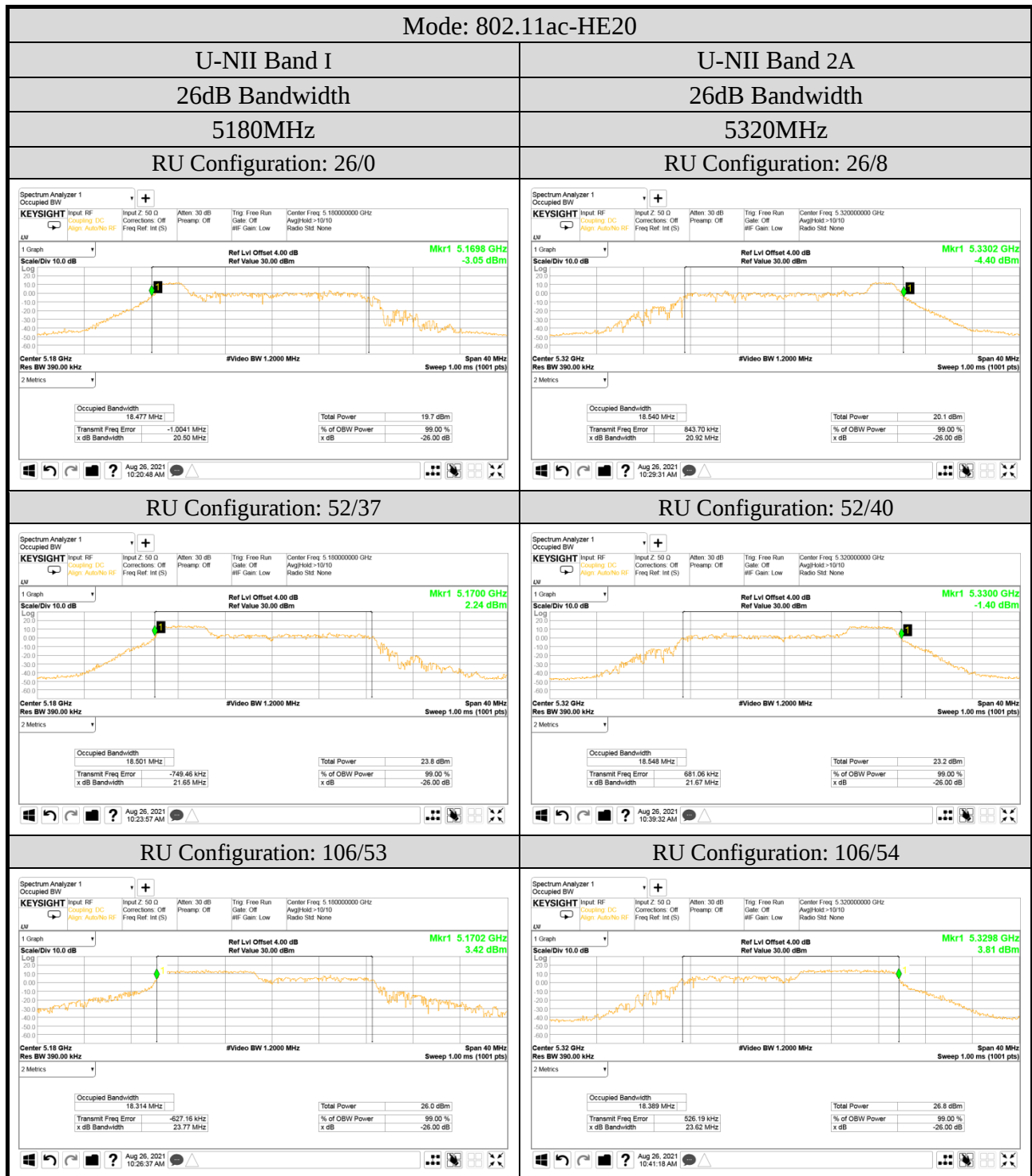
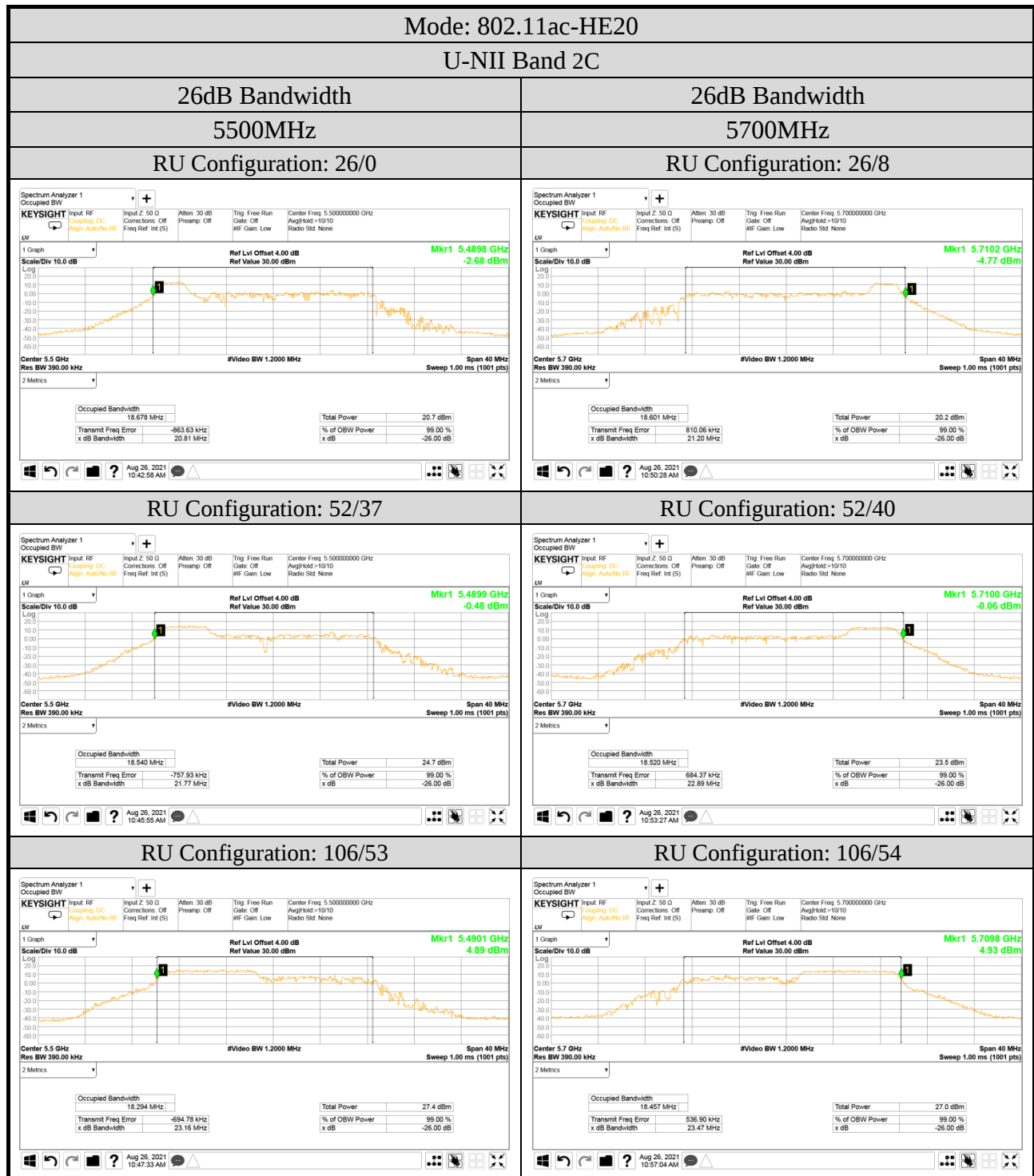


Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

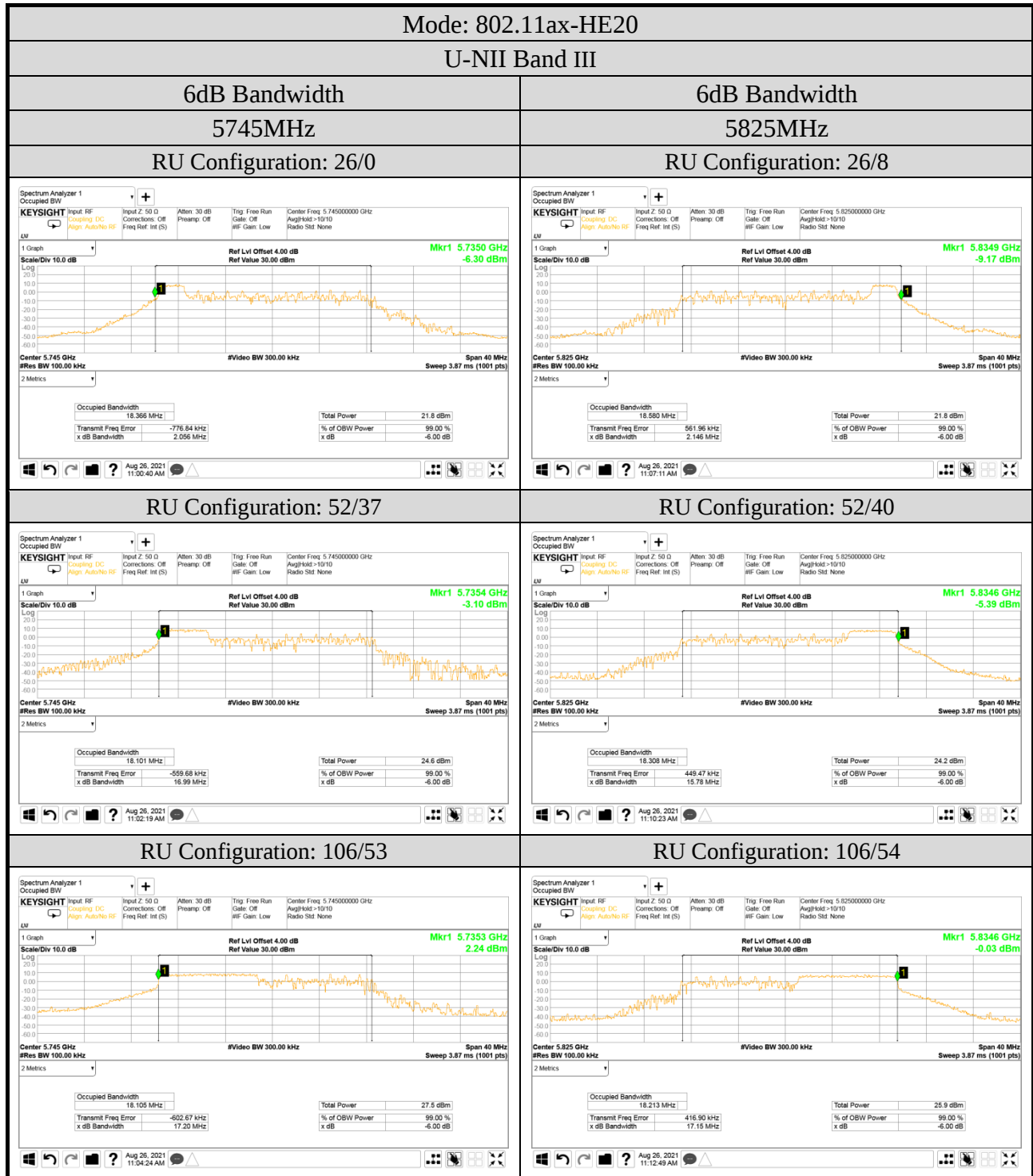
Tel: +886 2 26099301
Fax: +886 2 26099303





