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

A.5 OCCUPIED BANDWIDTH/26DB BANDWIDTH

Test Date	2022/01/05~03/30	Temp./Hum.	17~22°C/62~70%
Cable Loss	1.90dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.5.1 Occupied Bandwidth/26dB Bandwidth

- OFDM Modulation

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)				Limit
			ANT A (AUX) Port		ANT B (Main) Port		
			26dB	Occupied (99%)	26dB	Occupied (99%)	
802.11a	5	5955	24.18	17.100	24.54	17.056	≤320MHz
		6175	23.51	16.964	24.01	17.118	
		6415	23.71	16.951	24.04	17.087	
	6	6435	24.52	17.174	23.67	17.036	
		6475	24.61	17.079	24.39	16.973	
		6515	23.43	16.959	23.79	16.985	
	7	6535	24.62	17.030	23.70	17.016	
		6695	23.65	17.036	23.69	17.009	
		6855	23.86	16.986	24.11	16.963	
	8	6875	23.76	16.882	23.92	16.963	
		6995	23.50	16.941	23.70	16.994	
		7115	24.75	17.061	24.82	17.060	
802.11n-HT20	5	5955	23.84	17.994	24.68	17.980	≤320MHz
		6175	24.63	18.010	24.85	18.003	
		6415	24.25	18.020	24.88	17.947	
	6	6435	24.41	18.057	23.84	18.013	
		6475	24.77	18.039	23.68	17.997	
		6515	24.59	18.084	24.21	18.008	
	7	6535	24.68	18.062	23.98	18.050	
		6695	23.85	18.010	23.91	18.029	
		6855	23.99	17.974	24.51	18.011	
	8	6875	23.65	18.000	24.08	18.019	
		6995	24.23	18.042	24.11	18.059	
		7115	24.03	18.024	24.26	17.976	

Note: All results have been included cable loss.

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	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)				Limit
			ANT A (AUX) Port		ANT B (Main) Port		
			26dB	Occupied (99%)	26dB	Occupied (99%)	
802.11n-HT40	5	5965	43.78	36.451	43.58	36.449	≤320MHz
		6165	43.67	36.410	43.69	36.533	
		6405	44.12	36.377	43.52	36.475	
	6	6445	44.37	36.452	44.04	36.432	
		6485	44.01	36.439	44.09	36.476	
	7	6525	44.28	36.398	43.91	36.459	
		6685	43.39	36.403	43.80	36.450	
		6845	43.20	36.503	43.36	36.407	
	8	6885	44.95	36.456	43.72	36.382	
		7005	43.97	36.479	43.36	36.497	
		7085	44.82	36.470	44.40	36.458	
802.11ac-VHT80	5	5985	84.30	75.116	84.57	75.072	≤320MHz
		6145	83.11	75.011	83.25	75.071	
		6385	83.14	75.146	83.42	75.207	
	6	6465	83.57	75.169	83.59	74.9335	
		6545	86.28	75.062	84.35	75.061	
	7	6625	84.20	75.147	83.22	75.111	
		6705	85.07	75.066	83.44	75.052	
		6785	83.02	75.080	83.04	74.954	
	8	6865	83.35	75.178	83.45	74.955	
		6945	84.79	75.149	83.80	75.025	
		7025	83.77	75.160	83.36	75.016	
802.11ac-VHT160	5	6025	163.8	153.30	162.6	153.05	≤320MHz
		6185	162.5	153.28	163.1	153.04	
		6345	163.2	153.19	162.7	152.68	
	6	6505	162.8	153.28	162.6	157.67	
	7	6665	163.1	152.81	162.8	153.09	
		6825	162.8	153.49	162.6	152.75	
	8	6985	163.3	152.94	162.6	153.08	

Note: All results have been included cable loss.

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	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)				Limit
			ANT A (AUX) Port		ANT B (Main) Port		
			26dB	Occupied (99%)	26dB	Occupied (99%)	
802.11ax-HE20	5	5955	24.87	19.107	23.10	19.045	≤320MHz
		6175	24.28	19.142	24.02	19.081	
		6415	24.46	19.111	23.34	19.072	
	6	6435	24.15	19.064	24.18	19.050	
		6475	24.52	19.095	23.98	19.074	
		6515	23.82	19.025	23.41	19.068	
	7	6535	23.97	19.123	23.99	19.133	
		6695	22.84	19.125	23.80	19.014	
		6855	23.67	19.169	23.86	19.064	
	8	6875	24.65	19.167	24.14	19.068	
		6995	24.78	19.129	23.58	19.121	
		7115	23.96	19.102	23.95	19.082	
802.11ax-HE40	5	5965	43.86	38.015	43.77	37.852	≤320MHz
		6165	43.83	37.903	43.63	37.749	
		6405	42.93	37.819	43.86	37.945	
	6	6445	44.29	37.852	43.06	37.877	
		6485	43.54	37.905	43.04	37.871	
	7	6525	45.04	37.967	43.88	37.856	
		6685	45.39	37.958	43.97	37.848	
		6845	43.14	37.966	44.13	37.829	
	8	6885	44.76	37.955	43.01	37.865	
		7005	44.85	37.954	43.86	37.897	
		7085	44.49	37.927	43.02	37.825	
802.11ax-HE80	5	5985	81.51	76.541	81.99	76.804	≤320MHz
		6145	82.69	76.674	82.53	76.515	
		6385	83.45	76.779	82.39	76.603	
	6	6465	81.85	76.805	82.42	76.666	
		6545	82.12	76.627	81.48	76.769	
	7	6625	82.36	76.752	81.78	76.724	
		6705	81.35	76.576	81.34	76.748	
		6785	81.61	76.755	81.19	76.592	
	8	6865	81.05	76.607	81.63	76.598	
		6945	81.58	76.545	81.13	76.566	
		7025	82.13	76.599	82.33	76.732	
802.11ax-HE160	5	6025	163.5	154.96	163.4	154.42	≤320MHz
		6185	163.8	154.71	162.8	154.94	
		6345	163.2	154.39	162.8	154.16	
	6	6505	163.5	154.81	162.6	154.33	
	7	6665	162.5	154.40	164.0	154.42	
		6825	163.5	154.80	163.6	154.57	
	8	6985	163.3	154.71	163.5	154.08	

Note: All results have been included cable loss.

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

- OFDMA Modulation

Tones	RU Index	Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)				Limit
					ANT A (AUX) Port		ANT B (Main) Port		
					26dB	Occupied (99%)	26dB	Occupied (99%)	
26T	18	802.11ax- HE80	8	7025	38.08	35.917	38.09	35.877	≤320MHz
52T	37	802.11ax- HE40	8	7085	19.30	17.330	19.84	17.701	
106T	53	802.11ax- HE40	8	7085	20.30	17.679	21.91	17.677	
242T	S61	802.11ax- HE160	8	6985	34.53	19.186	24.02	19.049	
484T	S65	802.11ax- HE160	8	6985	44.07	37.664	44.10	37.614	
996T	67	802.11ax- HE160	8	6985	83.66	76.736	83.88	76.814	

Note: All results have been included cable loss.

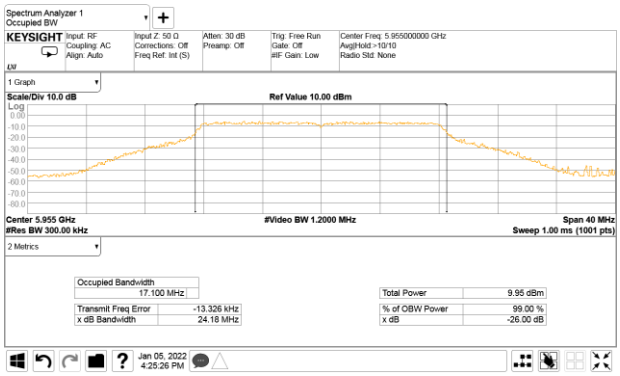
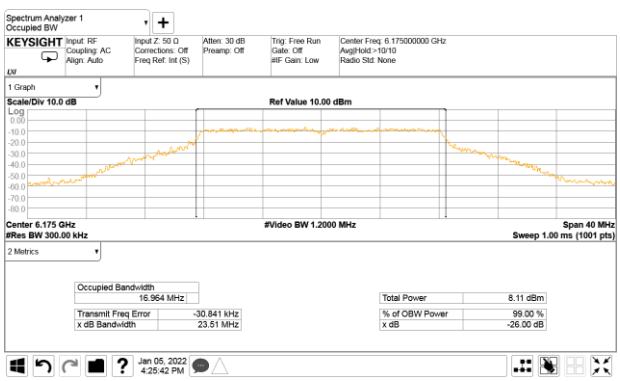
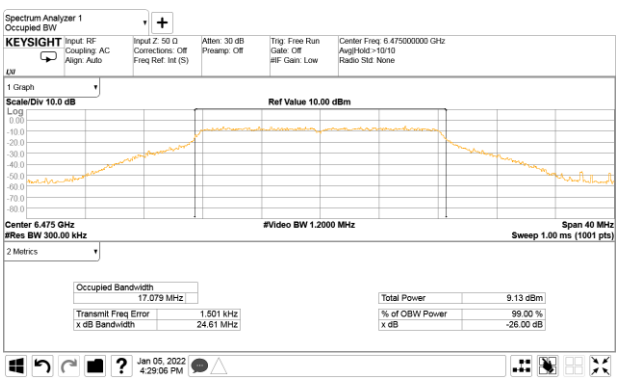
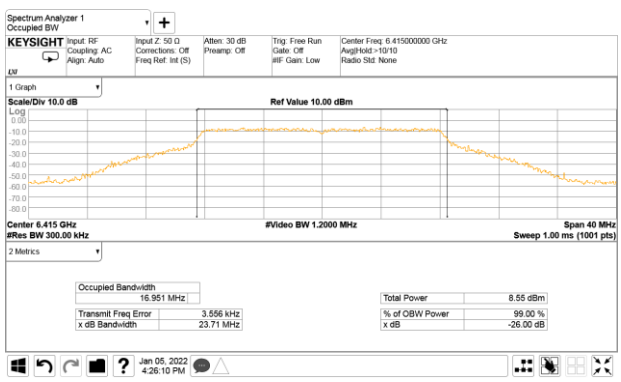
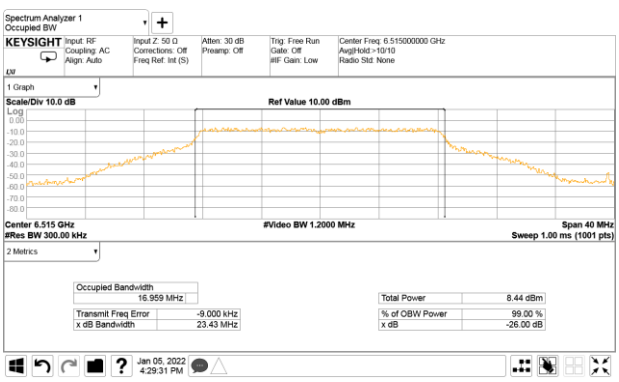
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

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

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

A.5.2 Measurement Plots

- **For ANT A (AUX) Port**
- OFDM Modulation

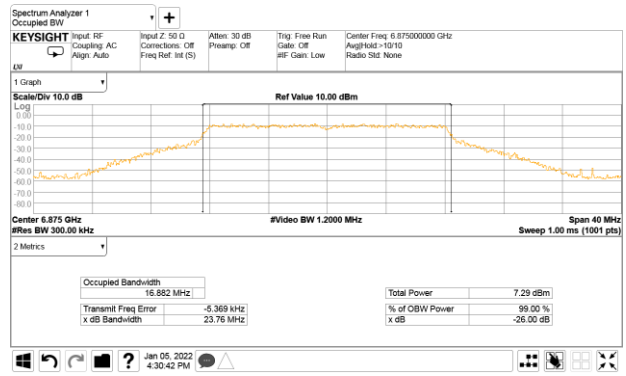
Mode: 802.11a	
ANT A (AUX) Port	
U-NII Band 5	U-NII Band 6
	
