

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.

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	
		6665	163.1	152.81	162.8	153.09	
	7	6825	162.8	153.49	162.6	152.75	
		6985	163.3	152.94	162.6	153.08	

Note: All results have been included cable loss.

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	
		6525	45.04	37.967	43.88	37.856	
	7	6685	45.39	37.958	43.97	37.848	
		6845	43.14	37.966	44.13	37.829	
		6885	44.76	37.955	43.01	37.865	
	8	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	
		6625	82.36	76.752	81.78	76.724	
	7	6705	81.35	76.576	81.34	76.748	
		6785	81.61	76.755	81.19	76.592	
		6865	81.05	76.607	81.63	76.598	
	8	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	
		6665	162.5	154.40	164.0	154.42	
	7	6825	163.5	154.80	163.6	154.57	
		6985	163.3	154.71	163.5	154.08	

Note: All results have been included cable loss.

● 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	

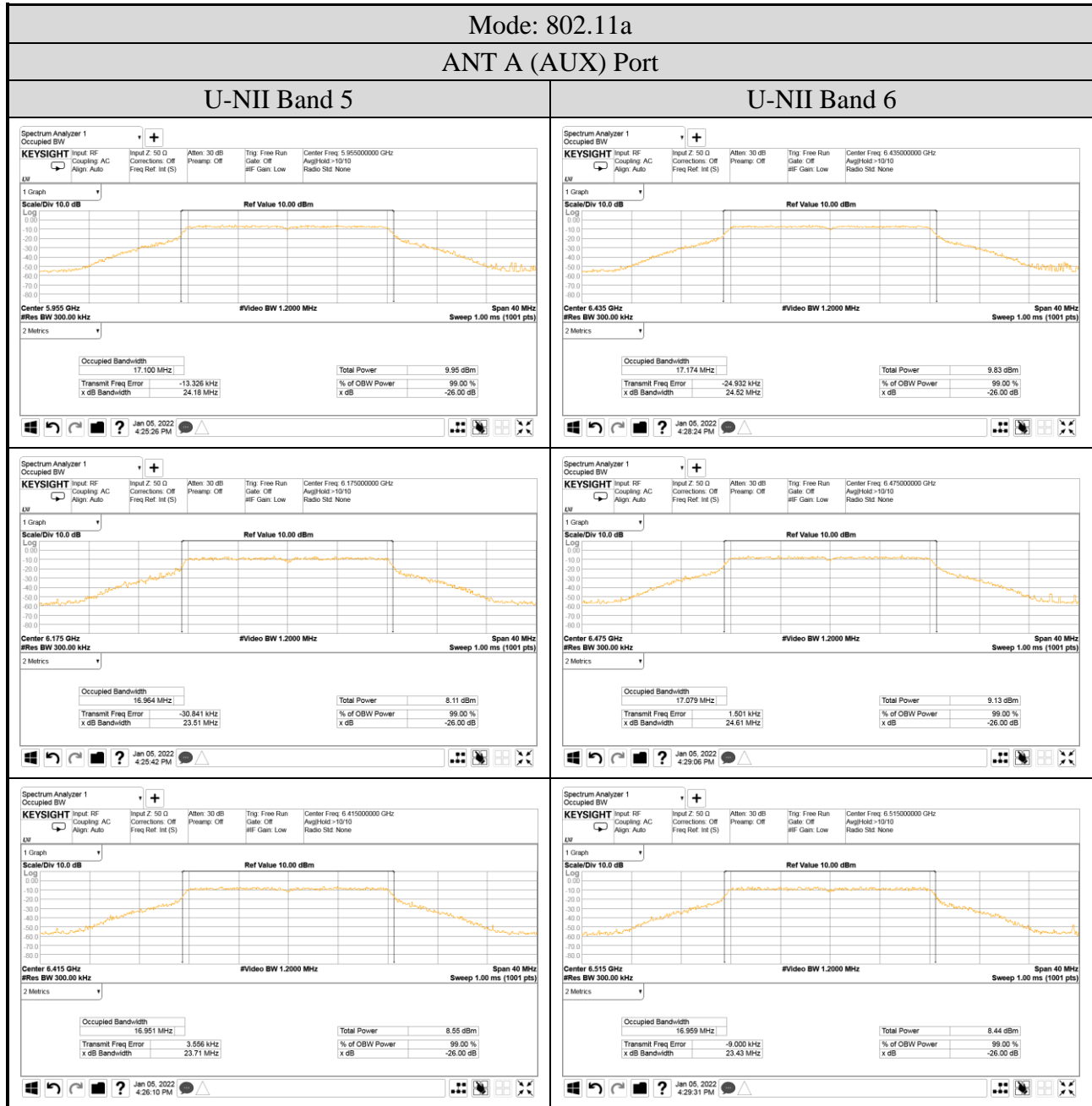
Note: All results have been included cable loss.

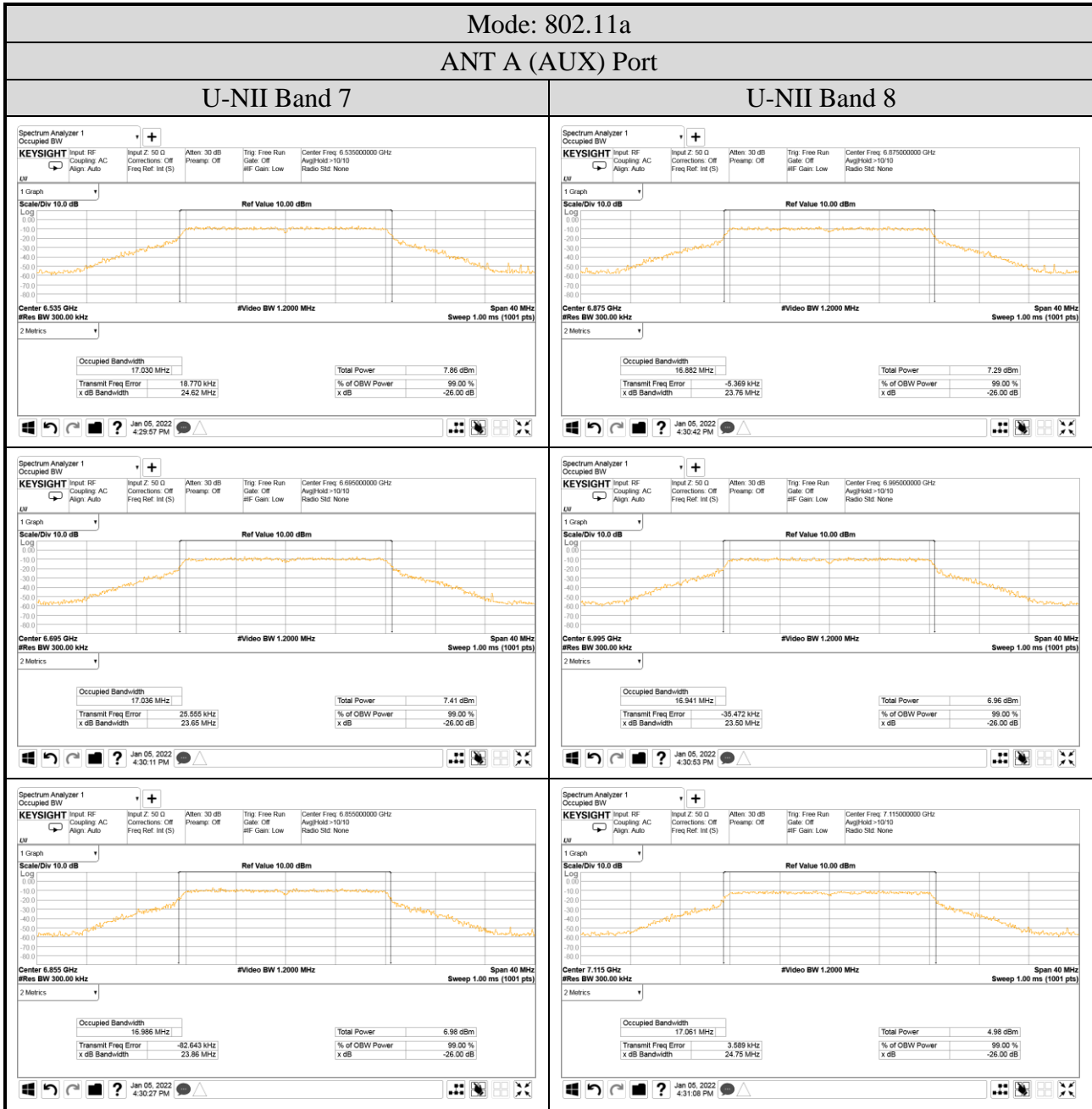
Audix Technology Corp.
 No. 491, Zhongfu Rd., Linkou Dist.,
 New Taipei City 244, Taiwan

