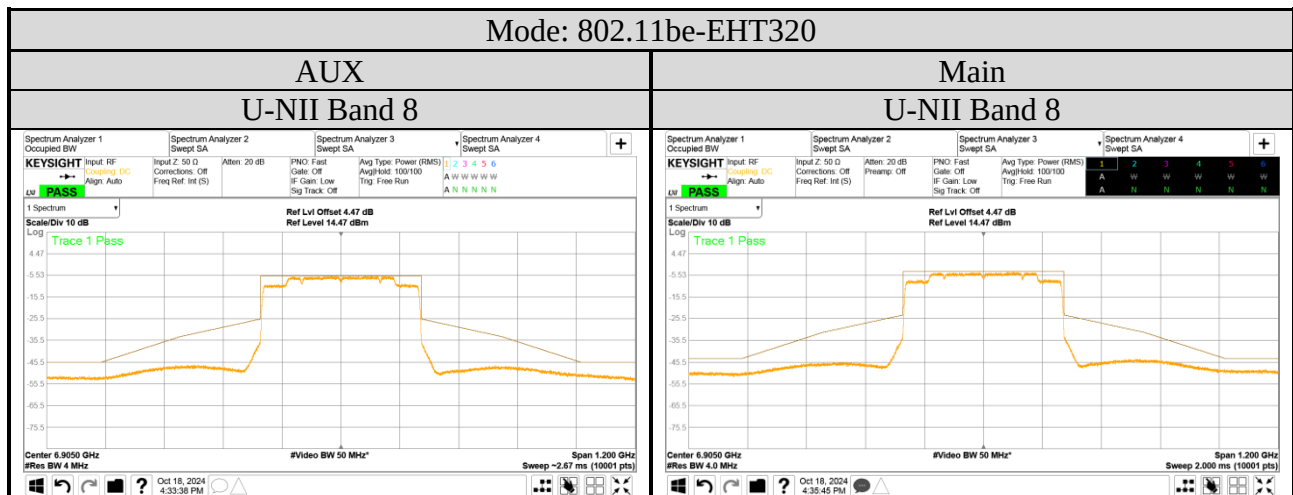
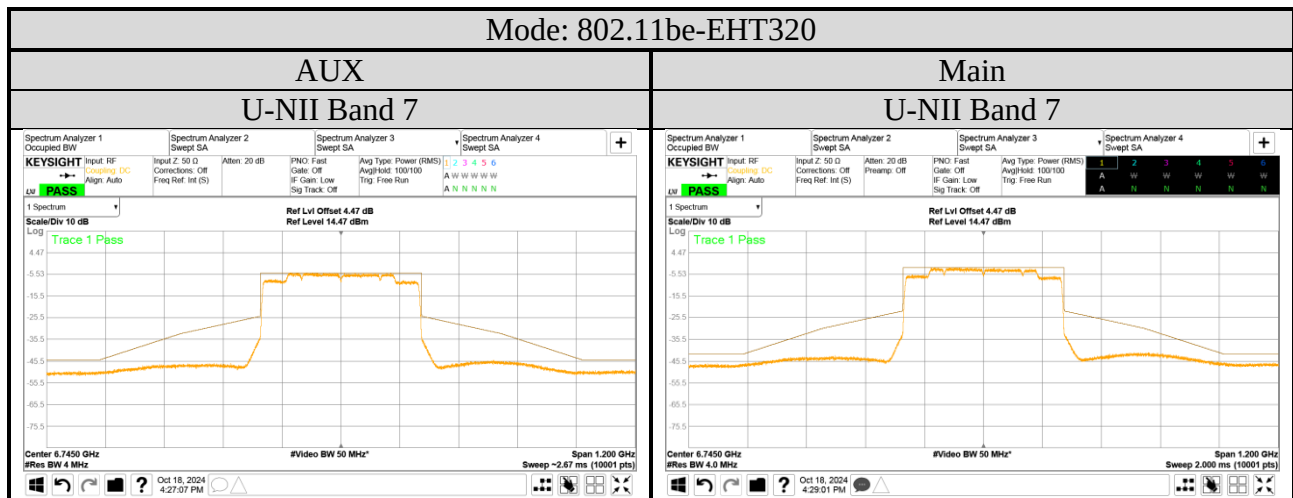


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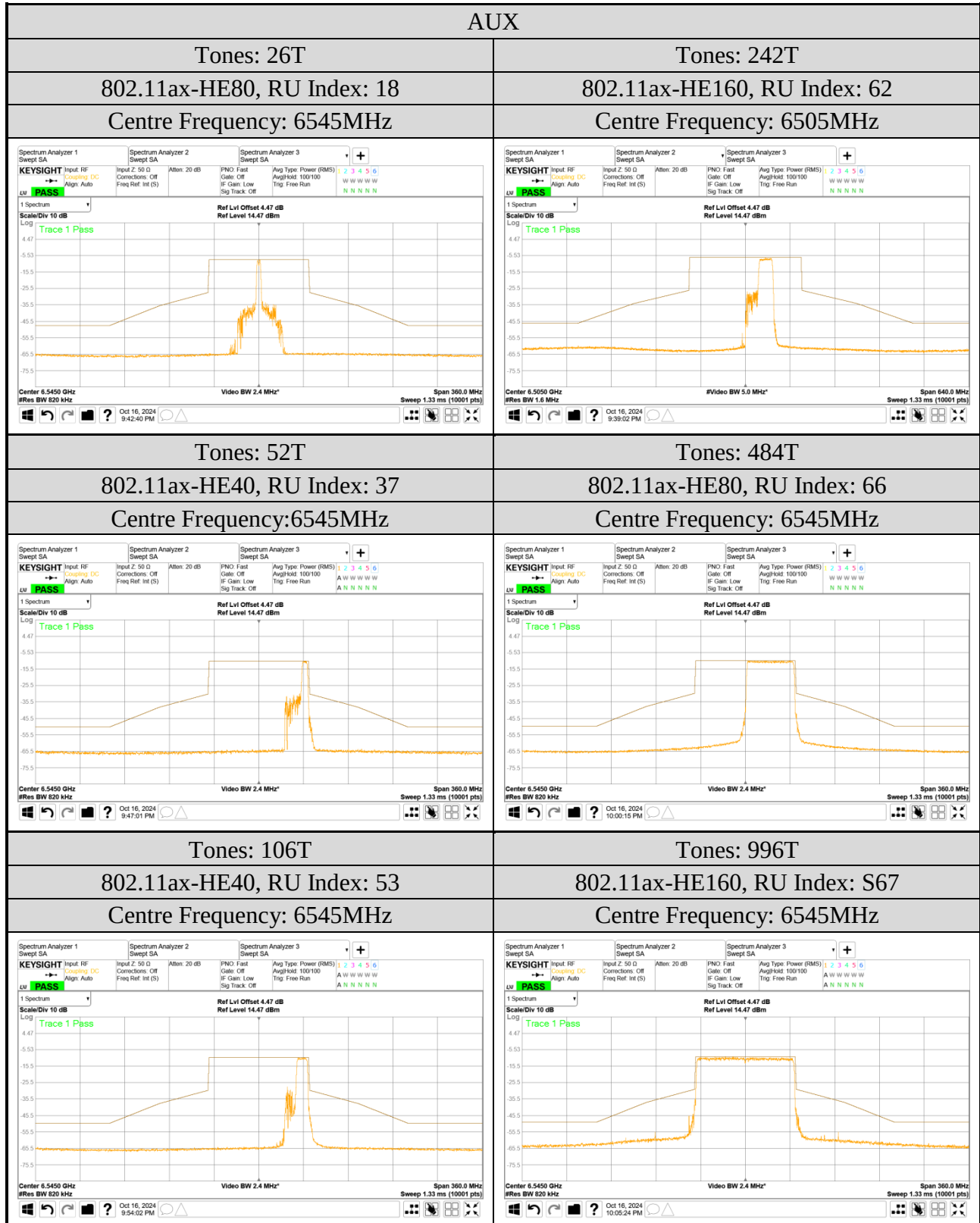
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● OFDMA Modulation



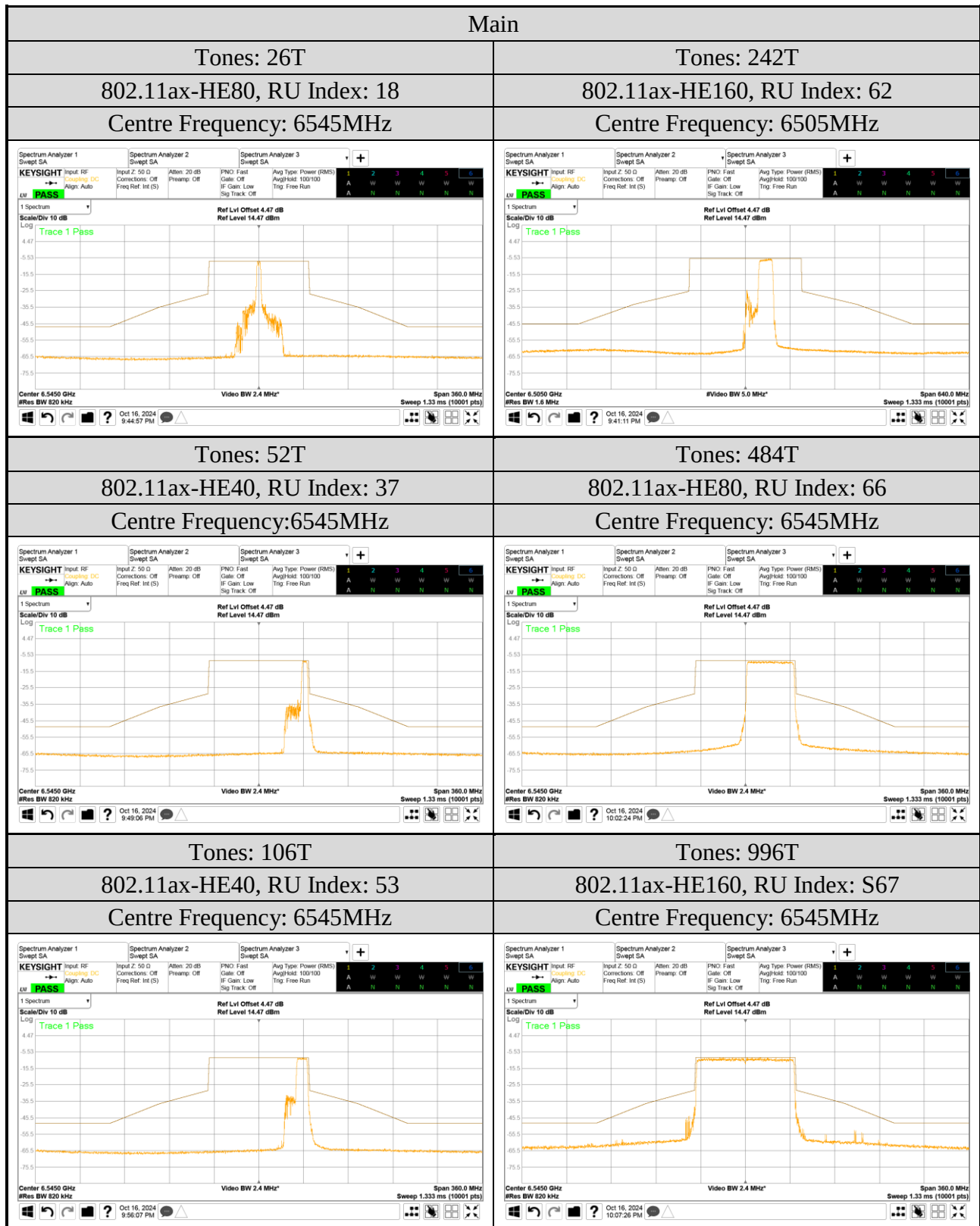
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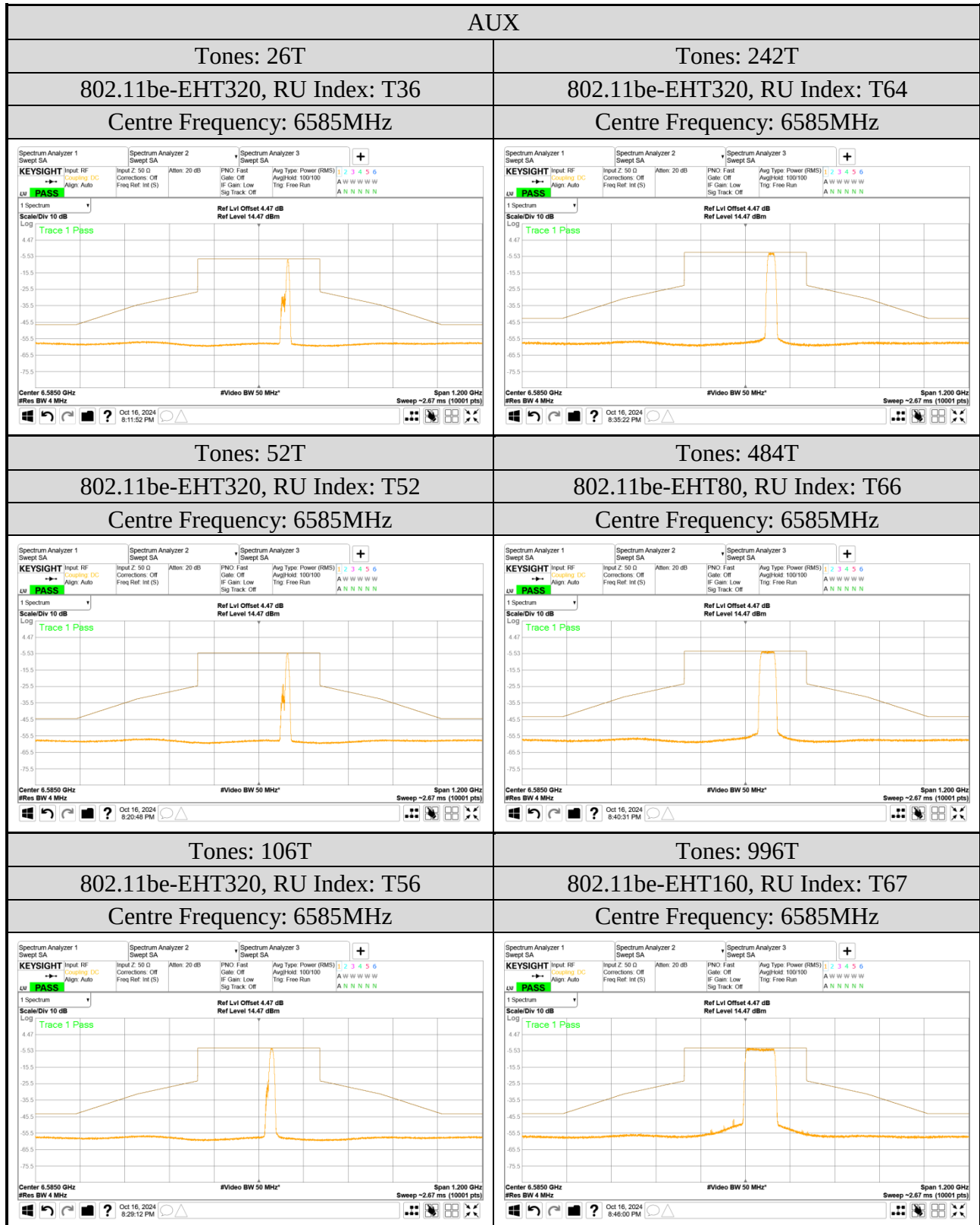
