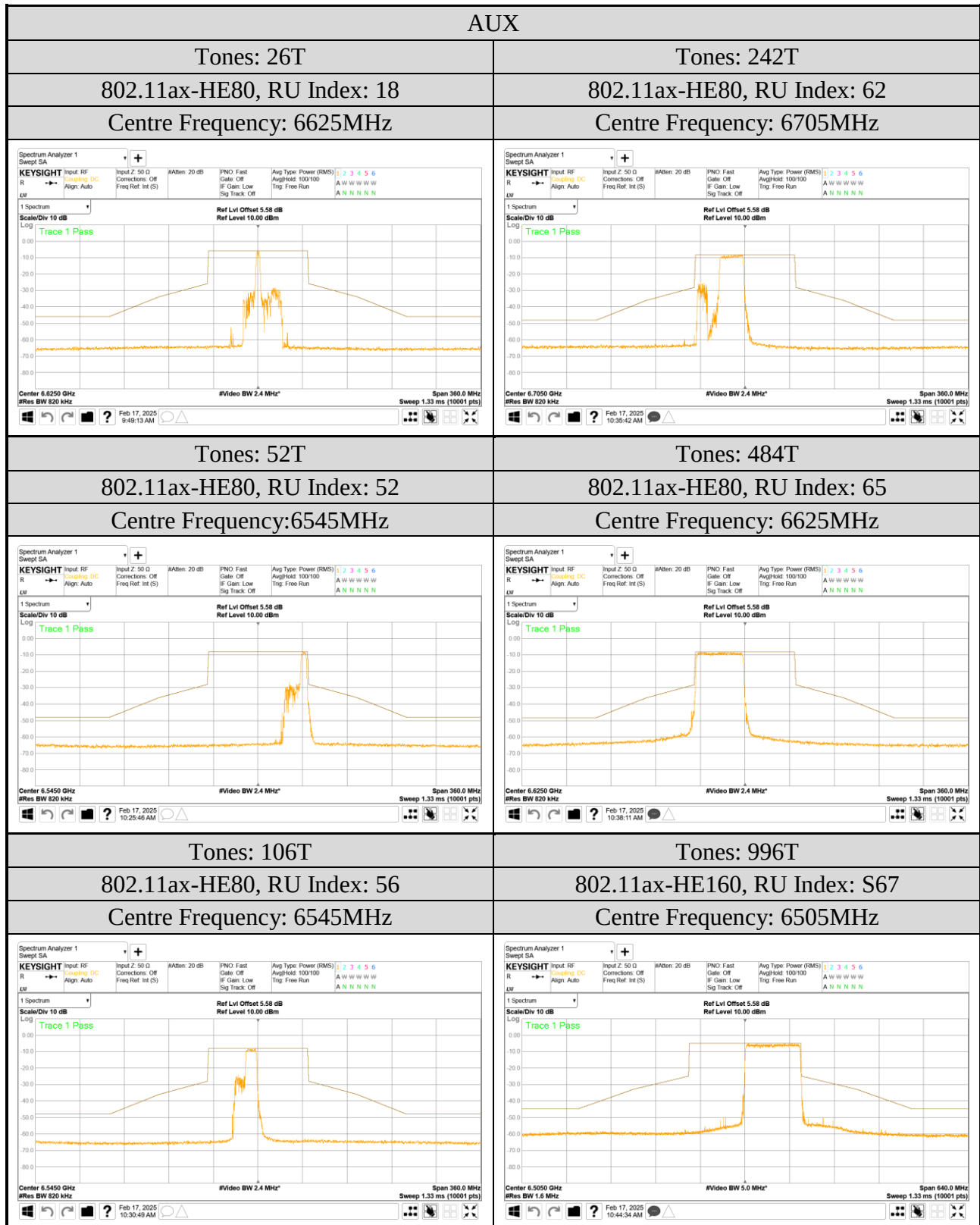


Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

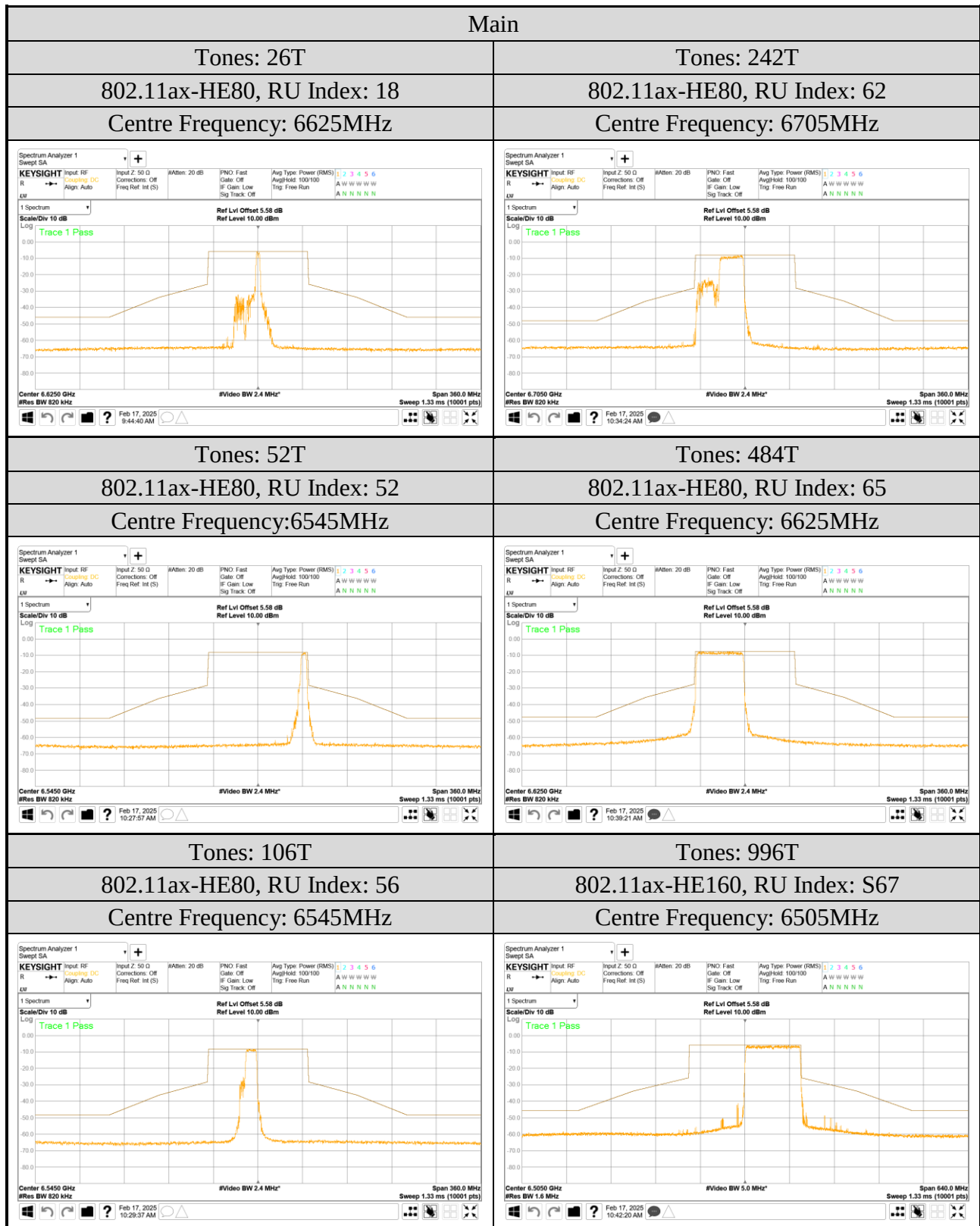
Tel: +886 2 26099301