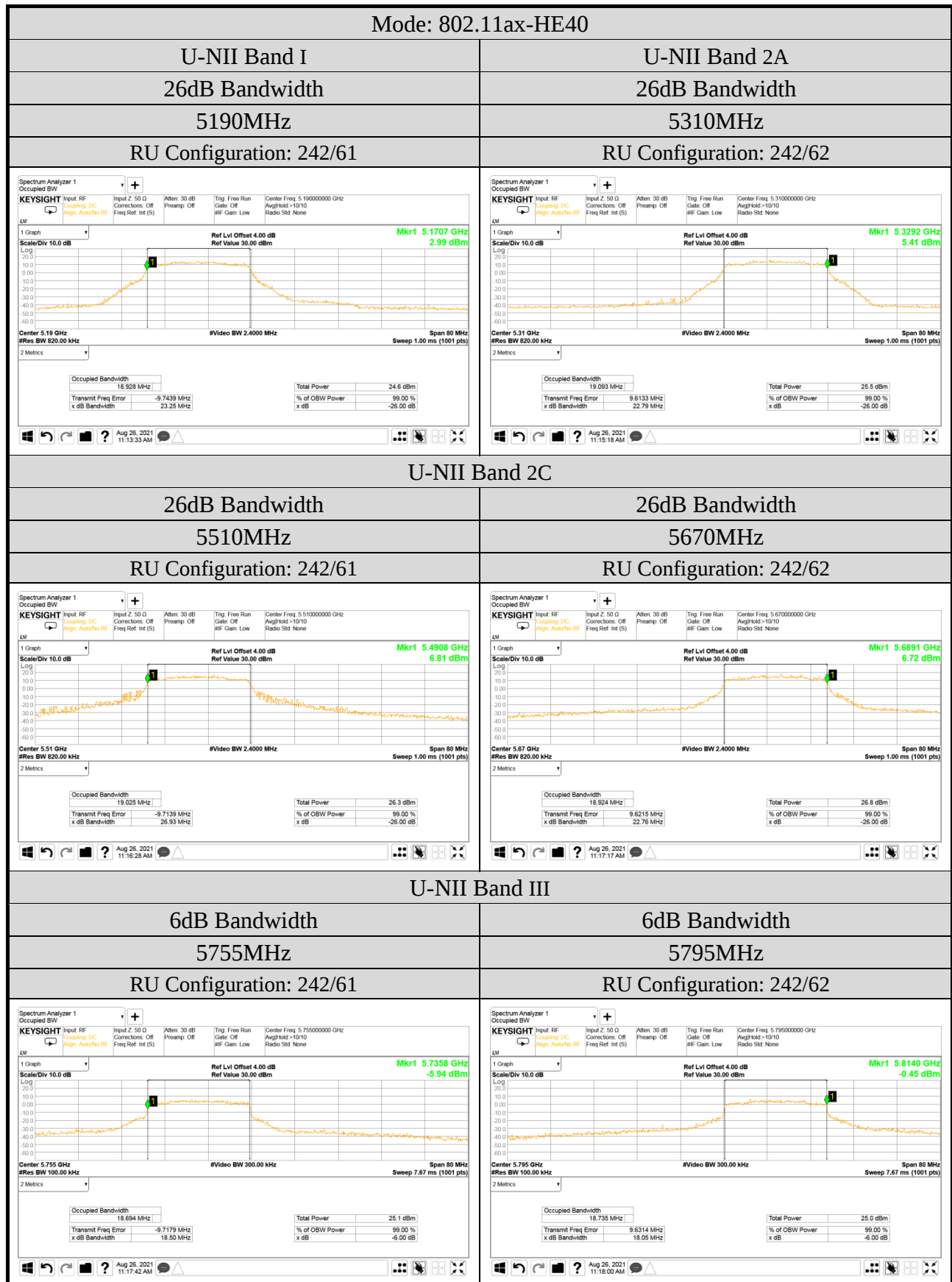
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



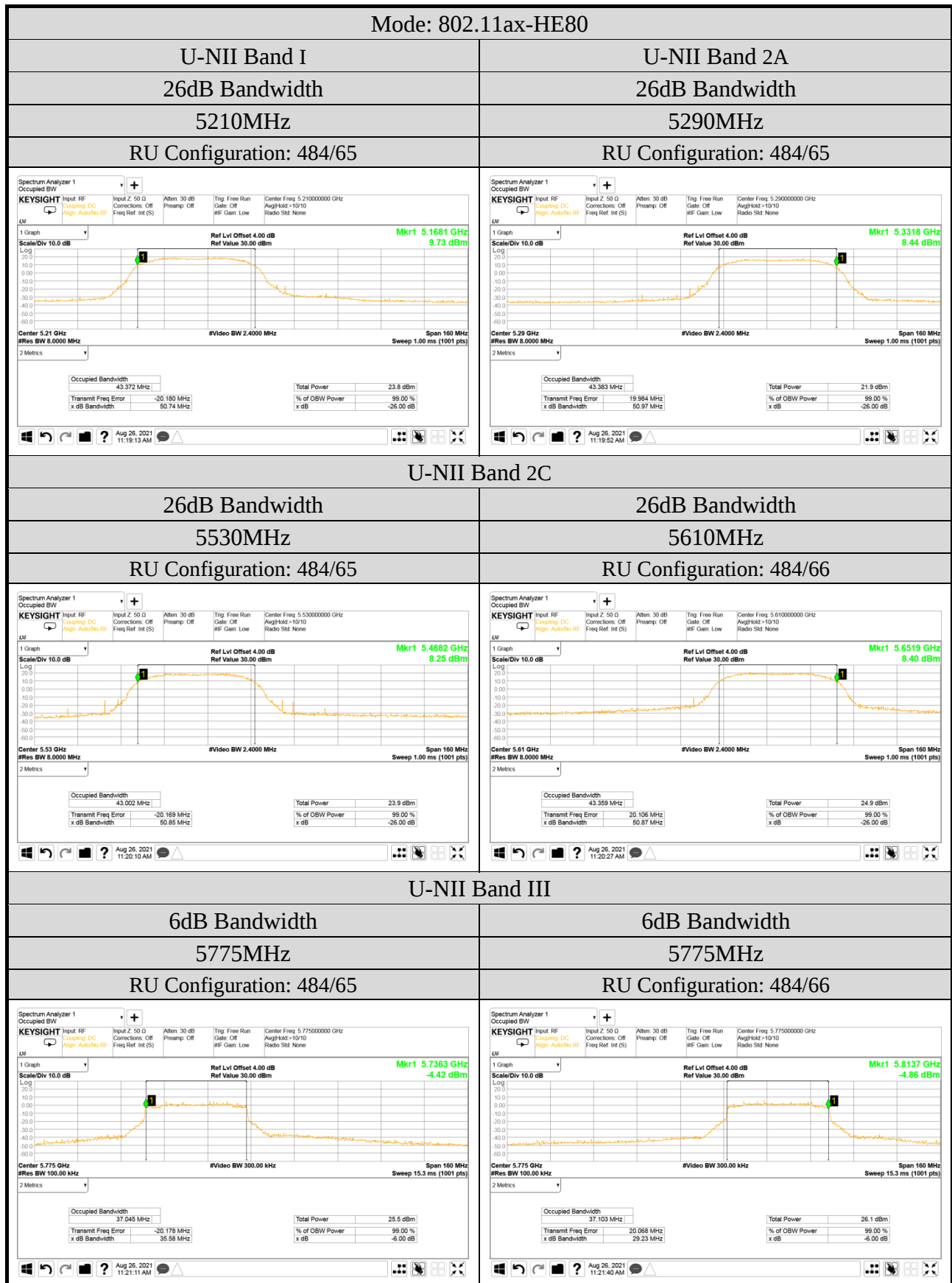
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