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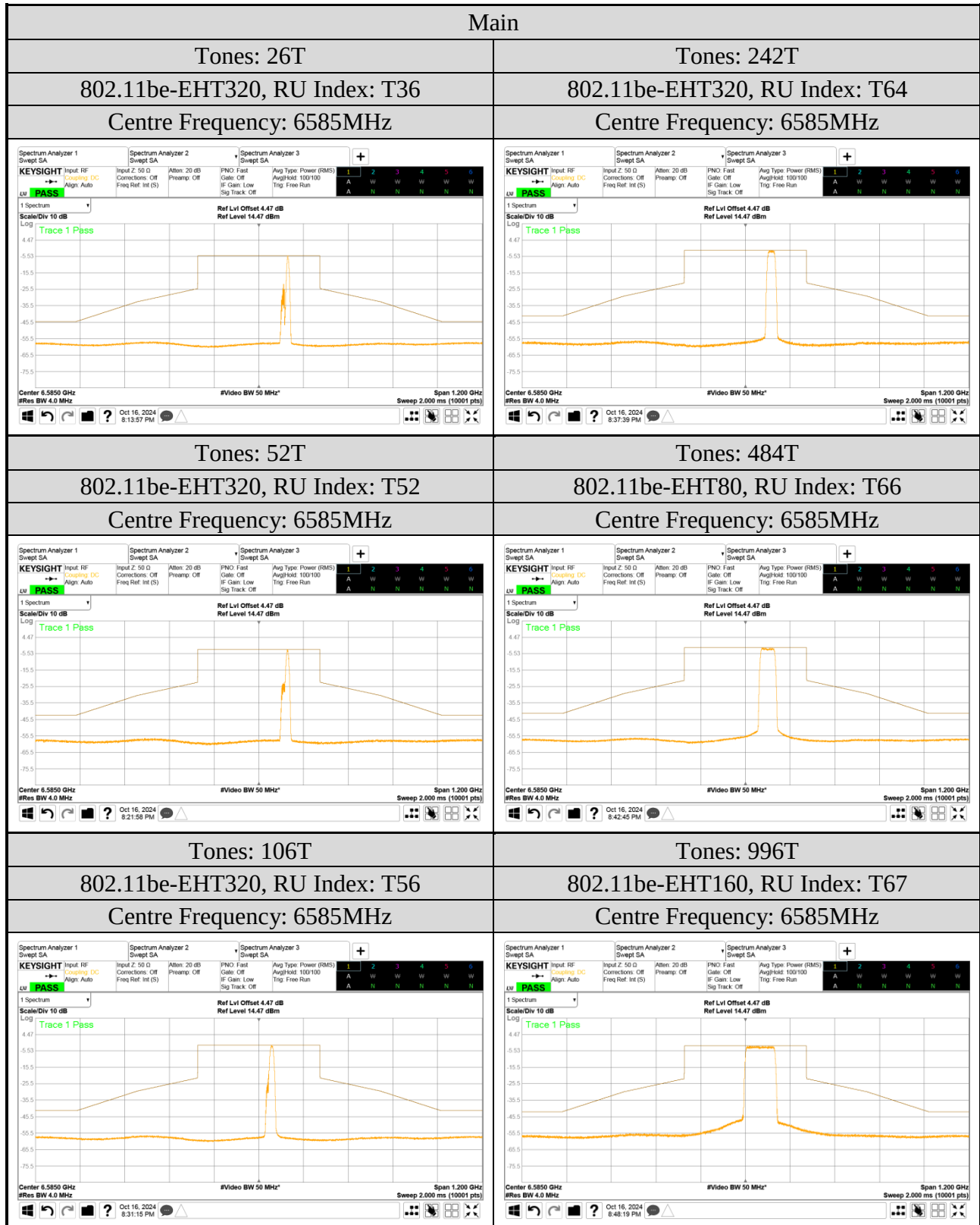
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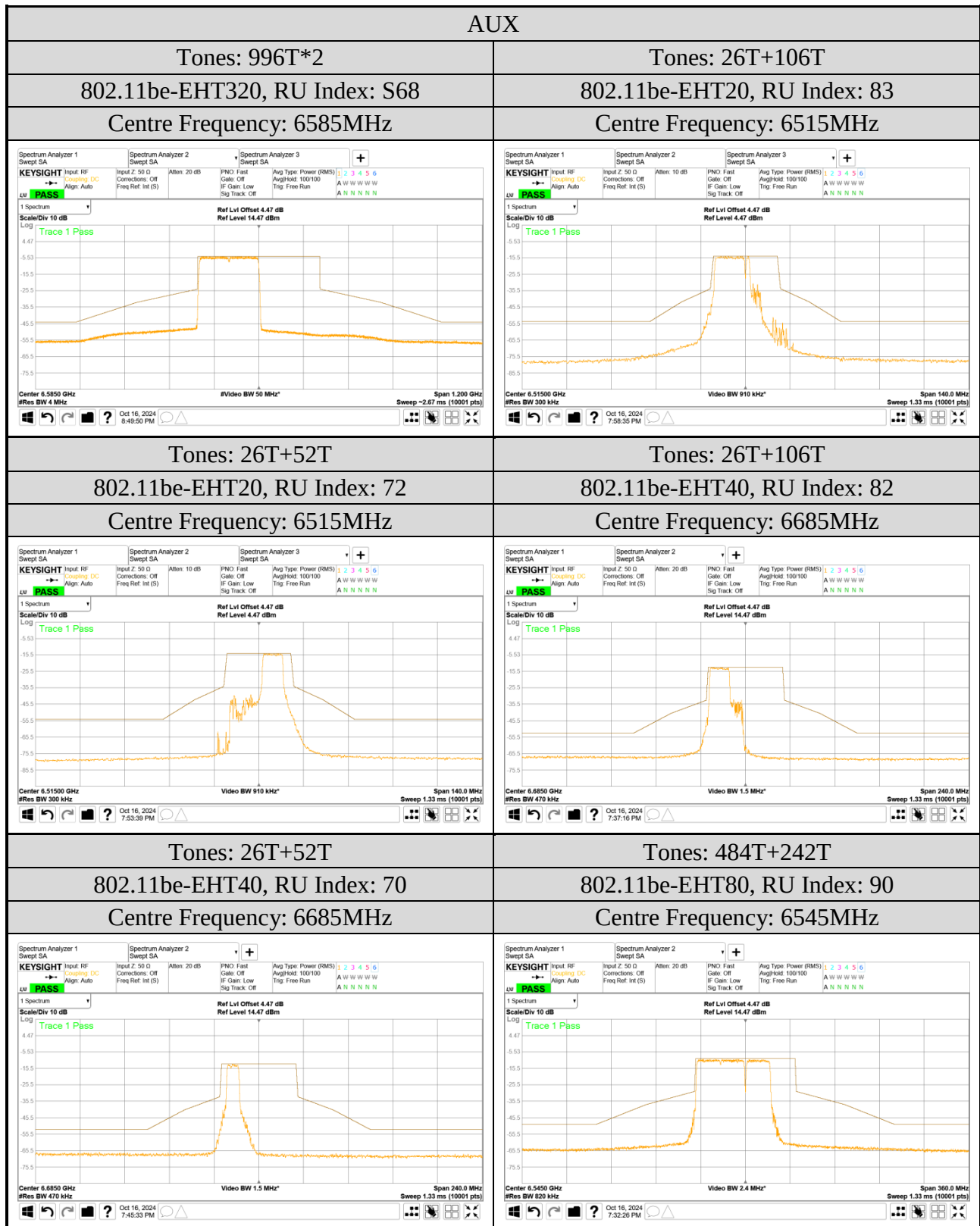
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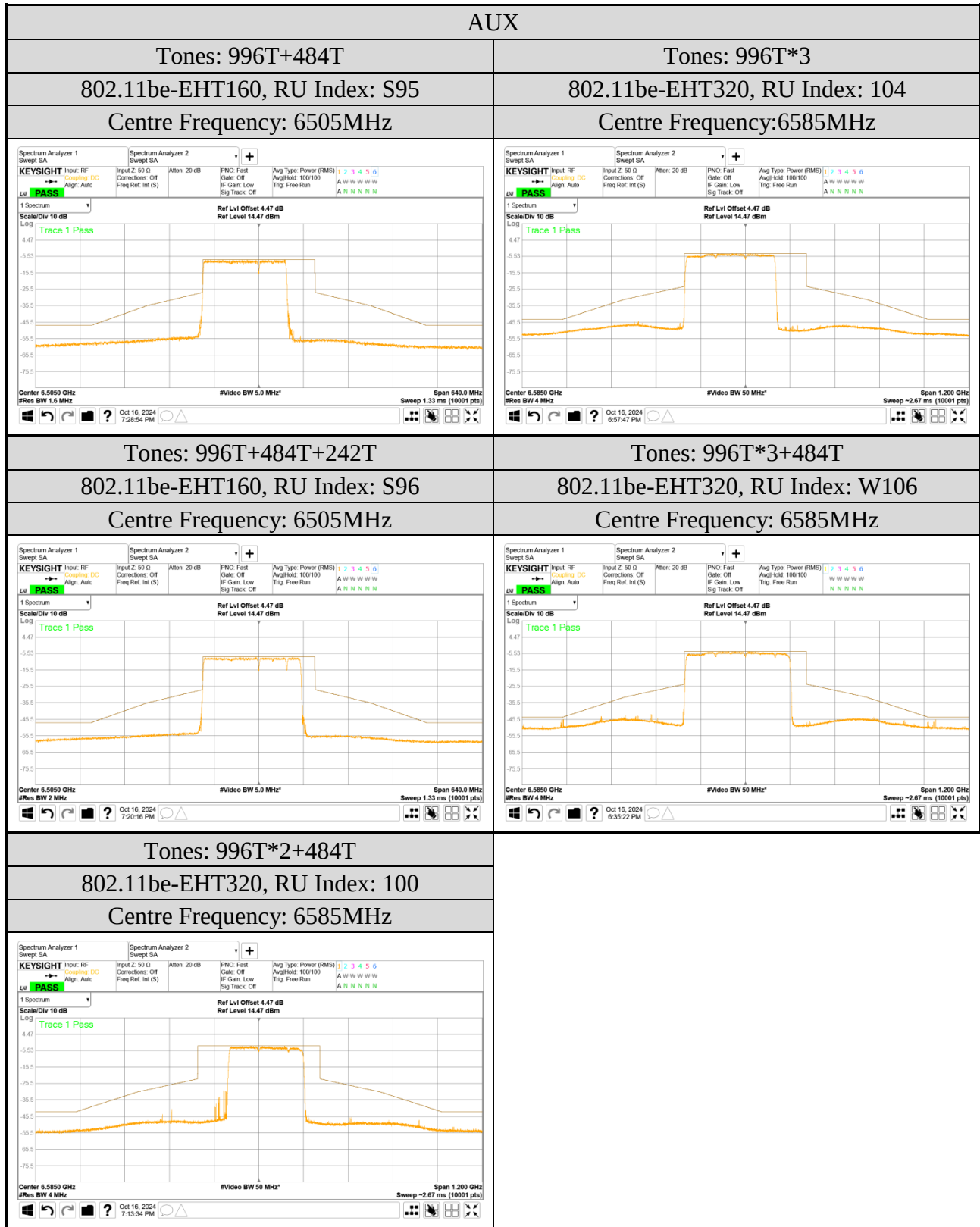
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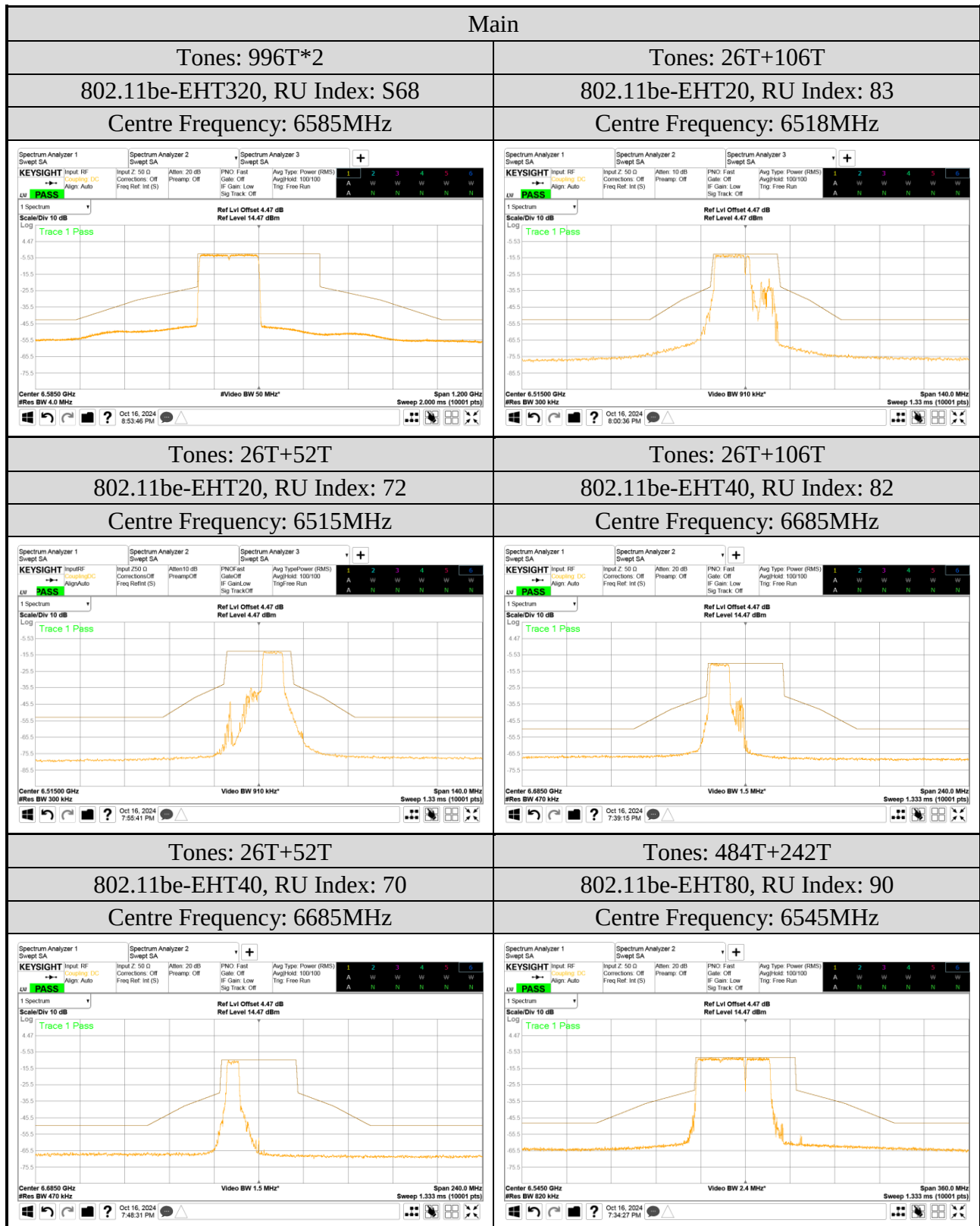
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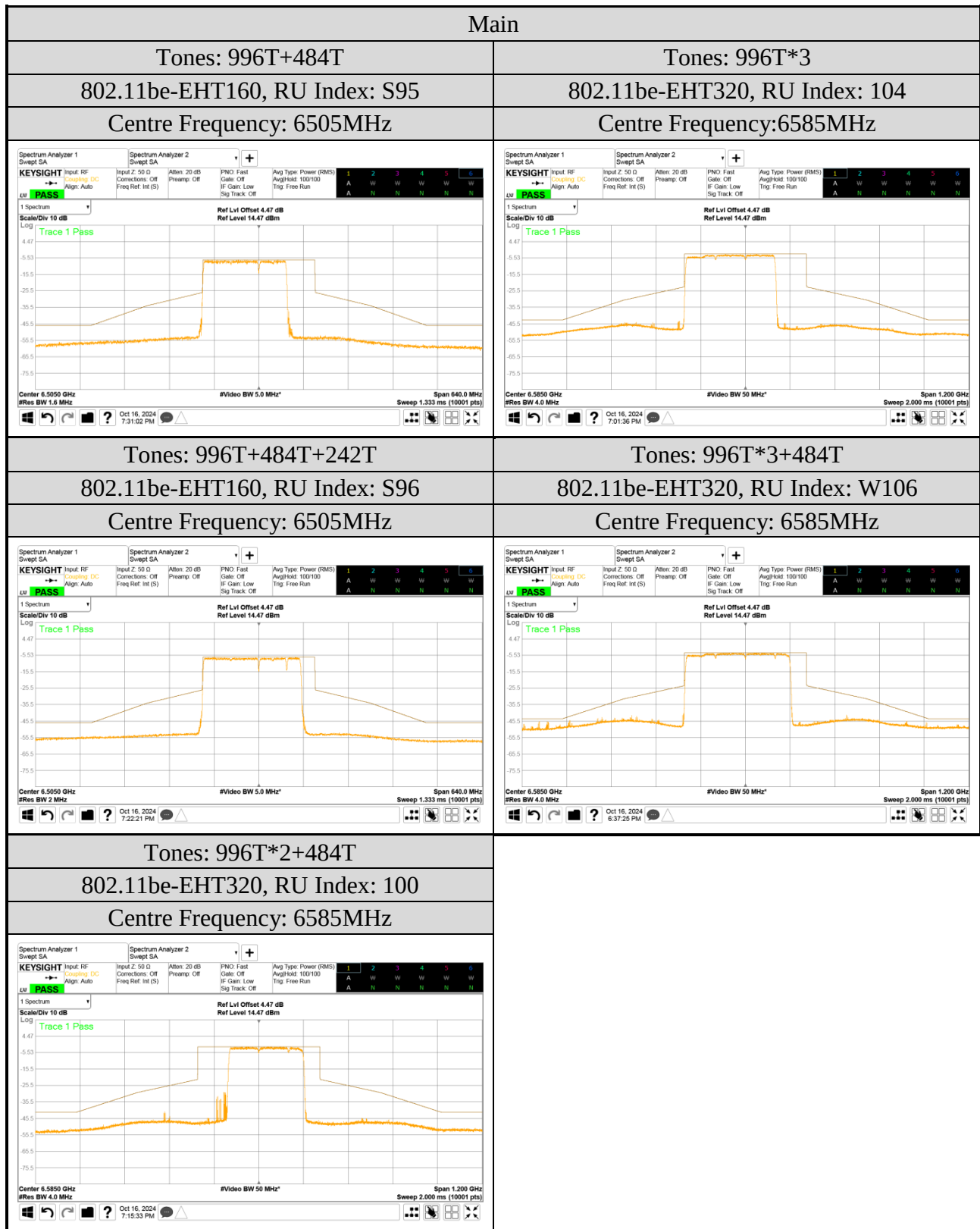
