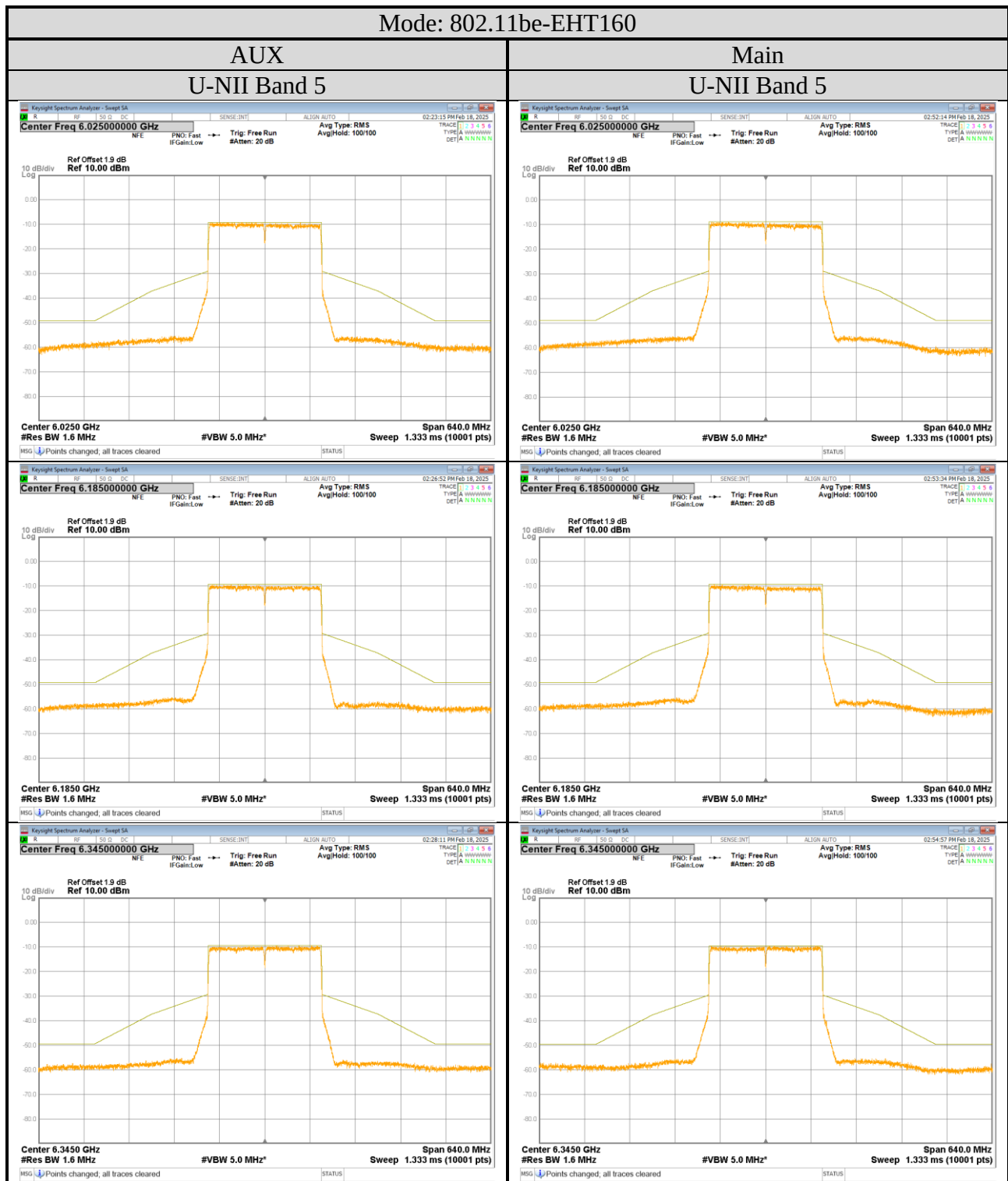
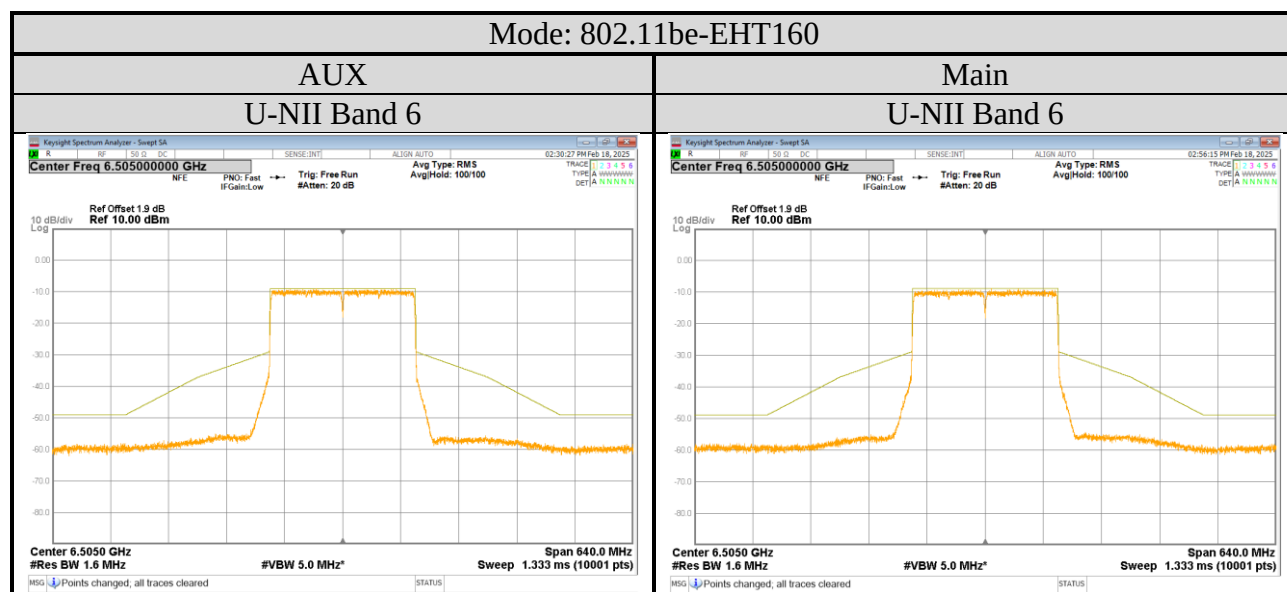