Fax: +886 2 26099303

● OFDMA Modulation



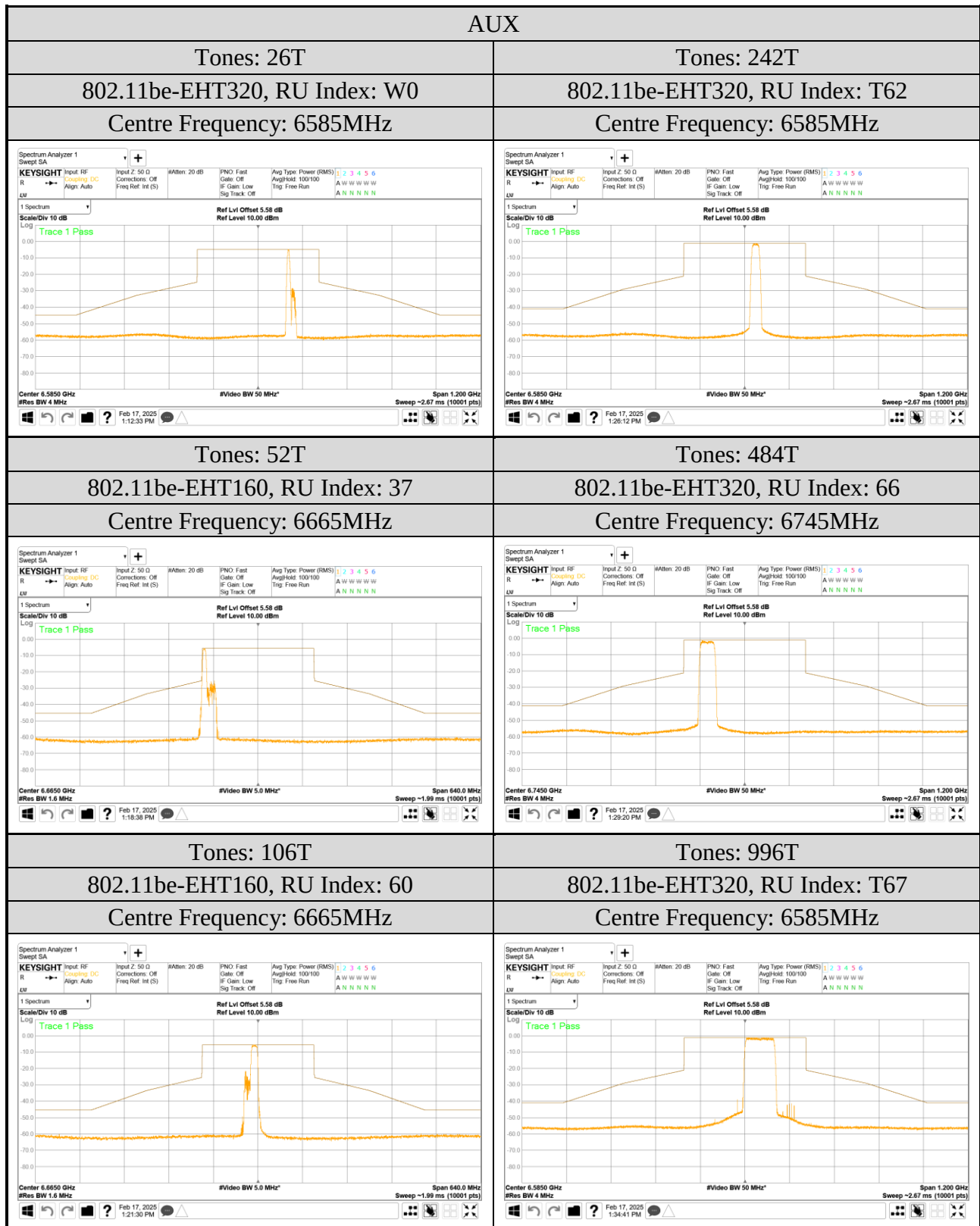
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