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A.8 CONTENTION BASED PROTOCOL

Test Date	2024/10/02 ~ 05	Temp./Hum.	24 ~ 26°C/58 ~ 61%
Cable Loss	N/A	Tested By	Sean Wang
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	-74.04	0.60	-74.64	-62	OFF
			6135	-81.04	0.60	-81.64	-62	Minimum
			6135	-83.04	0.60	-83.64	-62	ON
	6	6455	6455	-74.09	2.40	-76.49	-62	OFF
			6455	-80.09	2.40	-82.49	-62	Minimum
			6455	-82.09	2.40	-84.49	-62	ON
	7	6695	6695	-73.67	1.60	-75.27	-62	OFF
			6695	-79.67	1.60	-81.27	-62	Minimum
			6695	-81.67	1.60	-83.27	-62	ON
	8	7015	7015	-74.59	1.40	-75.99	-62	OFF
			7015	-81.59	1.40	-82.99	-62	Minimum
			7015	-83.59	1.40	-84.99	-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	-79.88	0.60	-80.48	-62	OFF
			5950	-81.88	0.60	-82.48	-62	Minimum
			5950	-82.88	0.60	-83.48	-62	ON
			6105	-75.79	0.60	-76.39	-62	OFF
			6105	-81.79	0.60	-82.39	-62	Minimum
			6105	-83.79	0.60	-84.39	-62	ON
			6260	-81.79	0.60	-82.39	-62	OFF
			6260	-83.79	0.60	-84.39	-62	Minimum
	5/6/7	6585	6260	-84.79	0.60	-85.39	-62	ON
			6430	-78.01	2.40	-80.41	-62	OFF
			6430	-82.01	2.40	-84.41	-62	Minimum
			6430	-83.01	2.40	-85.41	-62	ON
			6585	-75.23	2.40	-77.63	-62	OFF
			6585	-80.23	2.40	-82.63	-62	Minimum