	
	

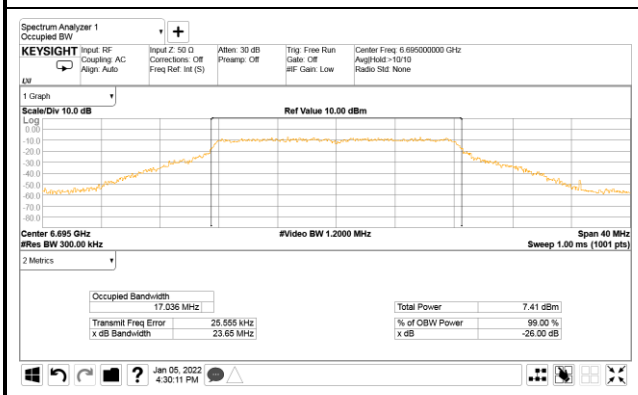
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

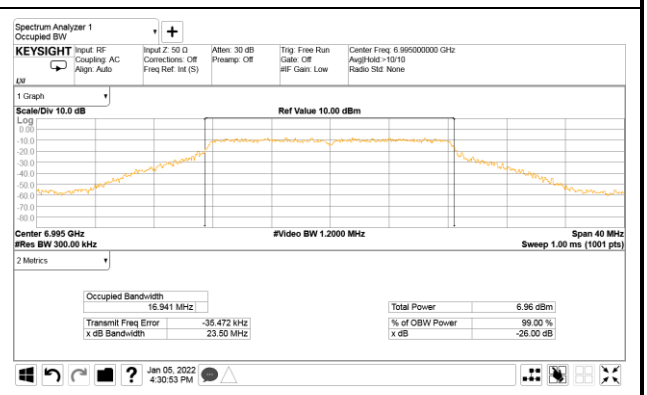
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

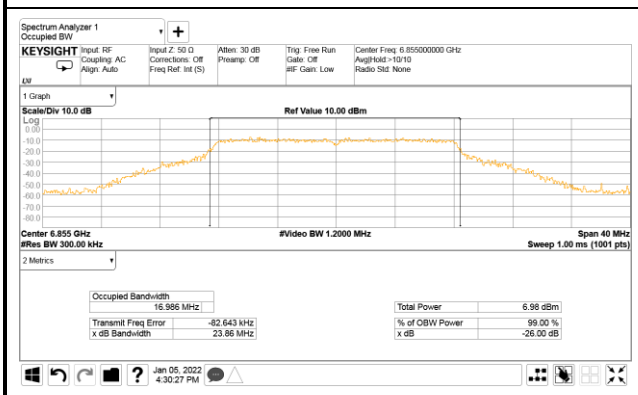
Tel: +886 2 26099301
Fax: +886 2 26099303

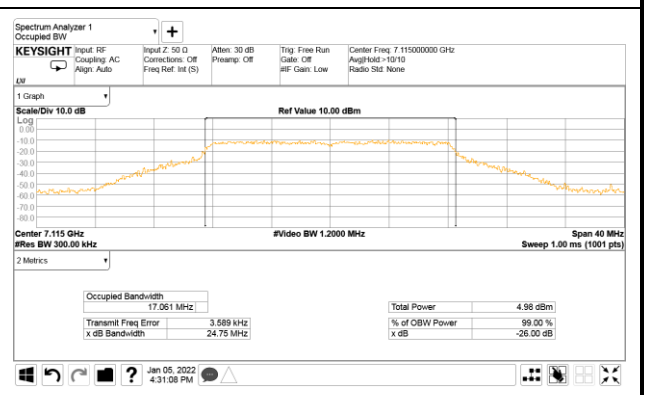
Mode: 802.11a	
ANT A (AUX) Port	
U-NII Band 7	U-NII Band 8









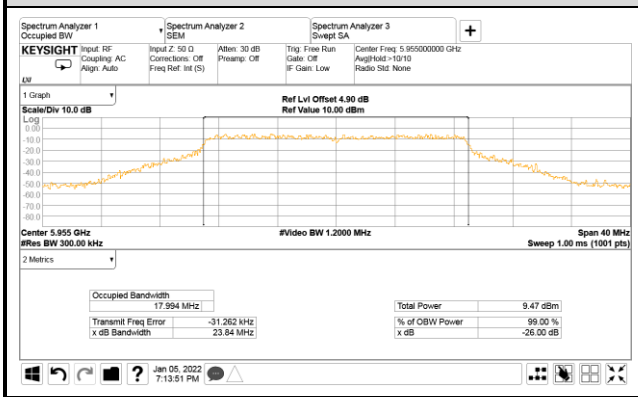


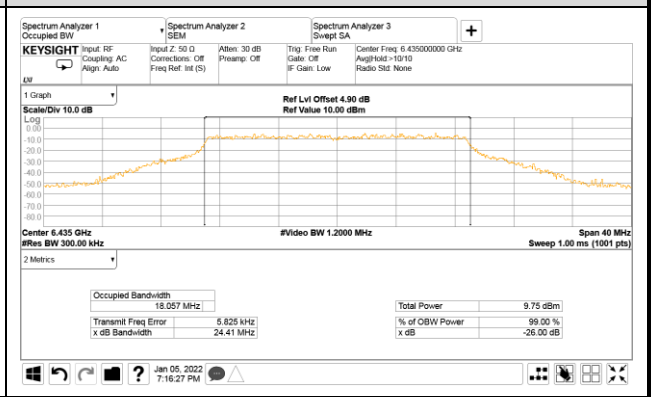
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

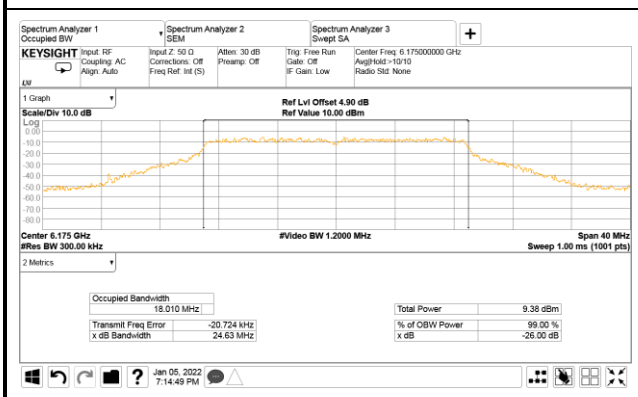
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

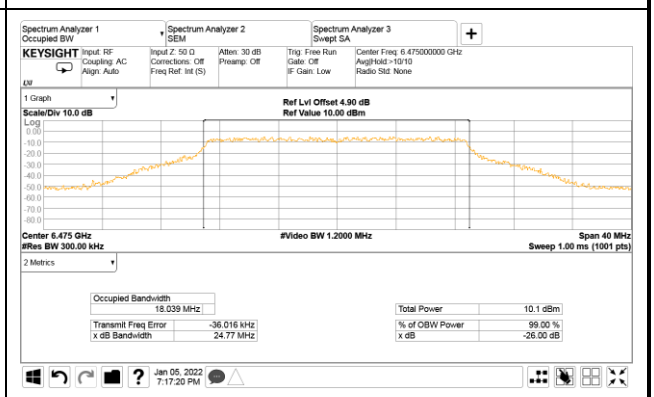
Tel: +886 2 26099301
Fax: +886 2 26099303

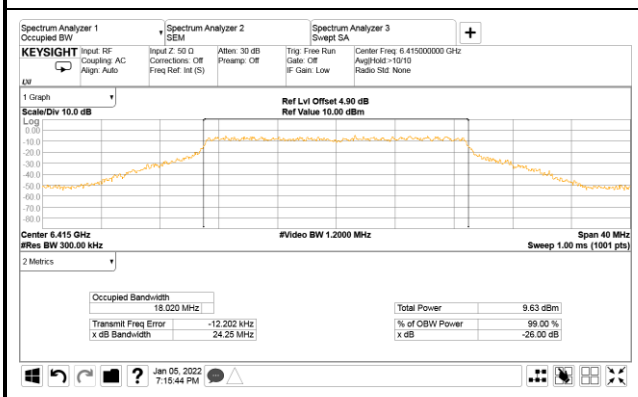
Mode: 802.11n-HT20	
ANT A (AUX) Port	
U-NII Band 5	U-NII Band 6

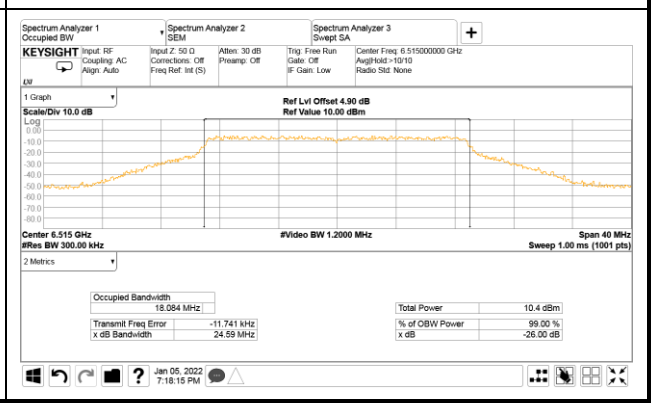










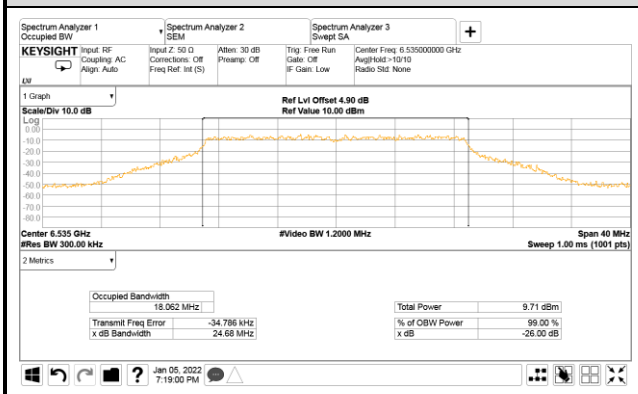


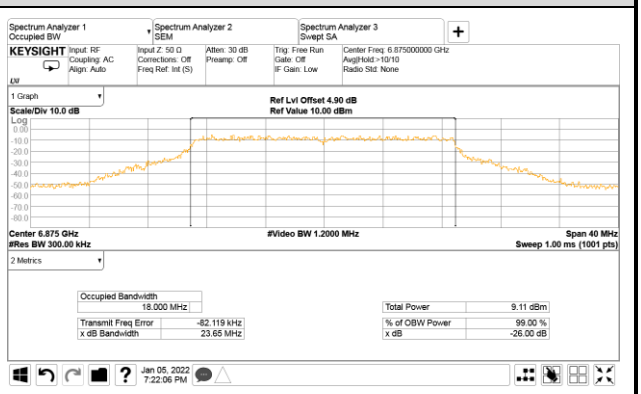
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

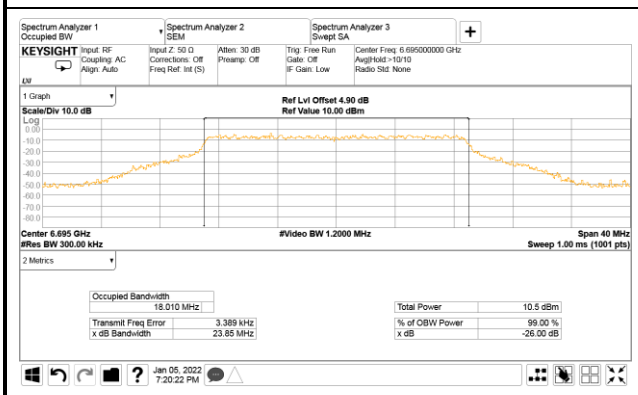
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

