

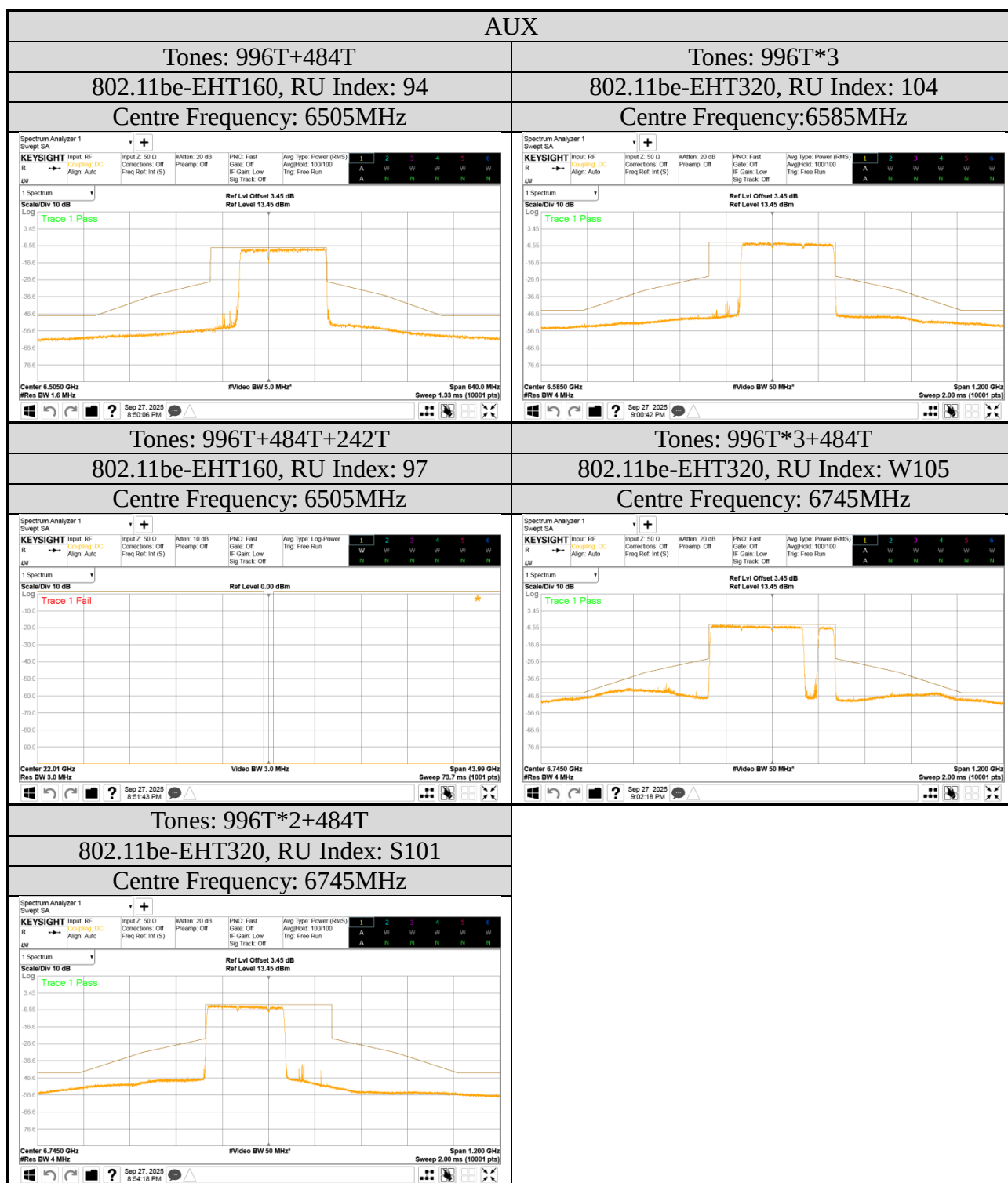
Audix Technology Corp.