			6585	-82.23	2.40	-84.63	-62	ON
			6740	-76.76	2.40	-79.16	-62	OFF
	7/8	6745	6740	-79.76	2.40	-82.16	-62	Minimum
			6740	-81.76	2.40	-84.16	-62	ON
			6590	-77.35	1.60	-78.95	-62	OFF
			6590	-80.35	1.60	-81.95	-62	Minimum
			6590	-82.35	1.60	-83.95	-62	ON
			6745	-74.99	1.60	-76.59	-62	OFF
			6745	-78.99	1.60	-80.59	-62	Minimum
			6745	-80.99	1.60	-82.59	-62	ON
	7/8	6905	6900	-74.44	1.60	-76.04	-62	OFF
			6900	-77.44	1.60	-79.04	-62	Minimum
			6900	-79.44	1.60	-81.04	-62	ON
			6750	-76.26	1.40	-77.66	-62	OFF
			6750	-80.26	1.40	-81.66	-62	Minimum
			6750	-82.26	1.40	-83.66	-62	ON
			6905	-72.41	1.40	-73.81	-62	OFF
			6905	-77.41	1.40	-78.81	-62	Minimum
			6905	-79.41	1.40	-80.81	-62	ON
			7060	-75.05	1.40	-76.45	-62	OFF
			7060	-78.05	1.40	-79.45	-62	Minimum