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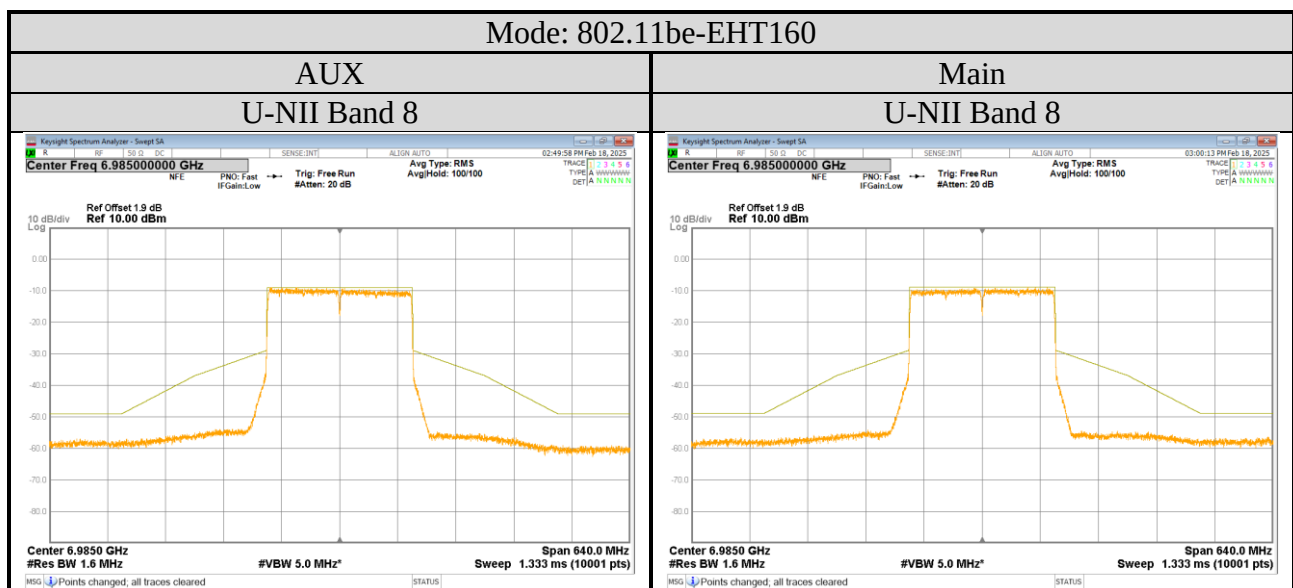
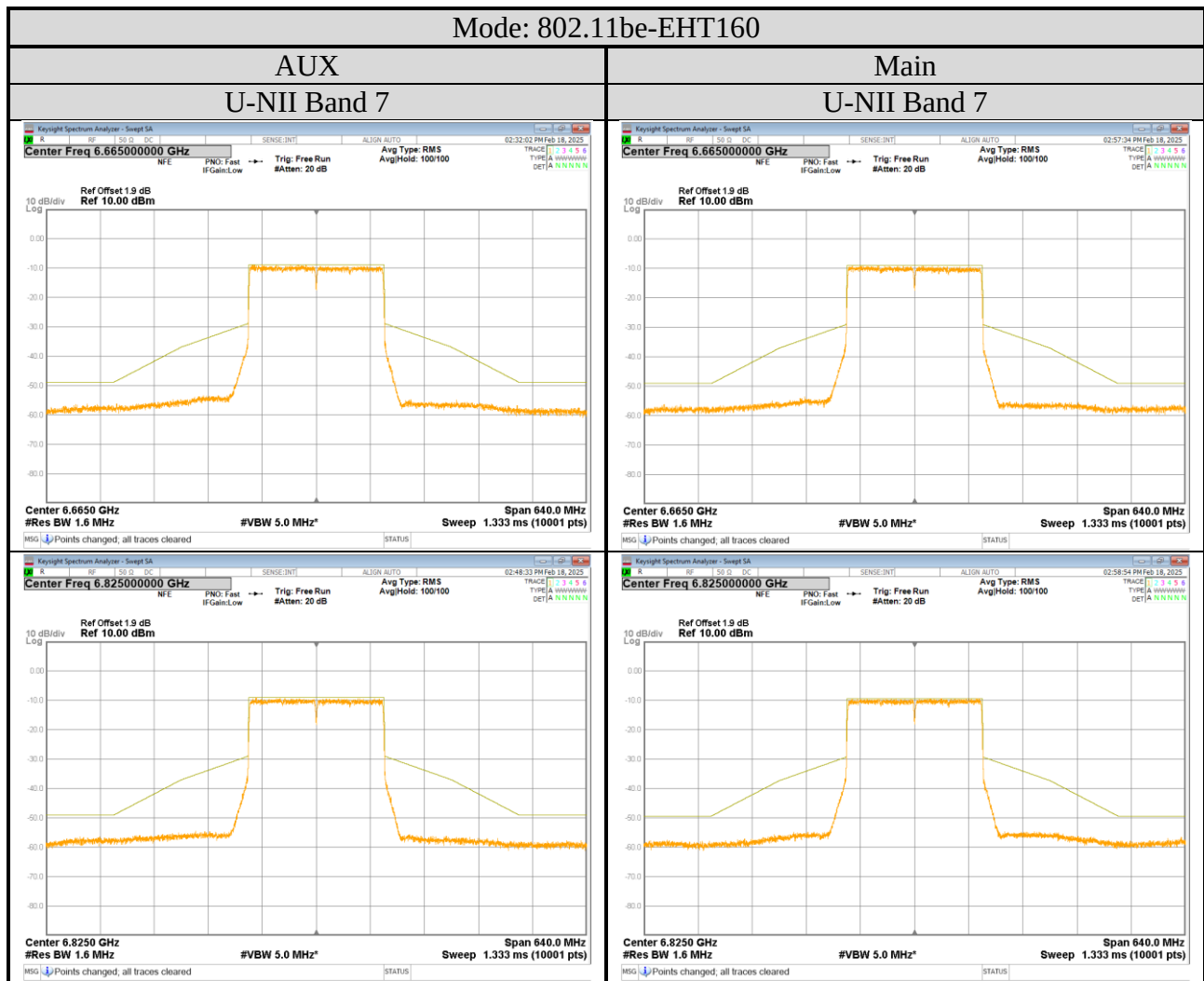
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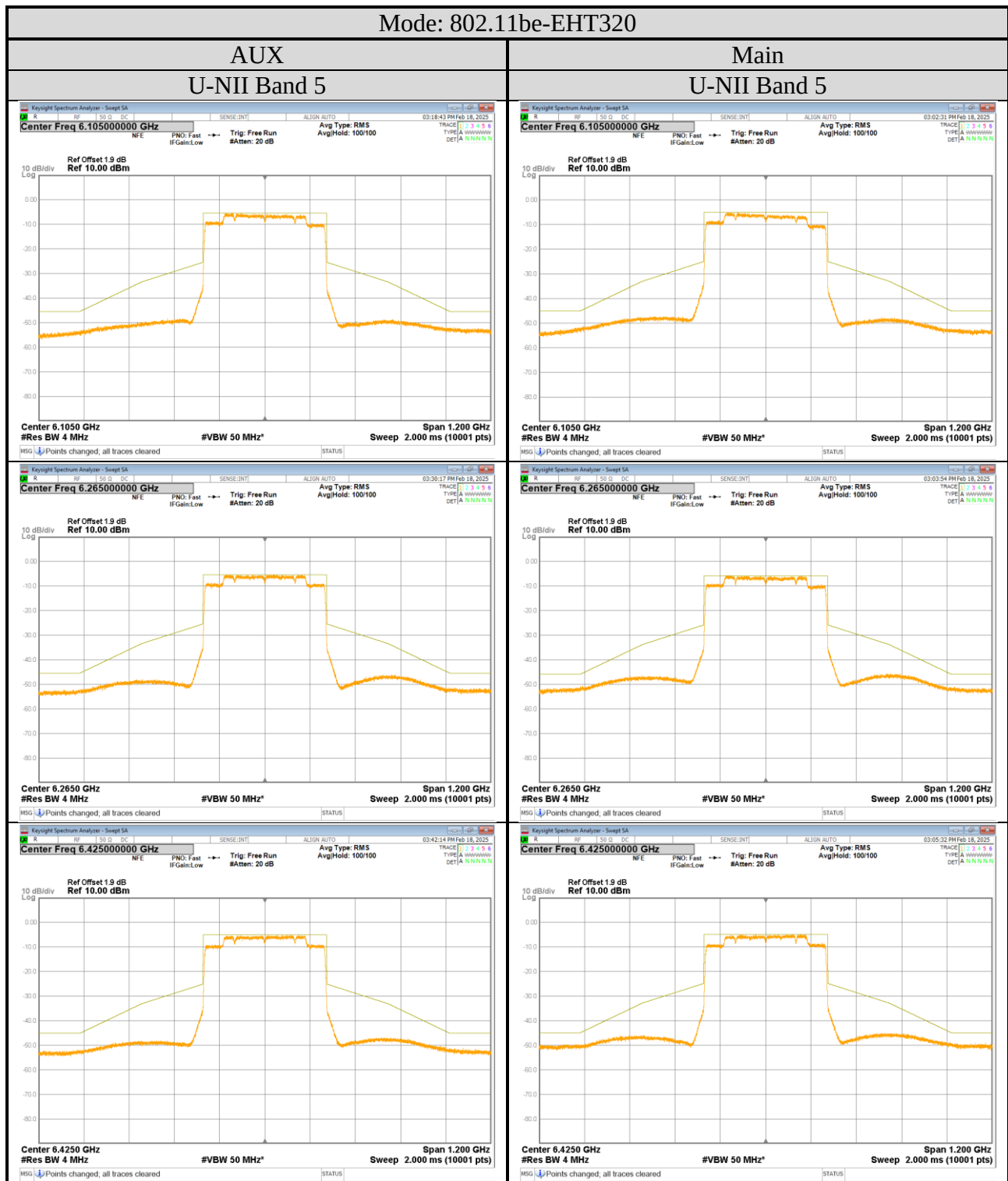