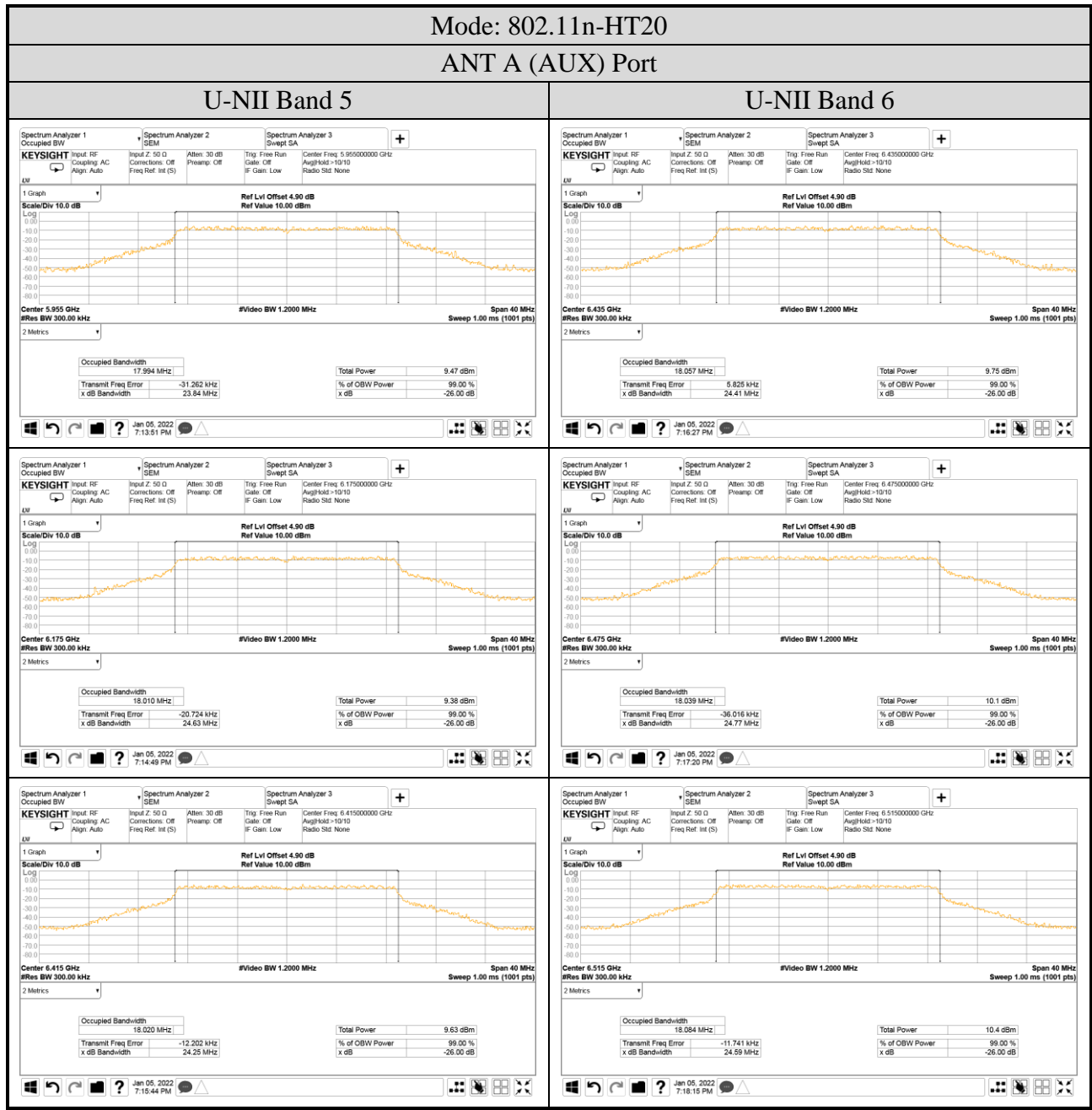
Tel: +886 2 26099301
Fax: +886 2 26099303