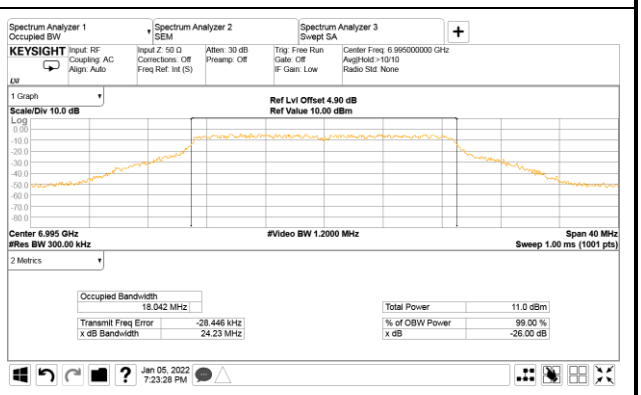
Tel: +886 2 26099301
Fax: +886 2 26099303

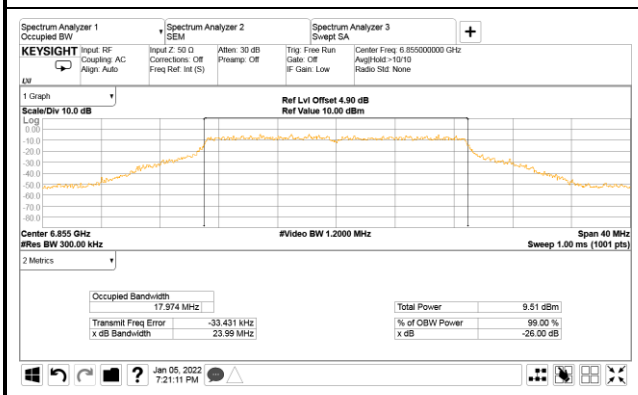
Mode: 802.11n-HT20	
ANT A (AUX) Port	
U-NII Band 7	U-NII Band 8

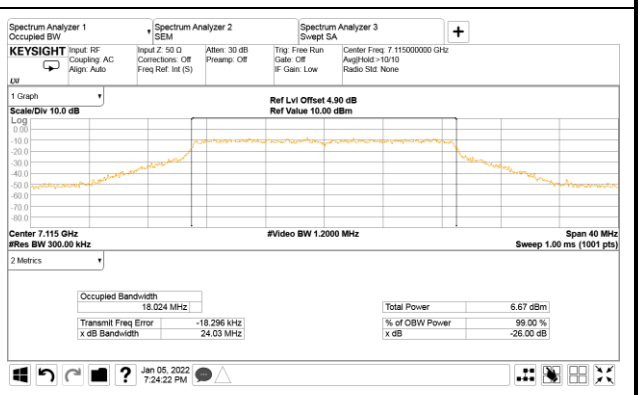










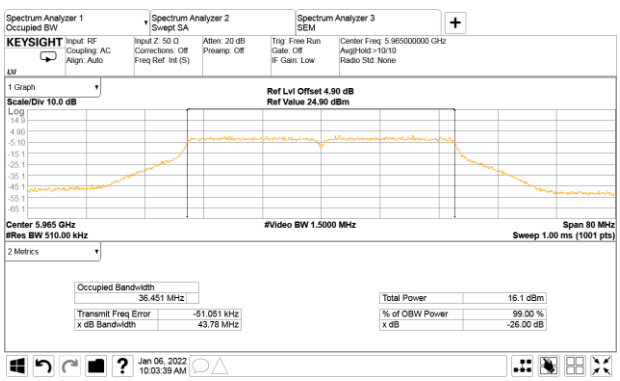


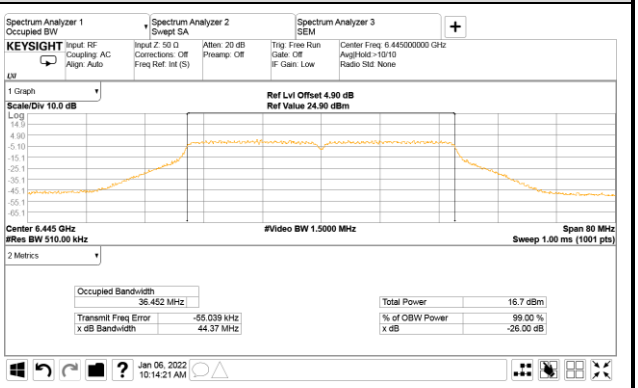
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

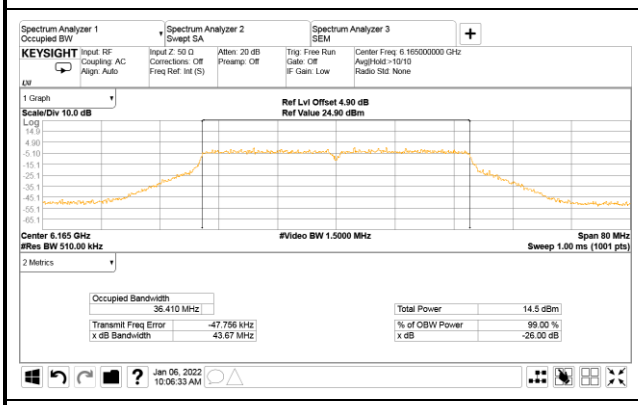
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

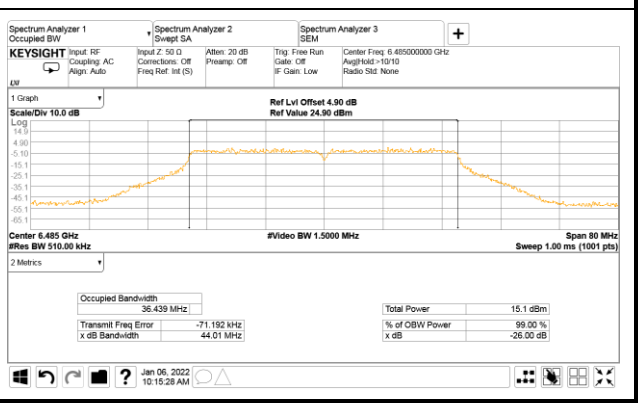
Tel: +886 2 26099301
Fax: +886 2 26099303

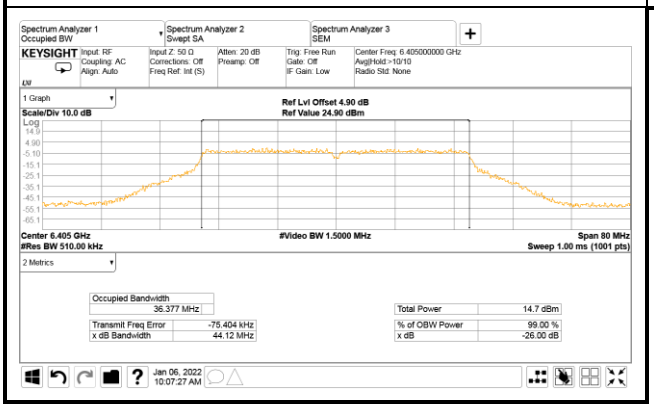
Mode: 802.11n-HT40	
ANT A (AUX) Port	
U-NII Band 5	U-NII Band 6









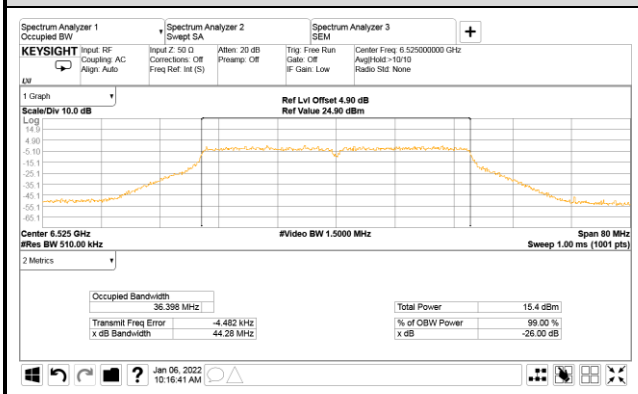


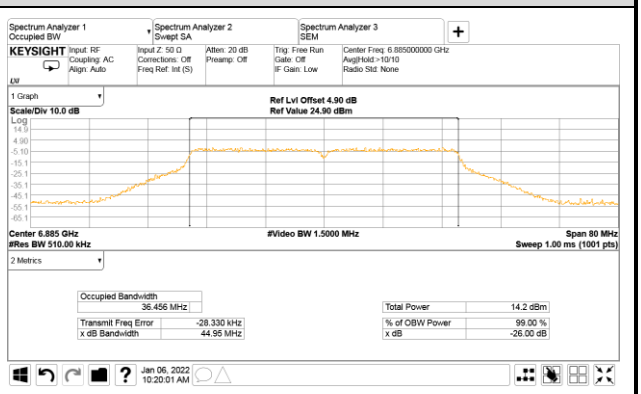
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

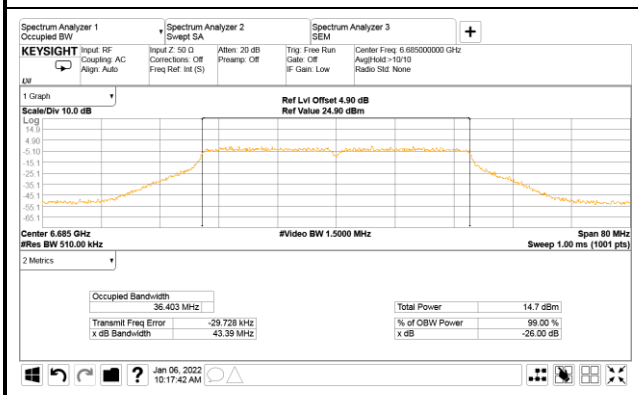
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

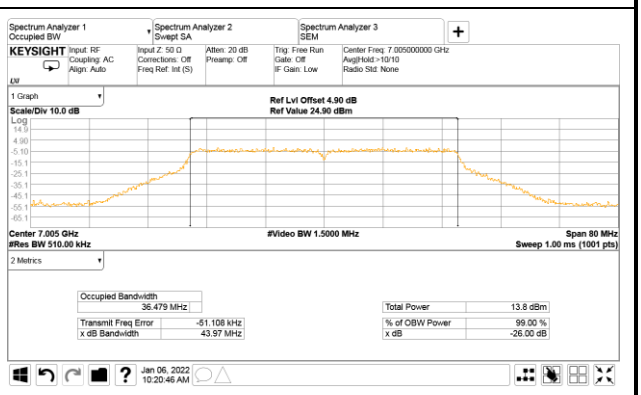
Tel: +886 2 26099301
Fax: +886 2 26099303

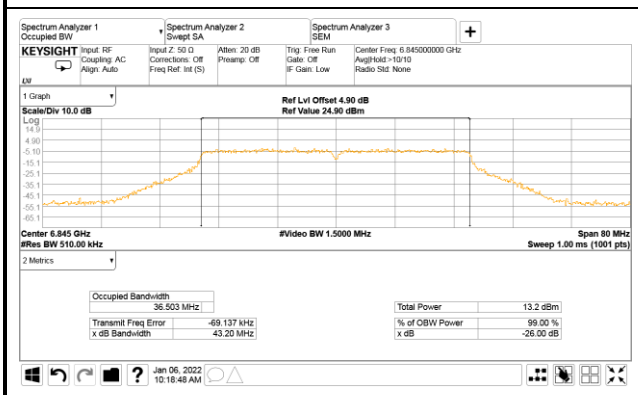
Mode: 802.11n-HT40	
ANT A (AUX) Port	
U-NII Band 7	U-NII Band 8