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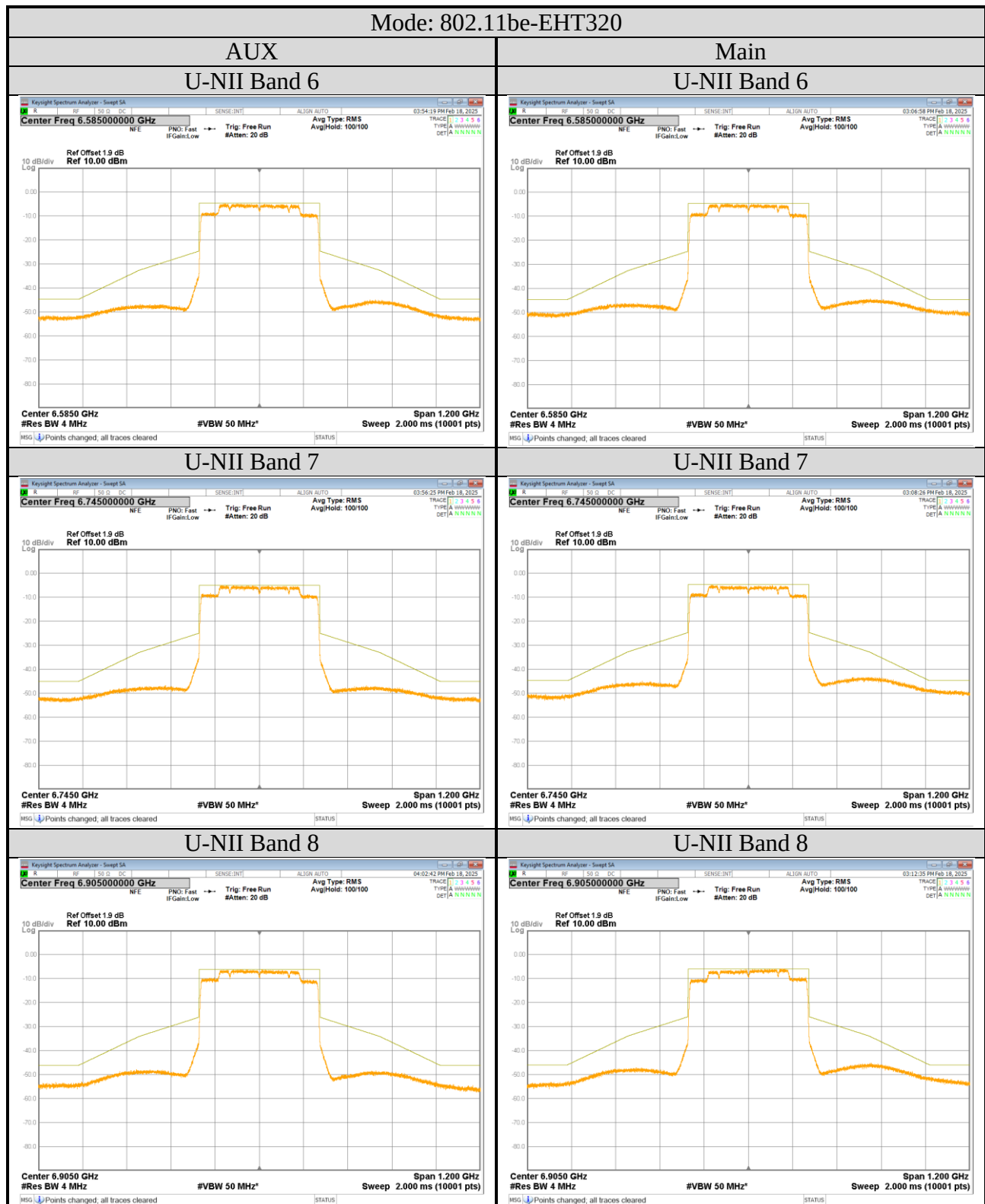
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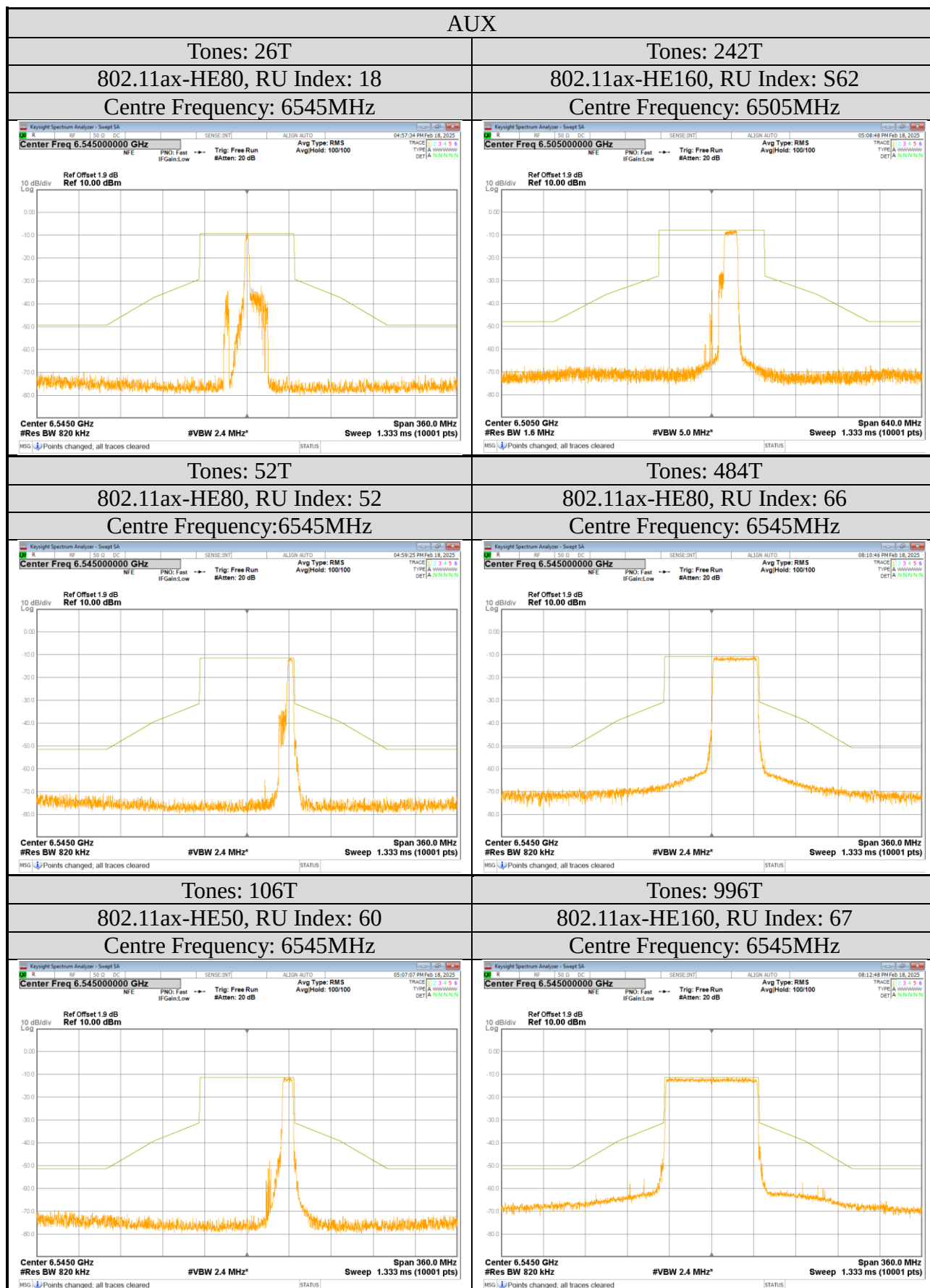
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● OFDMA Modulation