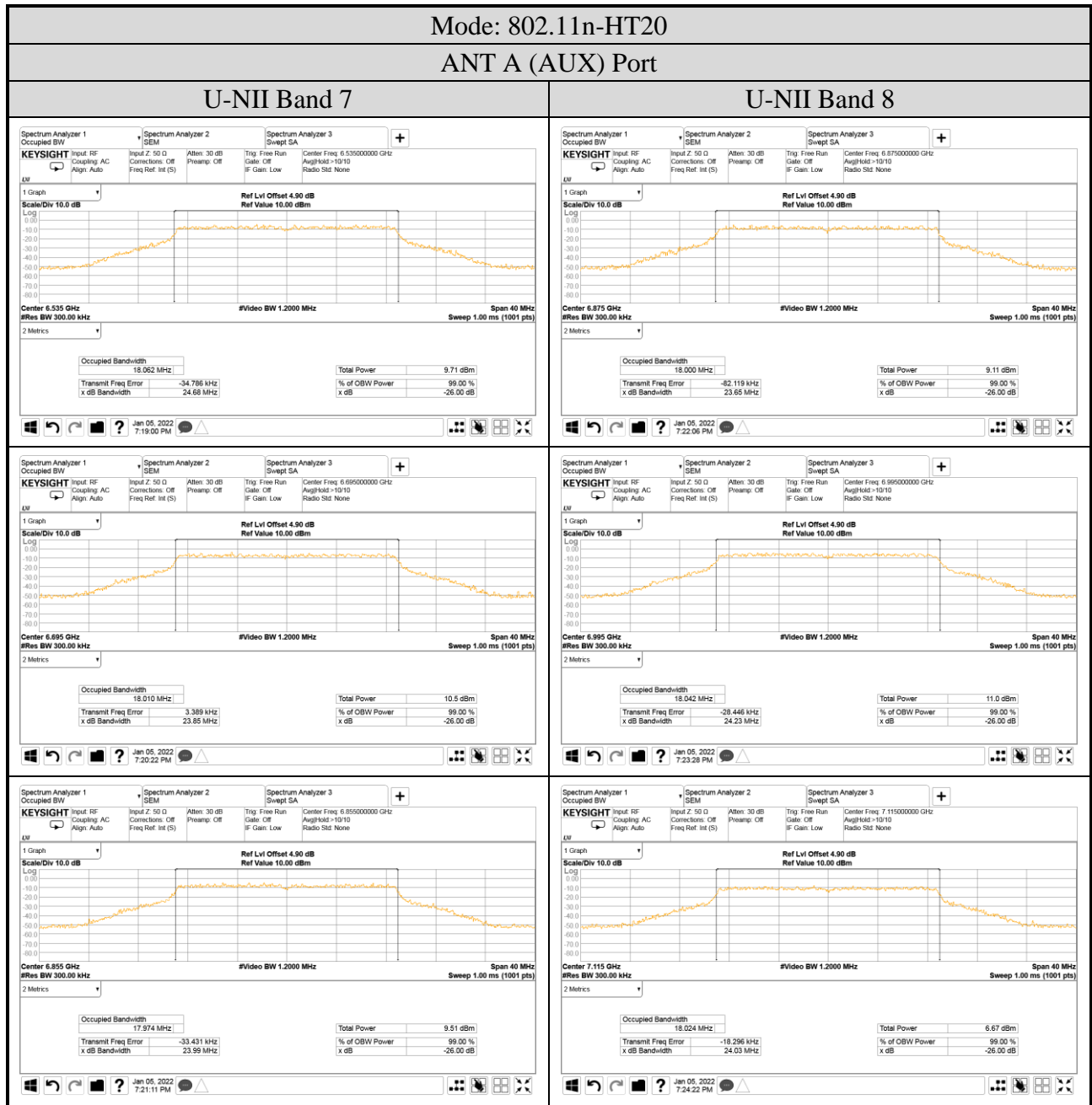
A.5.2 Measurement Plots

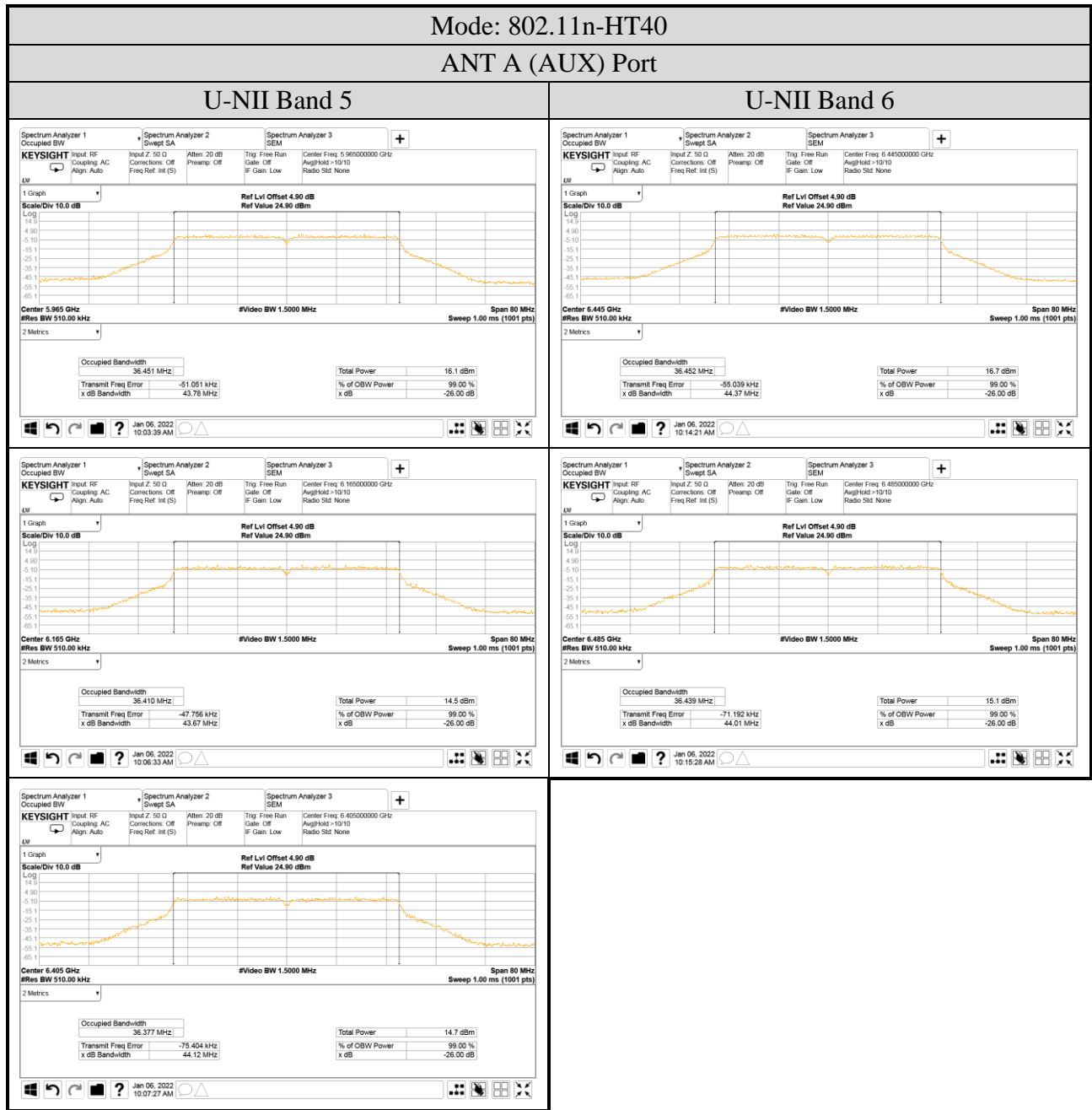
- For ANT A (AUX) Port
- OFDM Modulation

