

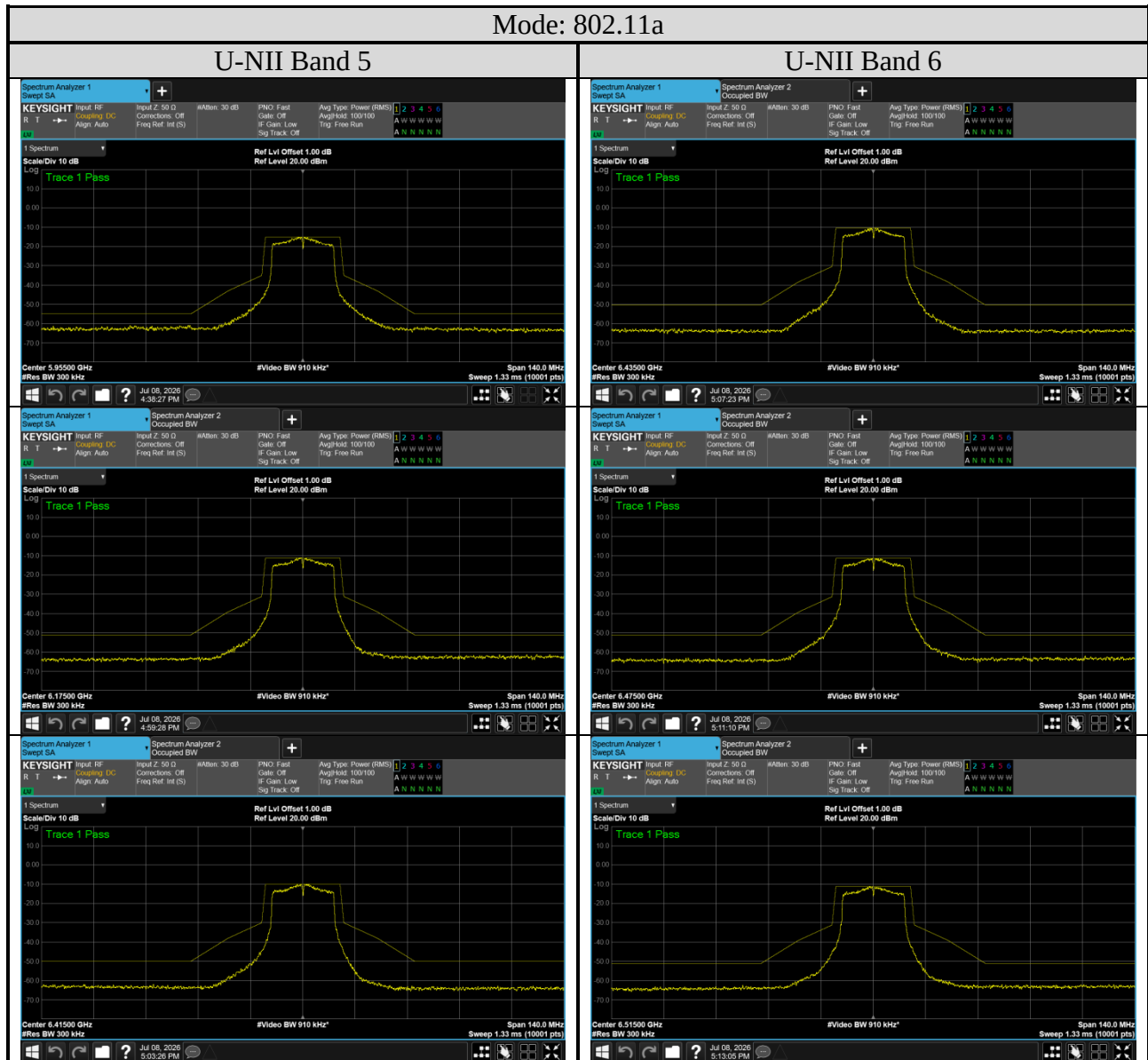
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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

A.7 IN-BAND EMISSION (CHANNEL MASK)

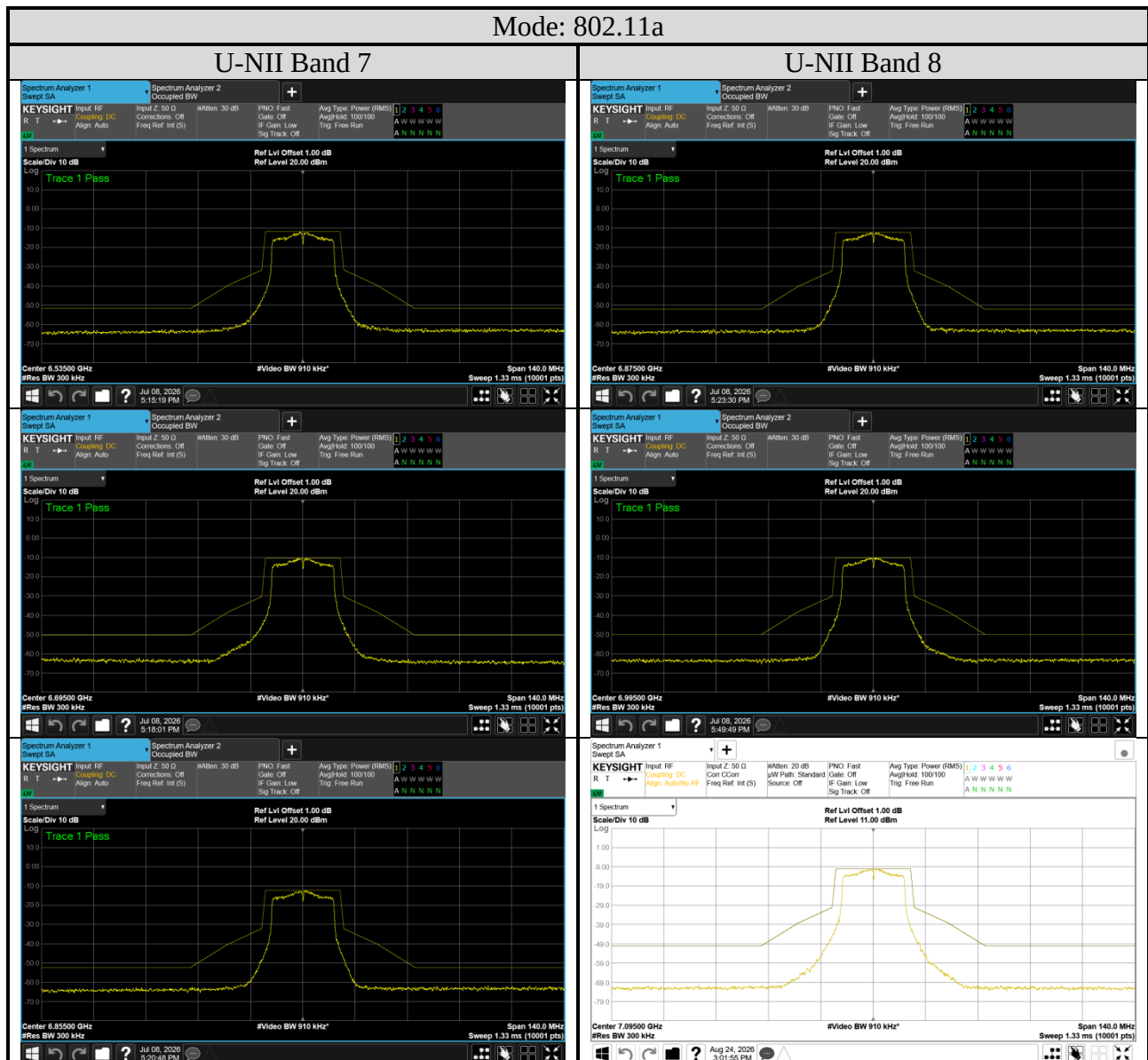
Test Date	2026/07/08 ~ 08/24	Temp./Hum.	22 ~ 24°C /42 ~ 58%
Cable Loss	1.00dB	Tested By	Sean Wang
Test Voltage	DC 3.8V (Via Battery)		