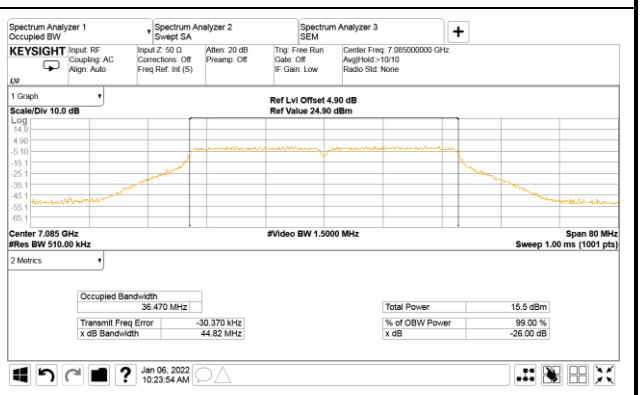










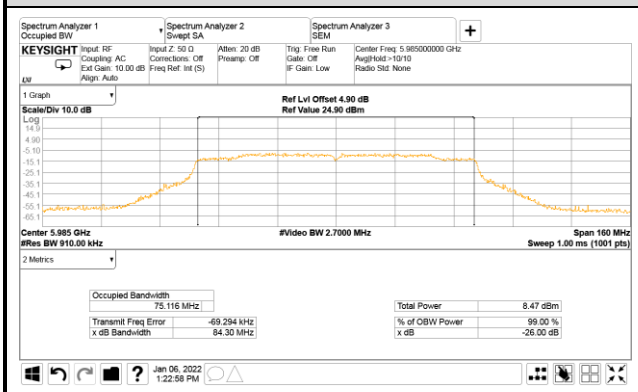


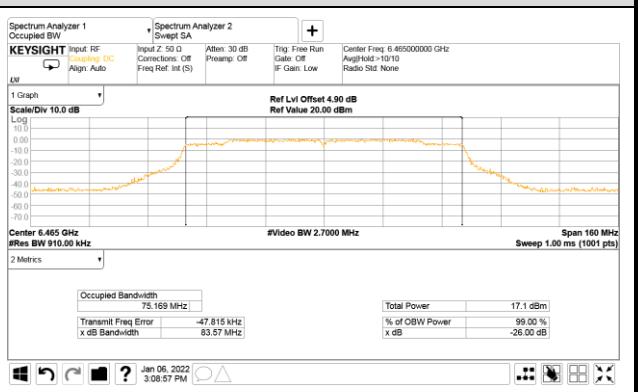
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

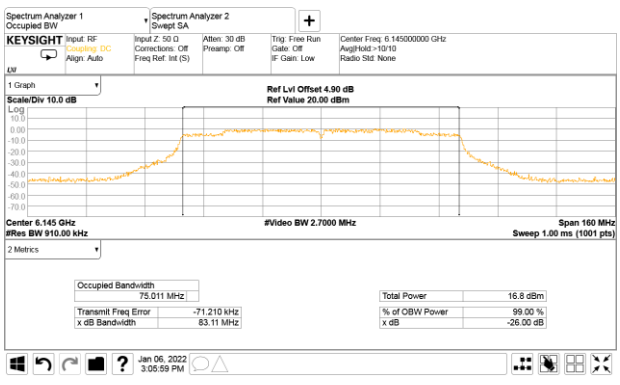
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

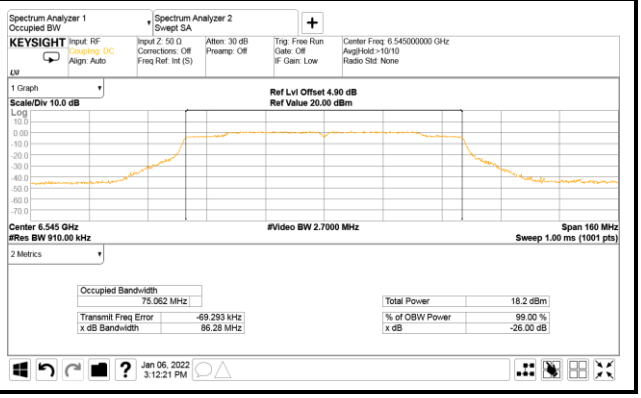
Tel: +886 2 26099301
Fax: +886 2 26099303

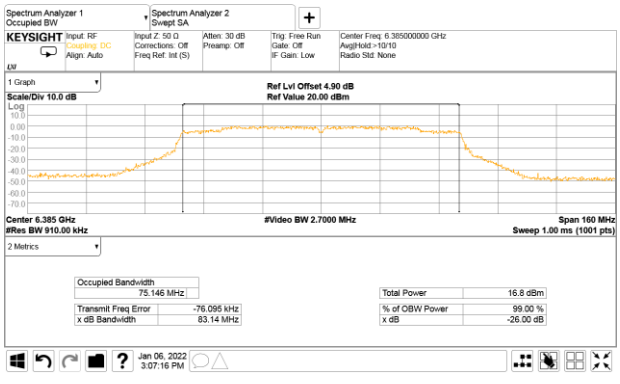
Mode: 802.11ac-VHT80	
ANT A (AUX) Port	
U-NII Band 5	U-NII Band 6









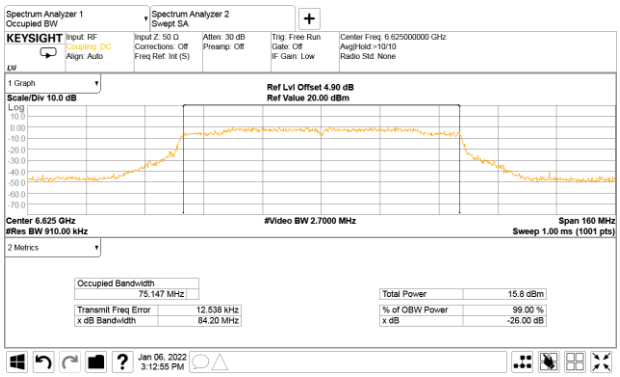


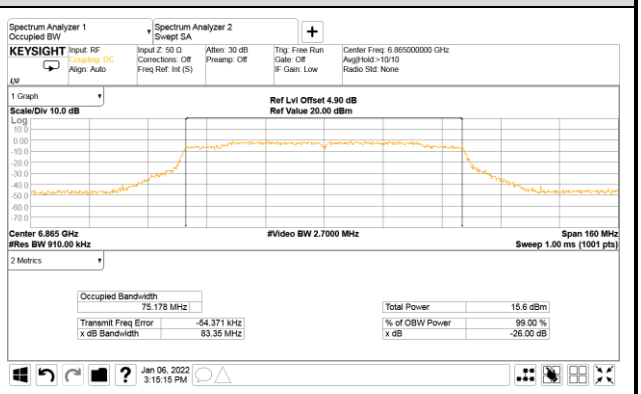
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

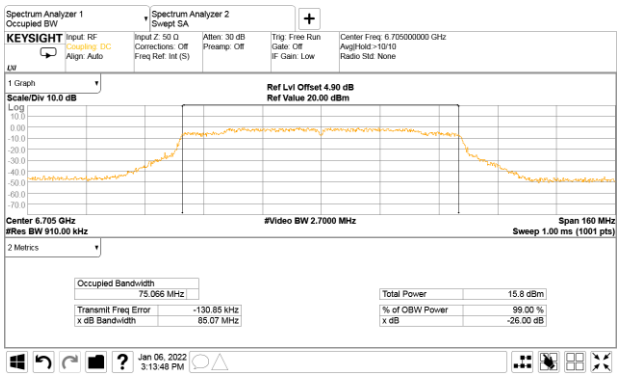
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

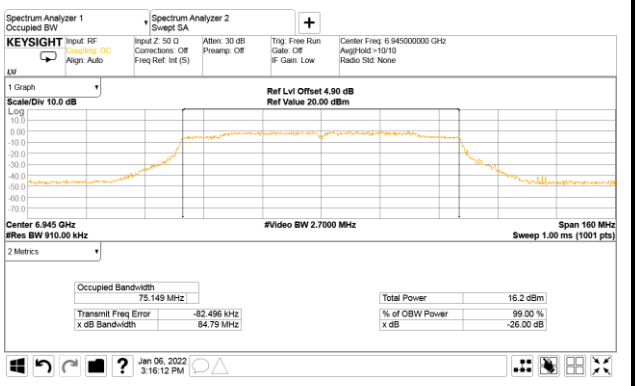
Tel: +886 2 26099301
Fax: +886 2 26099303

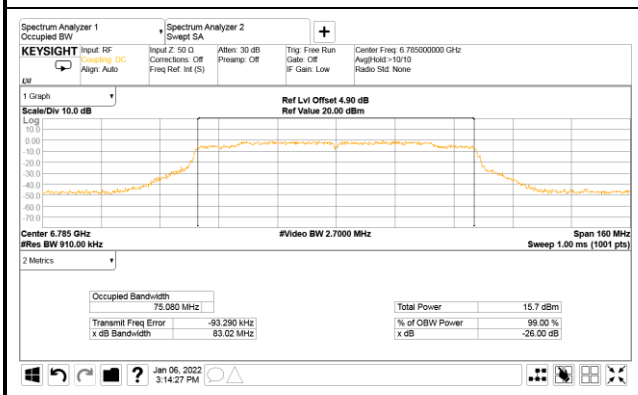
Mode: 802.11ac-VHT80	
ANT A (AUX) Port	
U-NII Band 7	U-NII Band 8

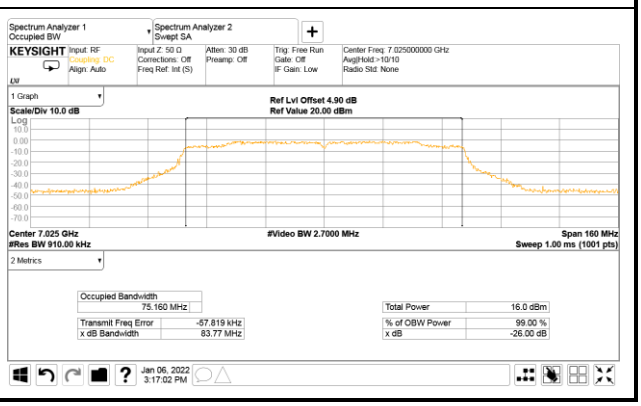










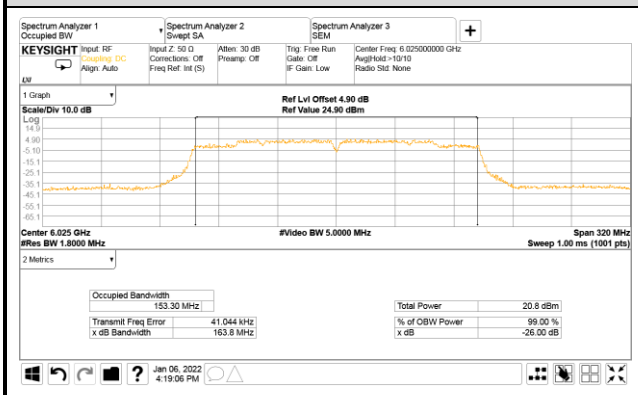


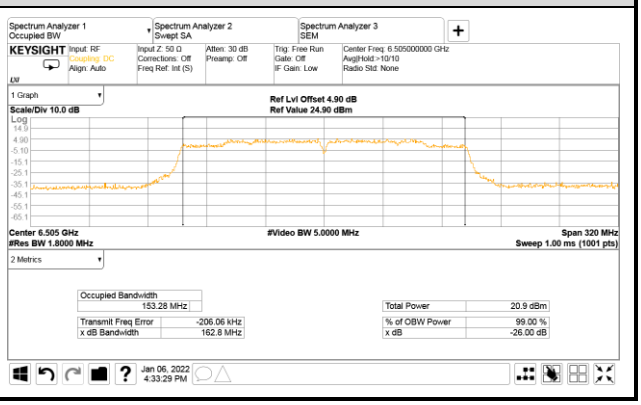
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