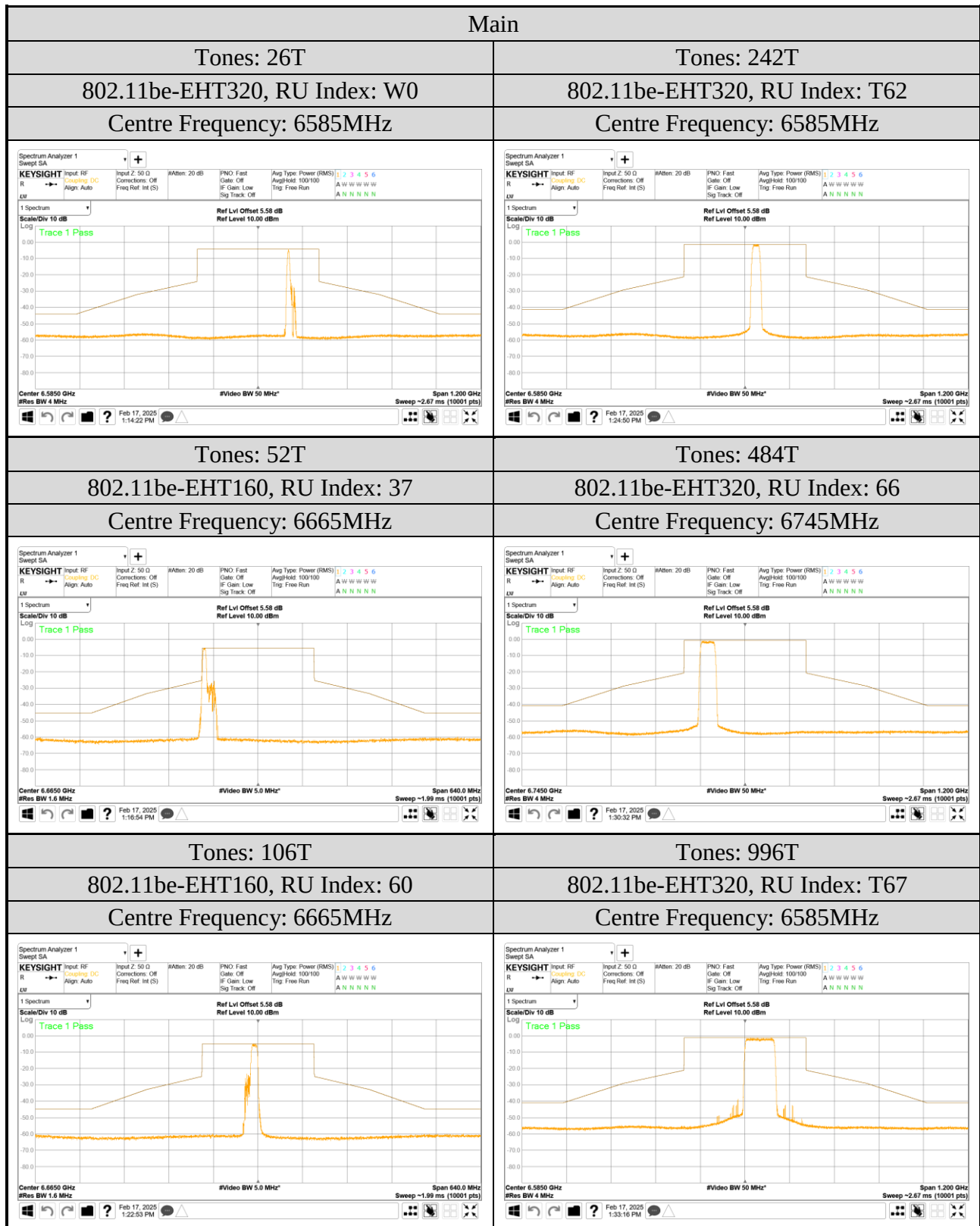
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