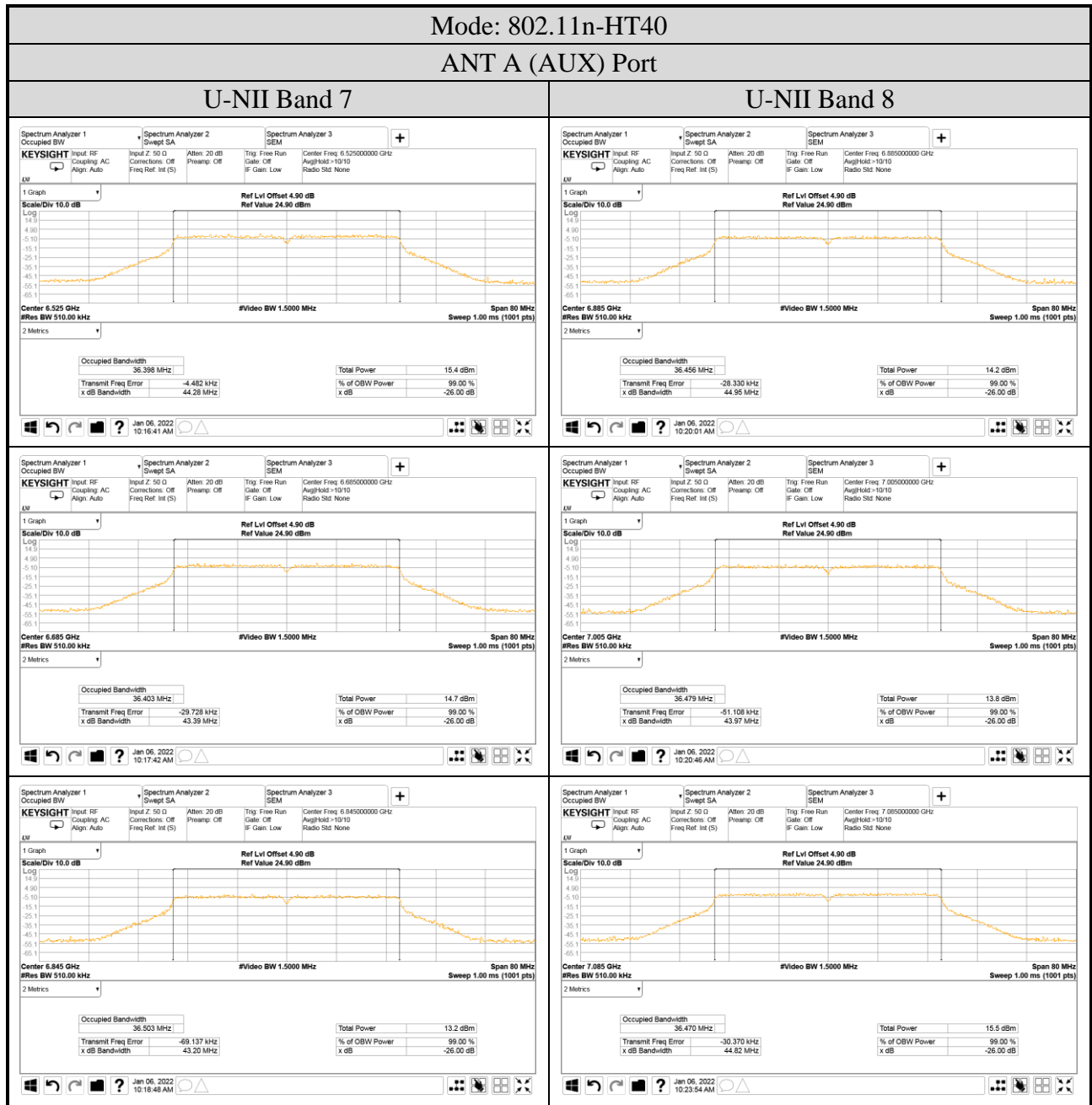


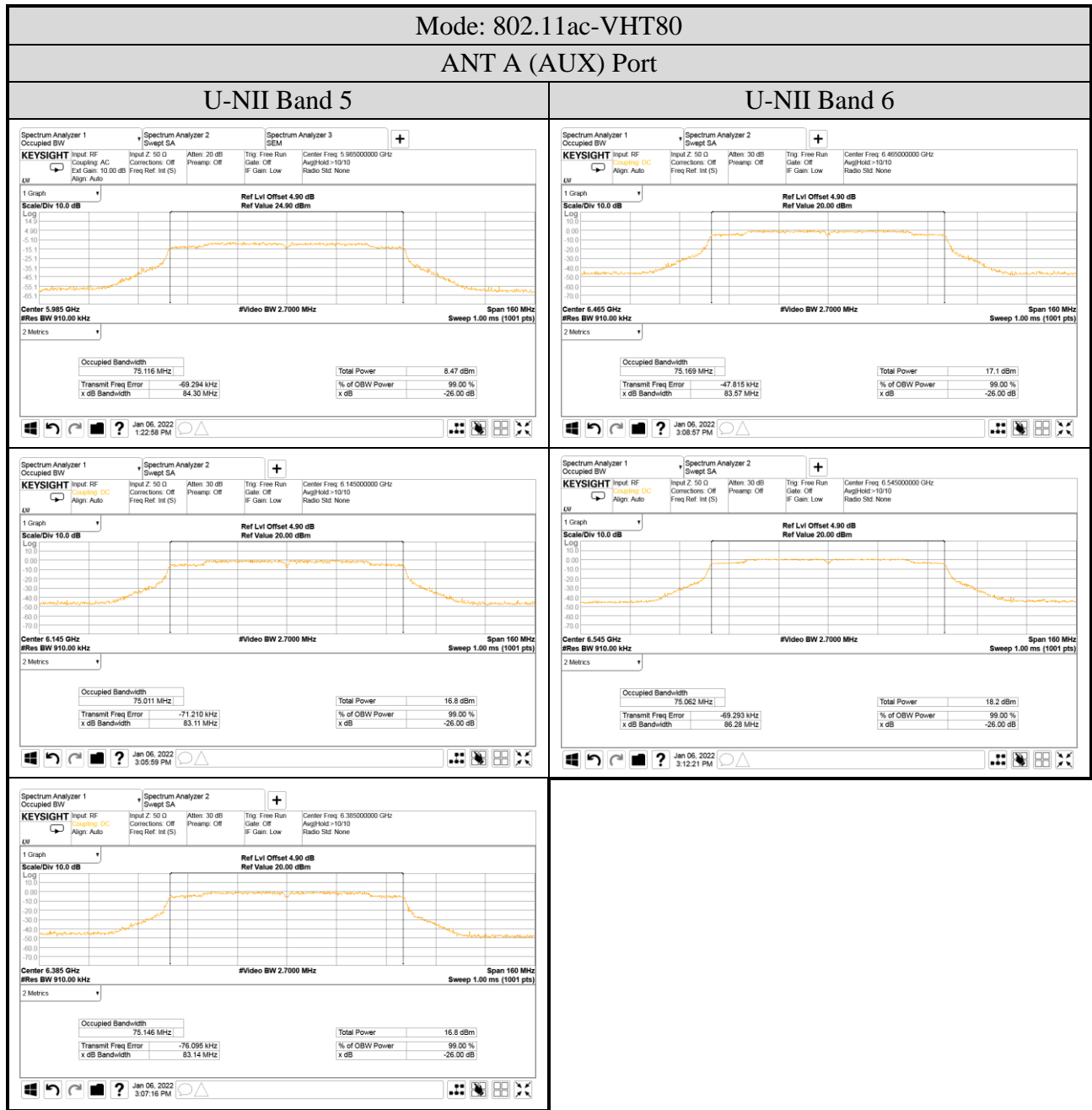


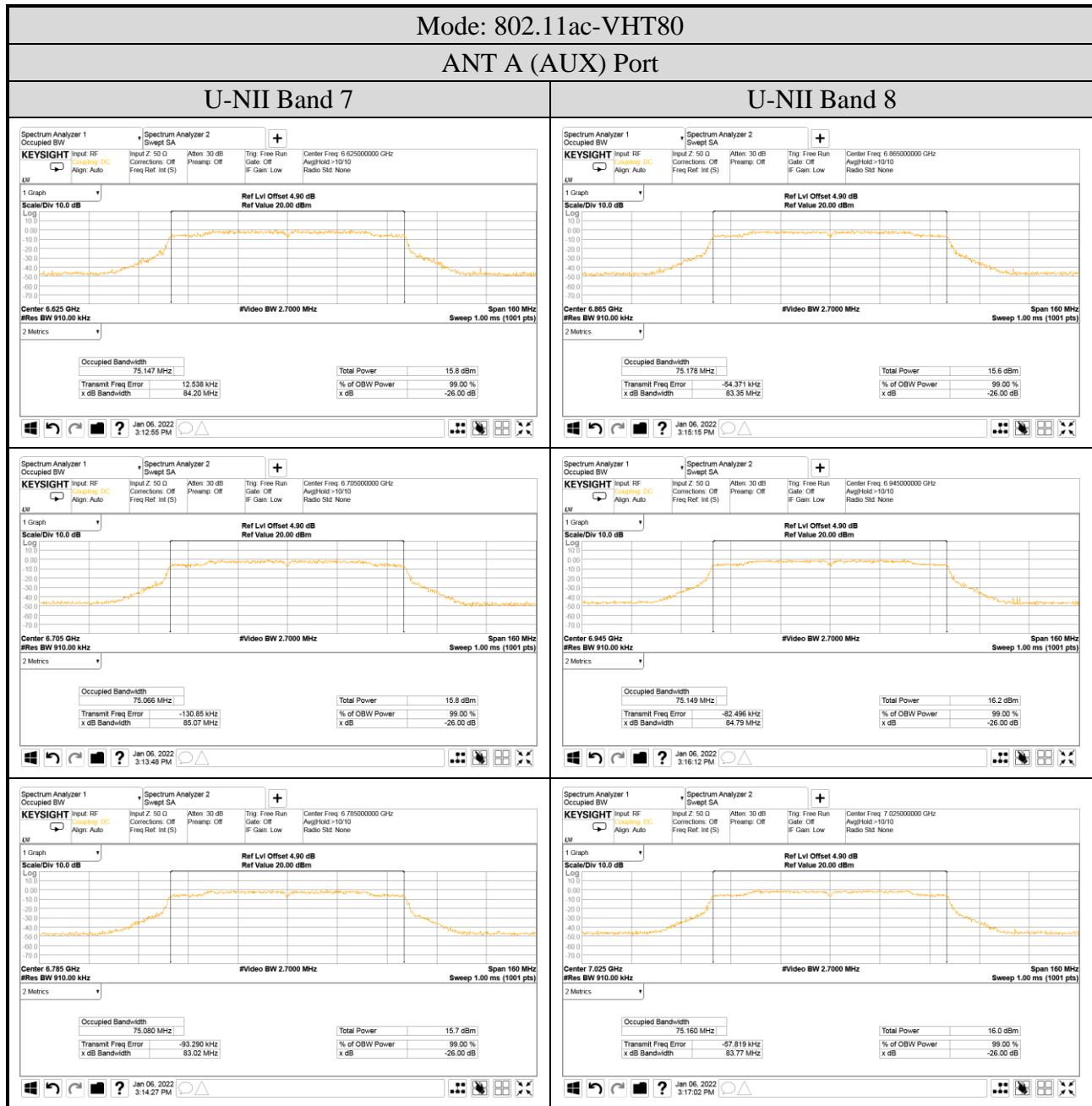