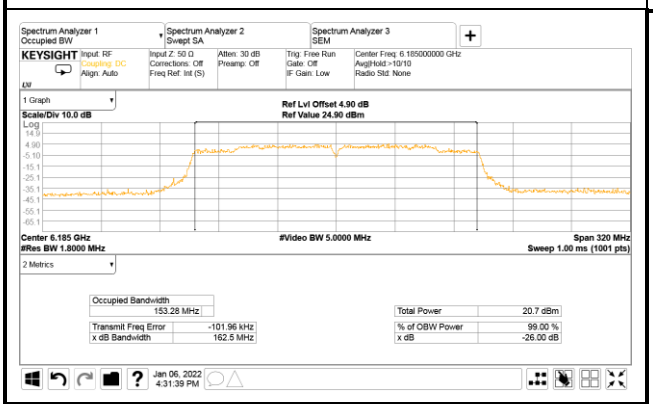
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

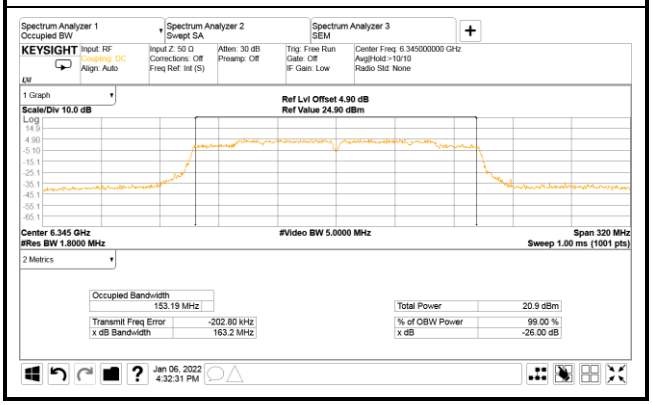
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode: 802.11ac-VHT160	
ANT A (AUX) Port	
U-NII Band 5	U-NII Band 6







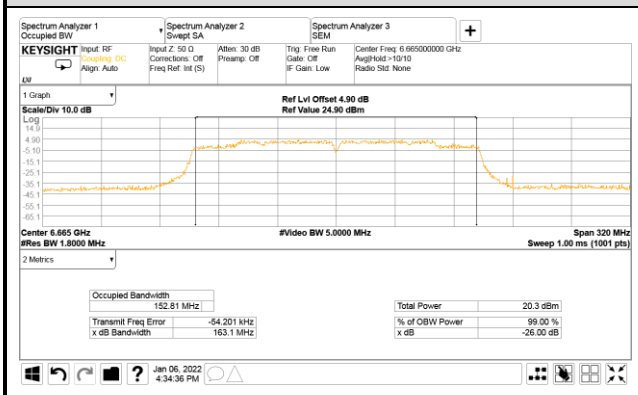


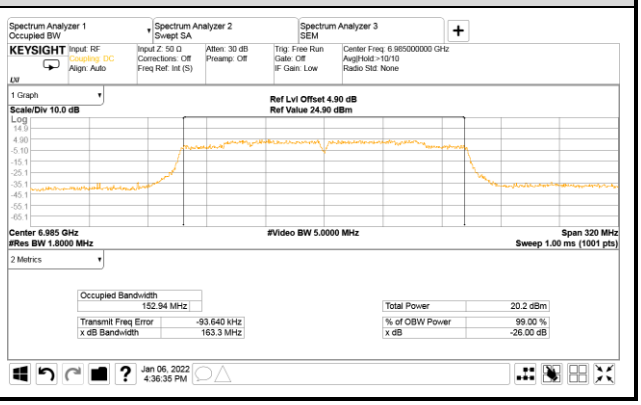
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

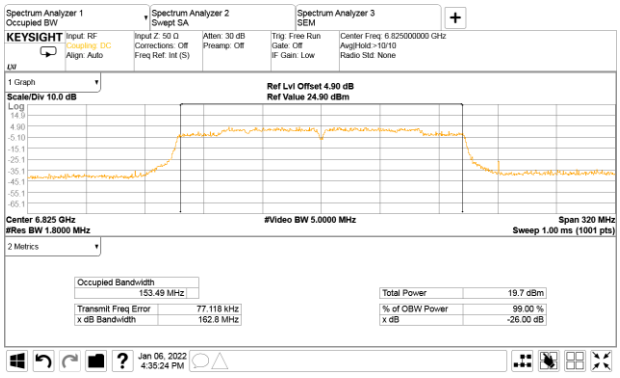
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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

Mode: 802.11ac-VHT160	
ANT A (AUX) Port	
U-NII Band 7	U-NII Band 8





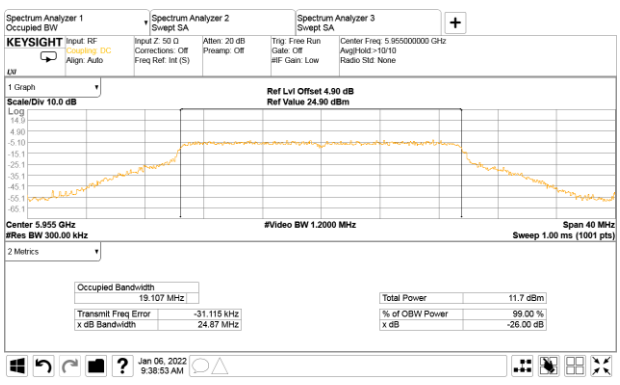


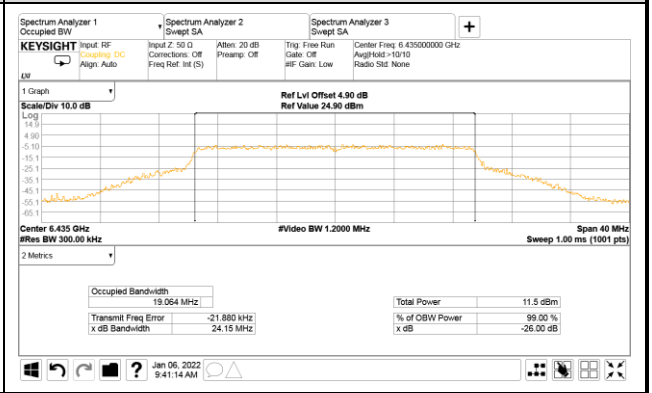
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

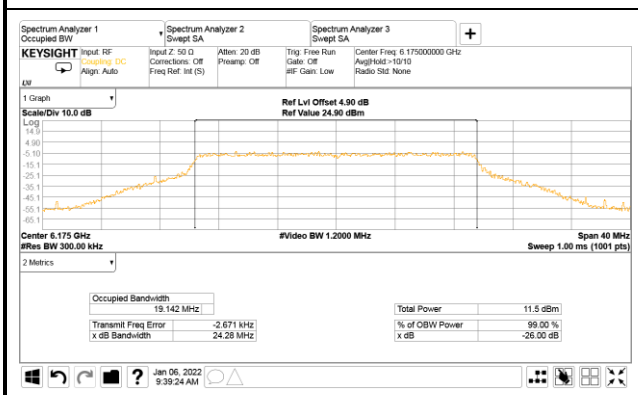
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

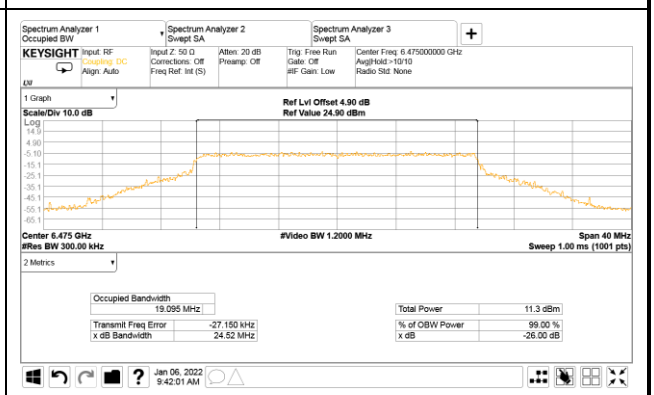
Tel: +886 2 26099301
Fax: +886 2 26099303

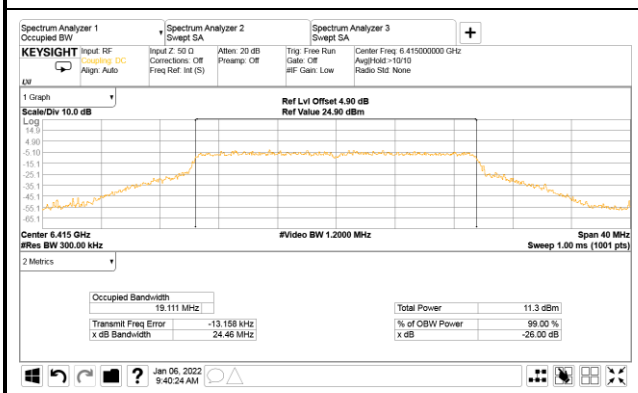
Mode: 802.11ax-HE20	
ANT A (AUX) Port	
U-NII Band 5	U-NII Band 6

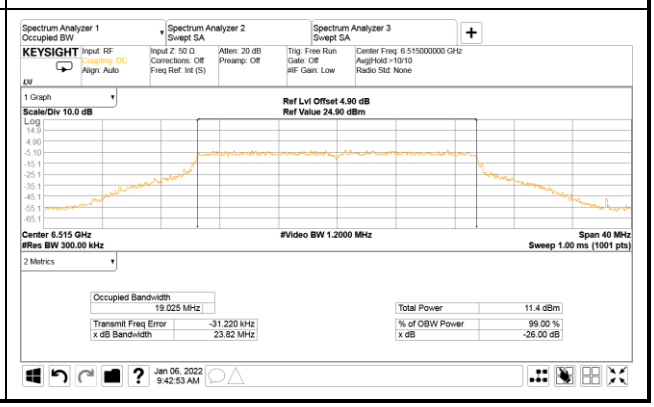










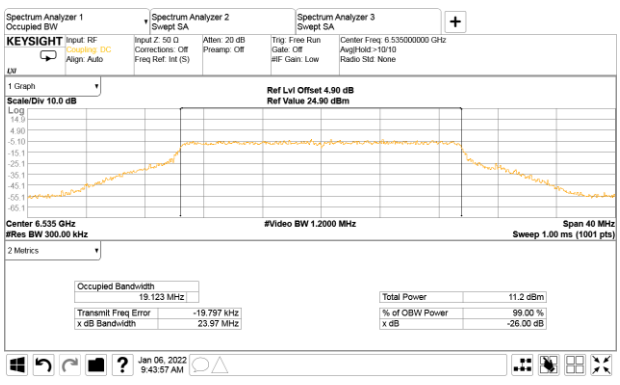


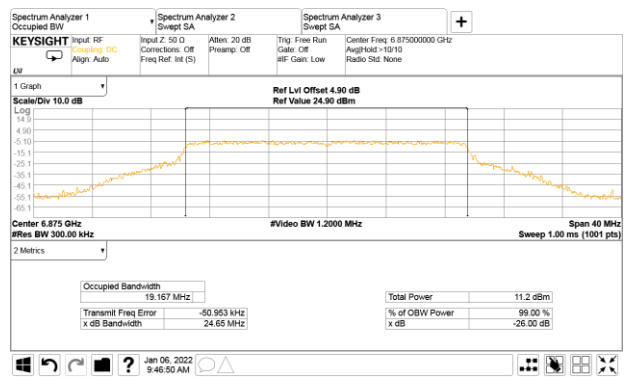
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