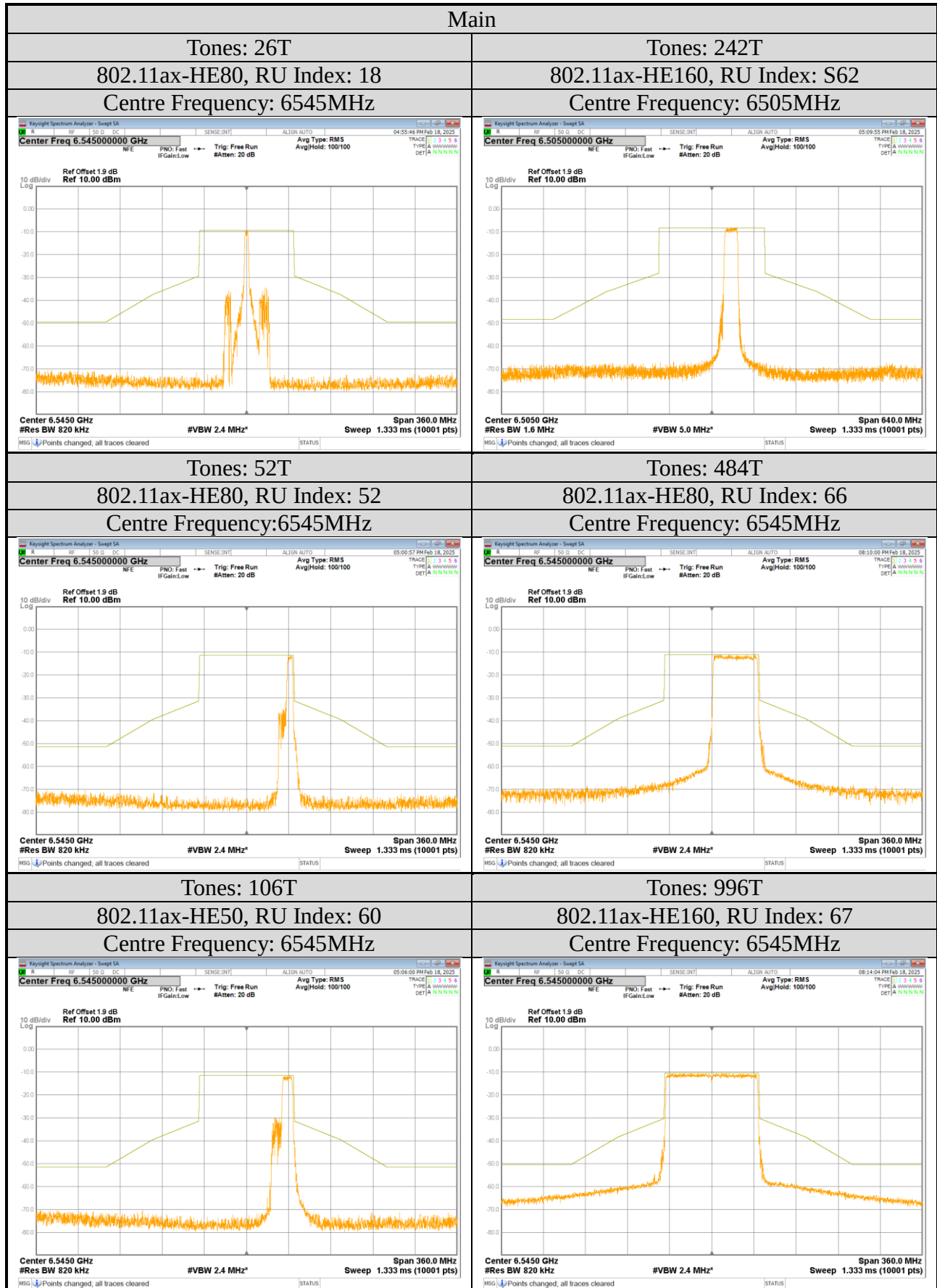
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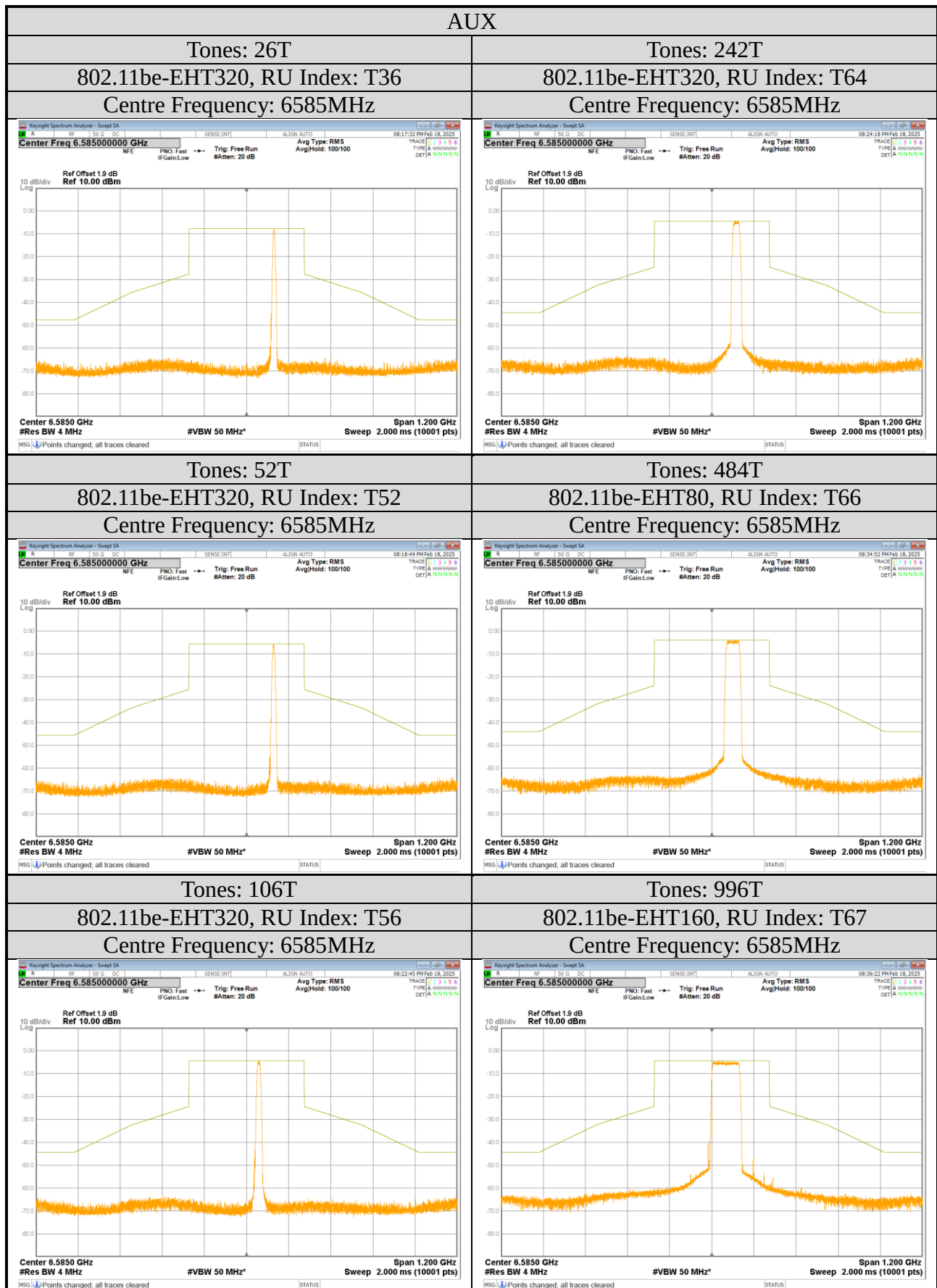
File Number: C1M2501174