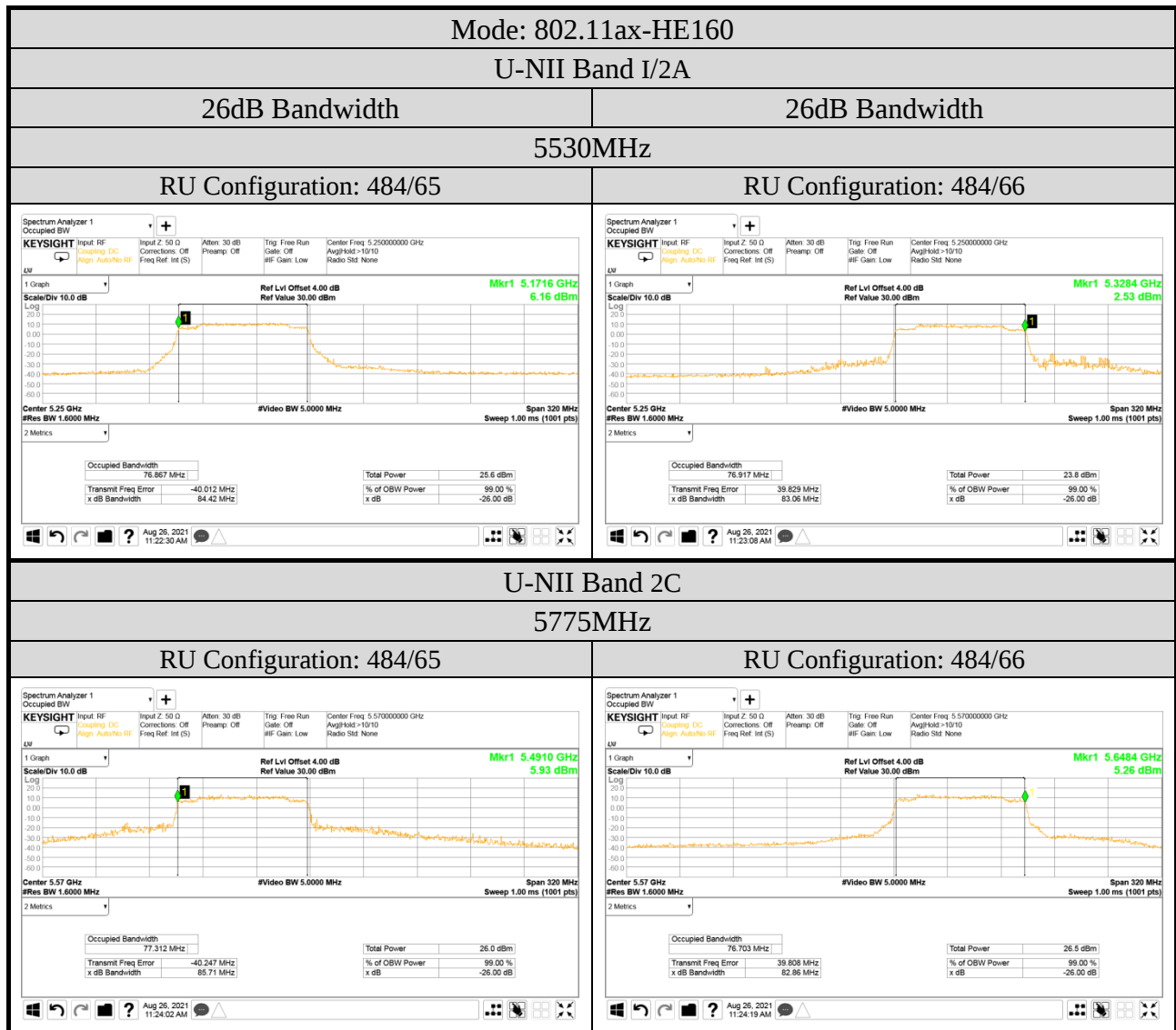
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



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

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



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

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

A.4 MAXIMUM OUTPUT POWER

Test Date	2021/08/04~13	Temp./Hum.	23~24°C /52~64%
Cable Loss	2dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.4.1 Average Output Power

Mode	U-NII Band	Centre Frequency (MHz)	Average Output Power(dBm)		10log (1/X)	Max Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11a	I	5180	18.10	17.98	N/A	18.10	0.065	< 250 mW (24 dBm)
		5200	18.78	18.52		18.78	0.076	
		5240	19.01	18.83		19.01	0.080	
	2A	5260	19.09	18.99		19.09	0.081	
		5300	18.94	18.75		18.94	0.078	
		5320	18.15	17.90		18.15	0.065	
	2C	5500	18.52	18.15		18.52	0.071	
		5580	19.80	19.32		19.80	0.095	
		5700	18.18	18.16		18.18	0.066	
		5720	20.01	19.38		20.01	0.100	
	III	5745	19.79	19.51		19.79	0.095	< 1 W (30 dBm)
		5785	19.87	19.47		19.87	0.097	
		5825	19.66	19.53		19.66	0.092	

Note: The results have been included cable loss.

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)	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11n-HT20	I	5180	15.37	15.26	N/A	18.33	0.068	< 250 mW (24 dBm)
		5200	16.20	15.87		19.05	0.080	
		5240	16.27	15.80		19.05	0.080	
	2A	5260	16.23	15.84		19.05	0.080	
		5300	16.23	15.81		19.04	0.080	
		5320	15.22	15.14		18.19	0.066	
	2C	5500	15.88	15.32		18.62	0.073	
		5580	17.42	16.99		20.22	0.105	
		5700	15.23	14.05		17.69	0.059	
		5720	17.45	17.01		20.25	0.106	
	III	5745	16.91	17.34		20.14	0.103	< 1 W (30 dBm)
		5785	17.12	17.08		20.11	0.103	
		5825	17.07	17.31		20.20	0.105	
802.11n-HT40	I	5190	15.45	15.63	N/A	18.55	0.072	< 250 mW (24 dBm)
		5230	16.29	15.74		19.03	0.080	
	2A	5270	15.98	15.91		18.96	0.079	
		5310	14.48	14.59		17.55	0.057	
	2C	5510	14.82	14.85		17.85	0.061	
		5550	15.93	15.24		18.61	0.073	
		5670	17.45	16.54		20.03	0.101	
	III	5710	17.51	17.75		20.64	0.116	< 1 W (30 dBm)
		5755	17.26	17.64		20.46	0.111	
802.11ac-VHT80	I	5210	16.17	15.27	N/A	18.75	0.075	< 250 mW (24 dBm)
		5290	14.85	14.18		17.54	0.057	
	2C	5530	15.50	15.24		18.38	0.069	
		5610	17.57	17.41		20.50	0.112	
		5690	18.03	17.79		20.92	0.124	< 1 W (30 dBm)
	III	5775	16.54	16.37		19.47	0.089	
802.11ac-VHT160	I/ 2A	5250	11.50	12.07	N/A	14.80	0.030	< 250 mW (24 dBm)
	2C	5570	11.08	11.48		14.29	0.027	

Note: The results have been included cable loss.

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)	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11ax-HE20	I	5180	15.36	14.92	N/A	18.16	0.065	< 250 mW (24 dBm)
		5200	16.04	15.98		19.02	0.080	
		5240	16.25	15.98		19.13	0.082	
	2A	5260	16.21	15.59		18.92	0.078	
		5300	16.02	16.00		19.02	0.080	
		5320	15.36	14.94		18.17	0.066	
	2C	5500	15.82	15.10		18.49	0.071	
		5580	17.02	16.73		19.89	0.097	
		5700	14.97	14.34		17.68	0.059	
		5720	17.41	16.72		20.09	0.102	
	III	5745	16.76	17.37		20.09	0.102	< 1 W (30 dBm)
		5785	16.98	17.23		20.12	0.103	
		5825	16.73	17.30		20.03	0.101	
802.11ax-HE40	I	5190	15.28	14.65	N/A	17.99	0.063	< 250 mW (24 dBm)
		5230	16.95	16.62		19.80	0.095	
	2A	5270	16.06	15.92		19.00	0.079	
		5310	14.11	14.24		17.19	0.052	
	2C	5510	14.44	14.12		17.29	0.054	
		5550	15.50	15.21		18.37	0.069	
		5670	17.12	15.81		19.52	0.090	
		5710	17.40	16.64		20.05	0.101	
	III	5755	17.16	17.12		20.15	0.104	< 1 W (30 dBm)
		5795	17.25	17.22		20.25	0.106	
802.11ax-HE80	I	5210	15.56	15.57	N/A	18.58	0.072	< 250 mW (24 dBm)
	2A	5290	14.41	14.41		17.42	0.055	
	2C	5530	14.93	15.17		18.06	0.064	
		5610	17.32	17.11		20.23	0.105	
		5690	17.55	17.28		20.43	0.110	
	III	5775	16.18	15.97		19.09	0.081	< 1 W (30 dBm)
802.11ax-HE160	I/ 2A	5250	11.51	11.40	N/A	14.47	0.028	< 250 mW (24 dBm)
	2C	5570	11.08	10.98		14.04	0.025	

Note: The results have been included cable loss.

Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

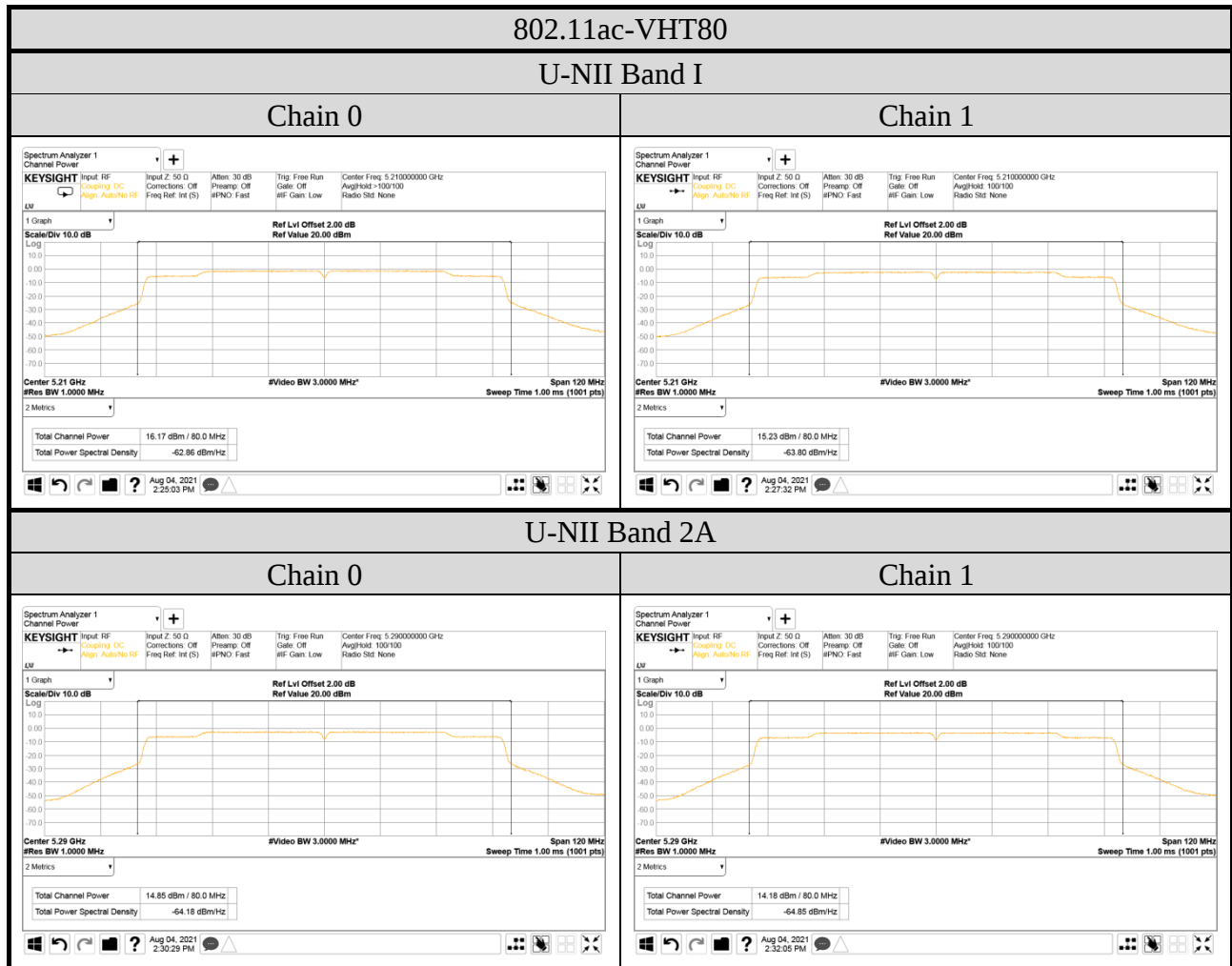
Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
				Chain 0	Chain 1		(dBm)	(W)	
802.11ax-HE20	I	5180	26/0	11.42	11.03	N/A	14.24	0.027	< 250 mW (24 dBm)
			52/37	14.31	13.89		17.12	0.052	
			106/53	15.36	15.04		18.21	0.066	
	2A	5320	26/8	11.81	11.62		14.73	0.030	
			52/40	11.76	11.42		14.60	0.029	
			106/54	15.09	15.61		18.37	0.069	
	2C	5500	26/0	11.56	10.86		14.23	0.026	
			52/37	14.73	14.09		17.43	0.055	
			106/53	15.39	15.70		18.56	0.072	
		5700	26/8	11.87	11.05		14.49	0.028	
			52/40	13.08	12.05		15.61	0.036	
			106/54	14.55	13.93		17.26	0.053	
	III	5745	26/0	11.63	11.09		14.38	0.027	< 1 W (30 dBm)
			52/37	14.64	13.88		17.29	0.054	
			106/53	16.78	16.90		19.85	0.097	
		5825	26/8	15.19	14.27		17.76	0.060	
			52/40	16.37	16.84		19.62	0.092	
			106/54	16.52	16.53		19.54	0.090	
802.11ax-HE40	I	5190	242/61	15.32	14.90	N/A	18.13	0.065	< 250 mW (24 dBm)
	2A	5310	242/62	13.92	14.42		17.19	0.052	
	2C	5510	242/61	14.74	14.25		17.51	0.056	
		5670	242/62	16.60	16.23		19.43	0.088	< 1 W (30 dBm)
	III	5755	242/61	16.97	16.66		19.83	0.096	
		5795	242/62	16.69	16.32		19.52	0.090	
802.11ax-HE80	I	5210	484/65	15.06	14.98	N/A	18.03	0.064	< 250 mW (24 dBm)
	2A	5290	484/66	11.60	11.80		14.71	0.030	
	2C	5530	484/65	13.48	13.44		16.47	0.044	
		5610	484/66	15.54	15.56		18.56	0.072	< 1 W (30 dBm)
	III	5775	484/65	15.48	15.38		18.44	0.070	
			484/66	15.73	14.88		18.34	0.068	
802.11ax-HE160	I/ 2A	5250	996/67	10.34	10.43	N/A	13.40	0.022	< 250 mW (24 dBm)
			996/S67	10.22	9.92		13.08	0.020	
	2C	5570	996/67	9.94	9.52		12.75	0.019	
			996/S67	10.46	9.70		13.11	0.020	

Note: The results have been included cable loss.

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

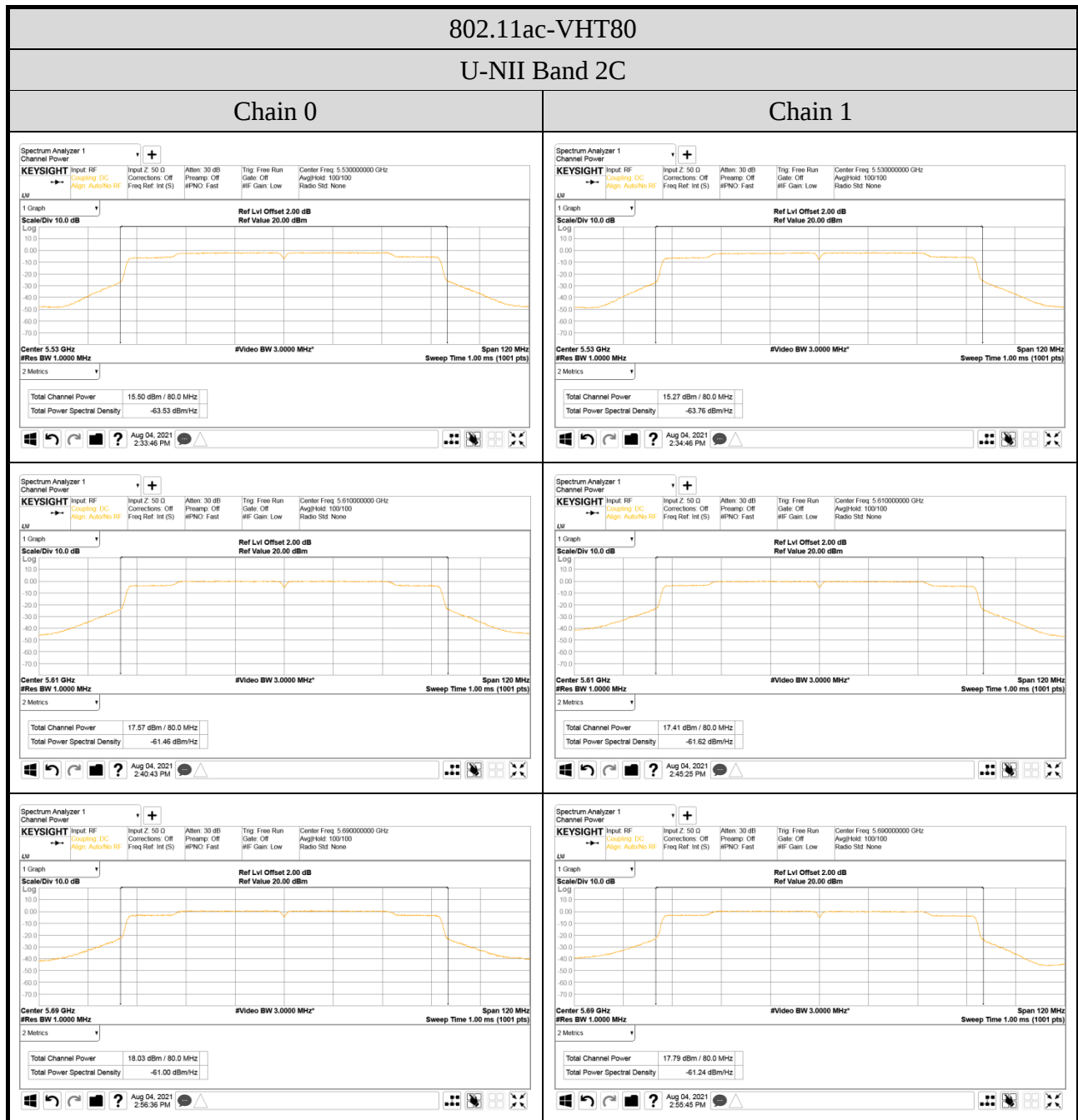
Tel: +886 2 26099301
Fax: +886 2 26099303