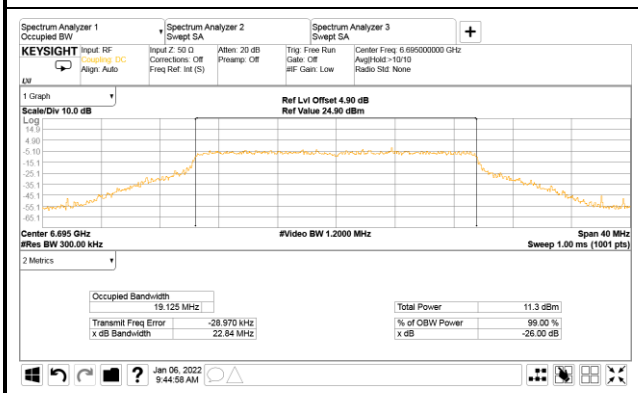
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

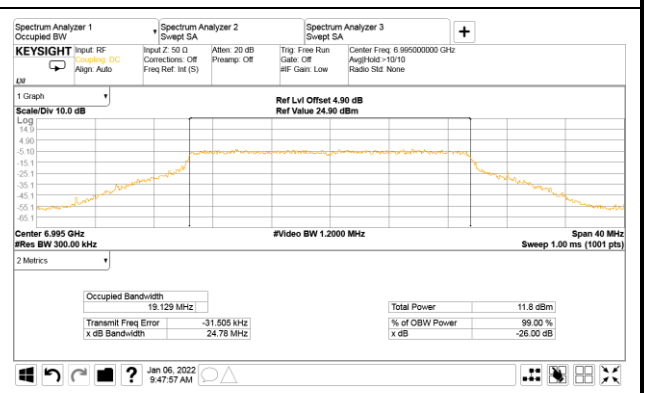
Tel: +886 2 26099301
Fax: +886 2 26099303

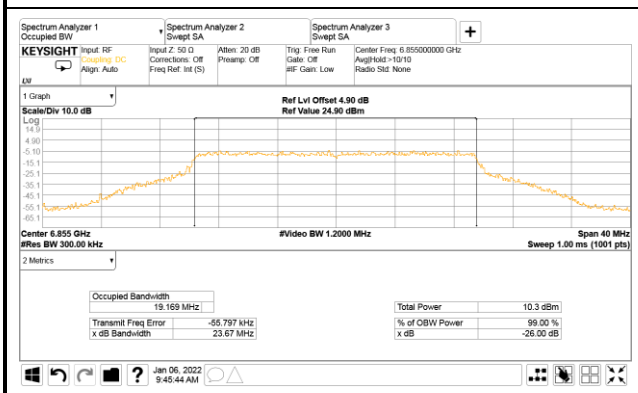
Mode: 802.11ax-HE20	
ANT A (AUX) Port	
U-NII Band 7	U-NII Band 8

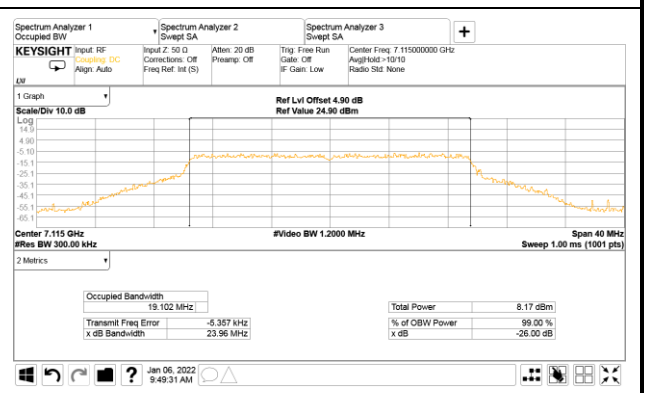










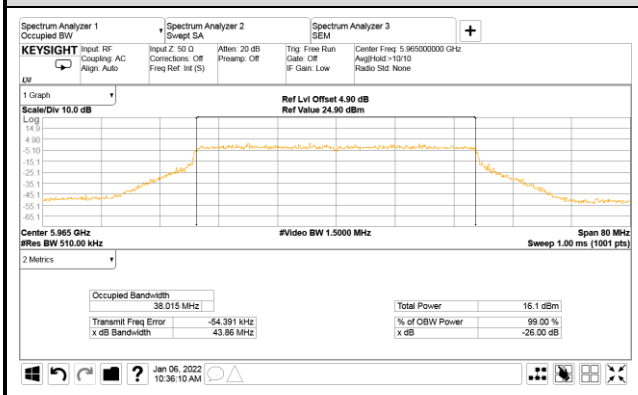


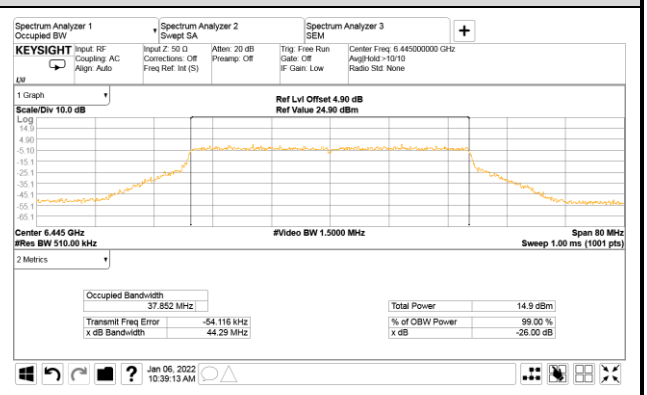
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

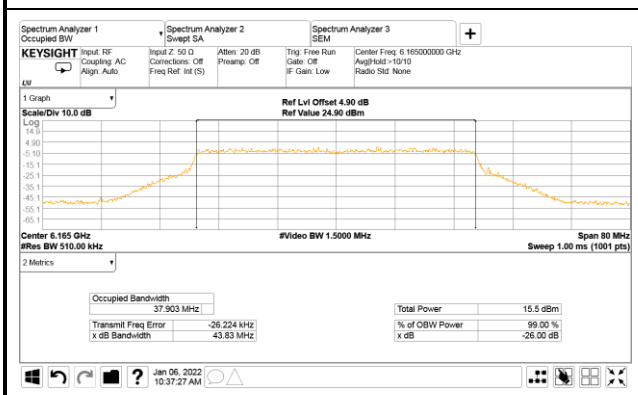
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

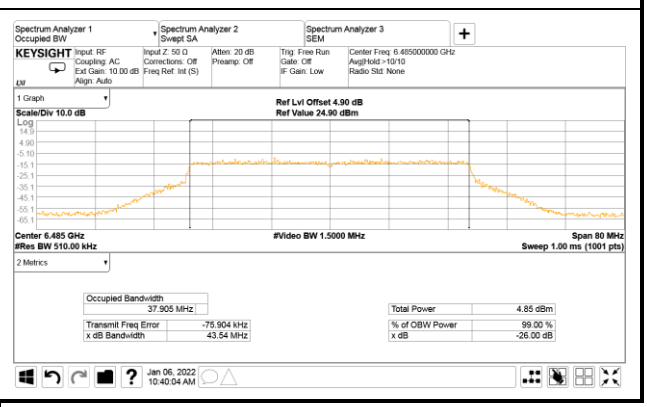
Tel: +886 2 26099301
Fax: +886 2 26099303

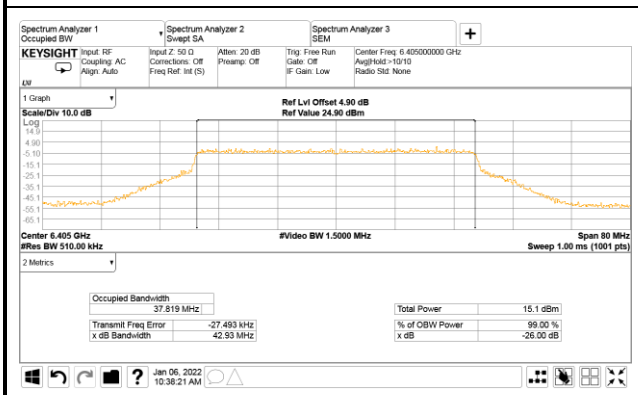
Mode: 802.11ax-HE40	
ANT A (AUX) Port	
U-NII Band 5	U-NII Band 6









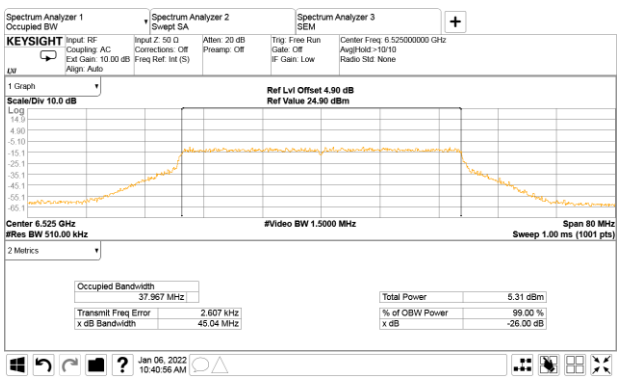


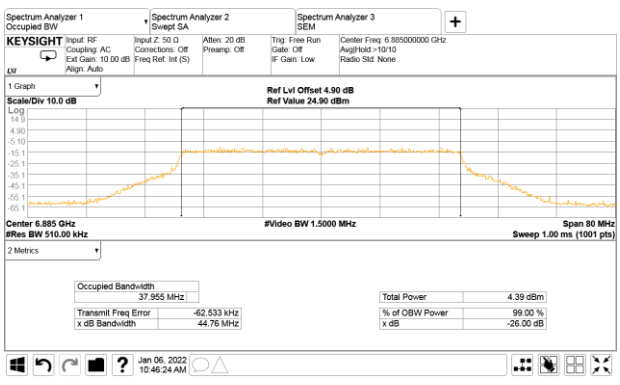
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

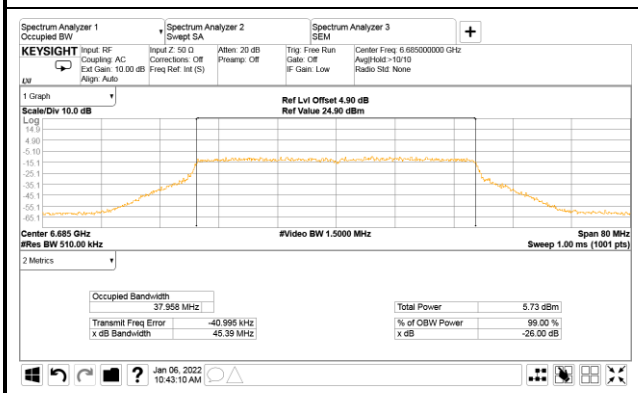
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

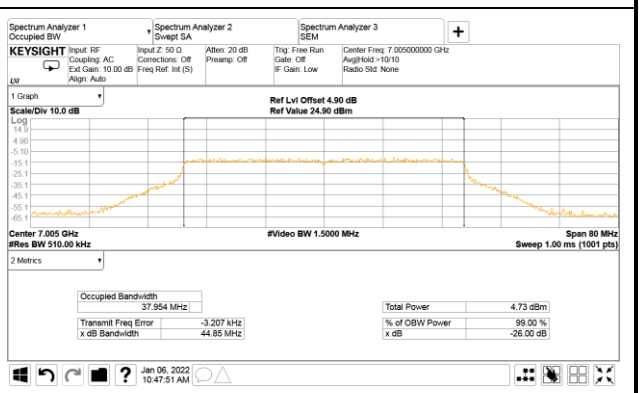
Tel: +886 2 26099301
Fax: +886 2 26099303