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

New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303



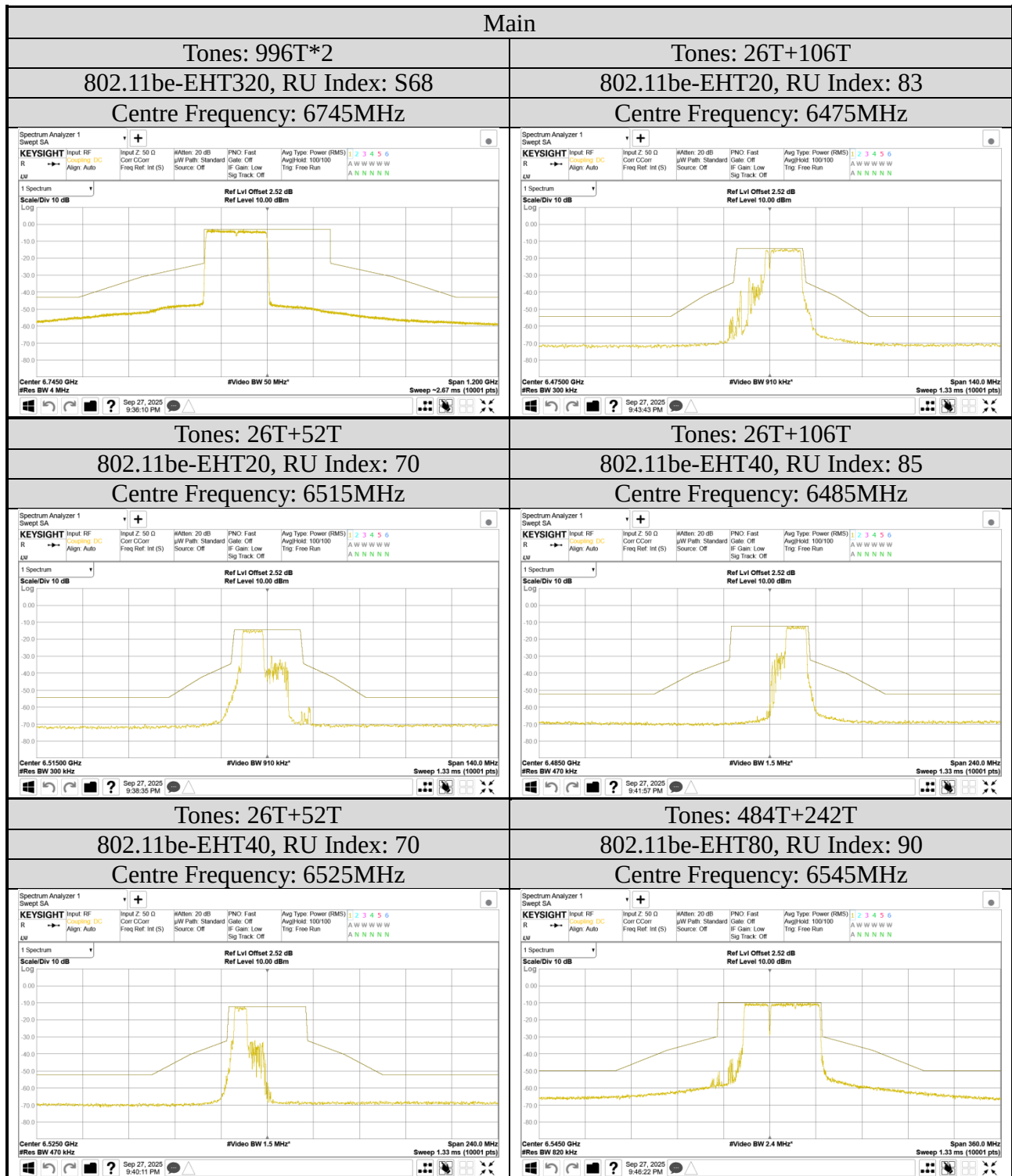
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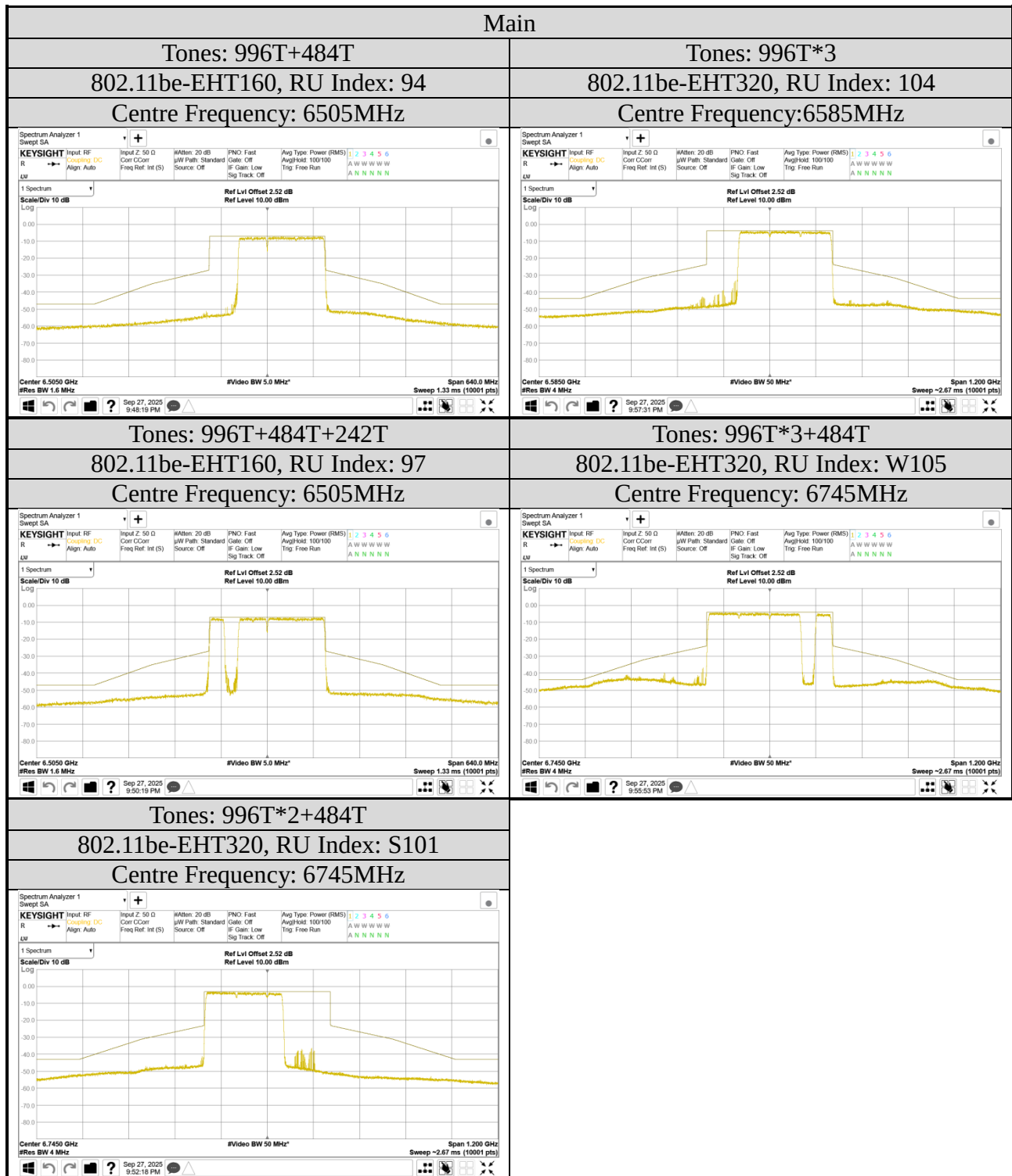
Tel: +886 2 26099301