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



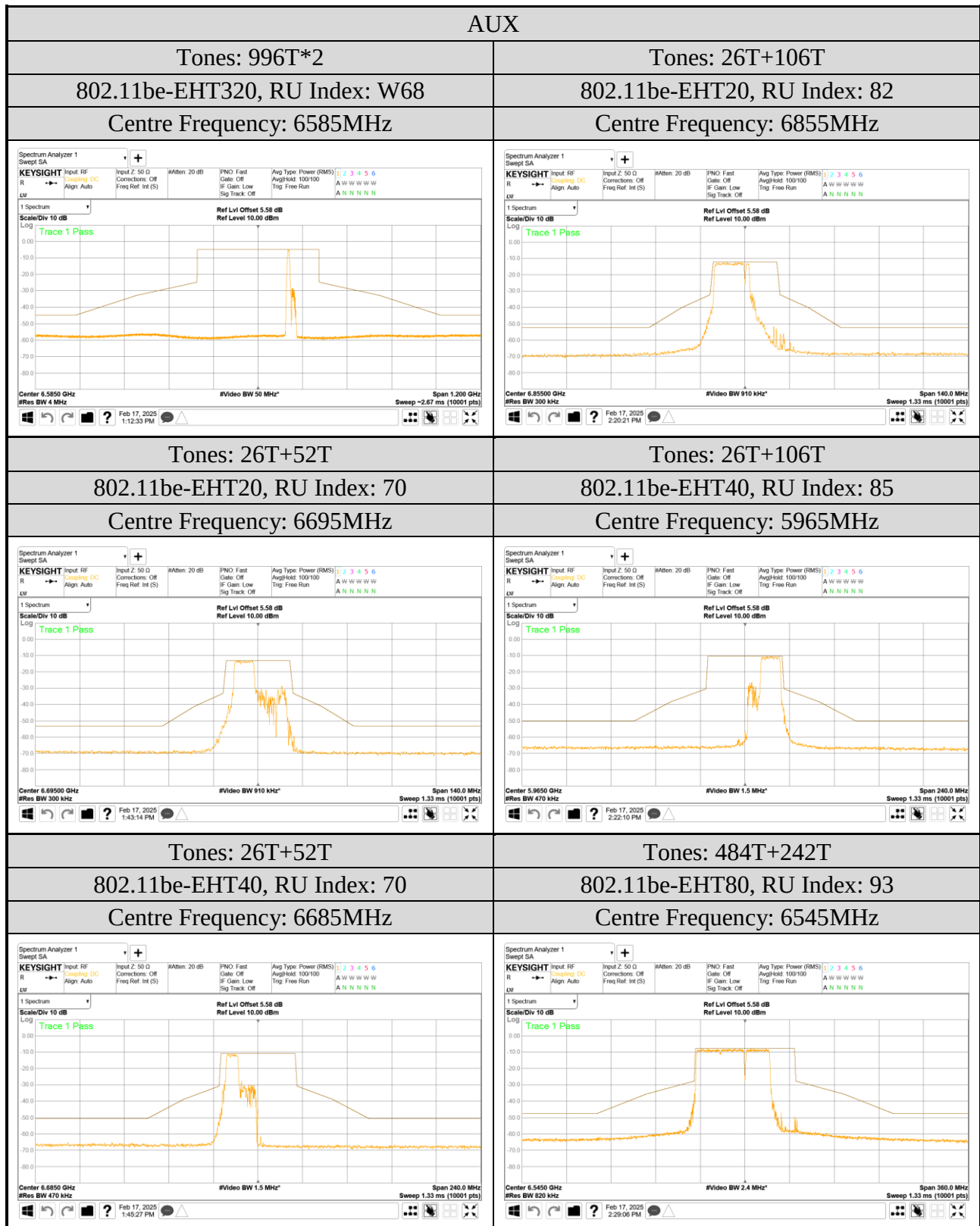
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



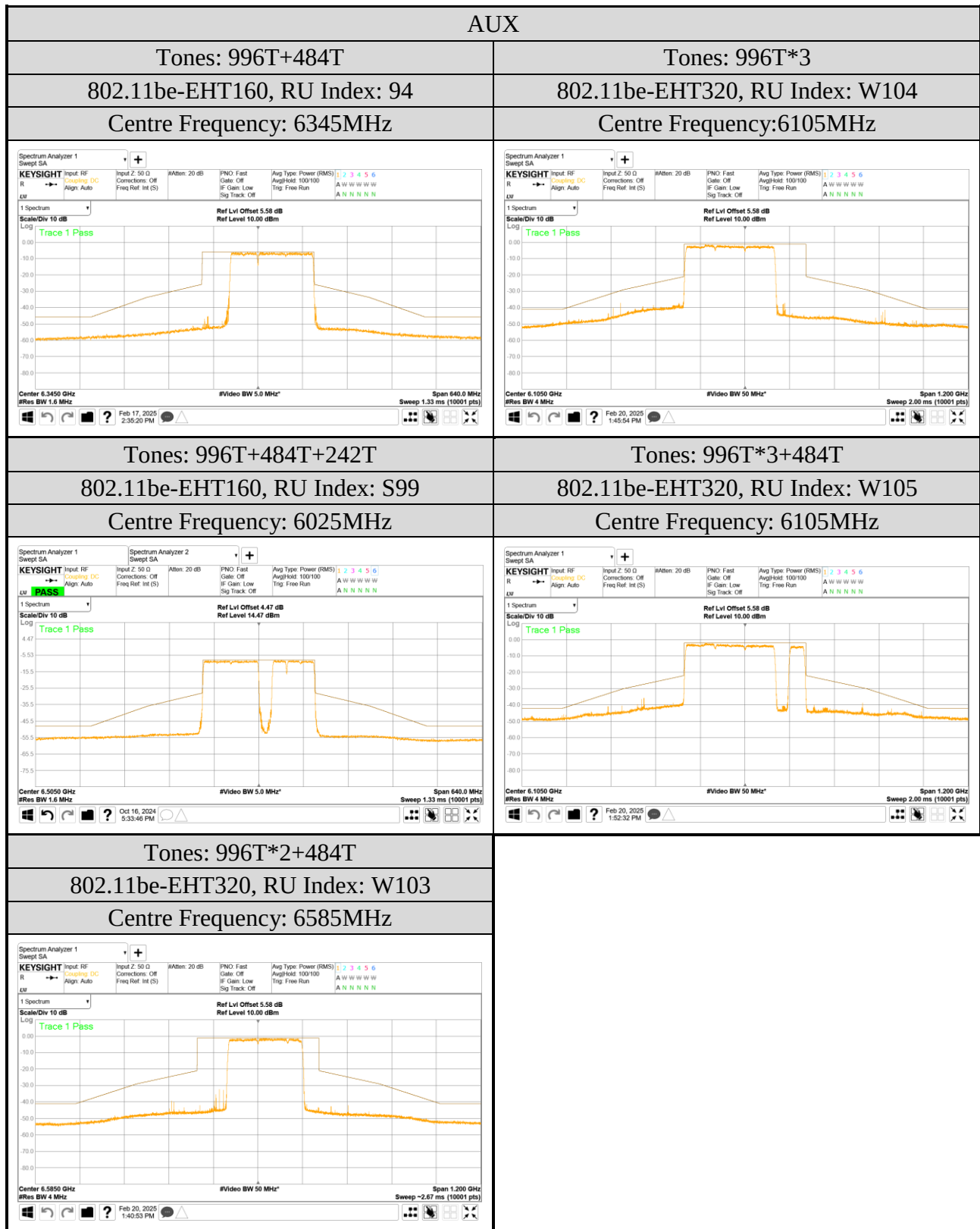
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