A.4.2 Measurement Plots



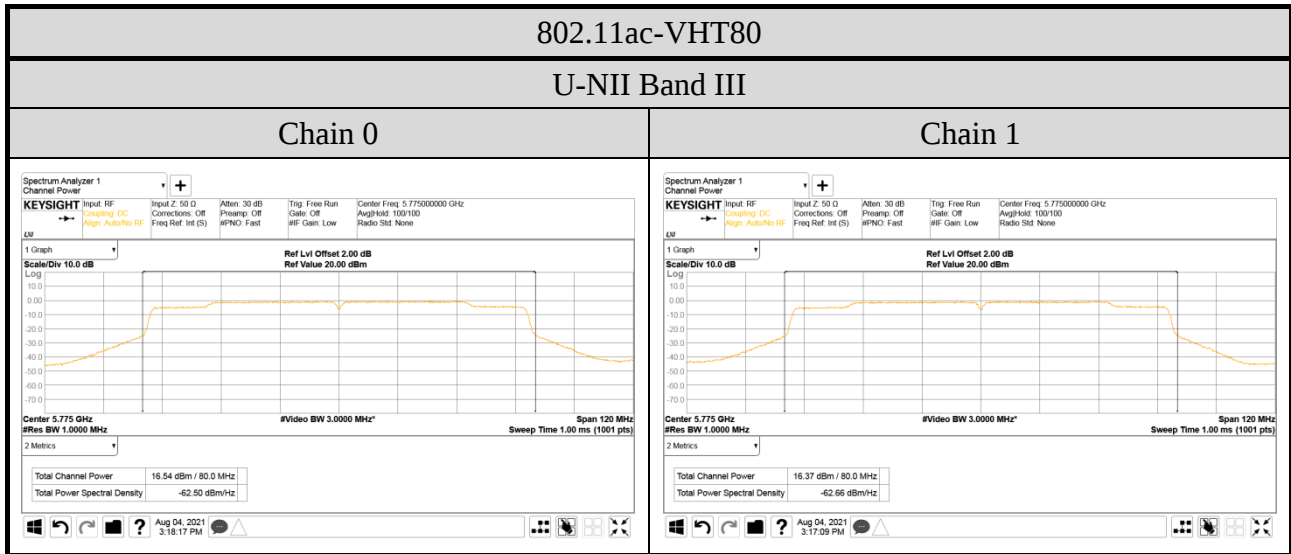
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



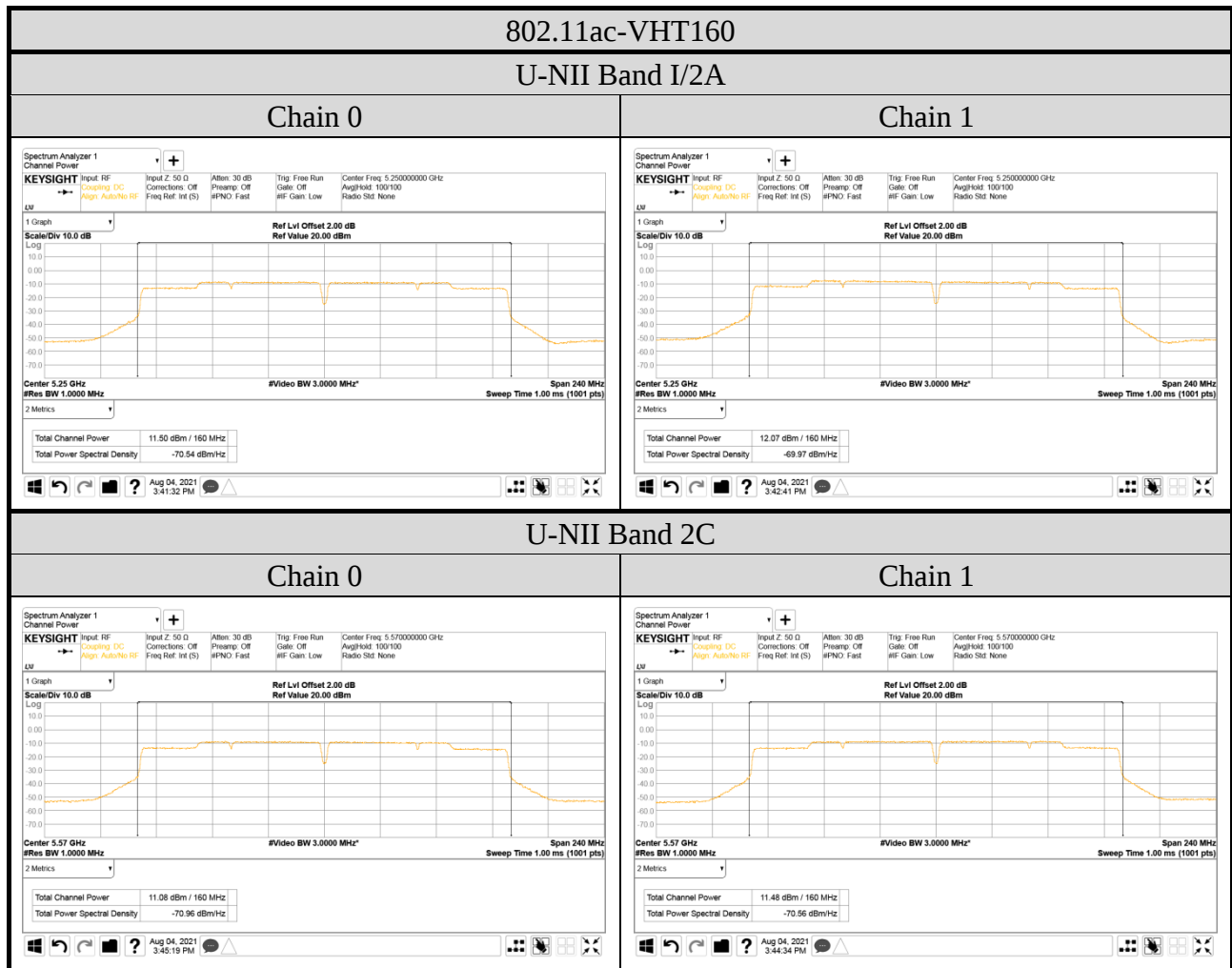
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



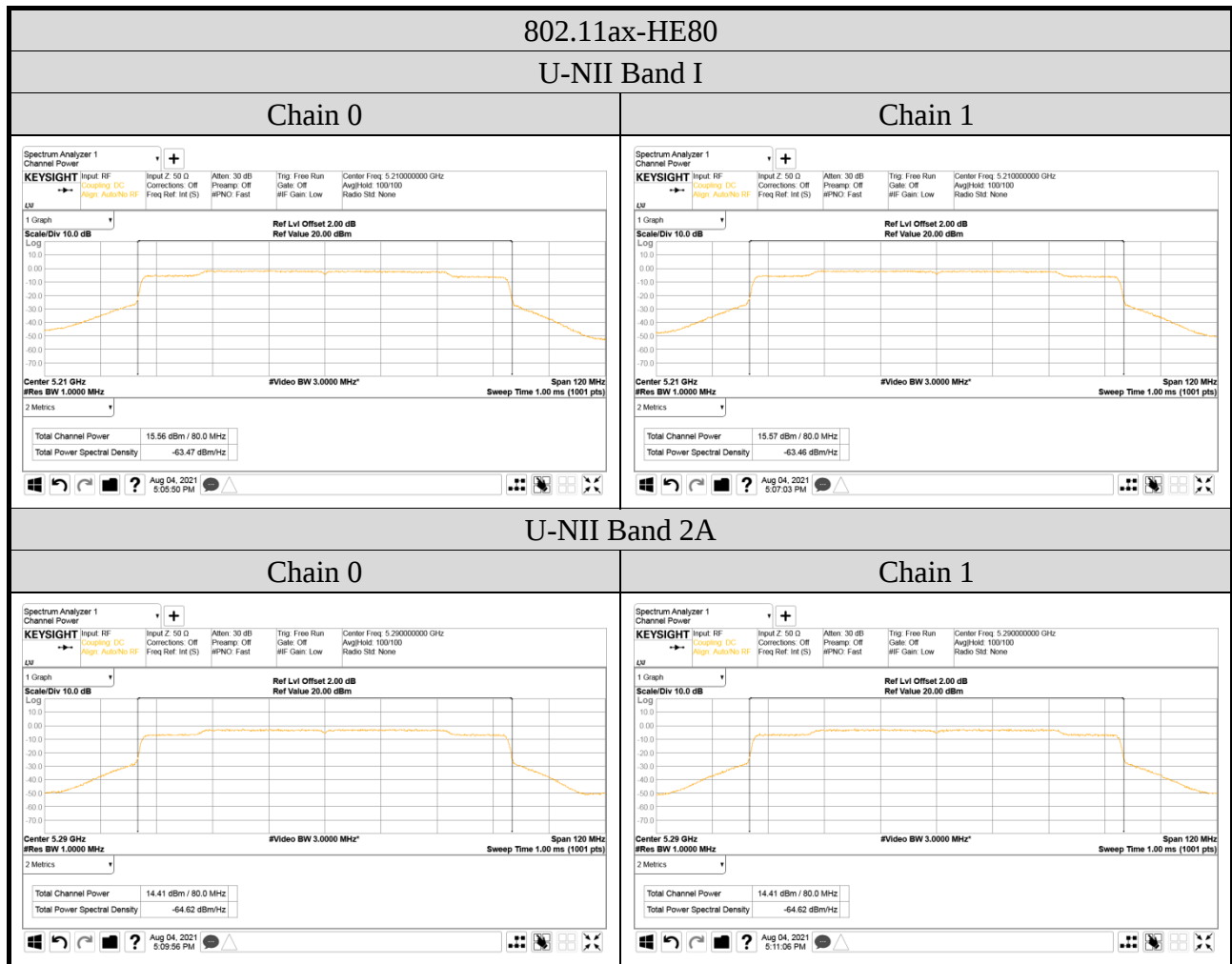
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