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A.8 CONTENTION BASED PROTOCOL

Test Date	2025/09/04 ~ 10/18	Temp./Hum.	23 ~ 25°C/52 ~ 54%
Cable Loss	N/A	Tested By	Sam Chang
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	-82.29	-0.51	-81.78	-62	OFF
			6135	-96.29	-0.51	-95.78	-62	Minimum
			6135	-98.29	-0.51	-97.78	-62	ON
	6	6455	6455	-78.42	-0.51	-77.91	-62	OFF
			6455	-92.42	-0.51	-91.91	-62	Minimum
			6455	-94.42	-0.51	-93.91	-62	ON
	7	6695	6695	-79.41	-0.51	-78.90	-62	OFF
			6695	-88.41	-0.51	-87.90	-62	Minimum
			6695	-90.41	-0.51	-89.90	-62	ON
	8	7015	7015	-78.17	-0.51	-77.66	-62	OFF
			7015	-90.17	-0.51	-89.66	-62	Minimum
			7015	-92.17	-0.51	-91.66	-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.

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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	5950	-78.89	-0.51	-78.38	-62	OFF
			5950	-84.89	-0.51	-84.38	-62	Minimum
			5950	-85.89	-0.51	-85.38	-62	ON
			6105	-72.30	-0.51	-71.79	-62	OFF
			6105	-83.30	-0.51	-82.79	-62	Minimum
			6105	-84.30	-0.51	-83.79	-62	ON
			6260	-76.72	-0.51	-76.21	-62	OFF
			6260	-82.72	-0.51	-82.21	-62	Minimum
	5/6/7	6425	6260	-83.72	-0.51	-83.21	-62	ON
			6270	-73.63	-0.51	-73.12	-62	OFF
			6270	-83.63	-0.51	-83.12	-62	Minimum
			6270	-84.63	-0.51	-84.12	-62	ON
			6425	-75.92	-0.51	-75.41	-62	OFF
			6425	-82.92	-0.51	-82.41	-62	Minimum
			6425	-83.92	-0.51	-83.41	-62	ON
			6580	-69.11	-0.51	-68.60	-62	OFF
	7/8	6745	6580	-84.11	-0.51	-83.60	-62	Minimum
			6580	-85.11	-0.51	-84.60	-62	ON
			6590	-78.20	-0.51	-77.69	-62	OFF
			6590	-83.20	-0.51	-82.69	-62	Minimum
			6590	-84.20	-0.51	-83.69	-62	ON
			6745	-76.69	-0.51	-76.18	-62	OFF
			6745	-80.69	-0.51	-80.18	-62	Minimum
			6745	-82.69	-0.51	-82.18	-62	ON
	7/8	6905	6900	-78.80	-0.51	-78.29	-62	OFF
			6900	-83.80	-0.51	-83.29	-62	Minimum
			6900	-84.80	-0.51	-84.29	-62	ON
			6750	-80.16	-0.51	-79.65	-62	OFF
			6750	-83.16	-0.51	-82.65	-62	Minimum
			6750	-84.16	-0.51	-83.65	-62	ON
			6905	-74.70	-0.51	-74.19	-62	OFF
			6905	-82.70	-0.51	-82.19	-62	Minimum
			6905	-83.70	-0.51	-83.19	-62	ON
			7060	-77.81	-0.51	-77.30	-62	OFF
			7060	-80.81	-0.51	-80.30	-62	Minimum
			7060	-81.81	-0.51	-81.30	-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.
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Note 4: The EUT don't support channel puncturing or BW reduction mechanism.