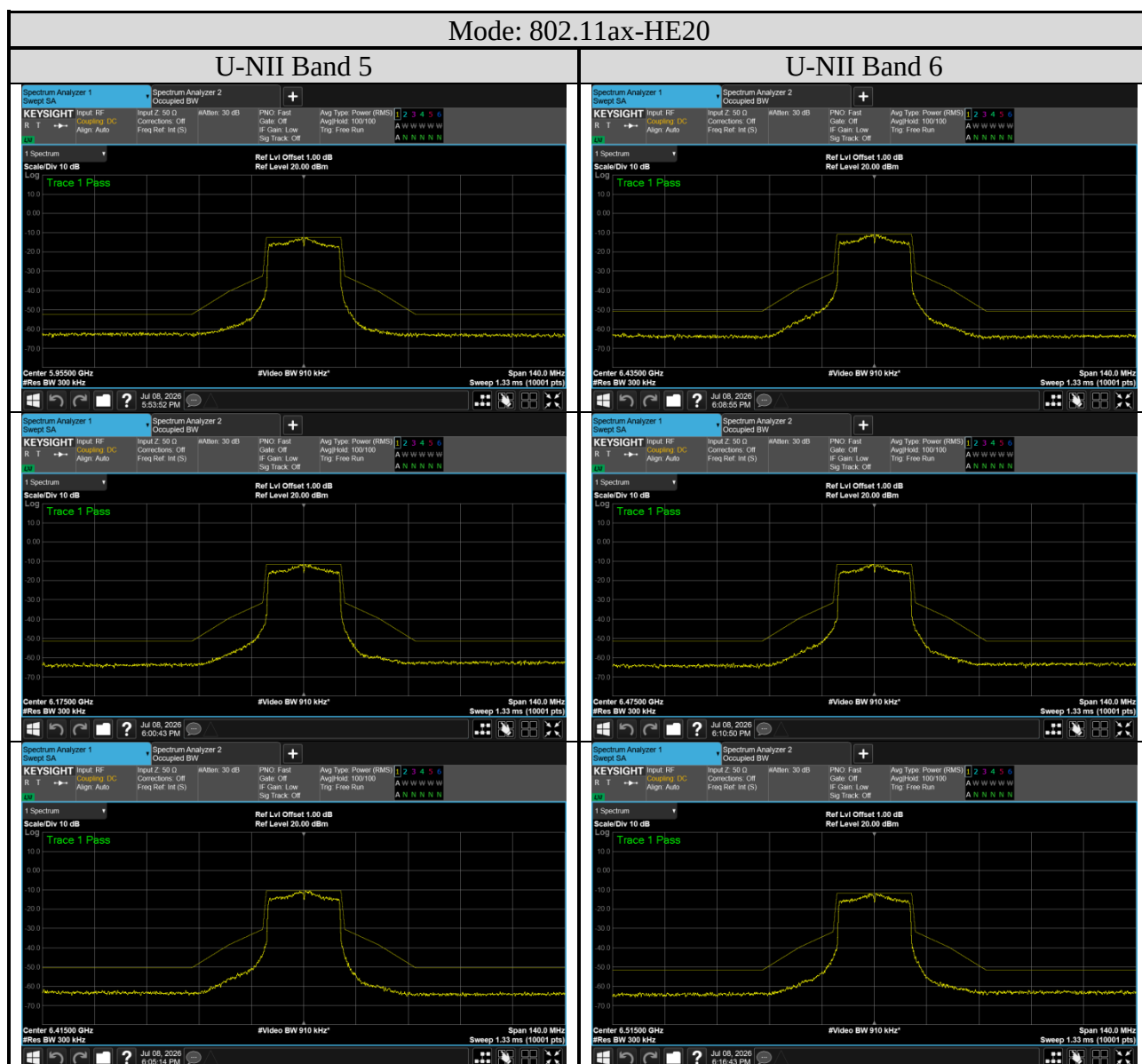
● OFDM Modulation



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

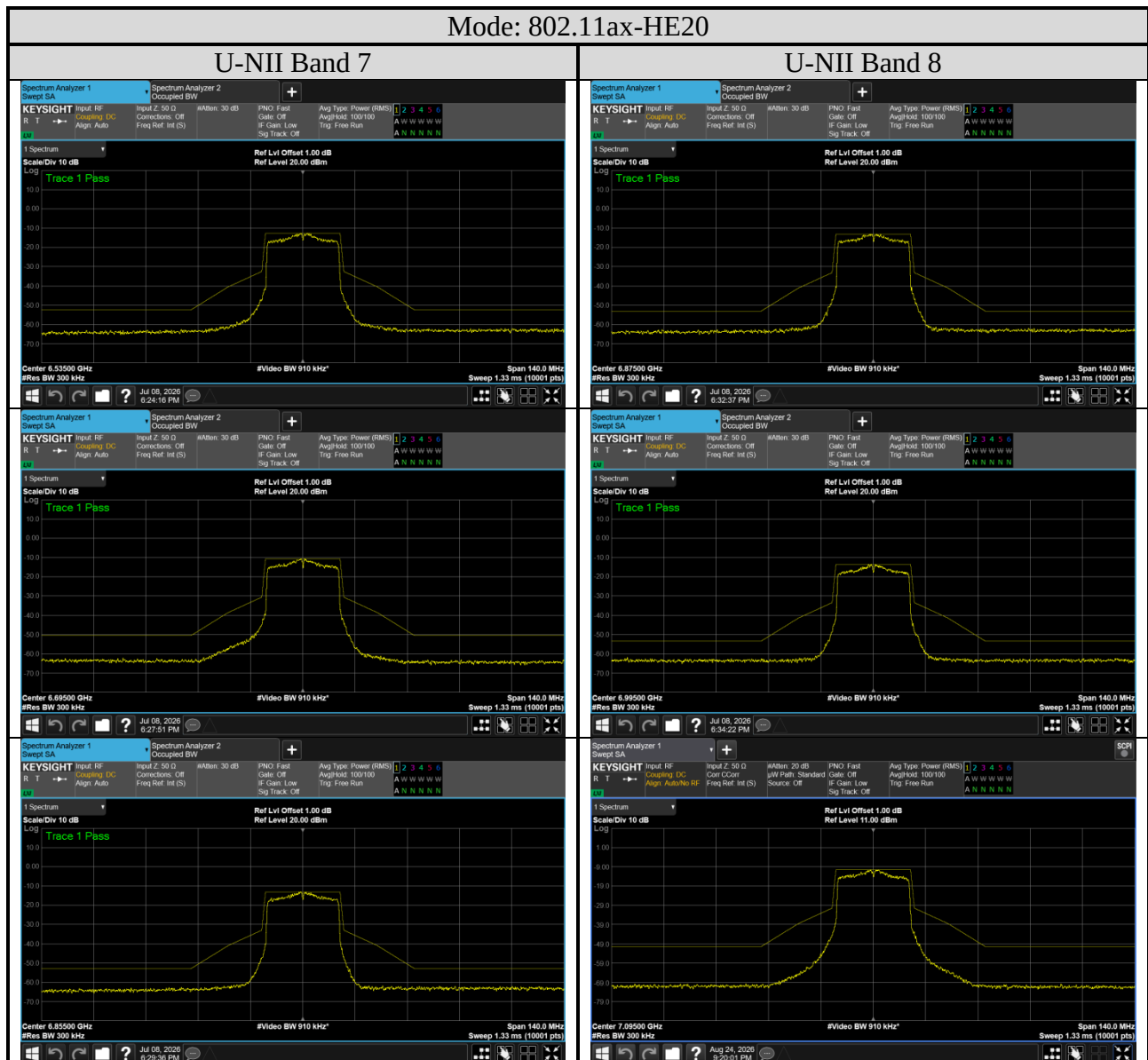
Tel: +886 2 26099301
Fax: +886 2 26099303