Report Number: EM-F250107

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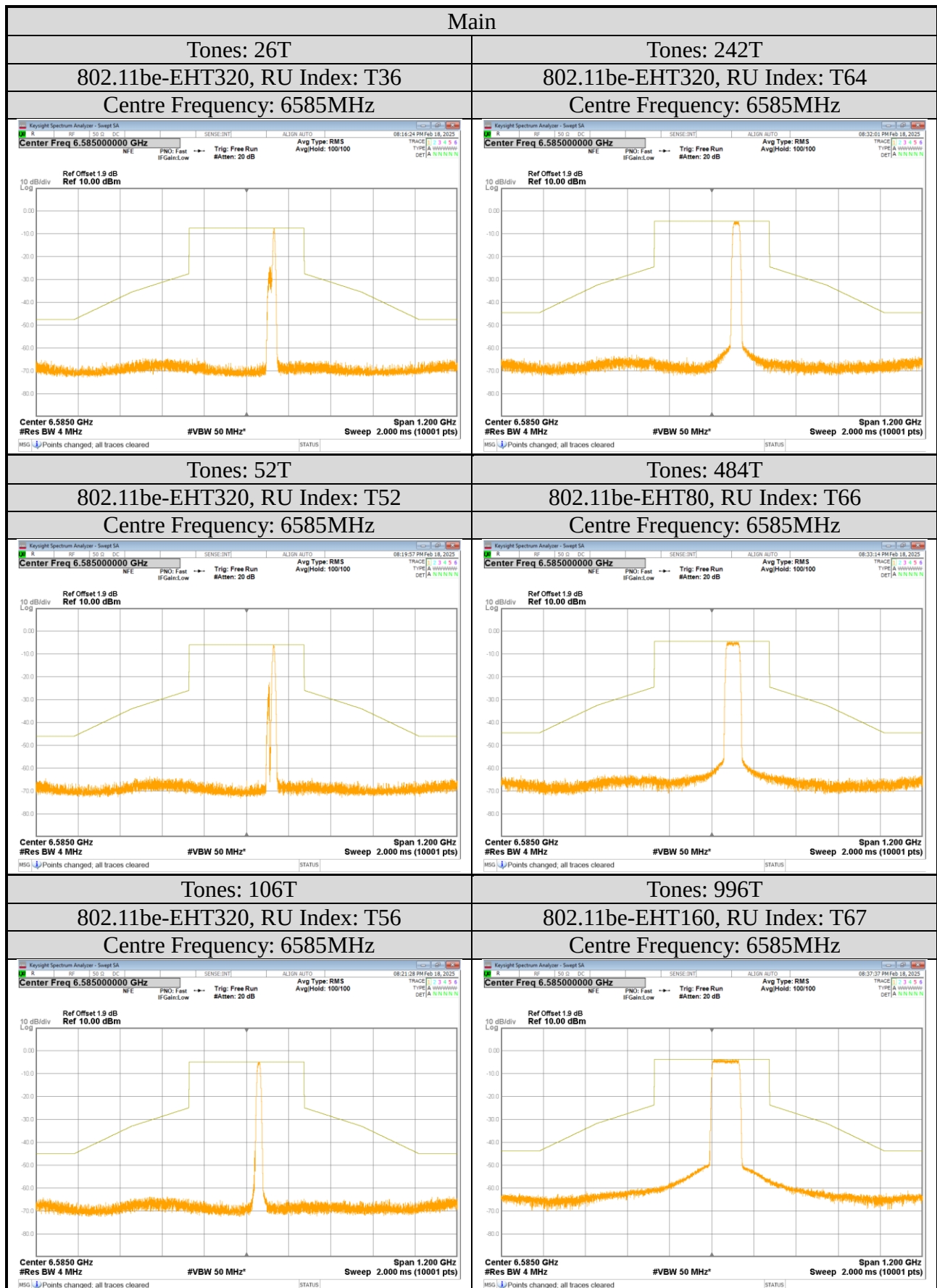
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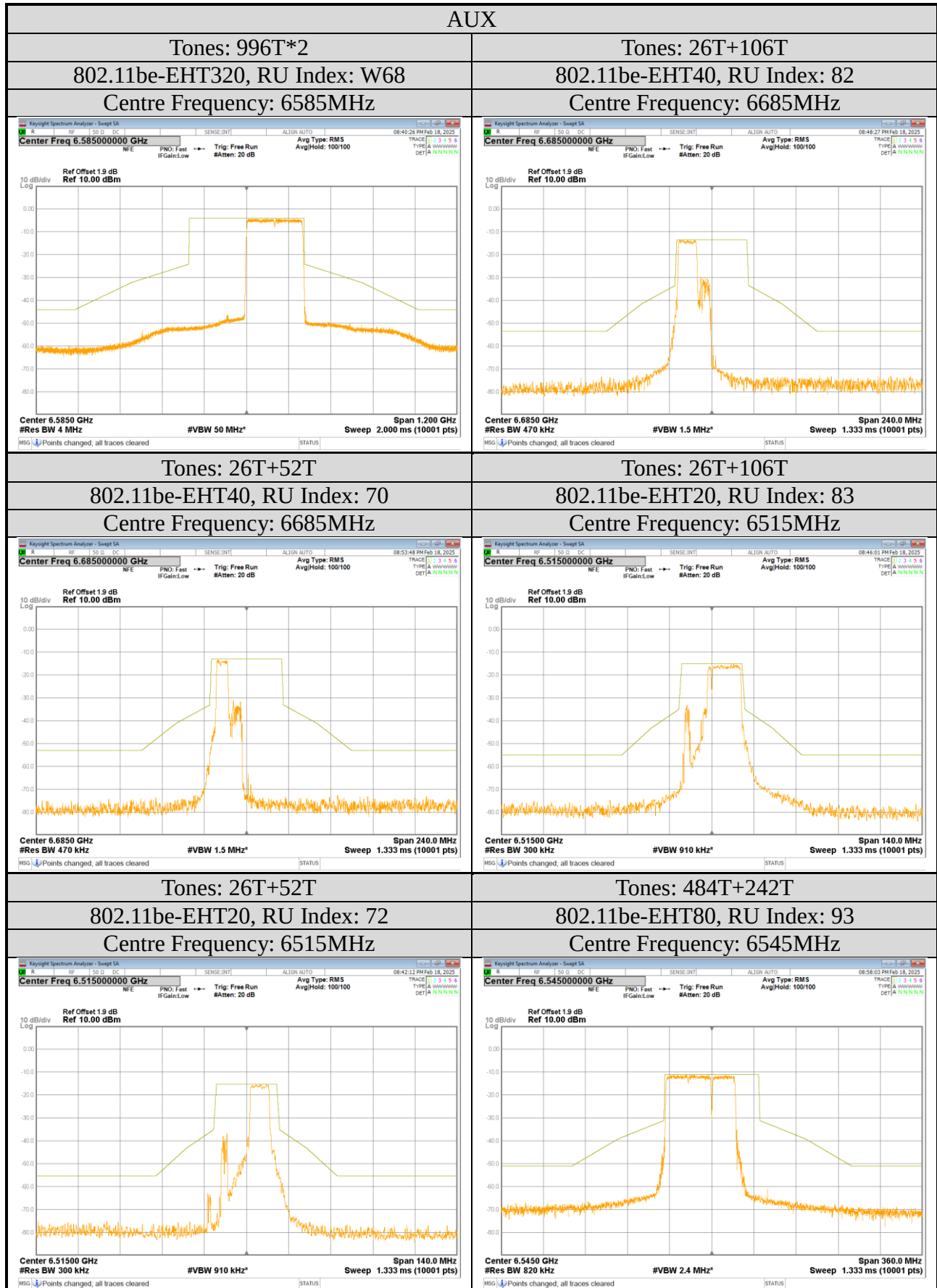
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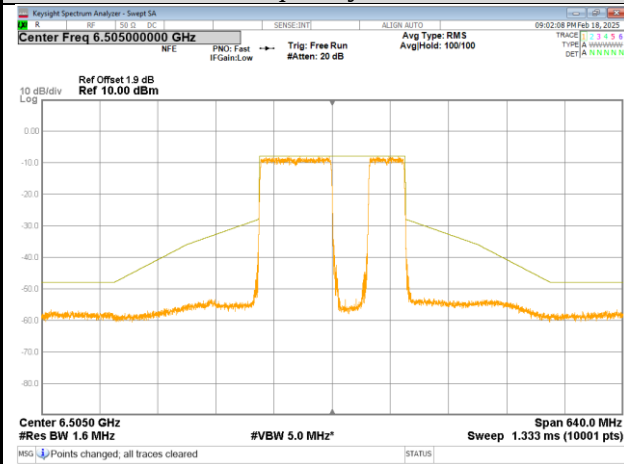