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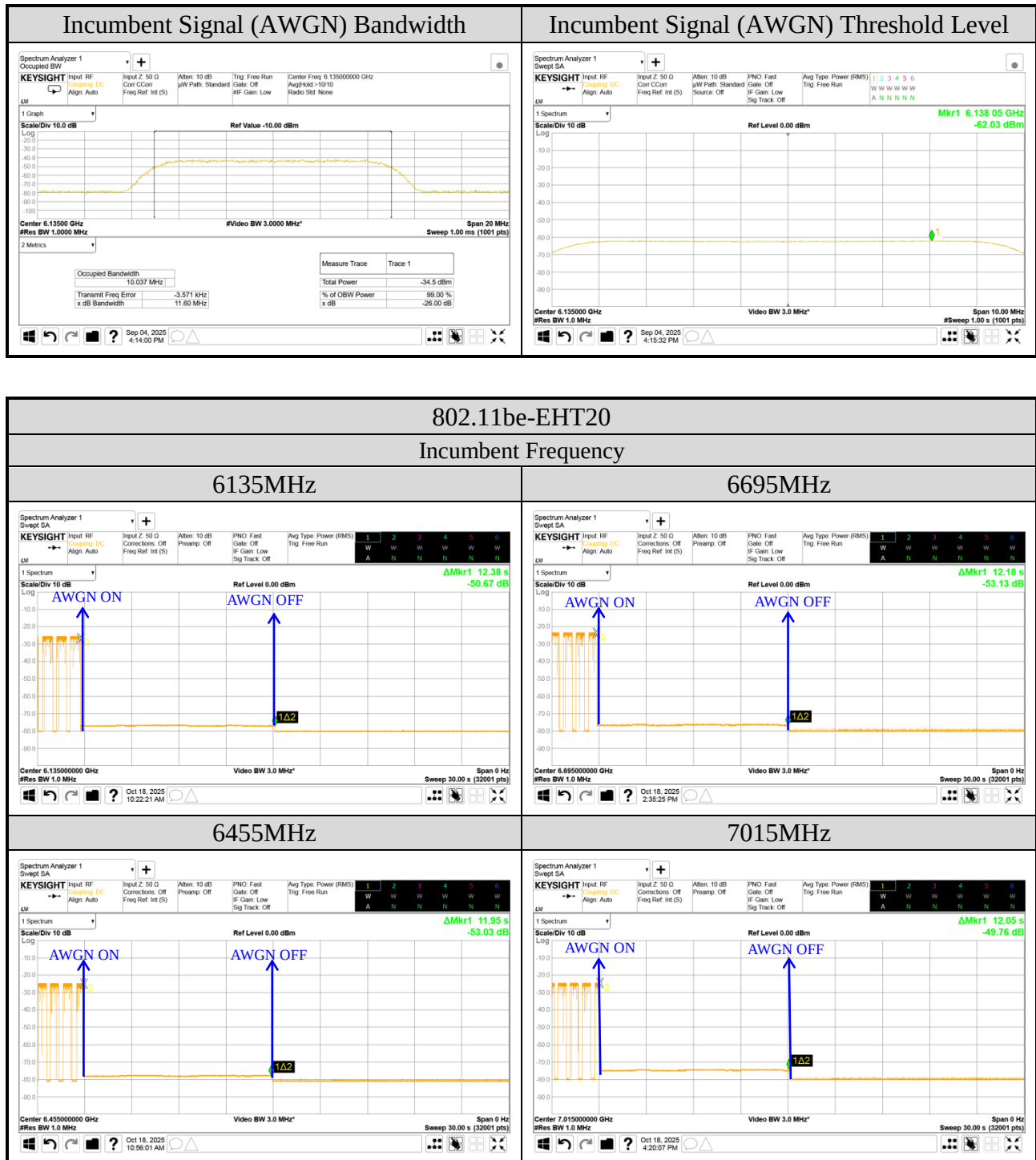
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● Summary table

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	0	1	1	1	100	90
	6	6455	6455	1	1	0	1	1	1	1	1	1	1	100	90
	7	6695	6695	1	1	1	1	1	1	1	1	1	0	100	90
	8	7015	7015	1	1	1	1	1	0	1	1	1	1	100	90
802.11be-EHT320	5	6105	5950	1	1	1	1	1	0	1	1	1	1	100	90
			6105	1	1	0	1	1	1	1	1	1	1	100	90
			6260	1	1	1	1	1	0	1	1	1	1	100	90
	5/6/7	6425	6270	1	1	1	1	1	0	1	1	1	1	100	90
			6425	1	1	1	0	1	1	1	1	1	1	100	90
			6580	1	0	1	1	1	1	1	1	1	1	100	90
	7/8	6745	6590	1	1	1	1	1	0	1	1	1	1	100	90
			6745	1	1	0	1	1	1	1	1	1	1	100	90
			6900	1	1	0	1	1	1	1	1	1	1	100	90
	7/8	6905	6750	0	1	1	1	1	1	1	1	1	1	100	90
			6905	0	1	1	1	1	1	1	1	1	1	100	90
			7060	1	1	1	1	0	1	1	1	1	1	100	90