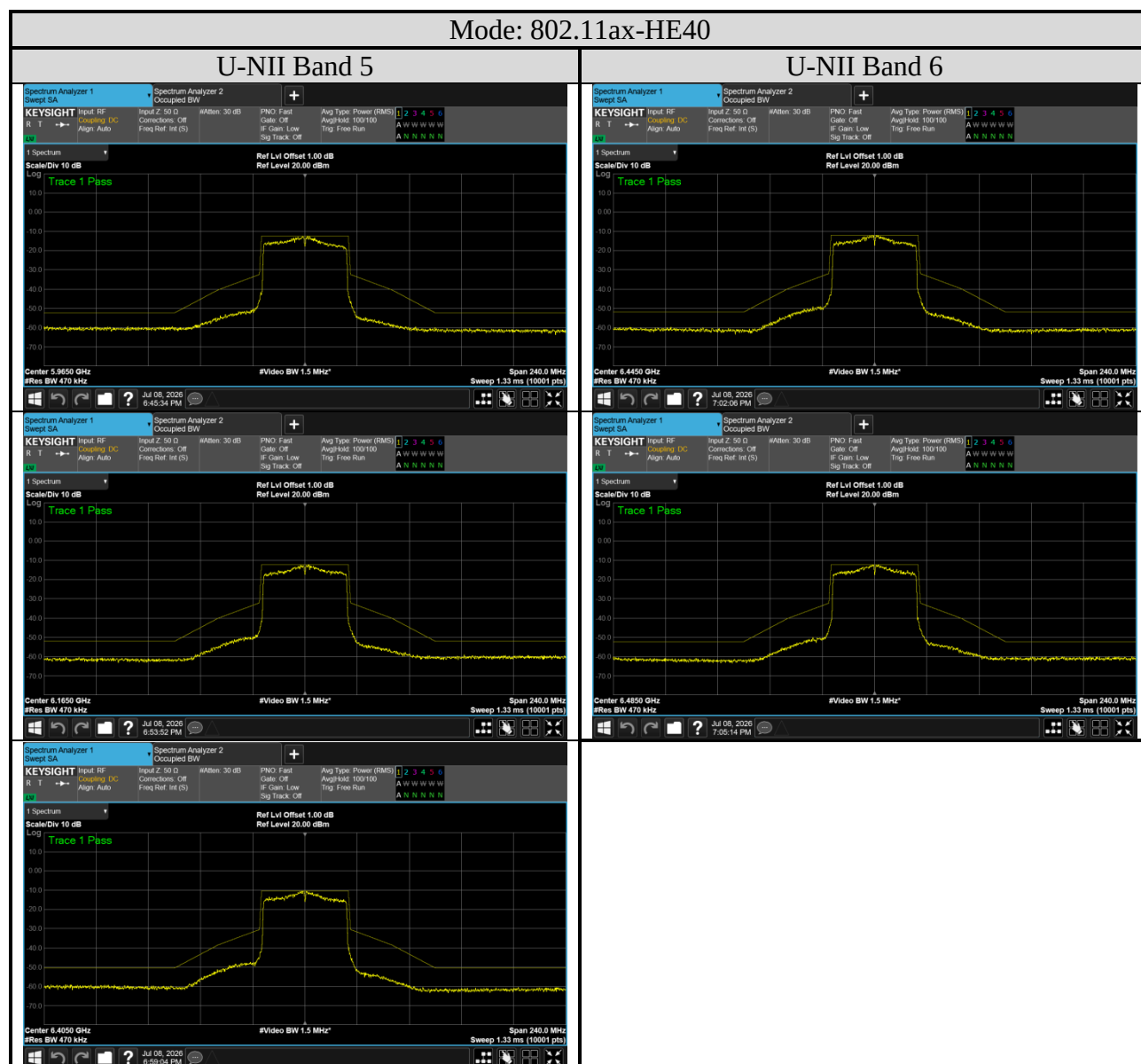
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



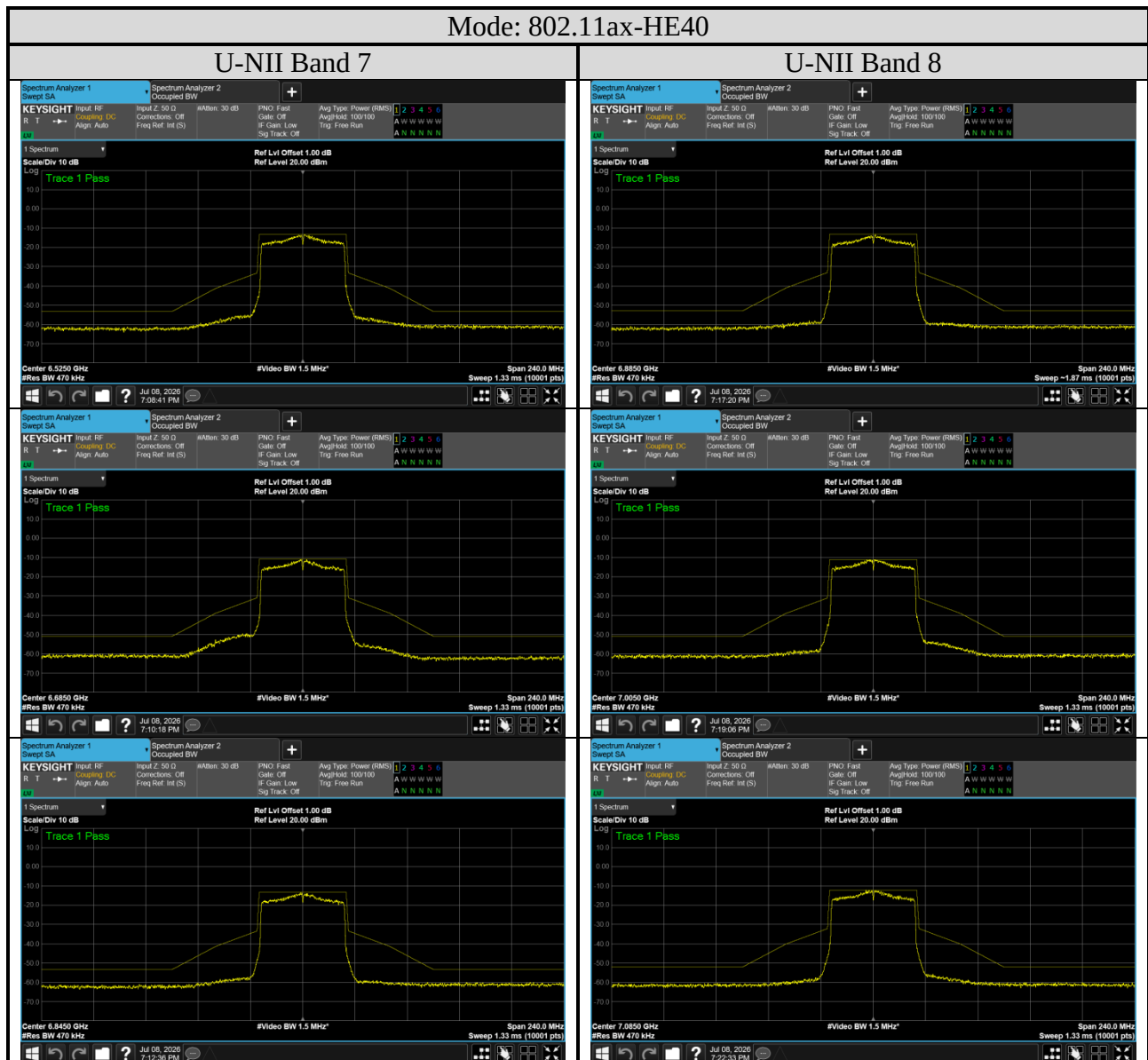
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

