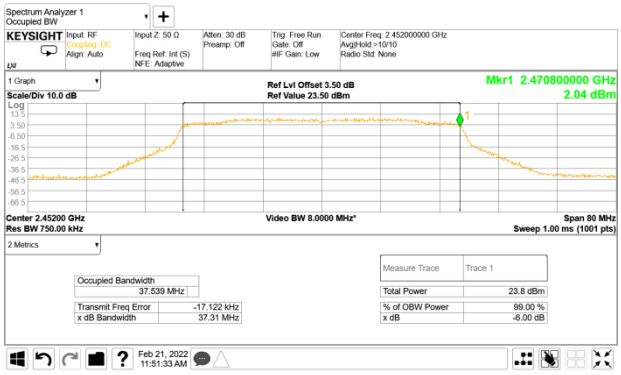
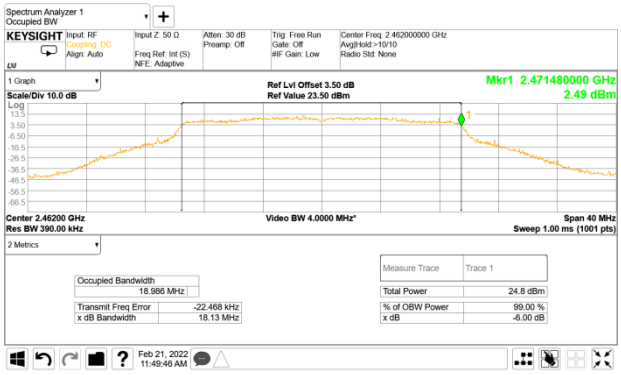
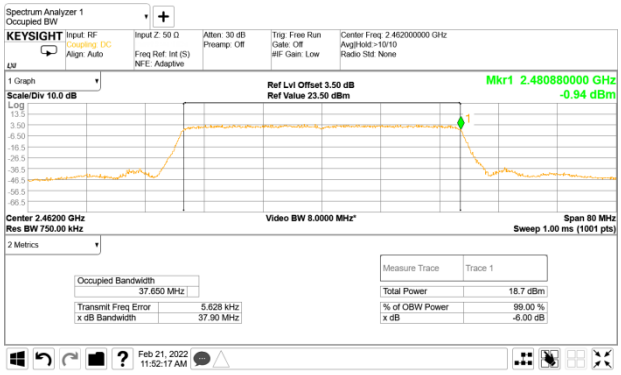
Tel: +886 2 26099301
Fax: +886 2 26099303

802.11n-HT20	802.11n-HT40
	
	
	

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

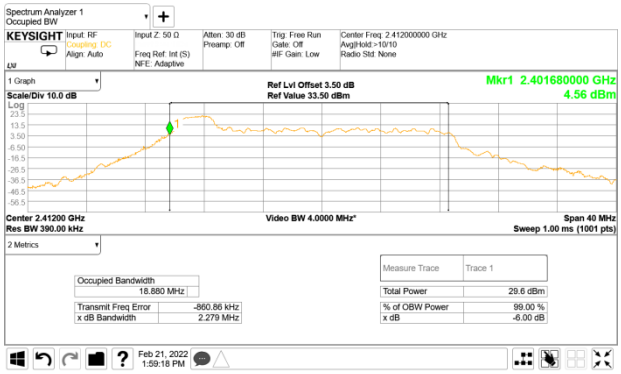
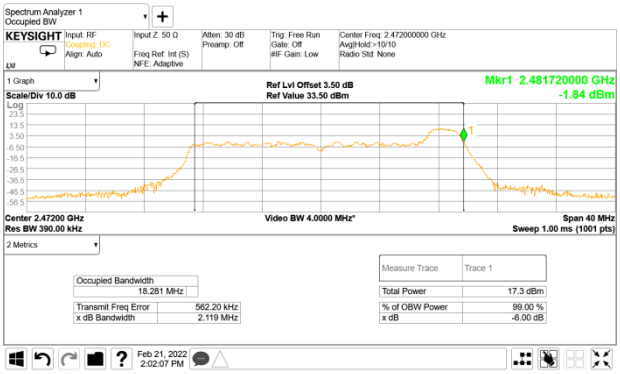
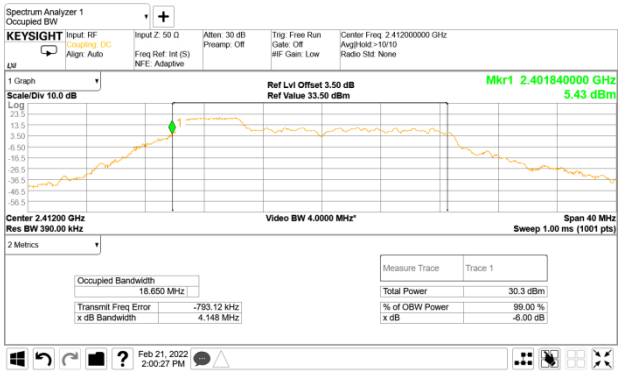
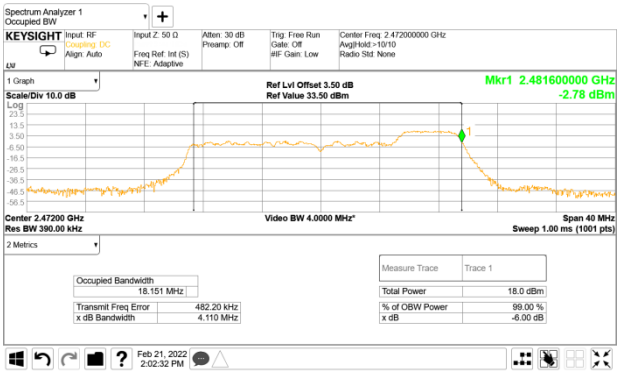
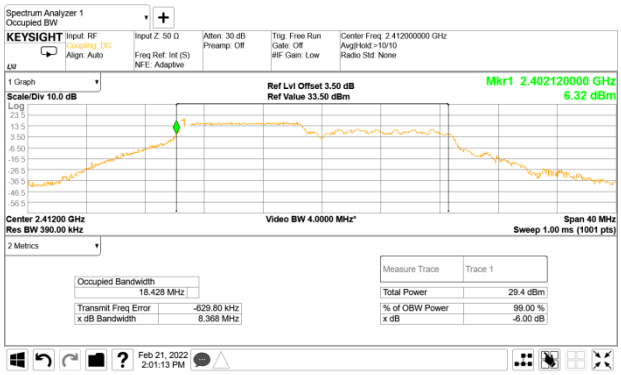
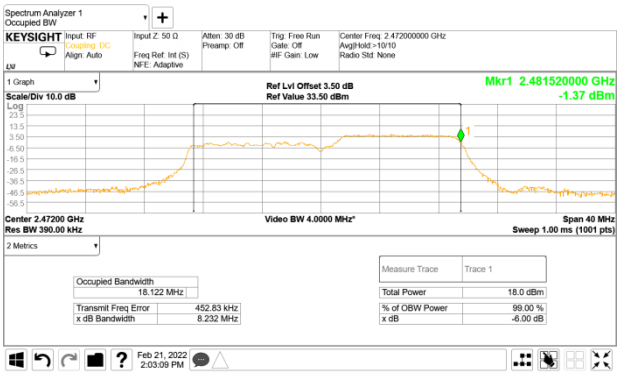
Tel: +886 2 26099301
Fax: +886 2 26099303

802.11ax-HE20	802.11ax-HE40
	
	
	
	

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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

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

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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

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

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.