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

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



Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City 244, Taiwan

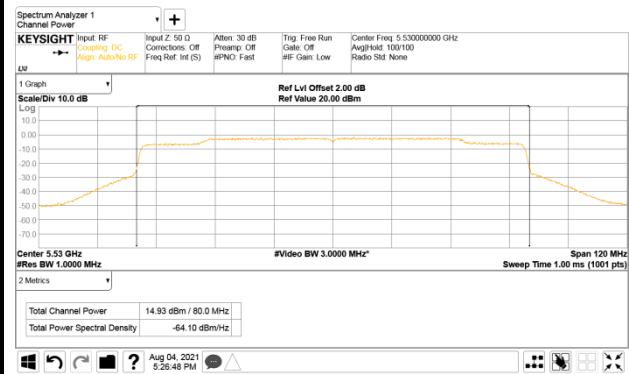
Tel: +886 2 26099301

Fax: +886 2 26099303

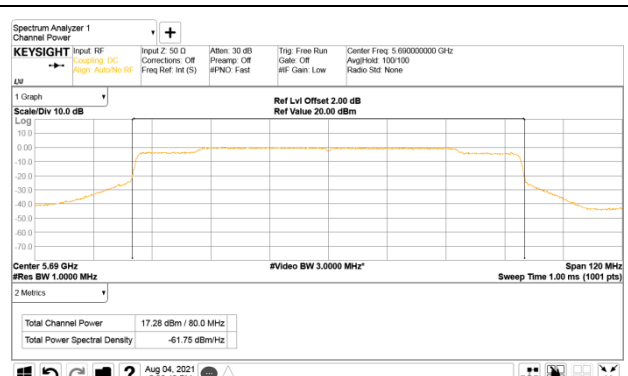
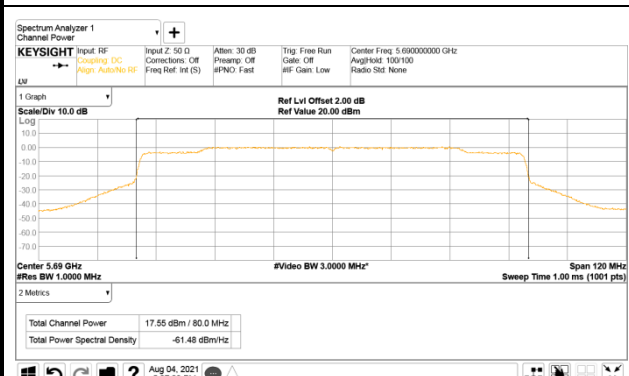
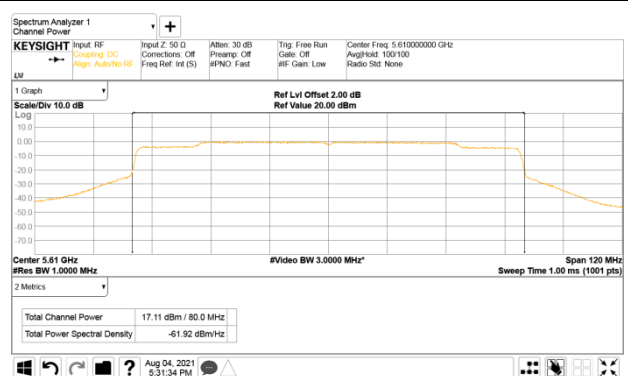
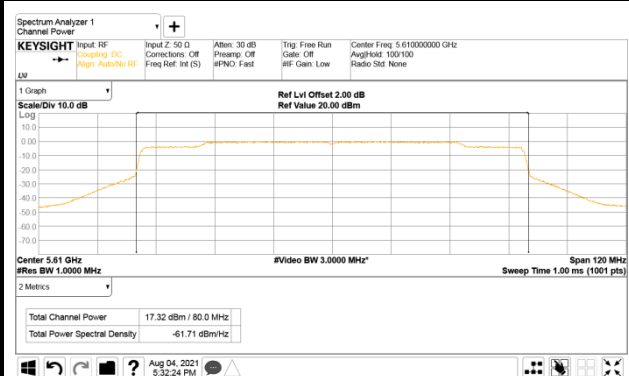
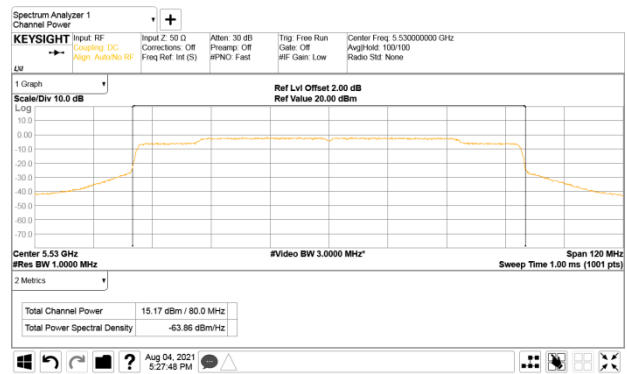
802.11ax-HE 80

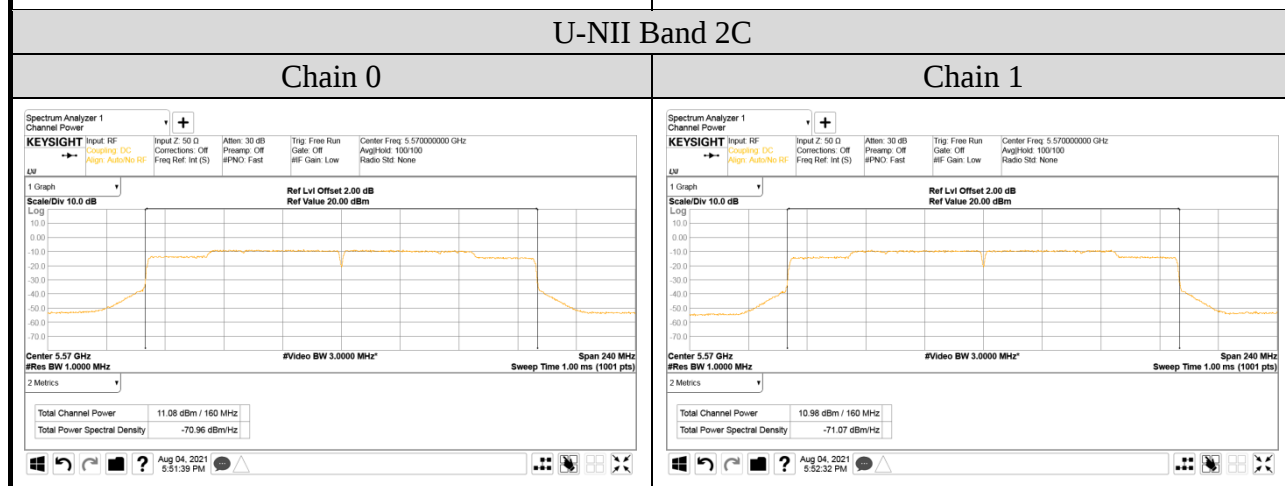
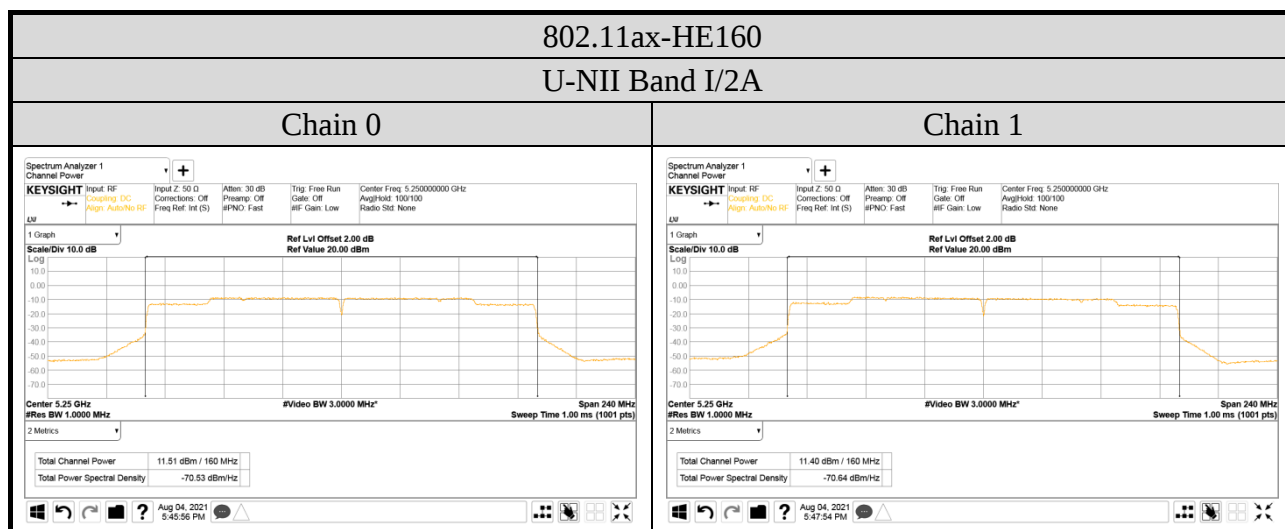
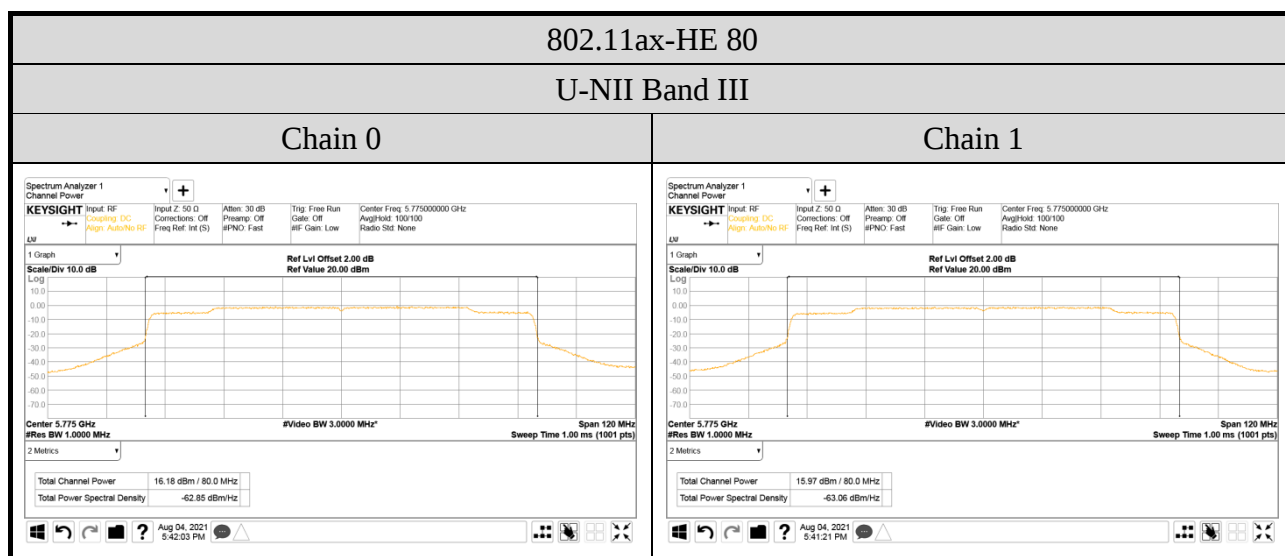
U-NII Band 2C