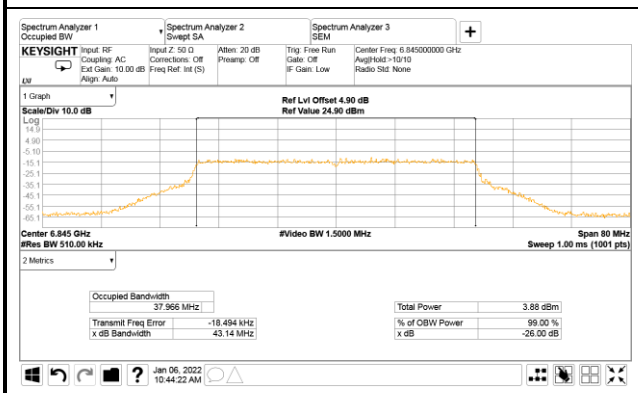
Mode: 802.11ax-HE40	
ANT A (AUX) Port	
U-NII Band 7	U-NII Band 8

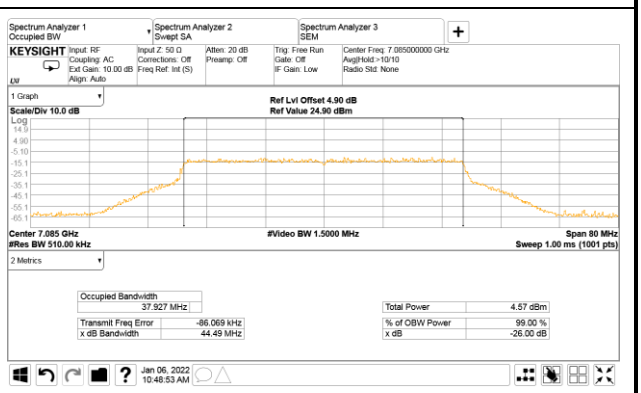










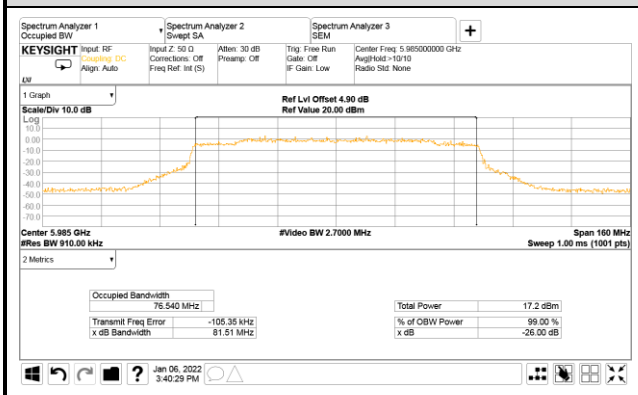


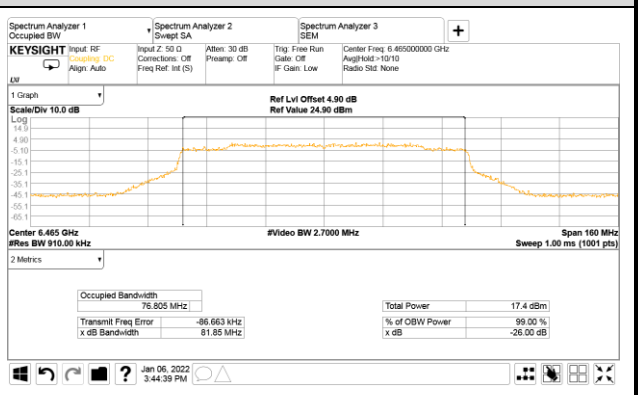
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

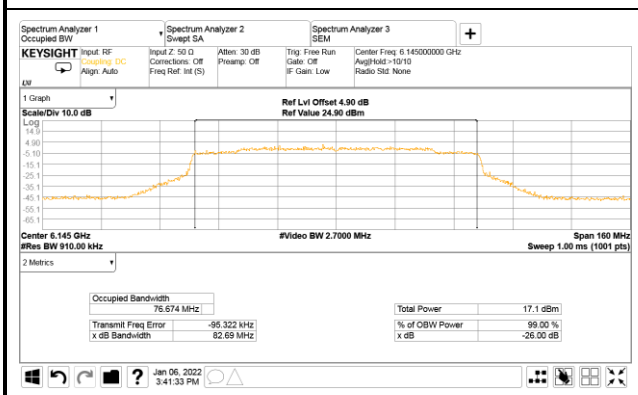
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

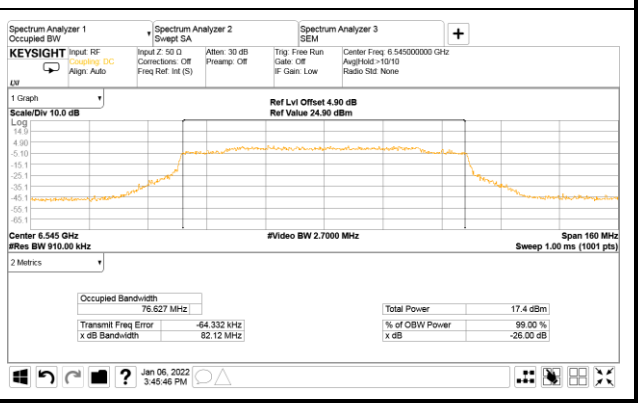
Tel: +886 2 26099301
Fax: +886 2 26099303

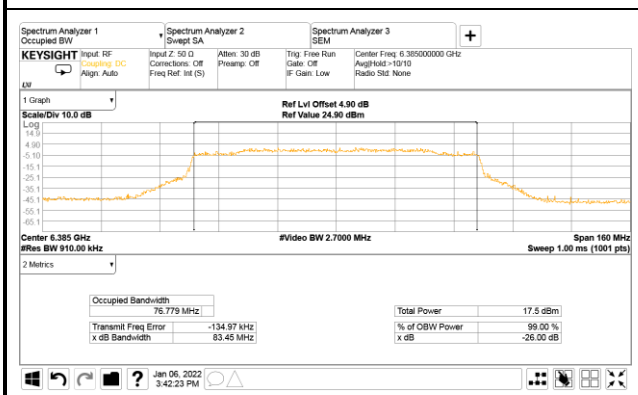
Mode: 802.11ax-HE80	
ANT A (AUX) Port	
U-NII Band 5	U-NII Band 6









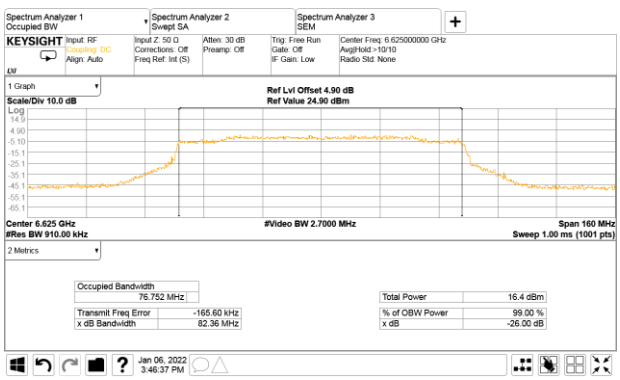


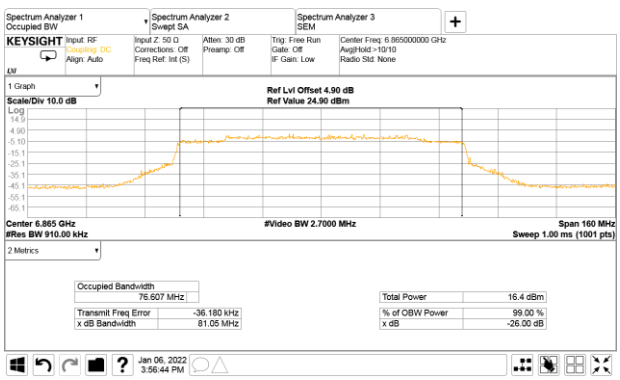
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

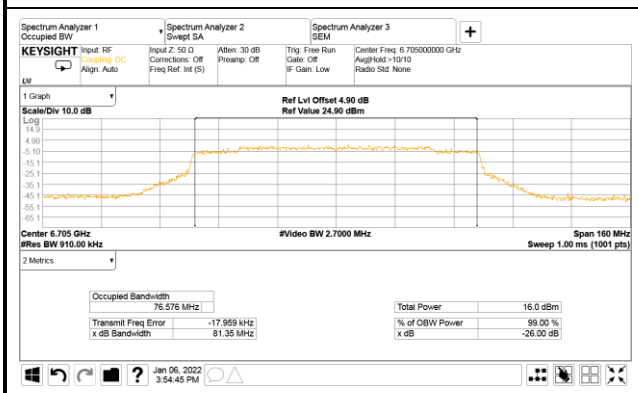
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

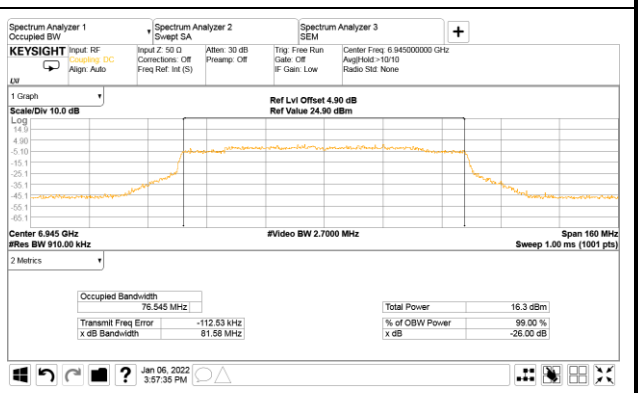
Tel: +886 2 26099301
Fax: +886 2 26099303

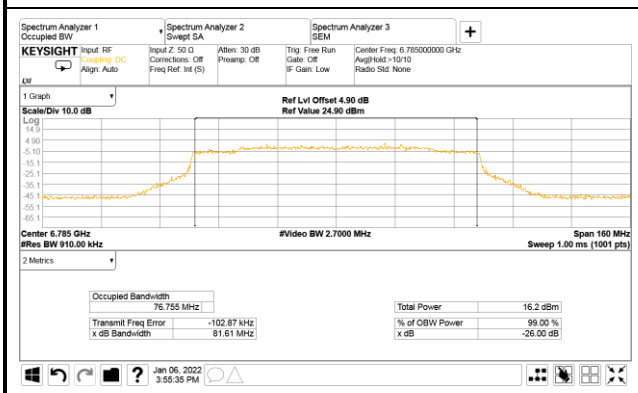
Mode: 802.11ax-HE80	
ANT A (AUX) Port	
U-NII Band 7	U-NII Band 8