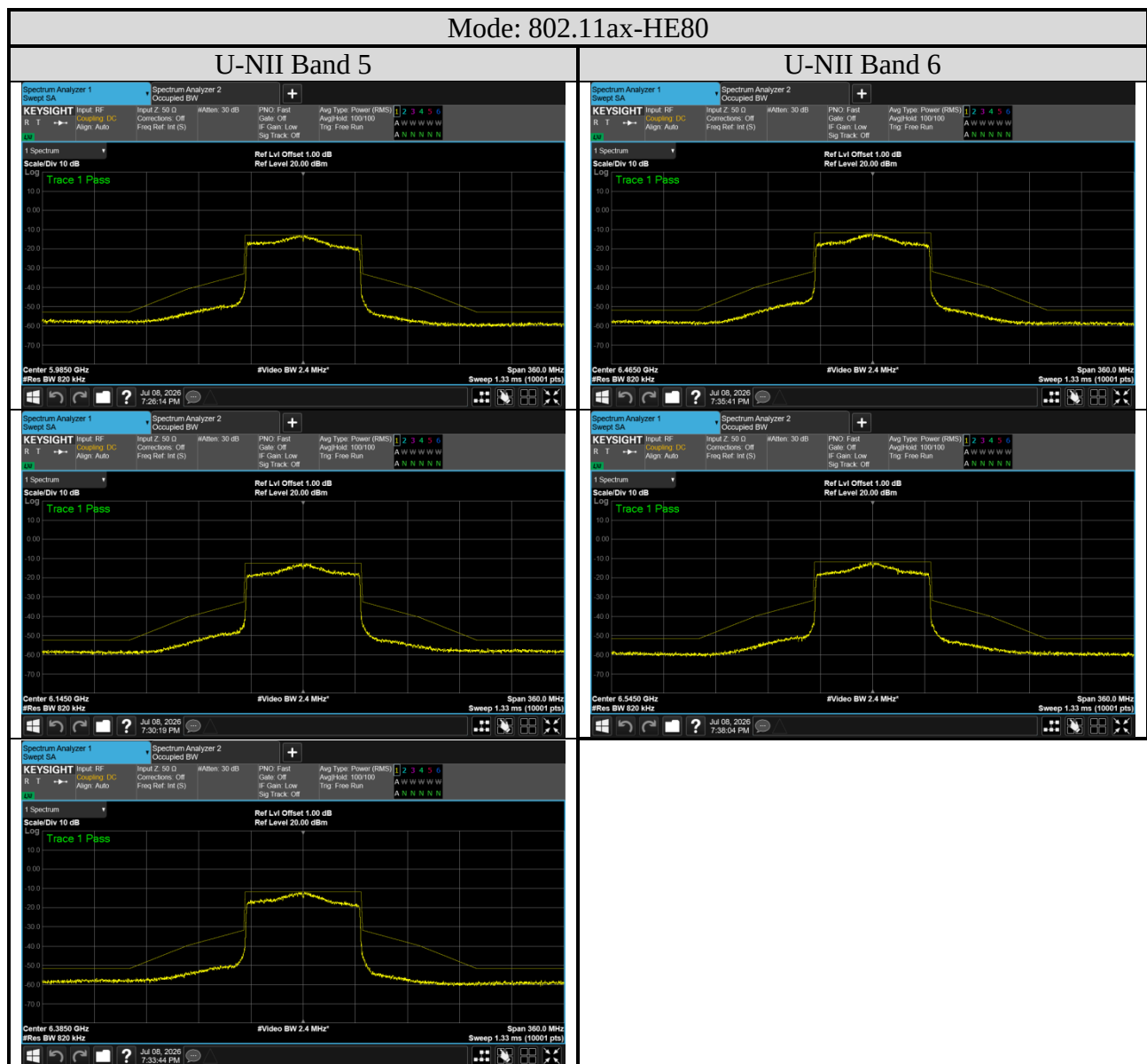
Tel: +886 2 26099301
Fax: +886 2 26099303

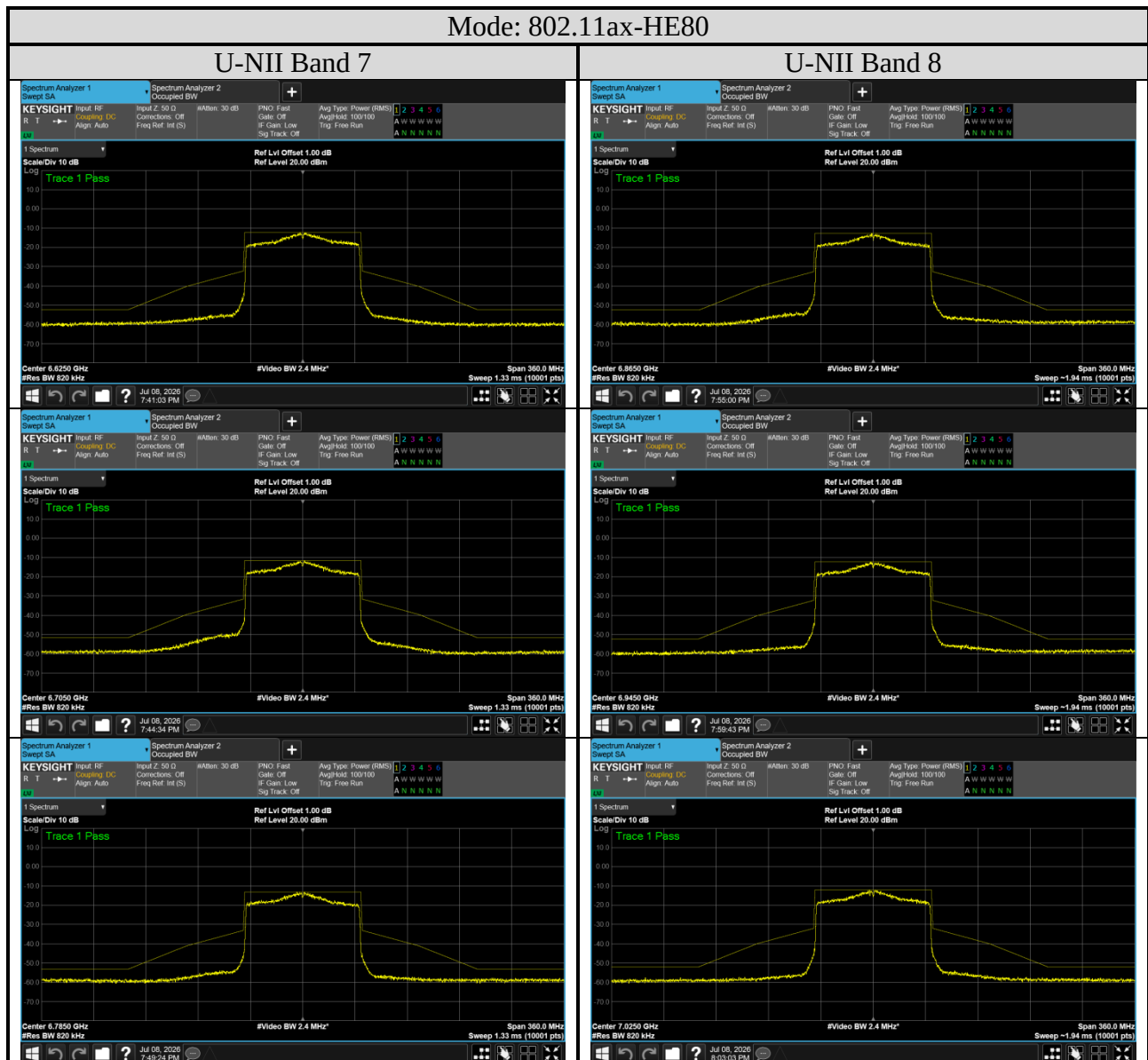


Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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