AUX

Tones: 996T+484T

802.11be-EHT160, RU Index: 94

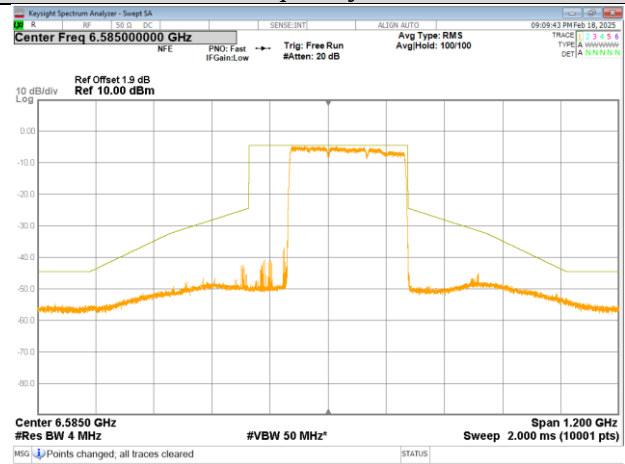
Centre Frequency: 6505MHz



Tones: 996T*3

802.11be-EHT320, RU Index: 104

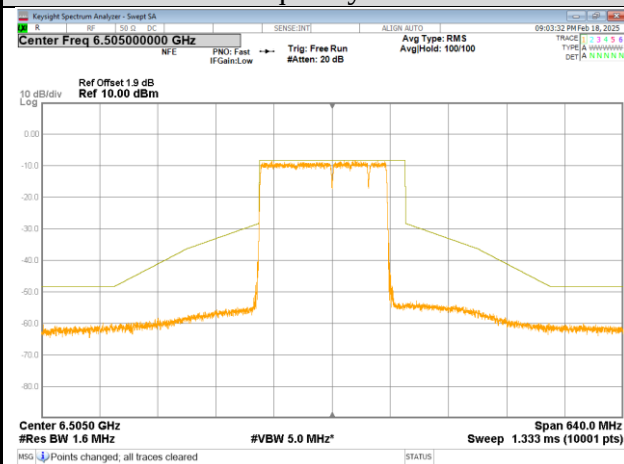
Centre Frequency: 6585MHz



Tones: 996T+484T+242T

802.11be-EHT160, RU Index: S99

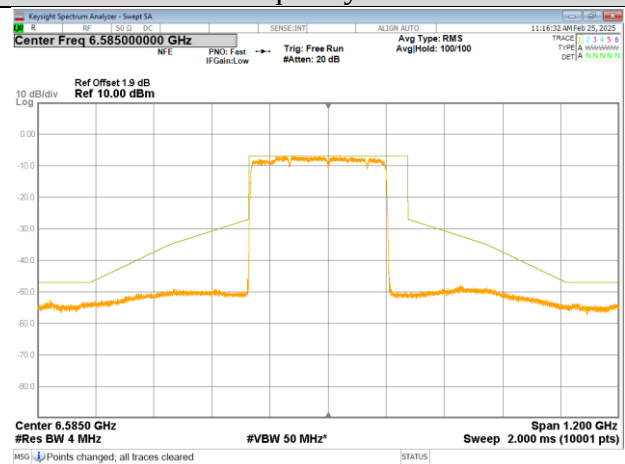
Centre Frequency: 6505MHz



Tones: 996T*3+484T

802.11be-EHT320, RU Index: W106

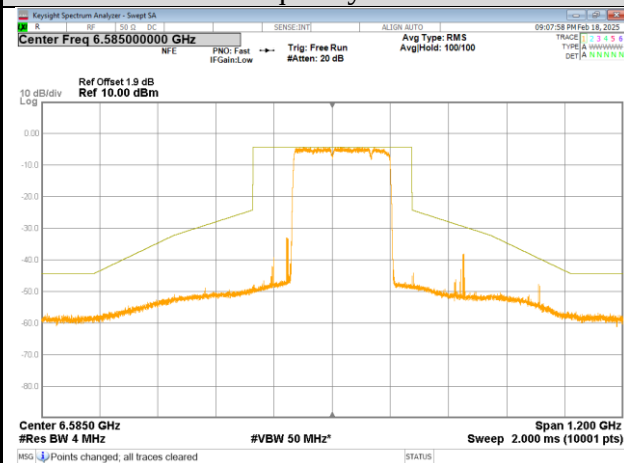
Centre Frequency: 6585MHz



Tones: 996T*2+484T

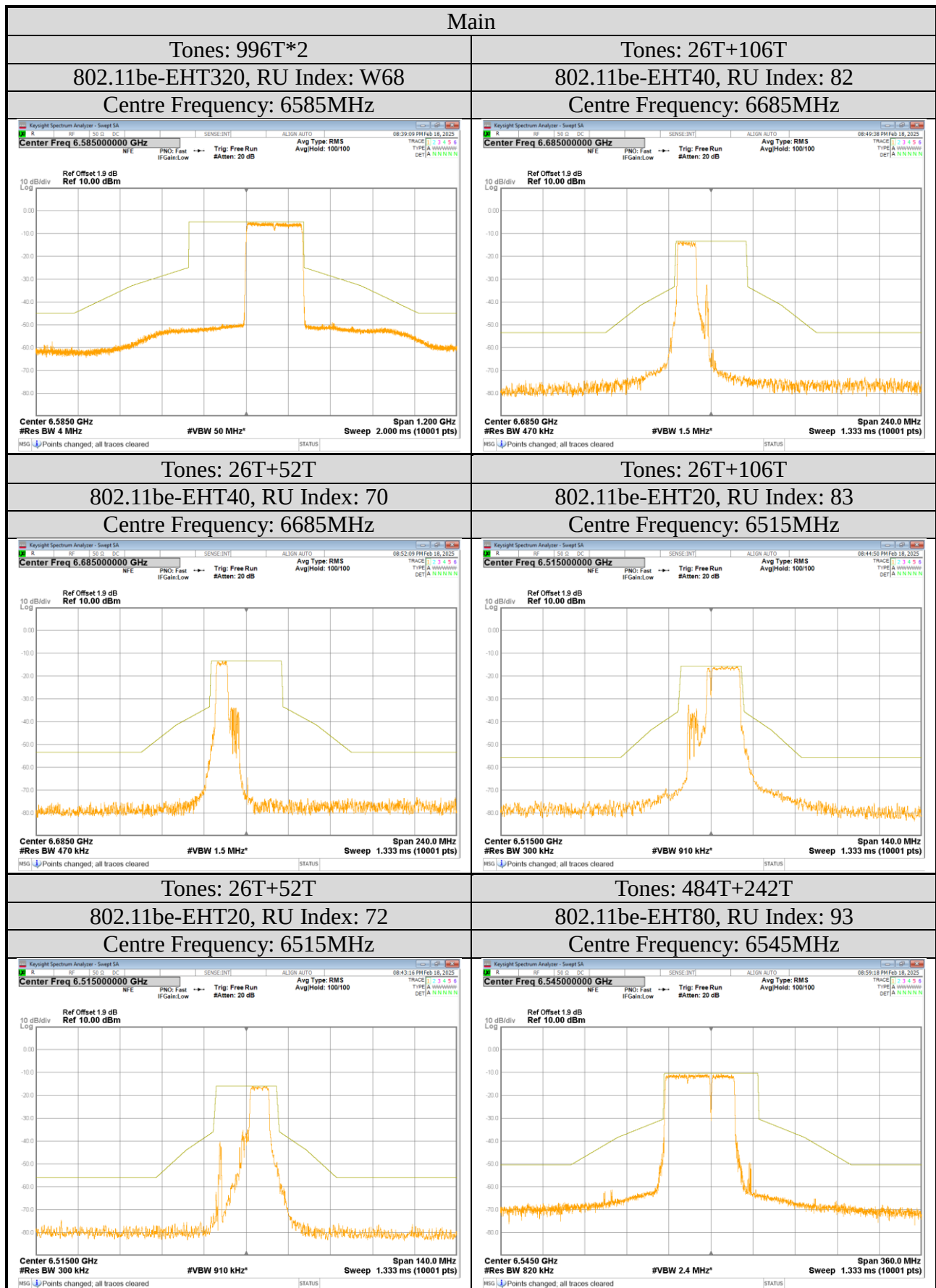
802.11be-EHT320, RU Index: W103

Centre Frequency: 6585MHz



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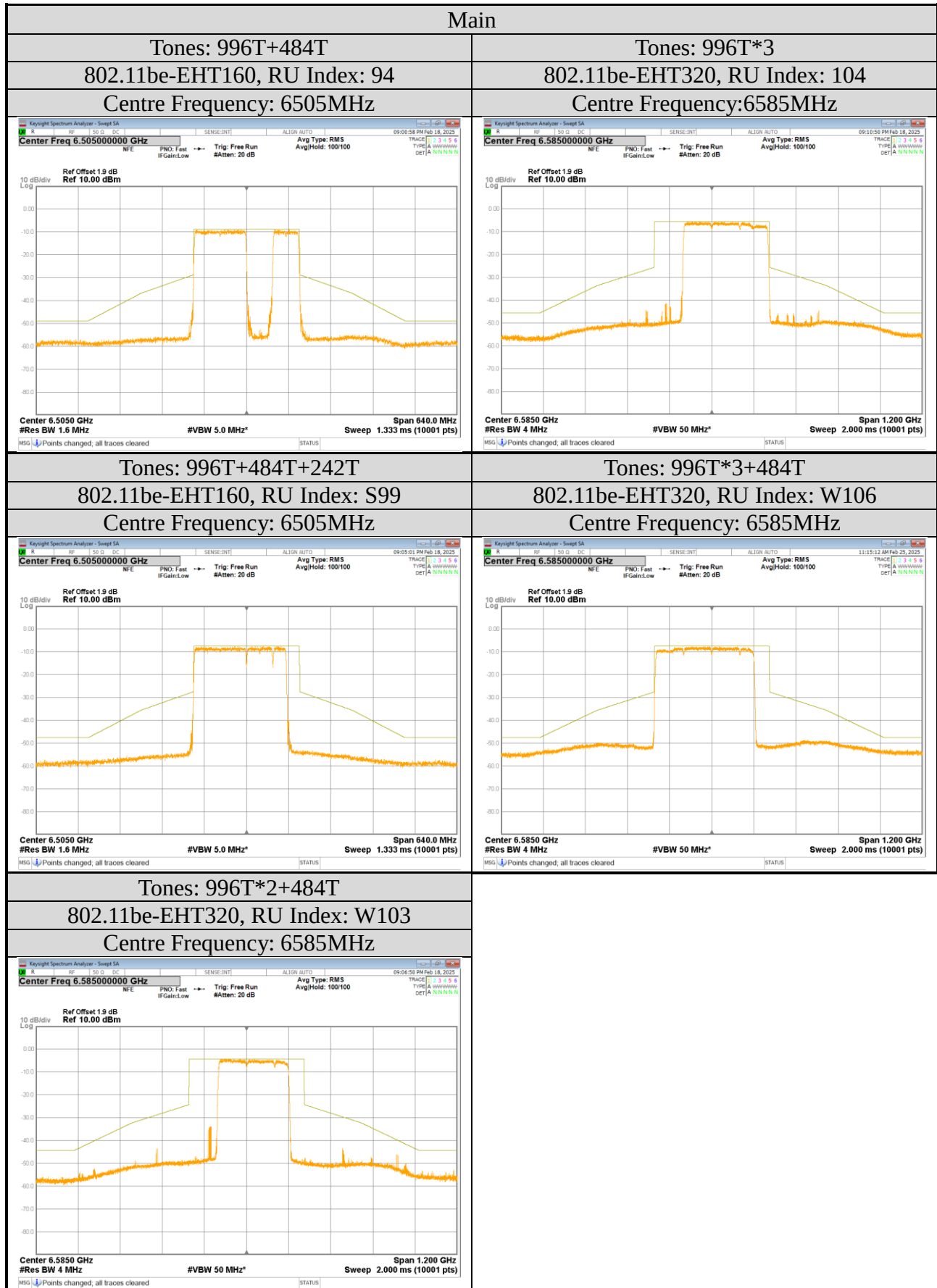
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New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303



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New Taipei City244, Taiwan

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Fax: +886 2 26099303

A.8 CONTENTION BASED PROTOCOL

Test Date	2025/02/11 ~ 13	Temp./Hum.	20 ~ 21℃/58 ~ 62%
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	-79.94	0.60	-80.54	-62	OFF
			6135	-83.94	0.60	-84.54	-62	Minimum
			6135	-85.94	0.60	-86.54	-62	ON
	6	6455	6455	-78.79	0.60	-79.39	-62	OFF
			6455	-83.79	0.60	-84.39	-62	Minimum
			6455	-85.79	0.60	-86.39	-62	ON
	7	6695	6695	-77.53	0.60	-78.13	-62	OFF
			6695	-82.53	0.60	-83.13	-62	Minimum
			6695	-83.53	0.60	-84.13	-62	ON
	8	7015	7015	-81.41	0.60	-82.01	-62	OFF
			7015	-86.41	0.60	-87.01	-62	Minimum
			7015	-88.41	0.60	-89.01	-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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No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