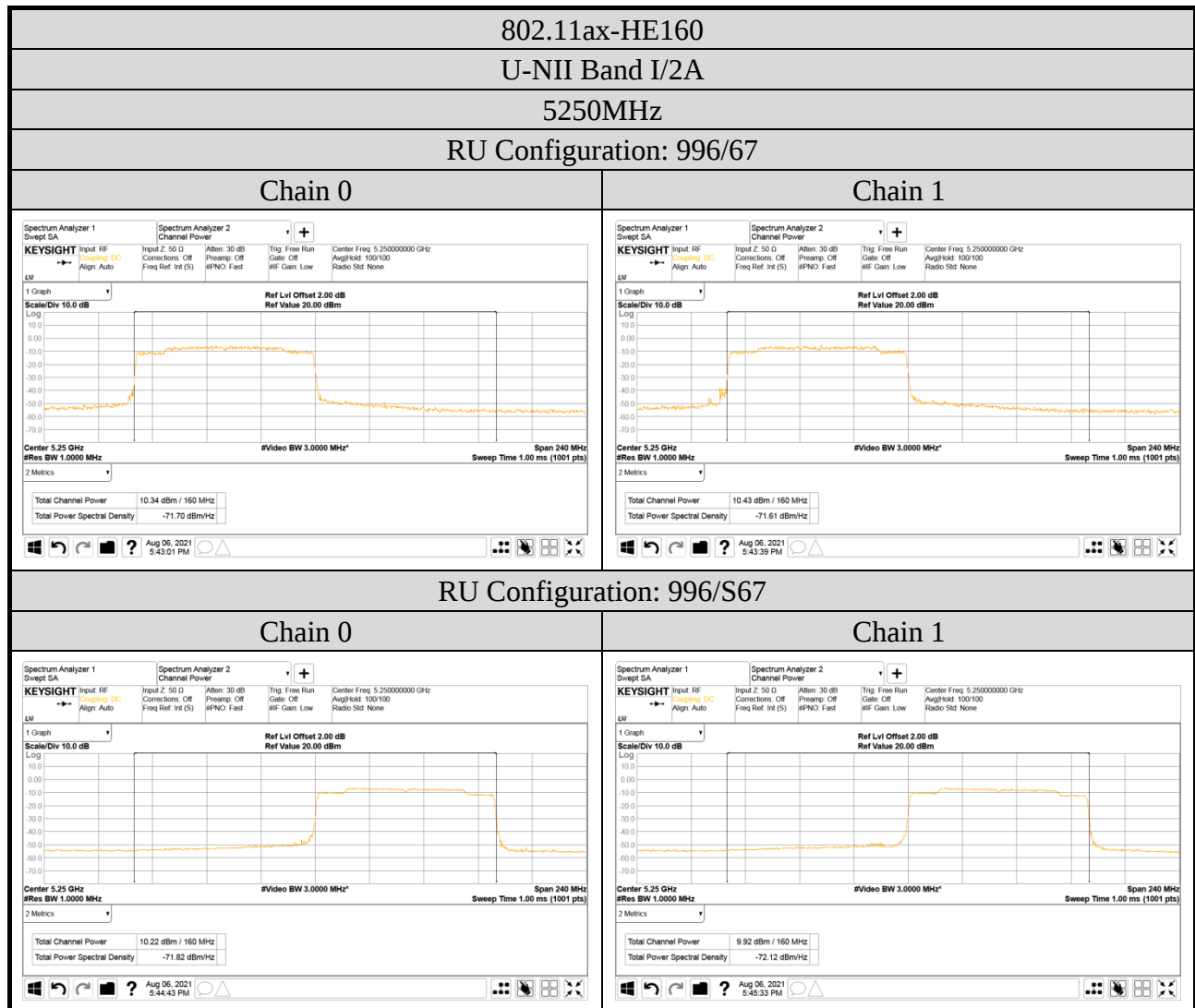
Chain 0

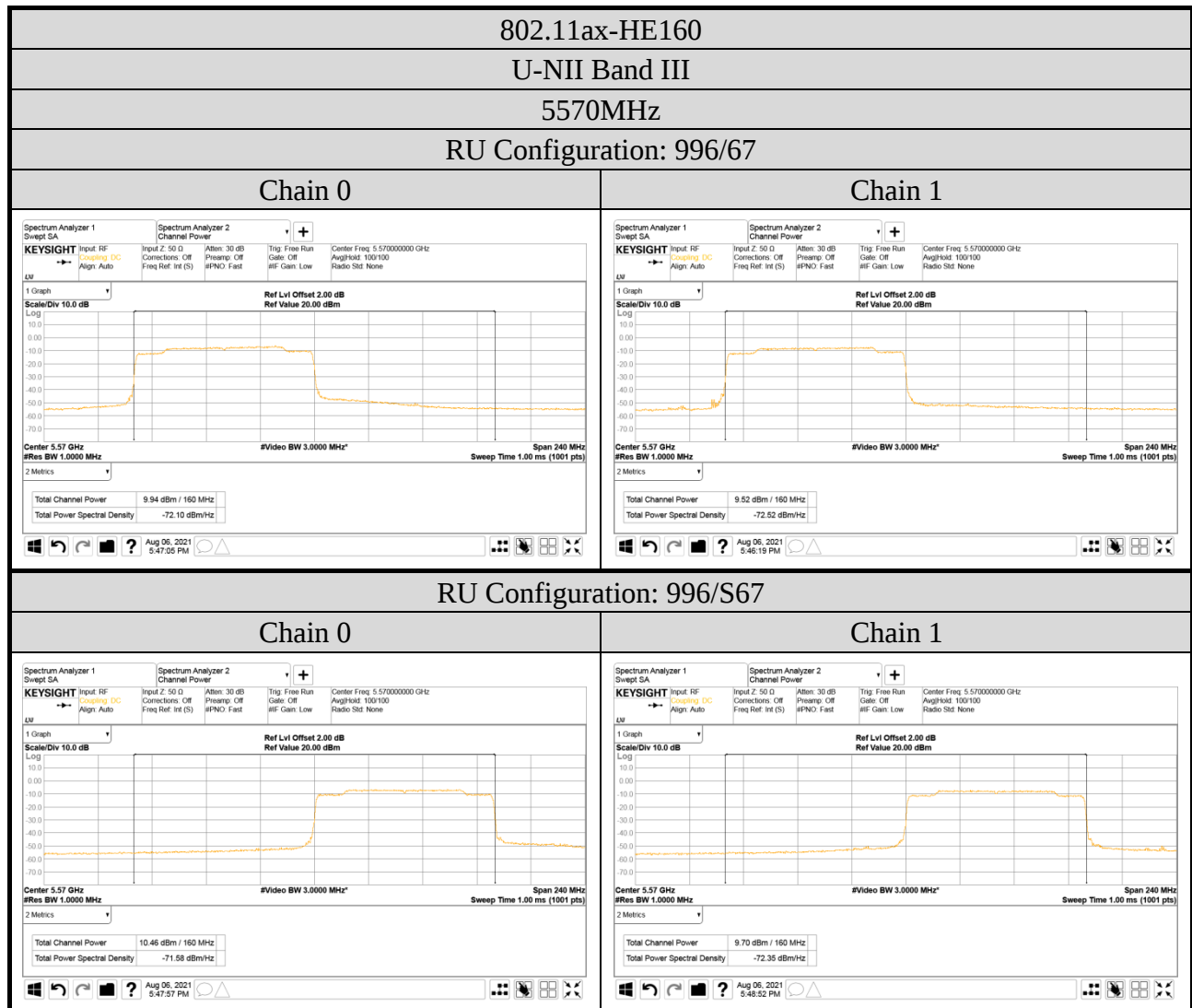


Chain 1









A.5 POWER SPECTRAL DENSITY

Test Date	2021/08/04~06	Temp./Hum.	23~24℃/58~64%
Cable Loss	2dB	Tested By	Kuper Hsu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		
Simultaneous Factor 10 log(n) (Note: “n” is antenna number)		802.11a: 0dB 802.11n-HT20/40: 3dB 802.11ac-VHT80/160: 3dB 802.11ax-HE20/40/80/160: 3dB	