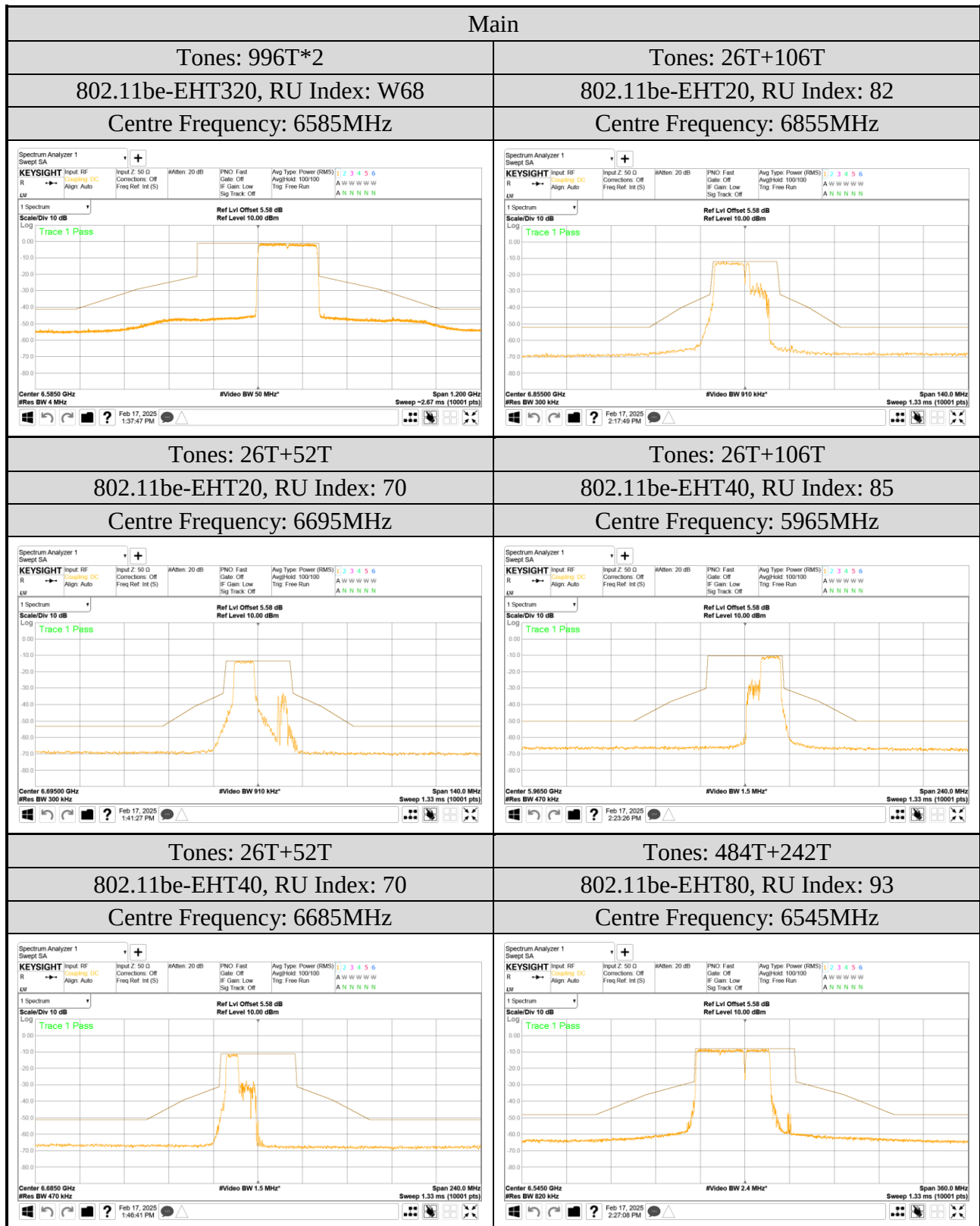
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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