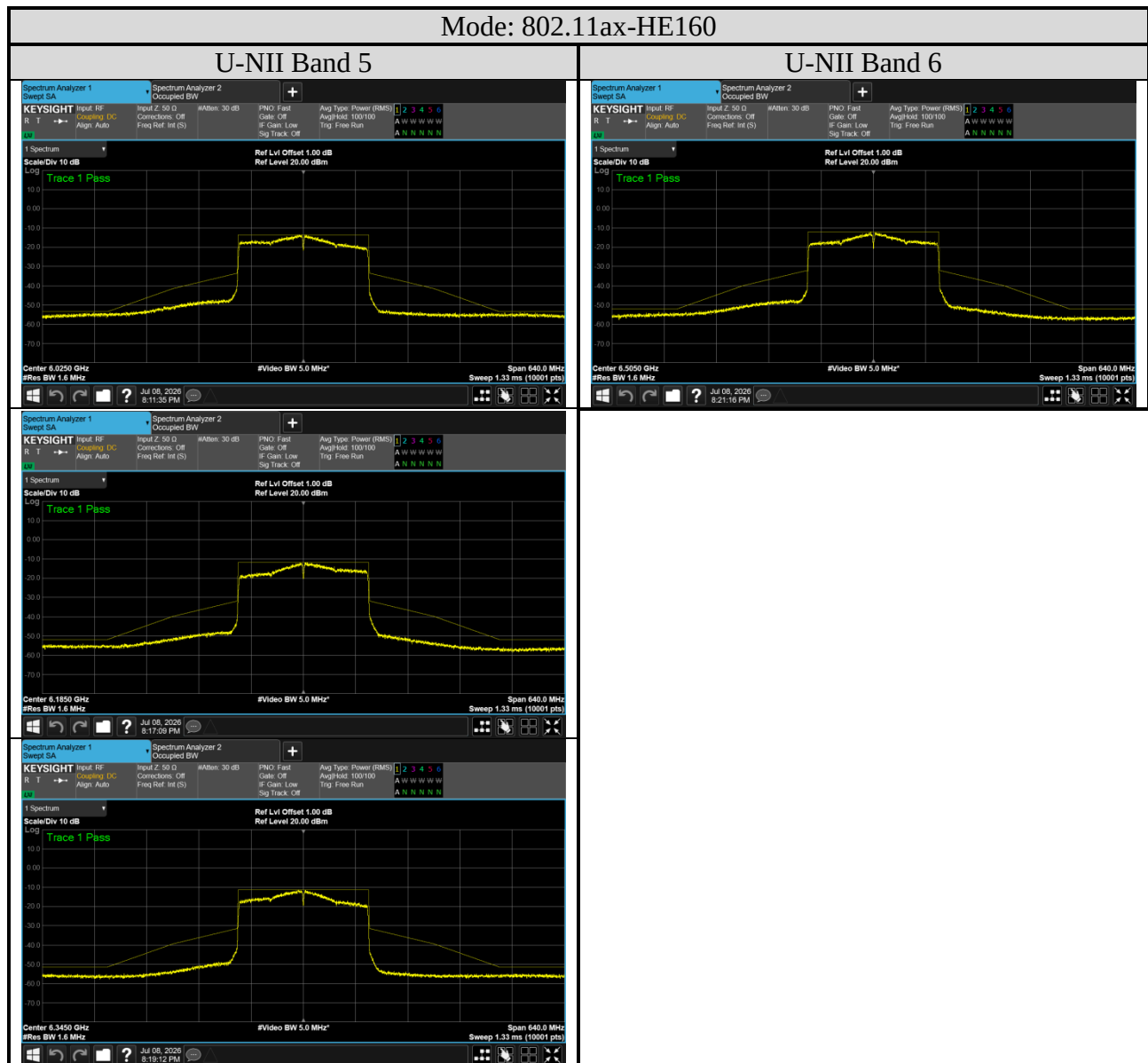






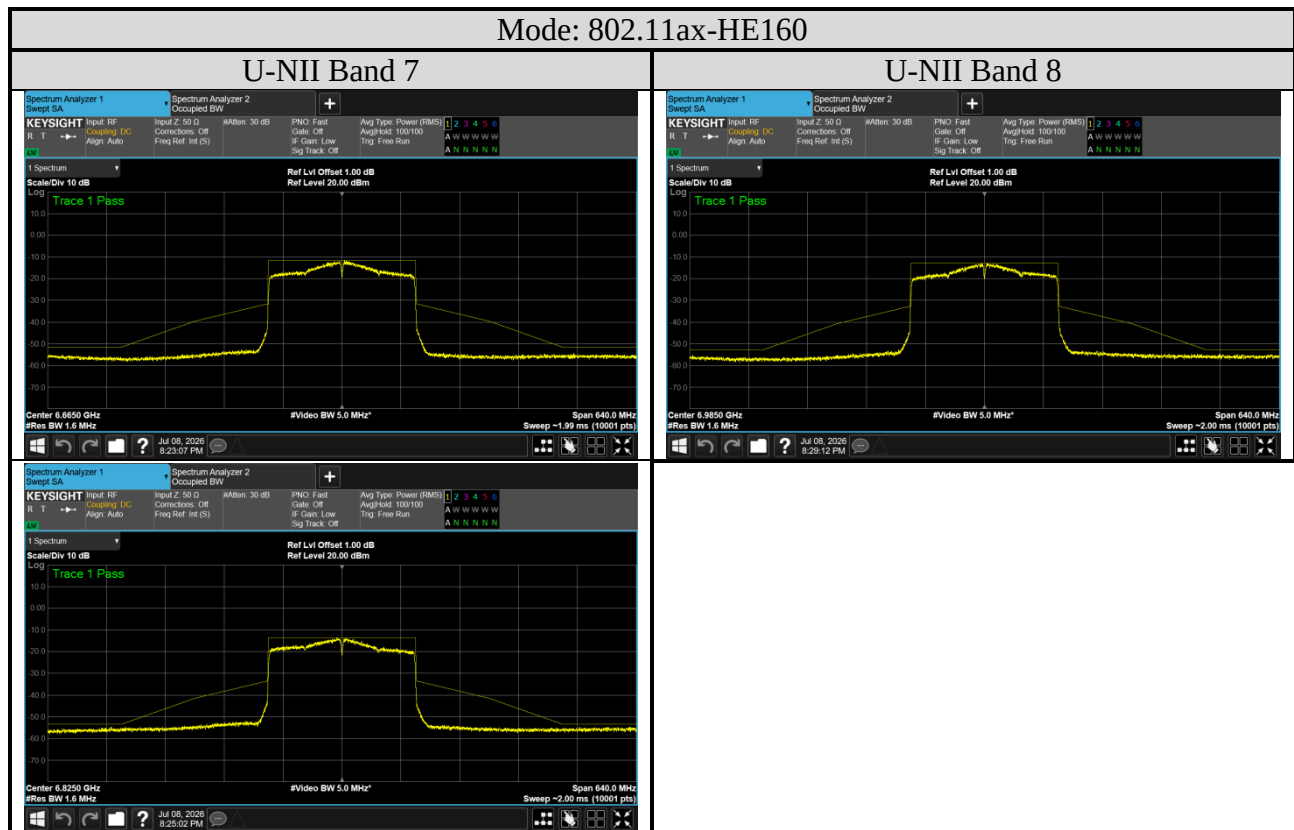
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