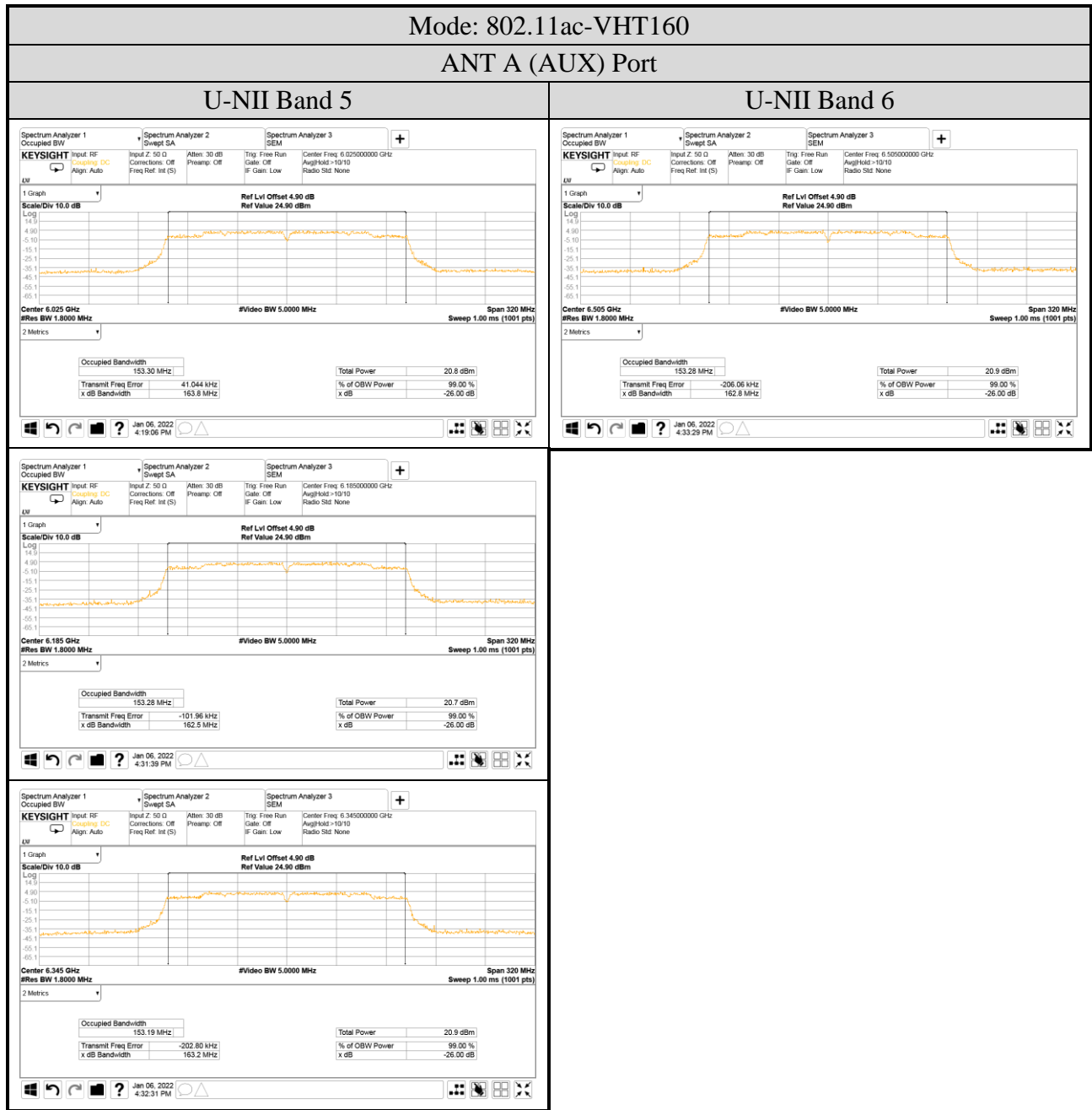


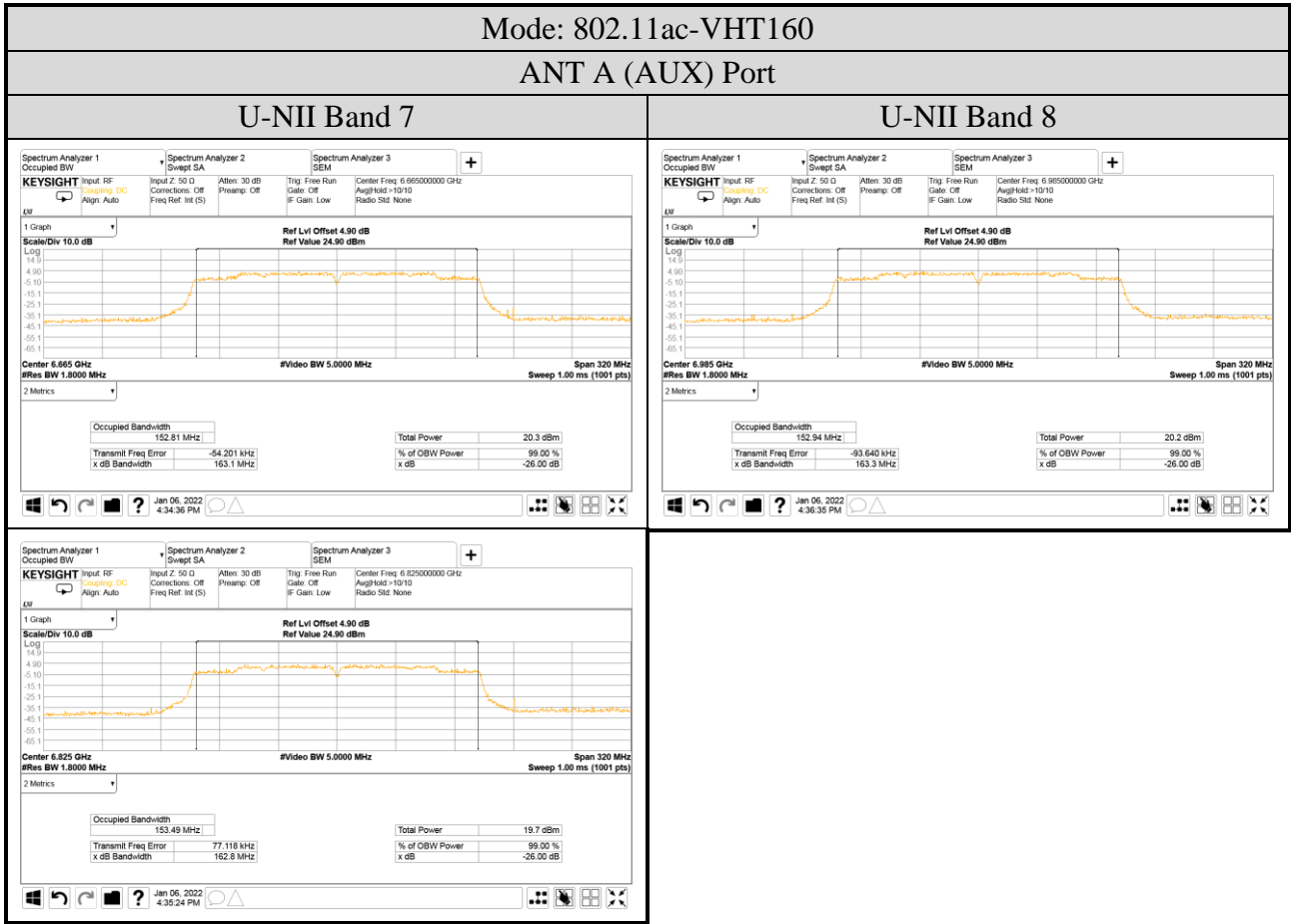


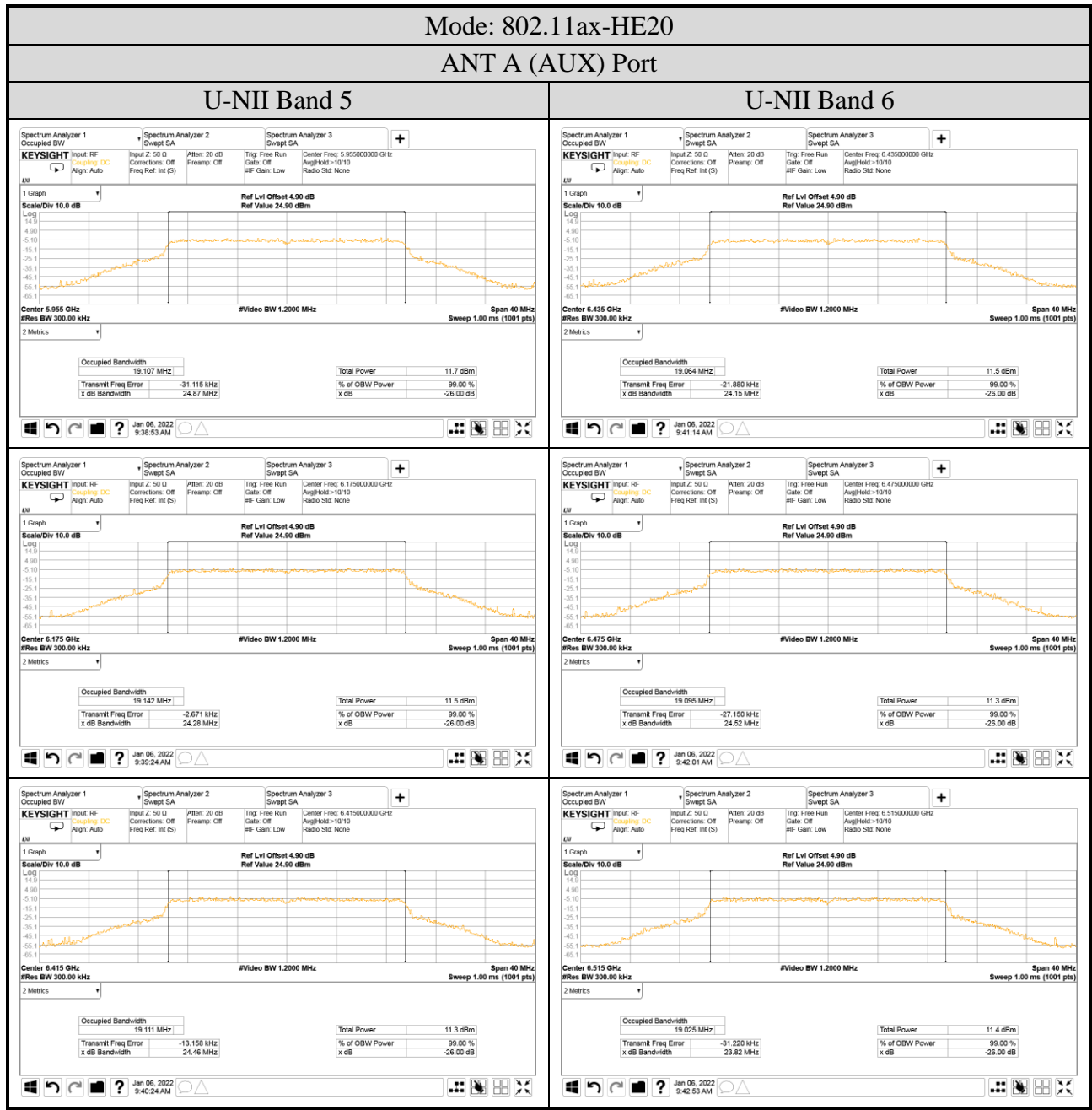