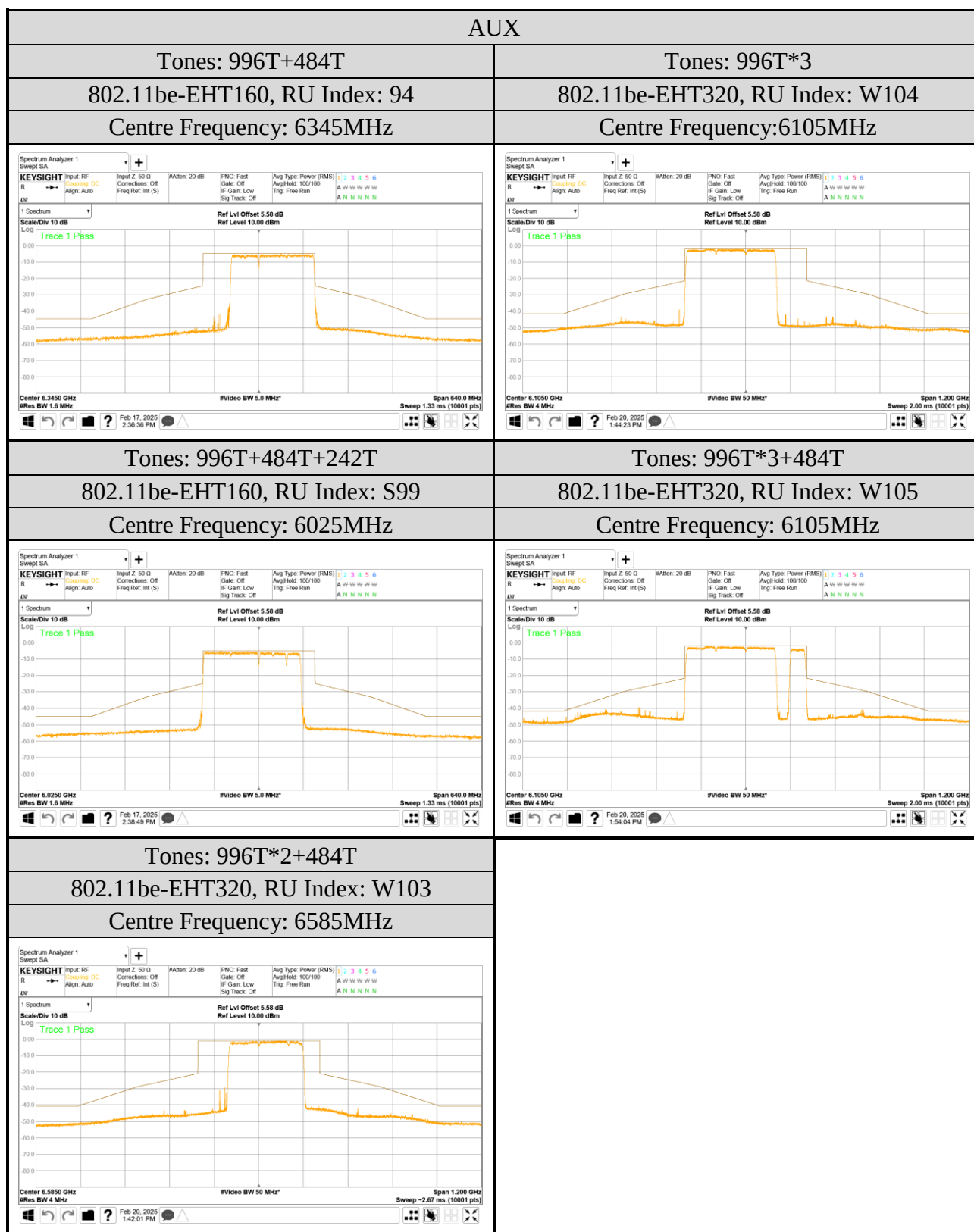
Audix Technology Corp.

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

New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303



A.8 CONTENTION BASED PROTOCOL

Test Date	2025/02/12 ~ 13	Temp./Hum.	20 ~ 22℃/60 ~ 62%
Cable Loss	N/A	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.8.1 Contention-based Protocol

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

Mode	U-NII Band	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
802.11be-EHT20	5	6135	6135	-77.94	1.20	-79.14	-62	OFF
			6135	-83.94	1.20	-85.14	-62	Minimum
			6135	-85.94	1.20	-87.14	-62	ON
	6	6455	6455	-76.79	1.20	-77.99	-62	OFF
			6455	-83.79	1.20	-84.99	-62	Minimum
			6455	-85.79	1.20	-86.99	-62	ON
	7	6695	6695	-77.53	1.20	-78.73	-62	OFF
			6695	-82.53	1.20	-83.73	-62	Minimum
			6695	-83.53	1.20	-84.73	-62	ON
	8	7015	7015	-80.41	1.20	-81.61	-62	OFF
			7015	-86.41	1.20	-87.61	-62	Minimum
			7015	-88.41	1.20	-89.61	-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 City244, Taiwan

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

Mode	U-NII Band	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
802.11be-EHT320	5	6105	6030	-74.78	1.20	-75.98	-62	OFF
			6030	-83.78	1.20	-84.98	-62	Minimum
			6030	-85.78	1.20	-86.98	-62	ON
			6105	-77.67	1.20	-78.87	-62	OFF
			6105	-83.67	1.20	-84.87	-62	Minimum
			6105	-84.67	1.20	-85.87	-62	ON
			6180	-78.82	1.20	-80.02	-62	OFF
			6180	-83.82	1.20	-85.02	-62	Minimum
			6180	-85.82	1.20	-87.02	-62	ON
	5/6/7	6585	6510	-78.70	1.20	-79.90	-62	OFF
			6510	-81.70	1.20	-82.90	-62	Minimum
			6510	-83.70	1.20	-84.90	-62	ON
			6585	-76.94	1.20	-78.14	-62	OFF
			6585	-81.94	1.20	-83.14	-62	Minimum
			6585	-83.94	1.20	-85.14	-62	ON
			6660	-79.48	1.20	-80.68	-62	OFF
			6660	-82.48	1.20	-83.68	-62	Minimum
			6660	-83.48	1.20	-84.68	-62	ON
	7/8	6745	6670	-79.15	1.20	-80.35	-62	OFF
			6670	-83.15	1.20	-84.35	-62	Minimum
			6670	-84.15	1.20	-85.35	-62	ON
			6745	-77.09	1.20	-78.29	-62	OFF
			6745	-83.09	1.20	-84.29	-62	Minimum
			6745	-84.09	1.20	-85.29	-62	ON
			6820	-76.75	1.20	-77.95	-62	OFF
			6820	-81.75	1.20	-82.95	-62	Minimum
			6820	-83.75	1.20	-84.95	-62	ON
	7/8	6905	6830	-78.90	1.20	-80.10	-62	OFF
			6830	-81.90	1.20	-83.10	-62	Minimum
			6830	-83.90	1.20	-85.10	-62	ON
			6905	-75.99	1.20	-77.19	-62	OFF
			6905	-80.99	1.20	-82.19	-62	Minimum
			6905	-82.99	1.20	-84.19	-62	ON
			6980	-78.93	1.20	-80.13	-62	OFF
			6980	-81.93	1.20	-83.13	-62	Minimum
			6980	-83.93	1.20	-85.13	-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