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

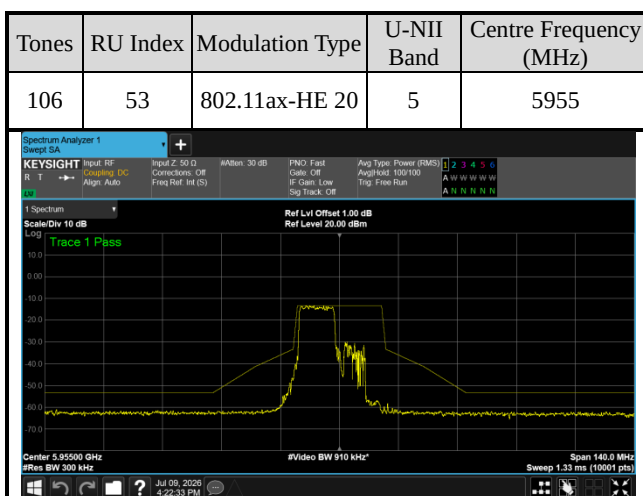
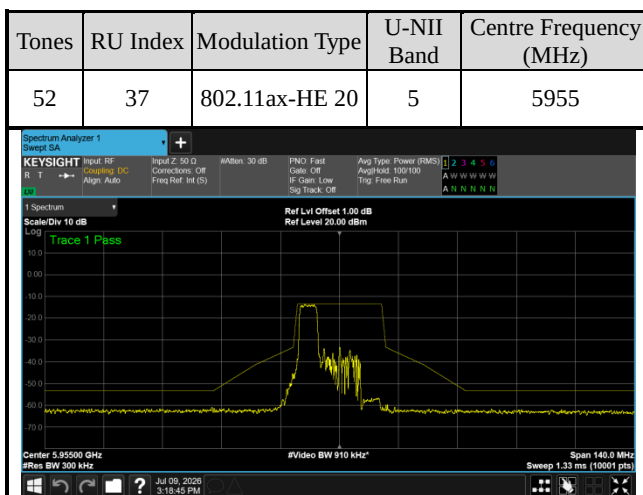
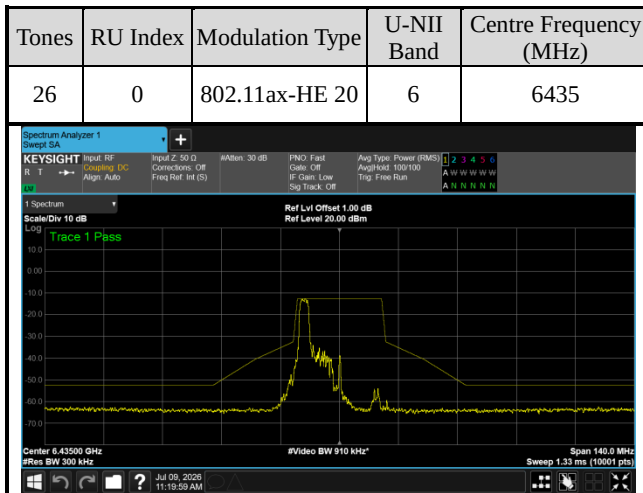
Tel: +886 2 26099301
Fax: +886 2 26099303



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

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

● OFDMA Modulation



A.8 CONTENTION BASED PROTOCOL

Test Date	2026/07/16 ~ 24	Temp./Hum.	23°C/49 ~ 51%
Cable Loss	1.00dB	Tested By	Sean Wang
Test Voltage	DC 3.8V (Via Battery)		

A.8.1 Contention-based Protocol

● Contention-based Protocol Threshold Incumbent Signal & Mini. Detection level

Modulation Type	U-NII Band	Channel Number	EUT Frequency (MHz)	AWGN Frequency (MHz)	Injected AWGN Power (dBm)	Min.Antenna Gain (Include path loss) (dBi) *Note1	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax-HE20	5	37	6135	6135	-73.8	0.22	-74.02	-62	OFF
			6135	6135	-81.8	0.22	-82.02	-62	Minimum
			6135	6135	-85.8	0.22	-86.02	-62	ON
			6455	6455	-71.5	0.22	-71.72	-62	OFF
			6455	6455	-79.5	0.22	-79.72	-62	Minimum
			6455	6455	-81.5	0.22	-81.72	-62	ON
			6695	6695	-72.9	0.22	-73.12	-62	OFF
			6695	6695	-80.9	0.22	-81.12	-62	Minimum
			6695	6695	-82.9	0.22	-83.12	-62	ON
			7015	7015	-73	0.22	-73.22	-62	OFF
802.11ax-HE160	5	47	6185	6110	-66.3	0.22	-66.52	-62	OFF
				6110	-67.3	0.22	-67.52	-62	Minimum
				6110	-70.3	0.22	-70.52	-62	ON
				6185	-65.7	0.22	-65.92	-62	OFF
				6185	-66.7	0.22	-66.92	-62	Minimum
				6185	-68.7	0.22	-68.92	-62	ON
				6260	-70.2	0.22	-70.42	-62	OFF
				6260	-71.2	0.22	-71.42	-62	Minimum
				6260	-74.2	0.22	-74.42	-62	ON
				6430	-66.9	0.22	-67.12	-62	OFF
	6-7	111	6505	6430	-71.9	0.22	-72.12	-62	Minimum
				6430	-73.9	0.22	-74.12	-62	ON
				6505	-65.8	0.22	-66.02	-62	OFF
				6505	-69.8	0.22	-70.02	-62	Minimum
				6505	-71.8	0.22	-72.02	-62	ON
				6580	-67.8	0.22	-68.02	-62	OFF
				6580	-71.8	0.22	-72.02	-62	Minimum
				6580	-73.8	0.22	-74.02	-62	ON
				6590	-67	0.22	-67.22	-62	OFF
				6590	-69	0.22	-69.22	-62	Minimum
	7	143	6665	6590	-71	0.22	-71.22	-62	ON
				6665	-66.6	0.22	-66.82	-62	OFF
				6665	-68.6	0.22	-68.82	-62	Minimum
				6665	-70.6	0.22	-70.82	-62	ON
				6740	-70.9	0.22	-71.12	-62	OFF
				6740	-72.9	0.22	-73.12	-62	Minimum
				6740	-73.9	0.22	-74.12	-62	ON
				6910	-67	0.22	-67.22	-62	OFF
				6910	-69	0.22	-69.22	-62	Minimum
				6910	-71	0.22	-71.22	-62	ON
	8	207	6985	6985	-63.4	0.22	-63.62	-62	OFF
				6985	-65.4	0.22	-65.62	-62	Minimum
				6985	-66.4	0.22	-66.62	-62	ON
				7060	-69.7	0.22	-69.92	-62	OFF
				7060	-71.7	0.22	-71.92	-62	Minimum
				7060	-73.7	0.22	-73.92	-62	ON

Note 1: The listed Min. gain of EUT was included path loss.

Note 2: Detected level (Adjusted Power) = Injected AWGN Power (dBm) – (Antenna Gain (dBi) + Path loss (dB)) *Note1.

Note 3: The AWGN level is reported for the following conditions:

- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Note 4: The EUT don't support channel puncturing or BW reduction mechanism.

Note 5: Per FCC TCB workshop April 2022, The Injected AWGN power is actual power of AWGN injected into the antenna port.