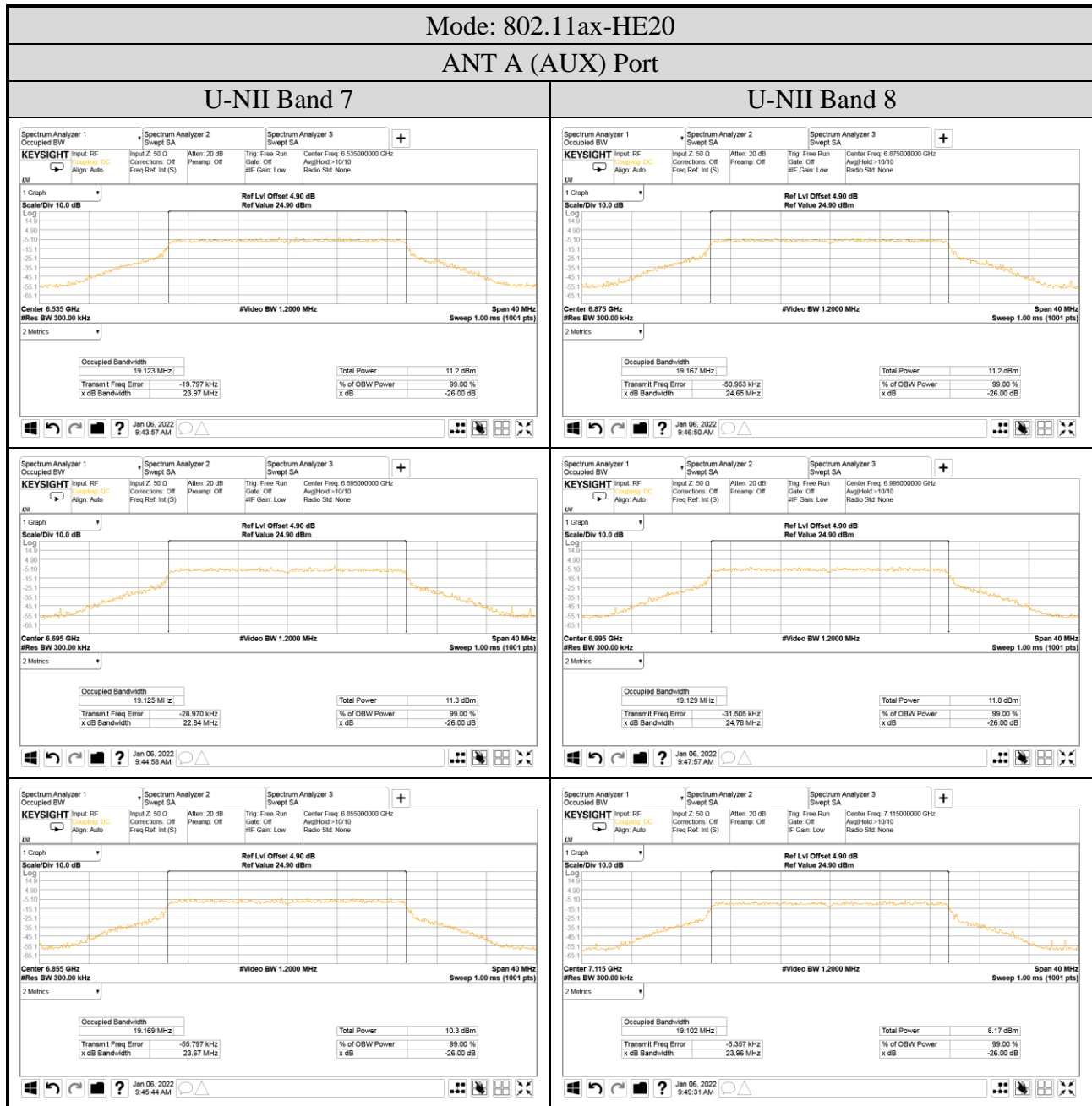


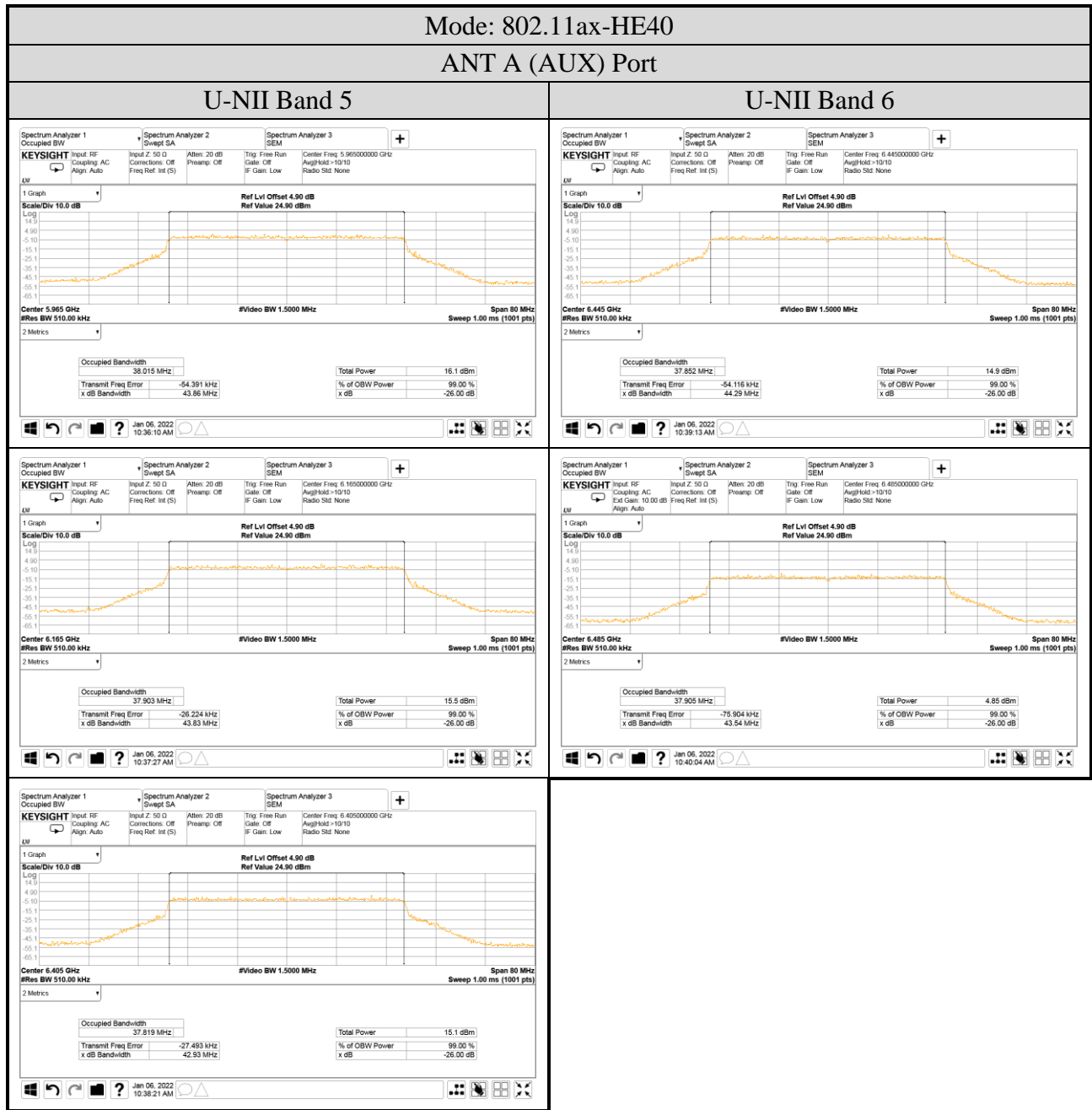


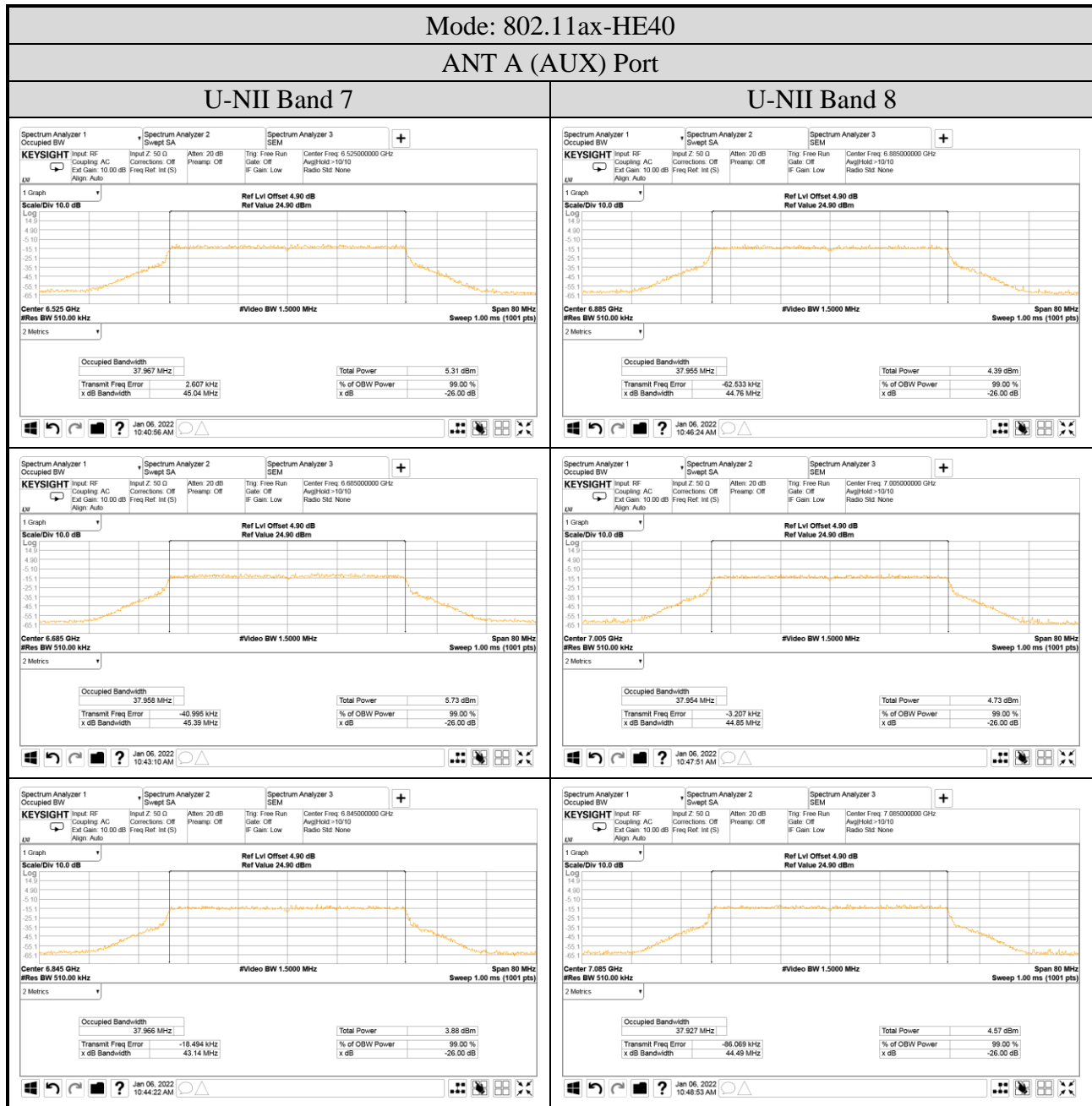