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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	5950	-74.78	0.60	-75.38	-62	OFF
			5950	-83.78	0.60	-84.38	-62	Minimum
			5950	-85.78	0.60	-86.38	-62	ON
			6105	-76.67	0.60	-77.27	-62	OFF
			6105	-83.67	0.60	-84.27	-62	Minimum
			6105	-84.67	0.60	-85.27	-62	ON
			6260	-78.82	0.60	-79.42	-62	OFF
			6260	-83.82	0.60	-84.42	-62	Minimum
			6260	-85.82	0.60	-86.42	-62	ON
	5/6/7	6425	6270	-78.70	0.60	-79.30	-62	OFF
			6270	-81.70	0.60	-82.30	-62	Minimum
			6270	-83.70	0.60	-84.30	-62	ON
			6425	-74.94	0.60	-75.54	-62	OFF
			6425	-81.94	0.60	-82.54	-62	Minimum
			6425	-83.94	0.60	-84.54	-62	ON
			6580	-79.48	0.60	-80.08	-62	OFF
			6580	-82.48	0.60	-83.08	-62	Minimum
			6580	-83.48	0.60	-84.08	-62	ON
	7/8	6745	6590	-79.15	0.60	-79.75	-62	OFF
			6590	-83.15	0.60	-83.75	-62	Minimum
			6590	-84.15	0.60	-84.75	-62	ON
			6745	-76.09	0.60	-76.69	-62	OFF
			6745	-83.09	0.60	-83.69	-62	Minimum
			6745	-84.09	0.60	-84.69	-62	ON
			6900	-76.75	0.60	-77.35	-62	OFF
			6900	-81.75	0.60	-82.35	-62	Minimum
			6900	-83.75	0.60	-84.35	-62	ON
	7/8	6905	6750	-77.90	0.60	-78.50	-62	OFF
			6750	-81.90	0.60	-82.50	-62	Minimum
			6750	-83.90	0.60	-84.50	-62	ON
			6905	-76.99	0.60	-77.59	-62	OFF
			6905	-80.99	0.60	-81.59	-62	Minimum
			6905	-82.99	0.60	-83.59	-62	ON
			7060	-78.93	0.60	-79.53	-62	OFF
			7060	-81.93	0.60	-82.53	-62	Minimum
			7060	-83.93	0.60	-84.53	-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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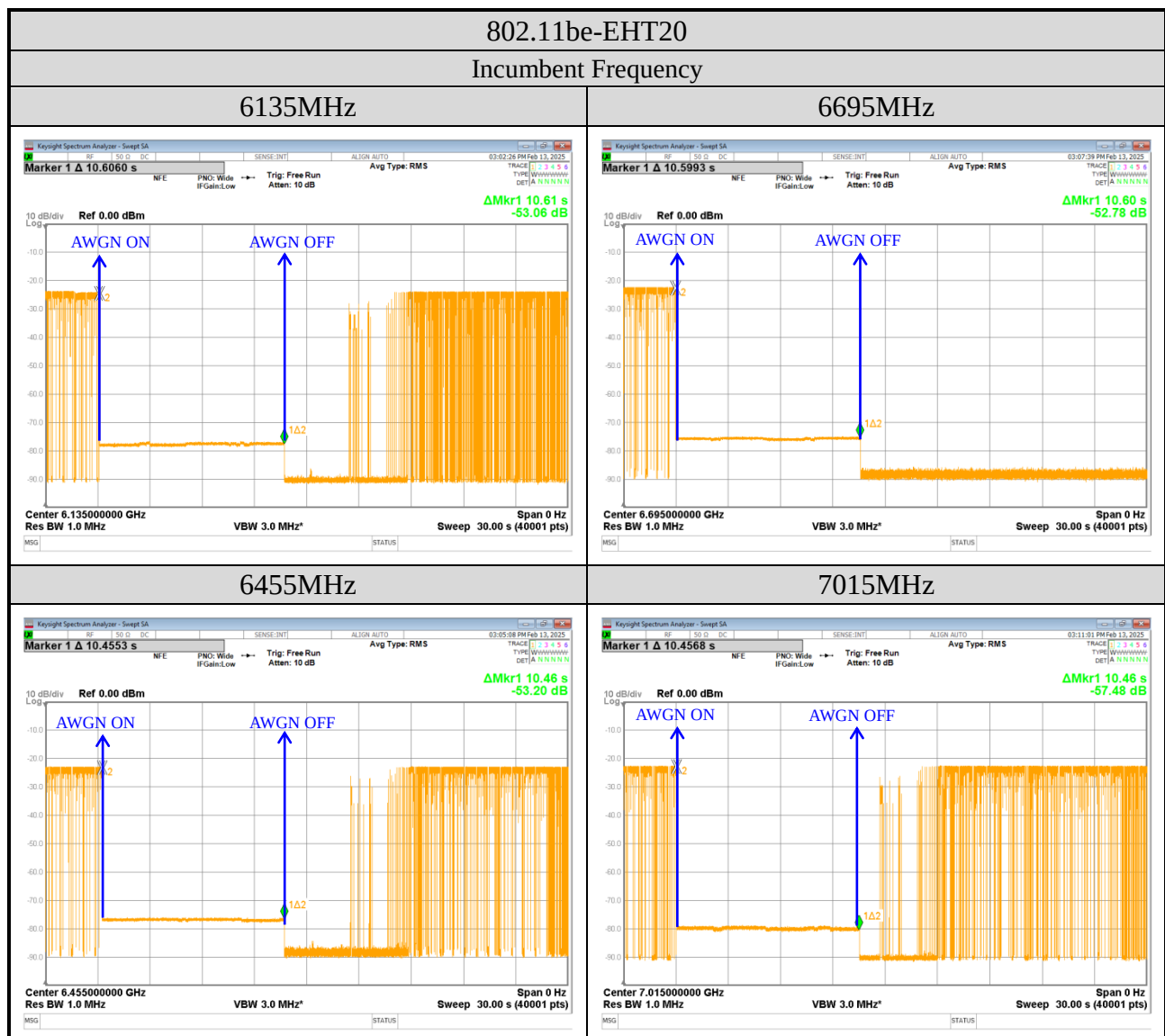
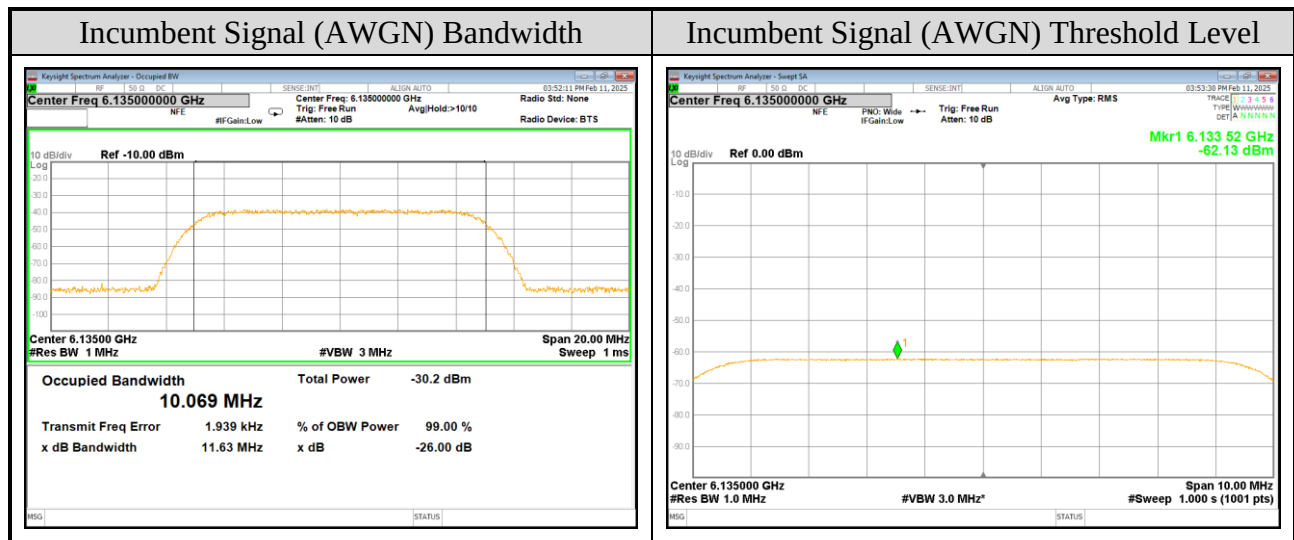
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● Summary table

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	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	6425	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

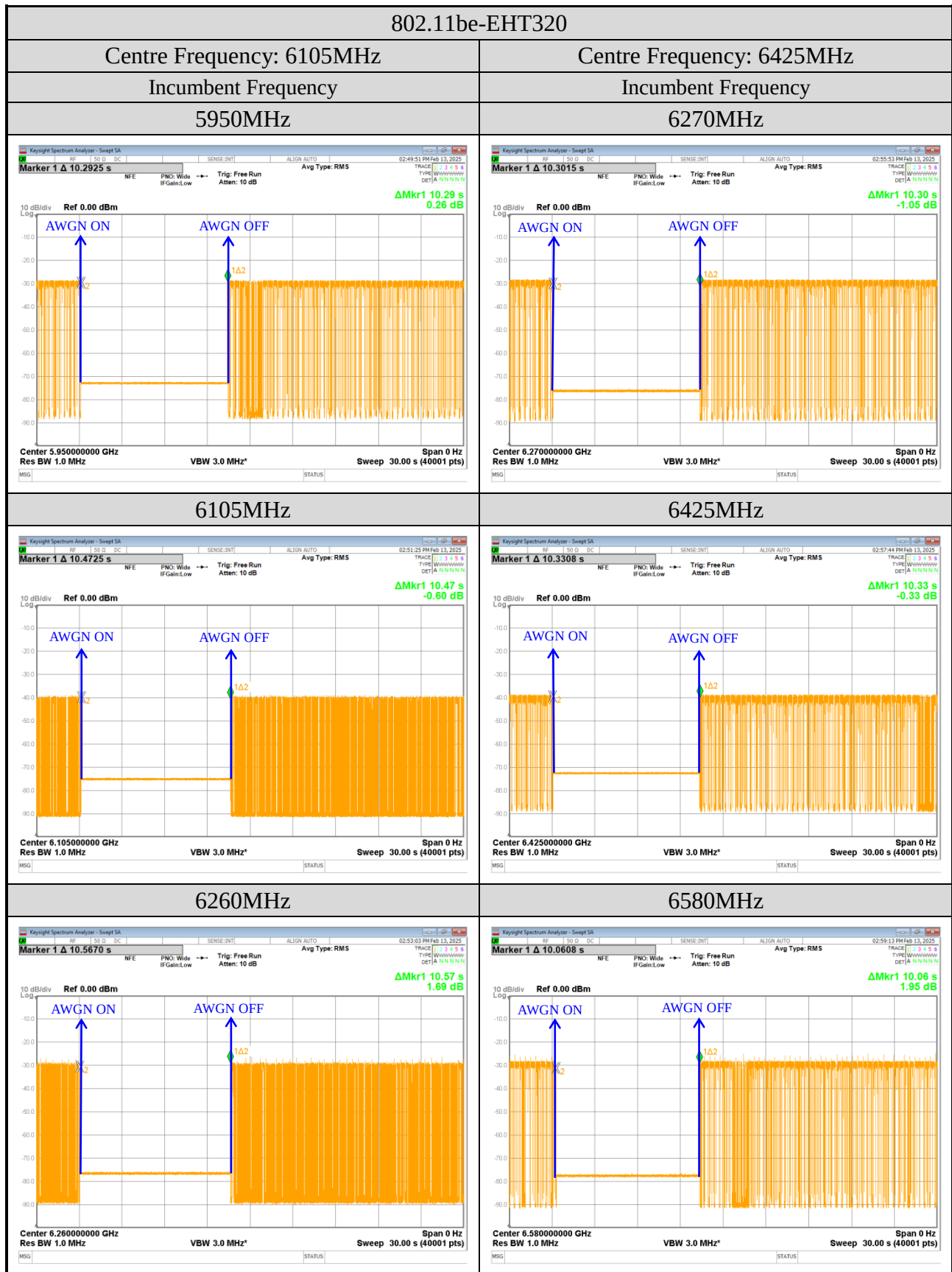
Note: CBP Detection Trials (1= Detection, 0= No Detection)

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



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

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