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

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

● Summary table

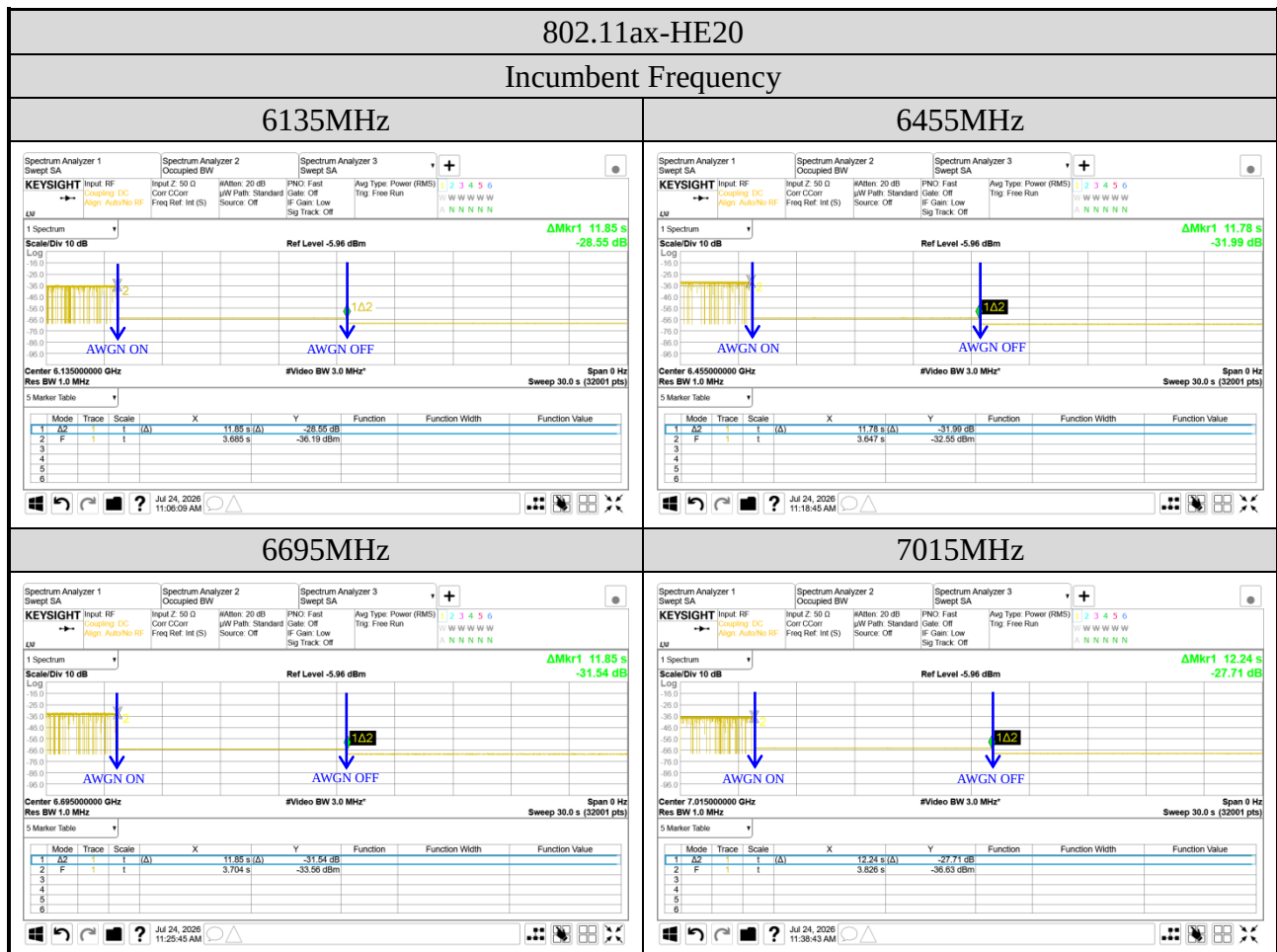
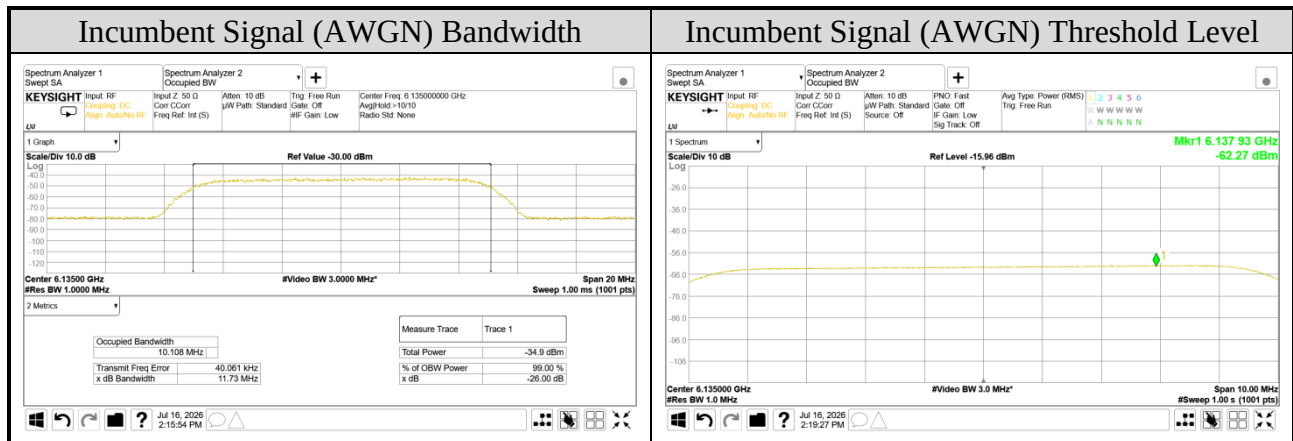
Modulation Type	U-NII Band	Channel Number	EUT Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Possibility (%)	Limit (%)
802.11ax-HE20	5	37	6135	6135	1	1	1	1	1	1	1	1	1	1	100	90
	6	101	6455	6455	1	1	1	1	1	1	1	1	1	1	100	90
	7	149	6695	6695	1	1	1	1	1	1	1	1	1	1	100	90
	8	213	7015	7015	1	1	1	1	1	1	1	1	1	1	100	90
802.11ax-HE160	5	47	6185	6110	1	1	1	1	1	1	1	1	1	1	100	90
				6185	1	1	1	1	1	1	1	1	1	1	100	90
				6260	1	1	1	1	1	1	1	1	1	1	100	90
	6-7	111	6505	6430	1	1	1	1	1	1	1	1	1	1	100	90
				6505	1	1	1	1	1	1	1	1	1	1	100	90
				6580	1	1	1	1	1	1	1	1	1	1	100	90
	7	143	6665	6590	1	1	1	1	1	1	1	1	1	1	100	90
				6665	1	1	1	1	1	1	1	1	1	1	100	90
				6740	1	1	1	1	1	1	1	1	1	1	100	90
	8	207	6985	6910	1	1	1	1	1	1	1	1	1	1	100	90
				6985	1	1	1	1	1	1	1	1	1	1	100	90
				7060	1	1	1	1	1	1	1	1	1	1	100	90

Note: CBP Detection Trials (1= Detection, 0= No Detection)