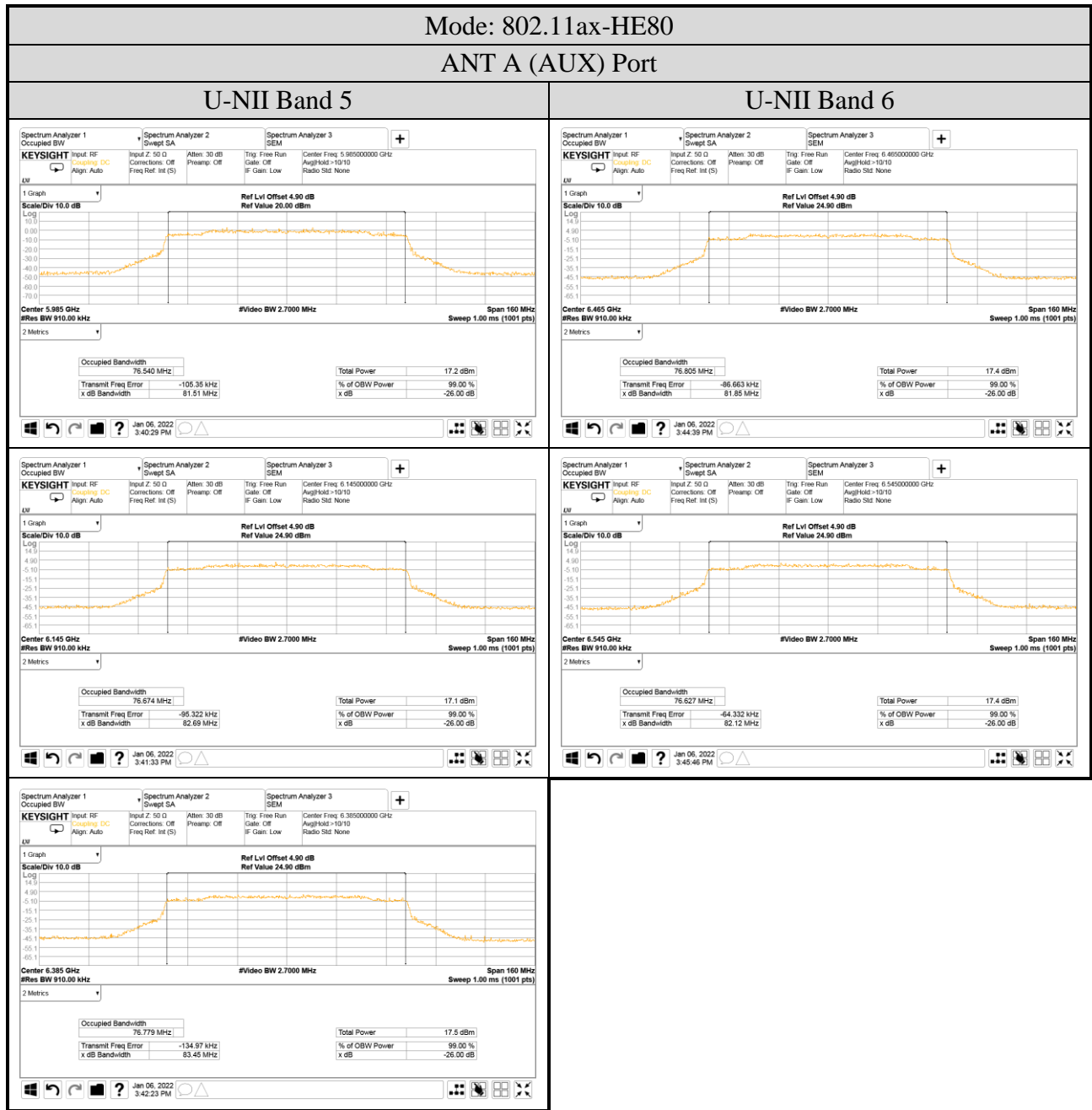


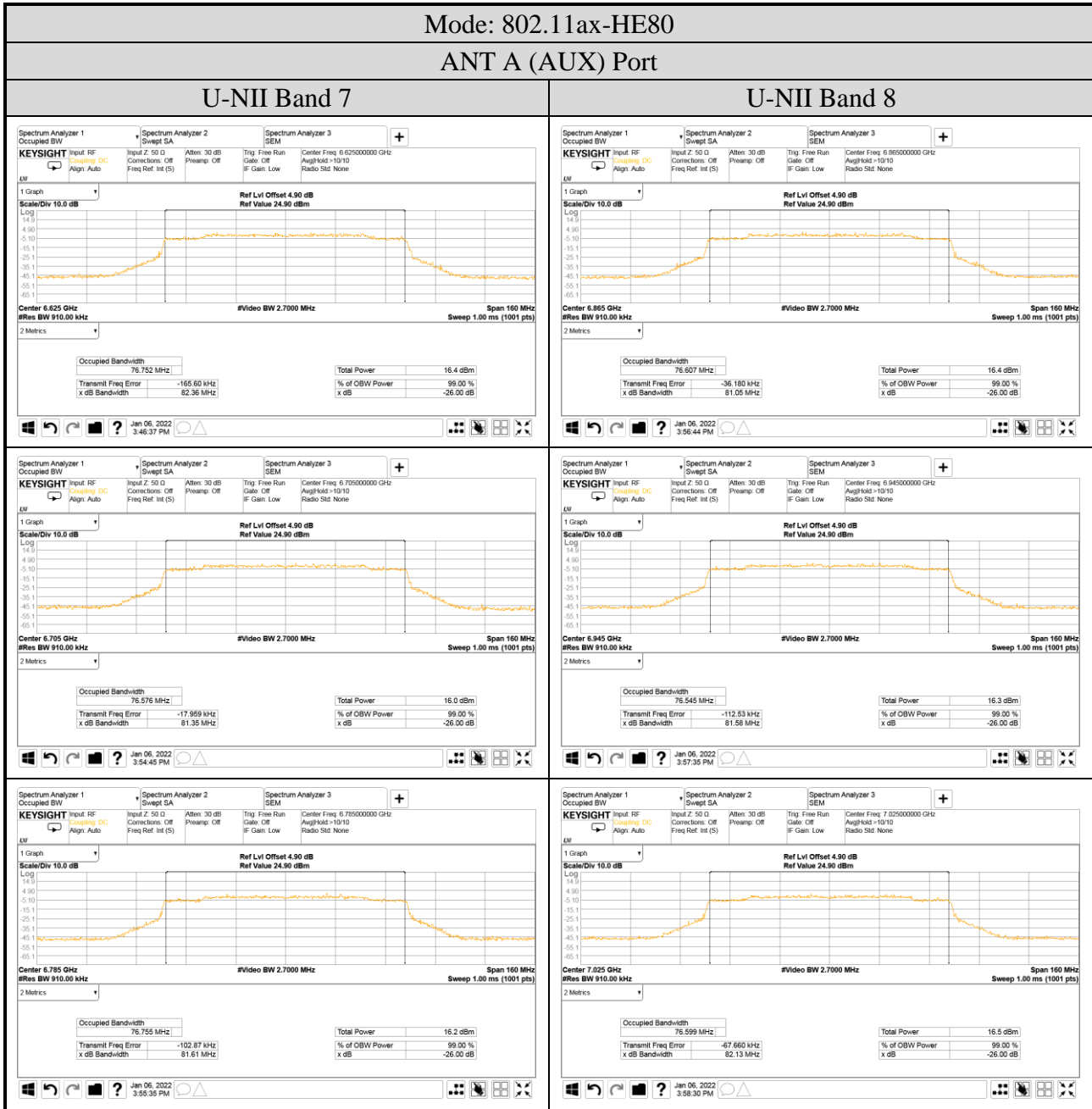


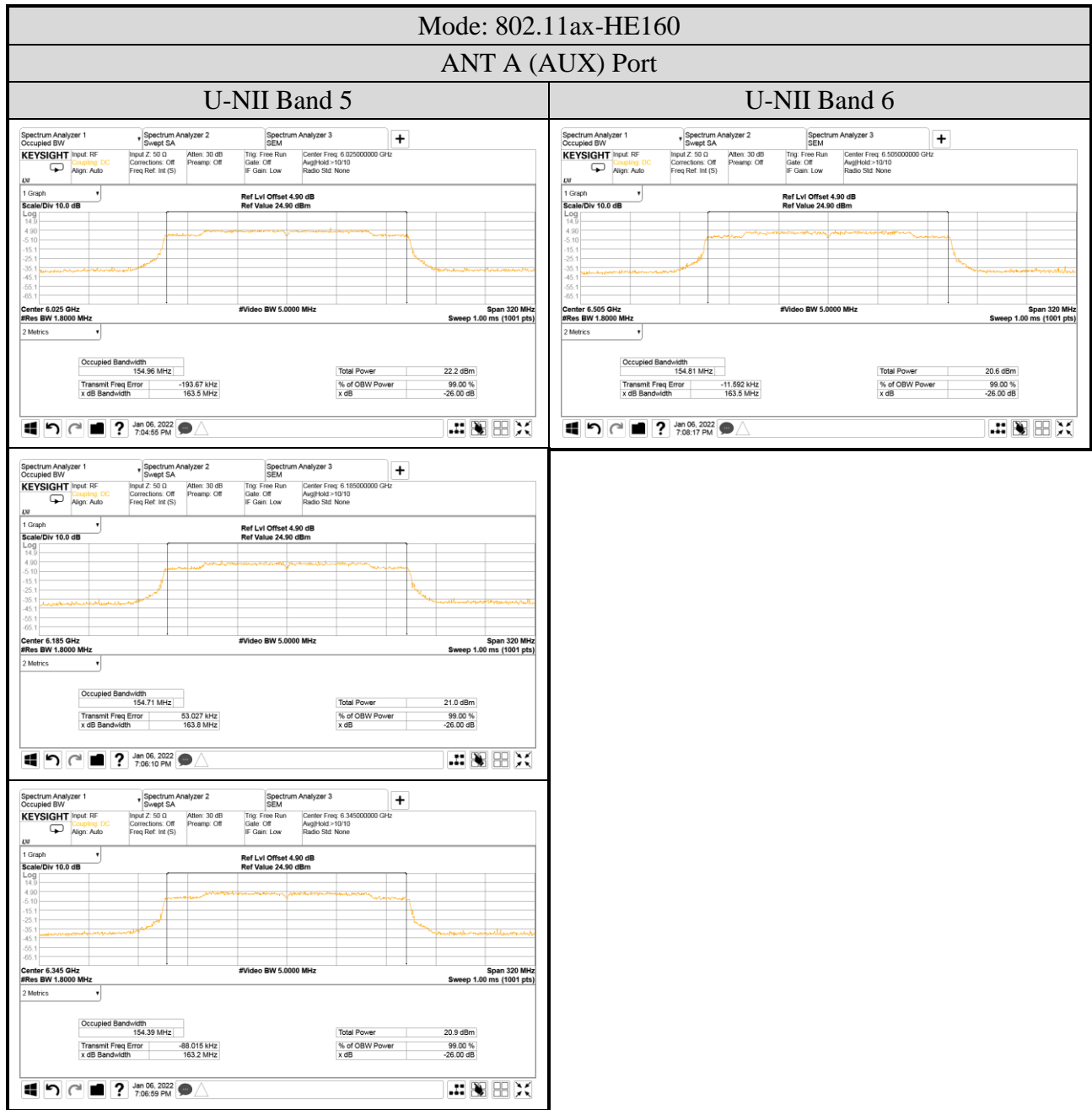