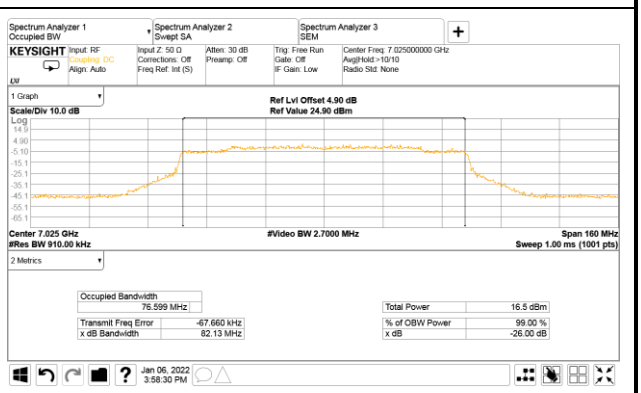










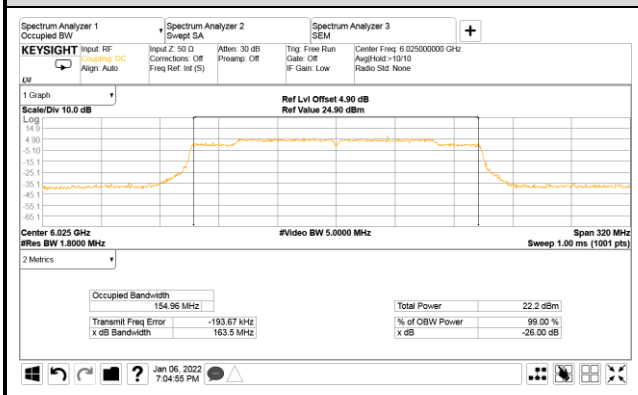


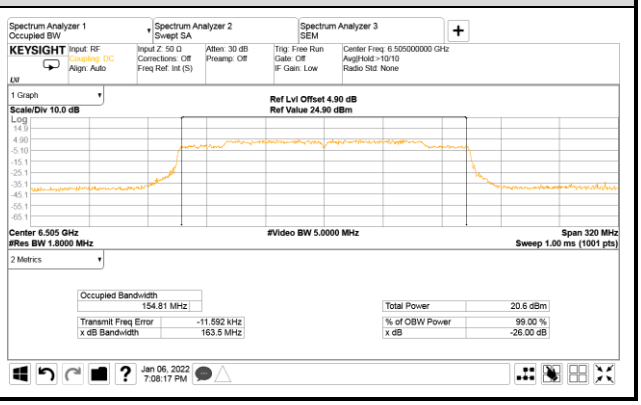
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

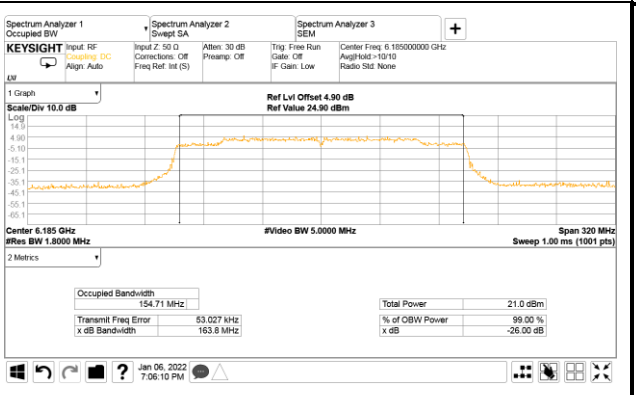
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

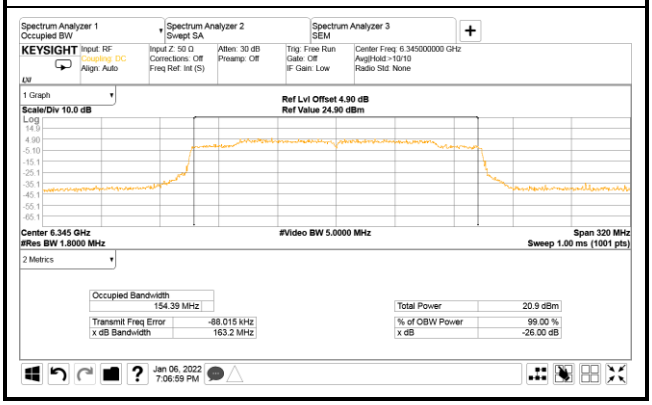
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode: 802.11ax-HE160	
ANT A (AUX) Port	
U-NII Band 5	U-NII Band 6







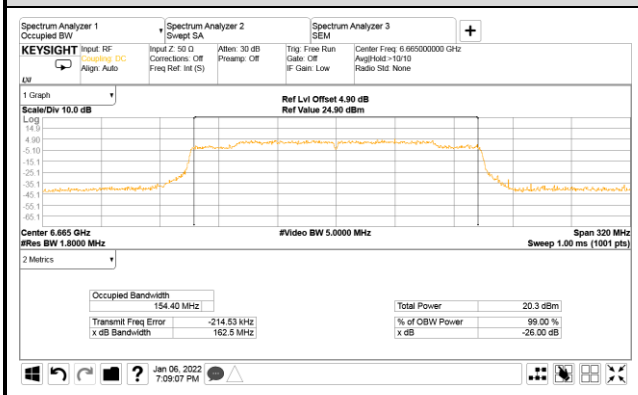


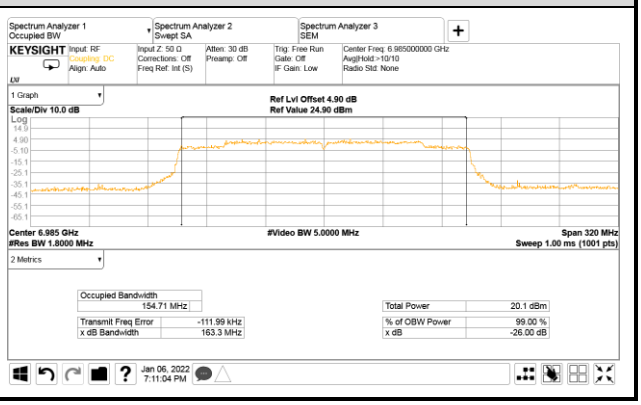
This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

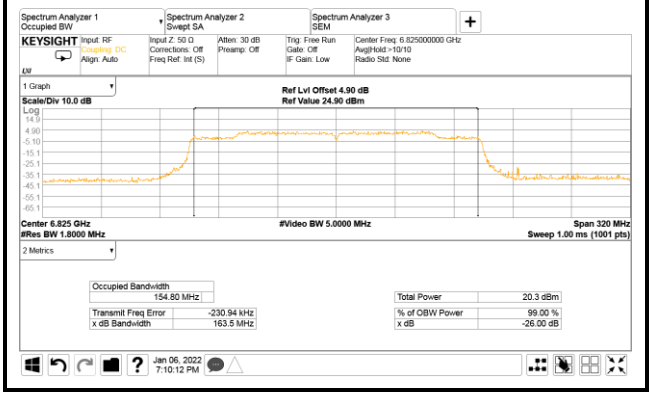
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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

Mode: 802.11ac-VHT160	
ANT A (AUX) Port	
U-NII Band 7	U-NII Band 8





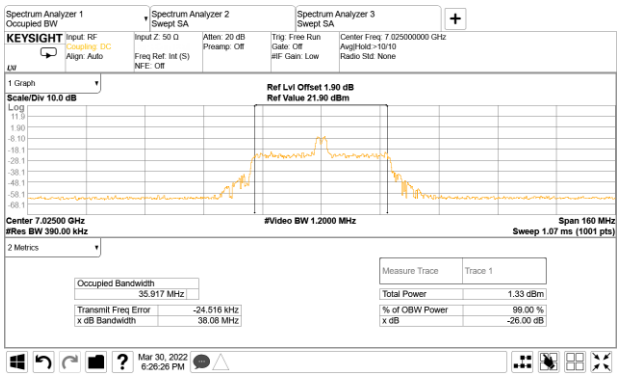
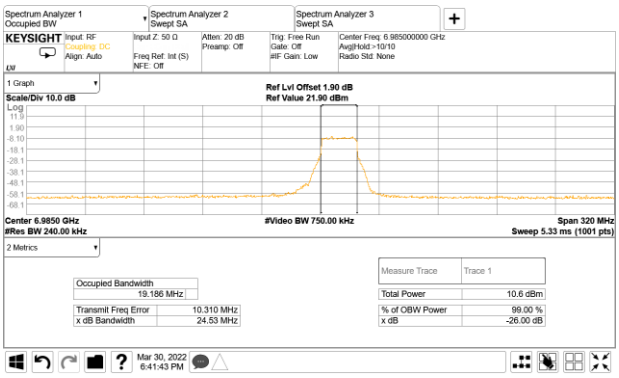
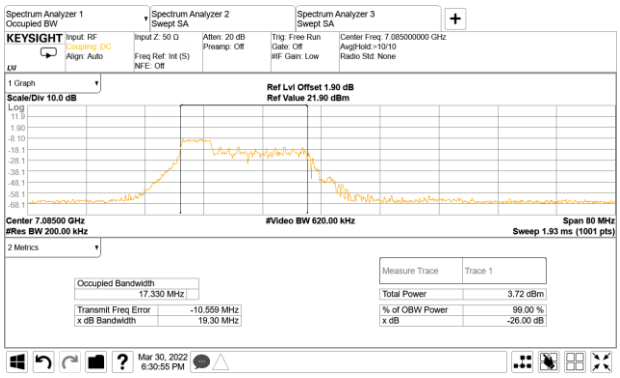
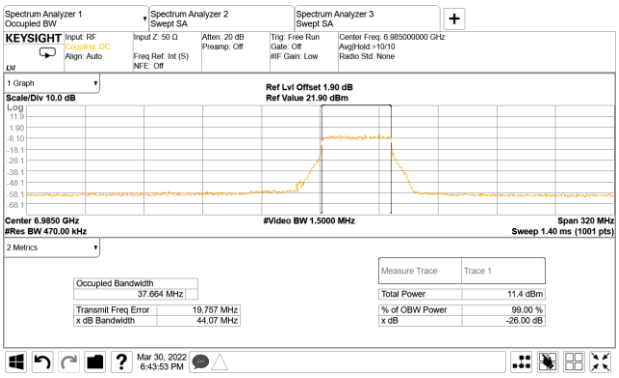
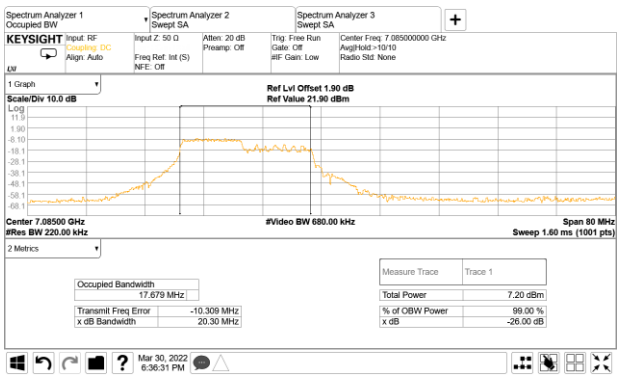
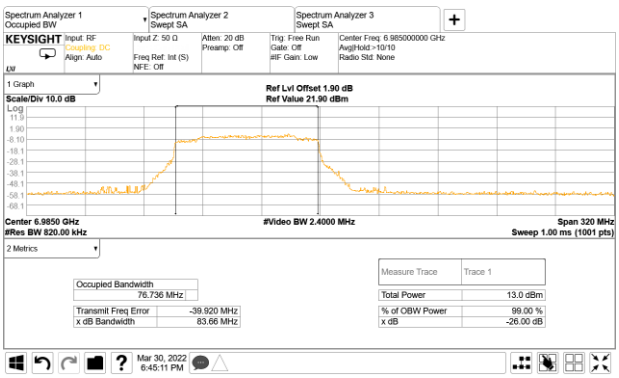


This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

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

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

- OFDMA Modulation

ANT A (AUX) Port	
Tones: 26T	Tones: 242T
RU Index: 18	RU Index: S61
Mode: 802.11ax-HE80	Mode: 802.11ax-HE160
Centre Frequency: 7025MHz	Centre Frequency: 6985MHz
	
Tones: 52T	Tones: 484T
RU Index: 37	RU Index: S65
Mode: 802.11ax-HE40	Mode: 802.11ax-HE160
Centre Frequency: 7085MHz	Centre Frequency: 6985MHz
	
Tones: 106T	Tones: 996T
RU Index: 53	RU Index: 67
Mode: 802.11ax-HE40	Mode: 802.11ax-HE160
Centre Frequency: 7085MHz	Centre Frequency: 6985MHz
	

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.