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

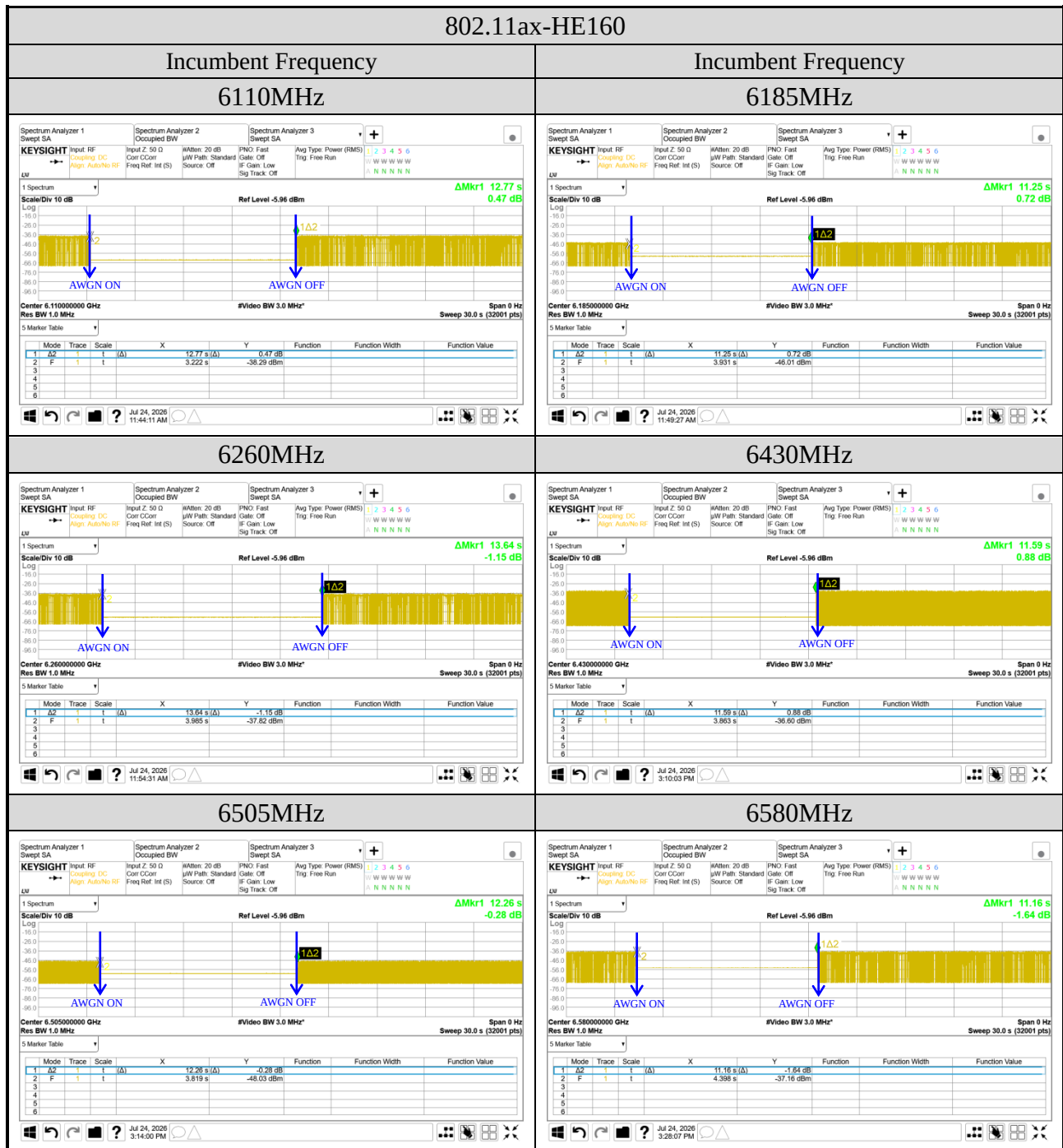
Tel: +886 2 26099301
Fax: +886 2 26099303

A.8.2 Measurement Plots



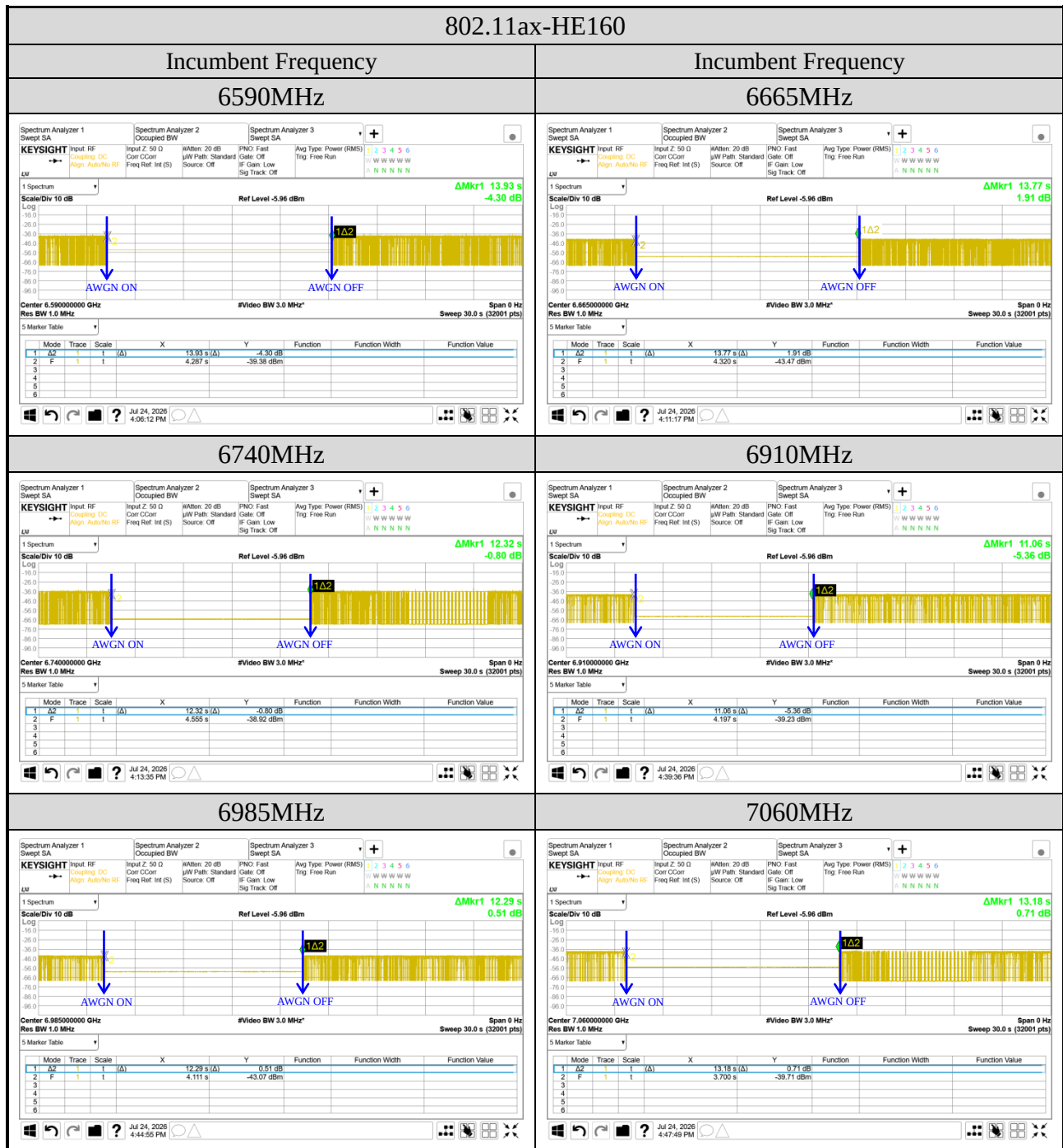
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

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.9 FREQUENCY STABILITY

Test Date	2026/09/09	Temp./Hum.	22°C/55%
Test Voltage	120Vac / 102Vac / 138Vac	Tested By	Sean Wang

A.9.1 Frequency stability Result

Temperature (°C)	Voltage (Vac)	Centre Frequency (MHz)	Measurement Value (MHz)	Frequency Stability (ppm)
25	120	5955	5954.985	-2.519
-30	102	5955	5954.993	-1.175
	138	5955	5955.028	4.702
-20	102	5955	5954.986	-2.351
	138	5955	5954.977	-3.862
-10	102	5955	5954.98	-3.359
	138	5955	5954.994	-1.008
0	102	5955	5955.016	2.687
	138	5955	5954.975	-4.198
10	102	5955	5955.019	3.191
	138	5955	5955.018	3.023
20	102	5955	5955.026	4.366
	138	5955	5954.997	-0.504
30	102	5955	5954.983	-2.855
	138	5955	5955.024	4.030
40	102	5955	5955.006	1.008
	138	5955	5954.992	-1.343
50	102	5955	5955.015	2.519
	138	5955	5954.989	-1.847