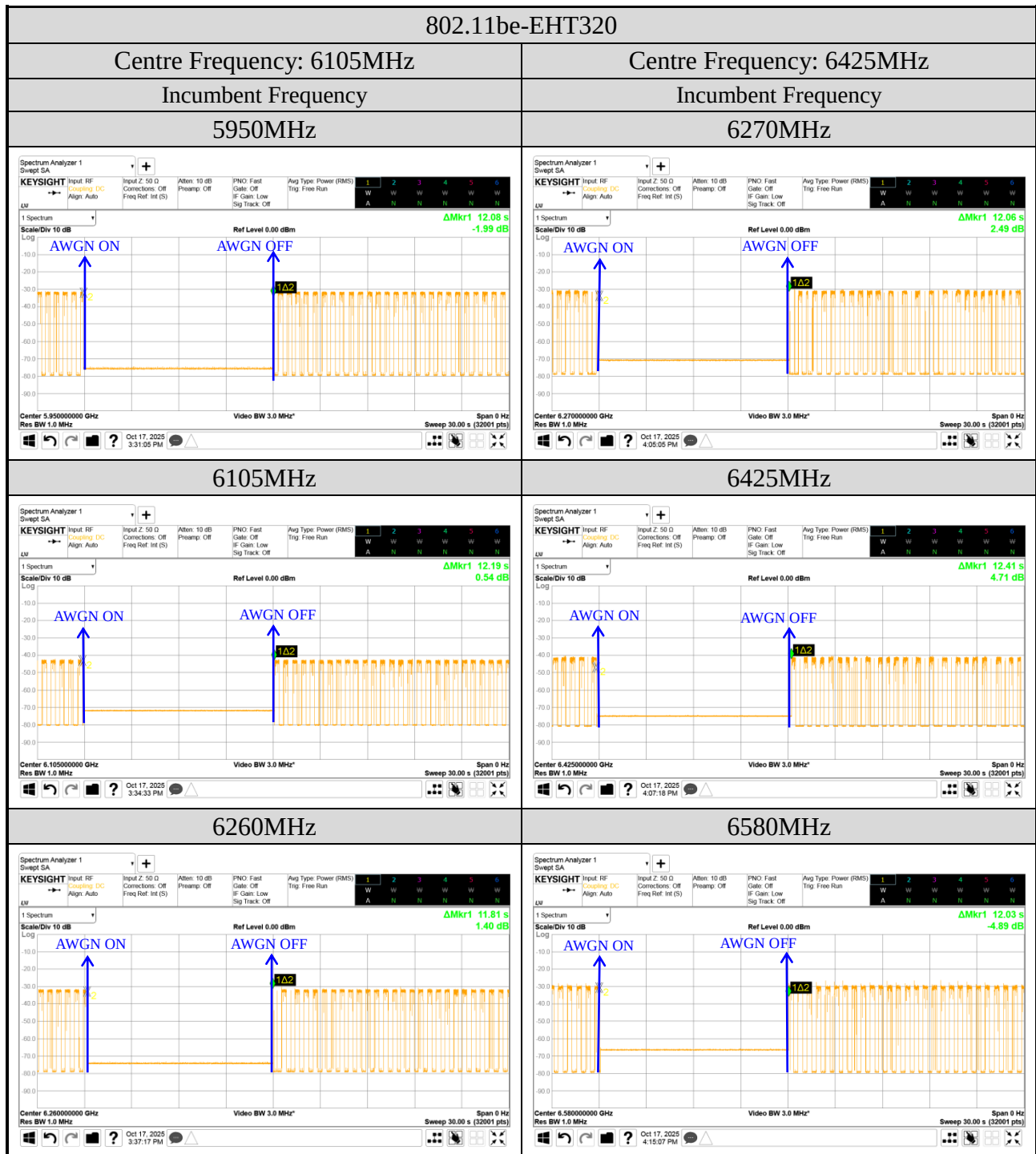
Note: CBP Detection Trials (1= Detection, 0= No Detection)

A.8.2 Measurement Plots



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