A.5.1 Power Spectral Density Result

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11a	I	5180	6.692	11 dBm/MHz
		5200	7.676	
		5240	7.706	
	2A	5260	7.304	
		5300	6.868	
		5320	5.965	
	2C	5500	6.110	
		5580	8.399	
		5700	6.518	
		5720	8.530	
	III ^{Note2}	5745	6.019	30dBm/500 kHz
		5785	6.243	
		5825	5.851	

Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

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)	Power Spectral Density (dBm)	Limit
802.11n-HT20	I	5180	6.968	11 dBm/MHz
		5200	7.905	
		5240	7.421	
	2A	5260	7.467	
		5300	6.873	
		5320	5.960	
	2C	5500	6.310	30dBm/500 kHz
		5580	8.978	
		5700	6.343	
		5720	8.594	
	III ^{Note2}	5745	6.298	
		5785	6.132	
		5825	5.861	
802.11n-HT40	I	5190	3.470	11 dBm/MHz
		5230	4.143	
	2A	5270	3.059	
		5310	1.549	
	2C	5510	2.311	
		5550	3.643	
		5670	4.971	
		5710	5.572	
	III ^{Note2}	5755	3.397	30dBm/500 kHz
		5795	3.683	
802.11ac-VHT80	I	5210	0.913	11 dBm/MHz
	2A	5290	-1.010	
	2C	5530	0.039	
		5610	2.681	
	III ^{Note2}	5690	2.792	30dBm/500 kHz
		5775	-0.843	
802.11ac-VHT160	I/2A	5250	-5.829	11 dBm/MHz
	2C	5570	-6.085	

Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

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

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

Mode	U-NII Band	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11ax-HE20	I	5180	6.125	11 dBm/MHz
		5200	7.078	
		5240	6.549	
	2A	5260	6.401	
		5300	5.982	
		5320	5.087	
	2C	5500	5.261	30dBm/500 kHz
		5580	7.994	
		5700	5.325	
		5720	7.454	
	III ^{Note2}	5745	4.347	
		5785	4.327	
		5825	3.970	
802.11ax-HE40	I	5190	2.557	11 dBm/MHz
		5230	3.214	
	2A	5270	2.788	
		5310	1.043	
	2C	5510	2.580	
		5550	2.782	
		5670	4.094	
		5710	4.158	
	III ^{Note2}	5755	1.291	30dBm/500 kHz
		5795	1.510	
802.11ax-HE80	I	5210	0.274	11 dBm/MHz
	2A	5290	-0.171	
	2C	5530	0.467	
		5610	2.926	
	III ^{Note2}	5690	3.004	30dBm/500 kHz
		5775	-2.811	
802.11ax-HE160	I/2A	5250	-5.912	11 dBm/MHz
	2C	5570	-6.449	

Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

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

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

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Spectral Density (dBm)	Limit
802.11ax-HE20	I	5180	26/0	10.490	11 dBm/MHz
			52/37	10.410	
			106/53	10.046	
	2A	5320	26/8	10.463	
			52/40	8.494	
			106/54	9.695	
	2C	5500	26/0	10.349	
			52/37	10.491	
			106/53	9.346	
		5700	26/8	10.464	
			52/40	10.316	
			106/54	9.304	
	III ^{Note2}	5745	26/0	9.052	30dBm/500 kHz
			52/37	8.547	
			106/53	8.773	
		5825	26/8	10.471	
			52/40	10.486	
			106/54	8.519	
802.11ax-HE40	I	5190	242/61	7.245	11 dBm/MHz
	2A	5310	242/62	5.884	
	2C	5510	242/61	5.480	
		5670	242/62	8.738	
	III ^{Note2}	5755	242/61	5.917	30dBm/500 kHz
		5795	242/62	6.361	
802.11ax-HE80	I	5210	484/65	4.304	11 dBm/MHz
	2A	5290	484/66	0.099	
	2C	5530	484/65	1.378	
		5610	484/66	4.355	
	III ^{Note2}	5775	484/65	1.295	30dBm/500 kHz
			484/66	1.530	
802.11ax-HE160	I/2A	5250	996/67	-3.757	11 dBm/MHz
			996/S67	-4.006	
	2C	5570	996/67	-4.488	
			996/S67	-4.356	

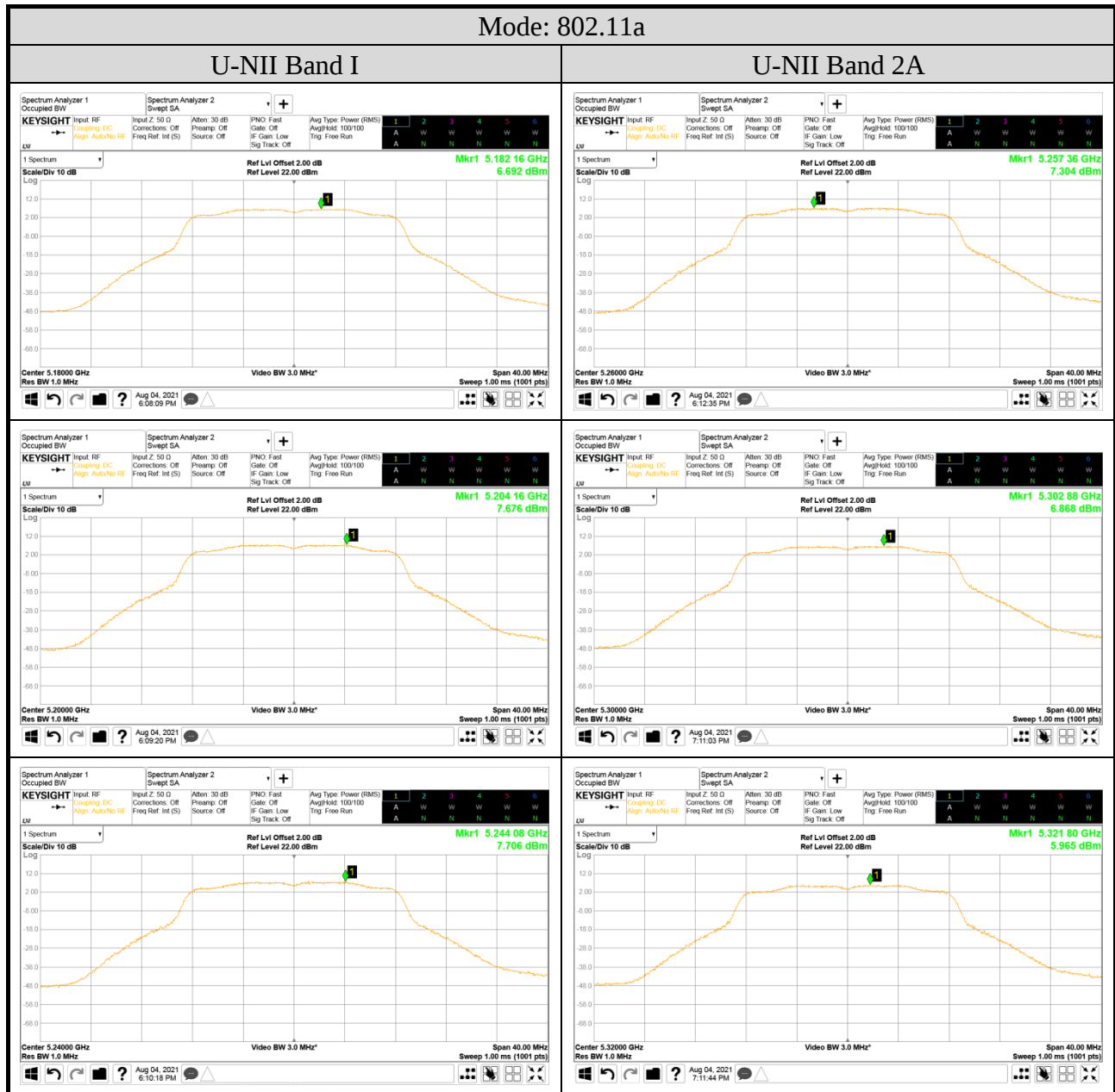
Note 1: All results have been included cable loss and Simultaneous Factor and correct duty factor.

Note 2: BWCF 7dB (100kHz converted to 500kHz) has been included in the test result.

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

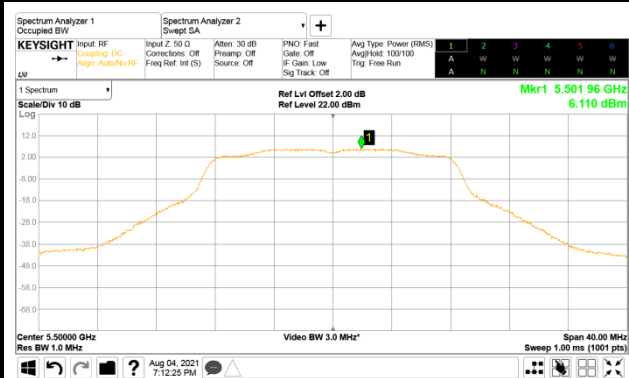
Tel: +886 2 26099301
Fax: +886 2 26099303

A.5.2 Measurement Plots



Mode: 802.11a

U-NII Band 2C



U-NII Band III