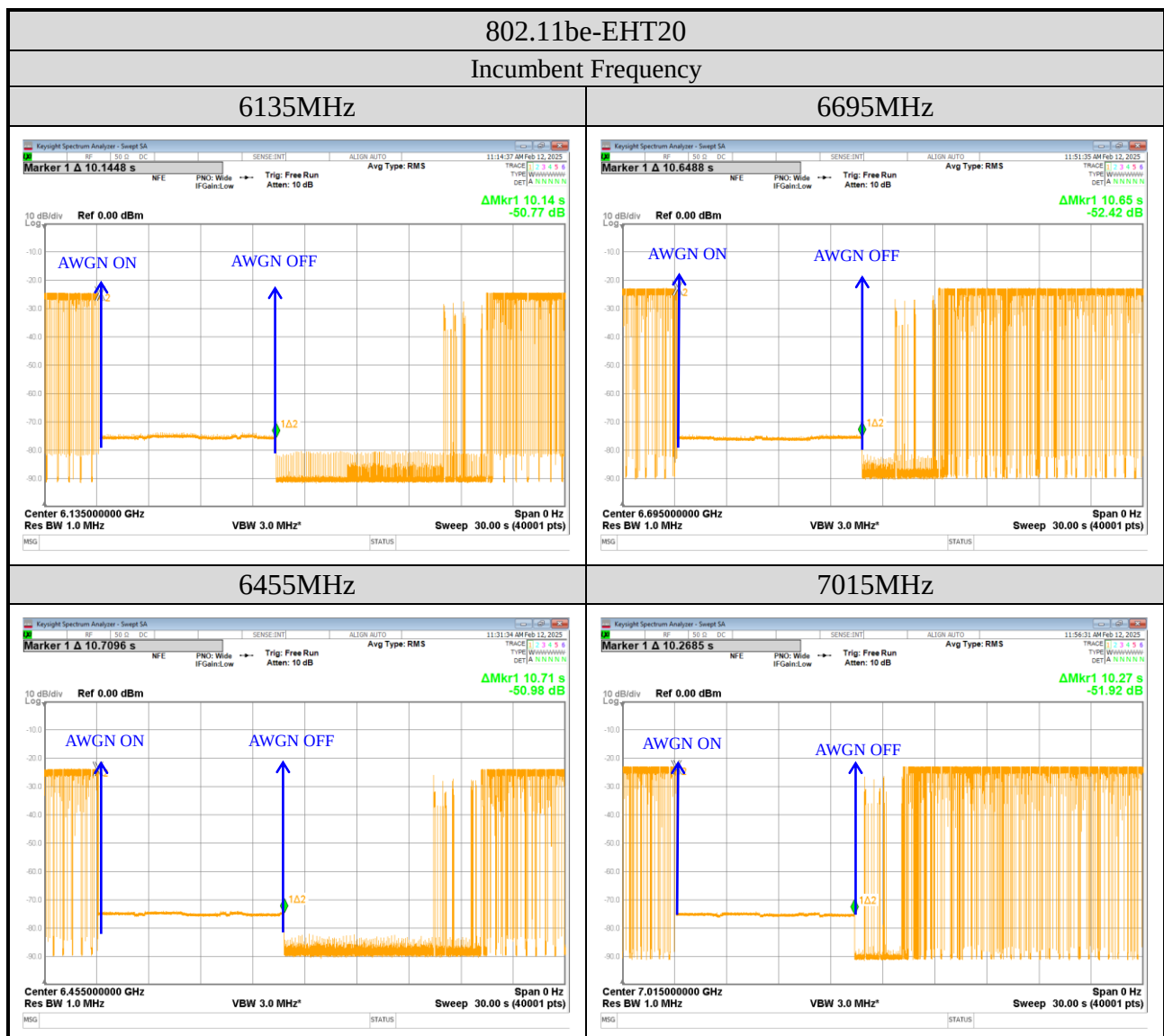
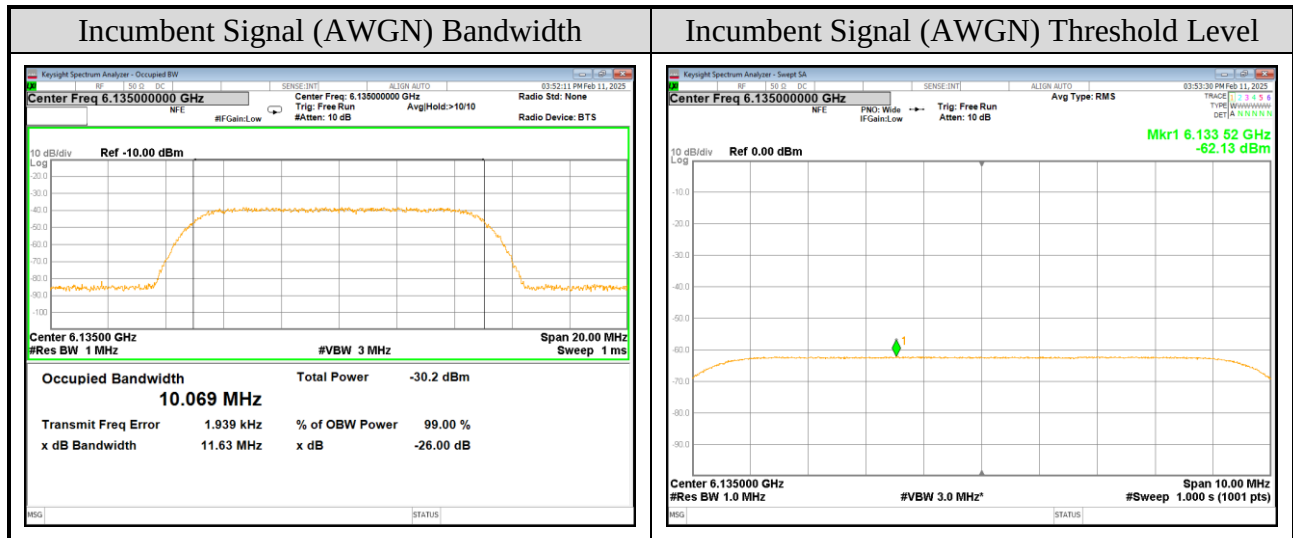
Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Possibility (%)	Limit (%)
802.11be-EHT20	5	6135	6135	1	1	1	1	1	1	1	1	1	1	100	90
	6	6455	6455	1	1	1	1	1	1	1	1	1	1	100	90
	7	6695	6695	1	1	1	1	1	1	1	1	1	1	100	90
	8	7015	7015	1	1	1	1	1	1	1	1	1	1	100	90
802.11be-EHT320	5	6105	5950	1	1	1	1	1	1	1	1	1	1	100	90
			6105	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
	5/6/7	6585	6270	1	1	1	1	1	1	1	1	1	1	100	90
			6425	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
	7/8	6745	6590	1	1	1	1	1	1	1	1	1	1	100	90
			6745	1	1	1	1	1	1	1	1	1	1	100	90
			6900	1	1	1	1	1	1	1	1	1	1	100	90
	7/8	6905	6750	1	1	1	1	1	1	1	1	1	1	100	90
			6905	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