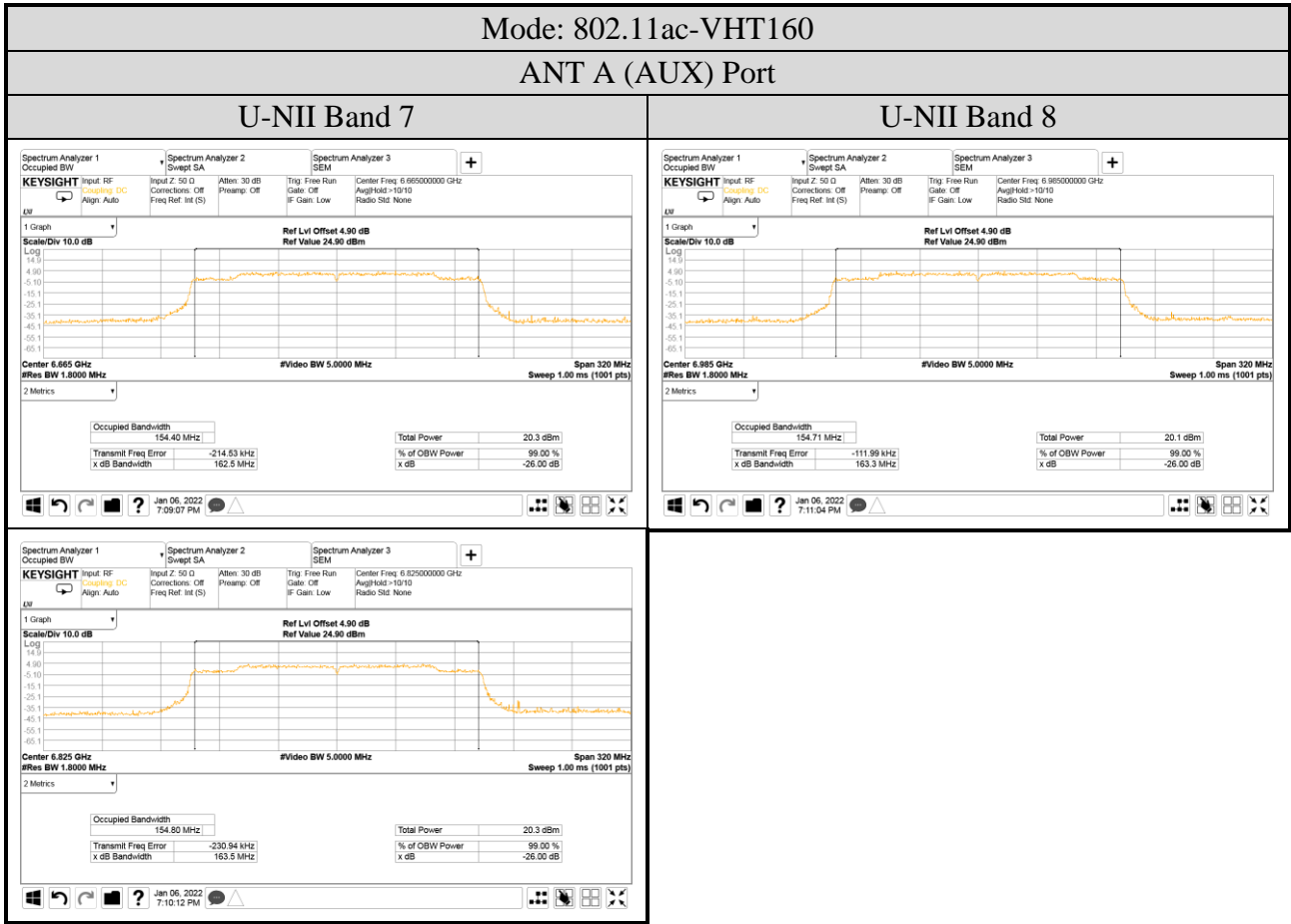












● OFDMA Modulation

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