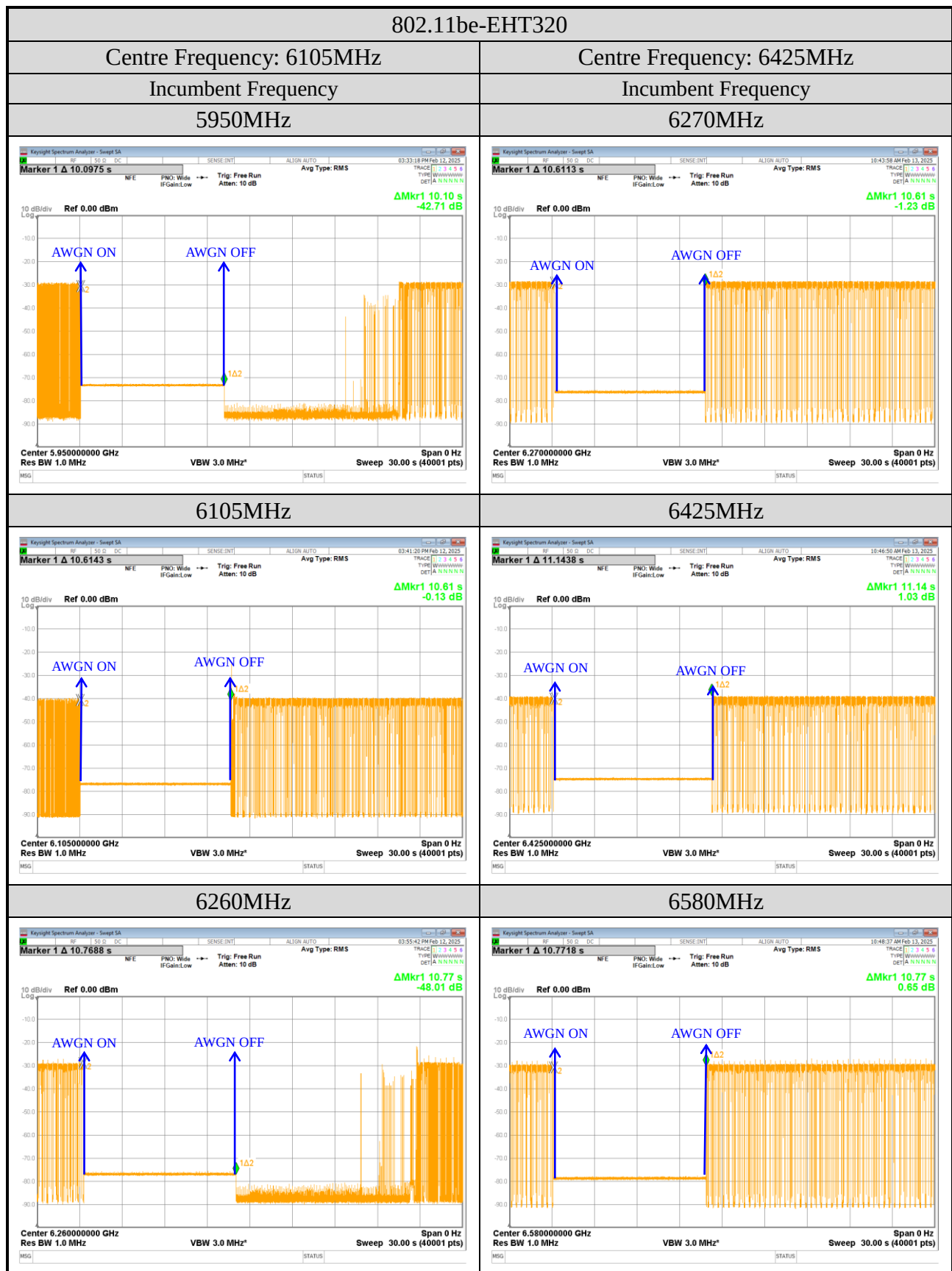
Note: CBP Detection Trials (1= Detection, 0= No Detection)

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 City244, Taiwan

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