			7060	-80.05	1.40	-81.45	-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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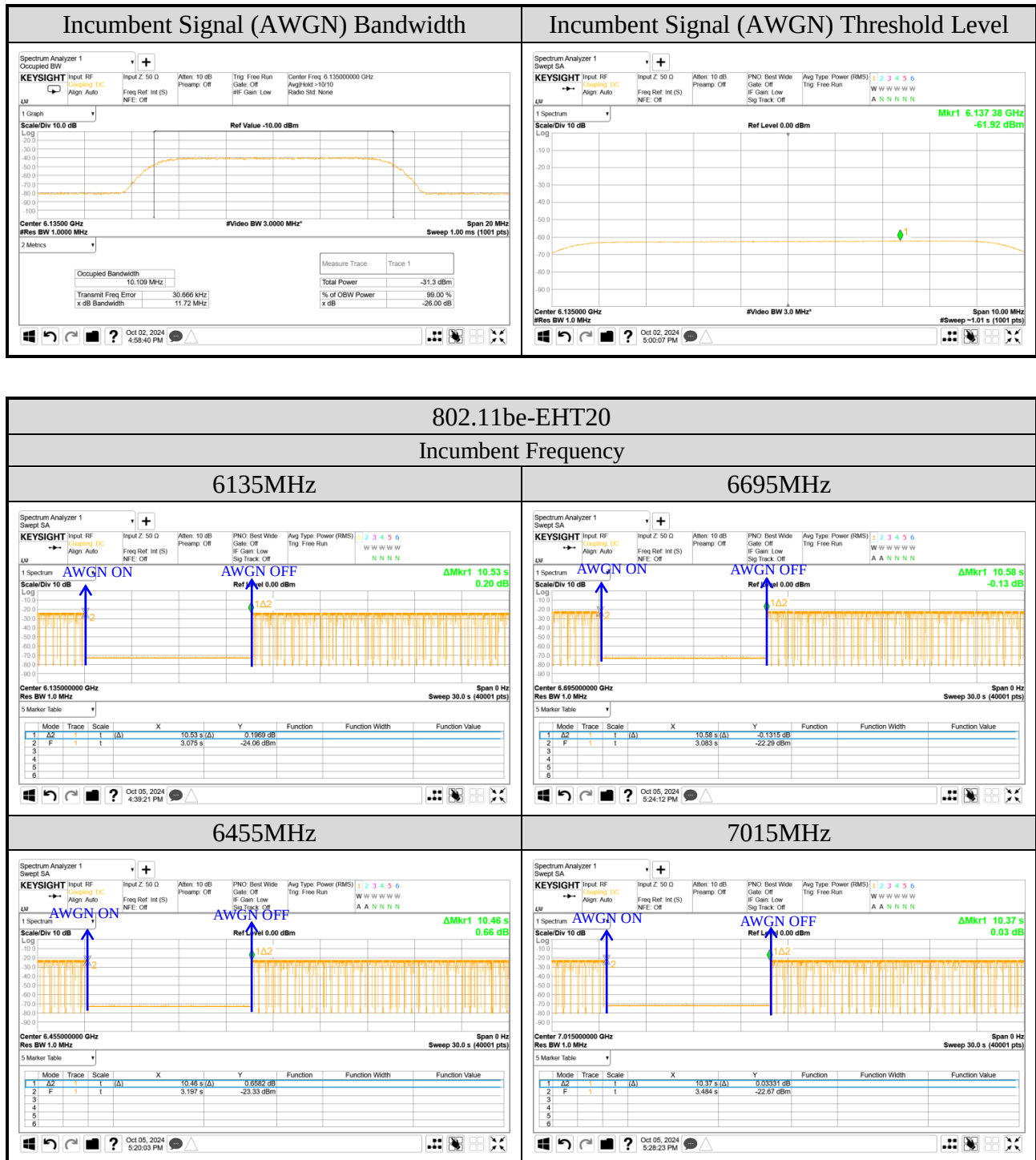
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● Summary table

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	6585	6430	1	1	1	1	1	1	1	1	1	1	100	90
			6585	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
	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

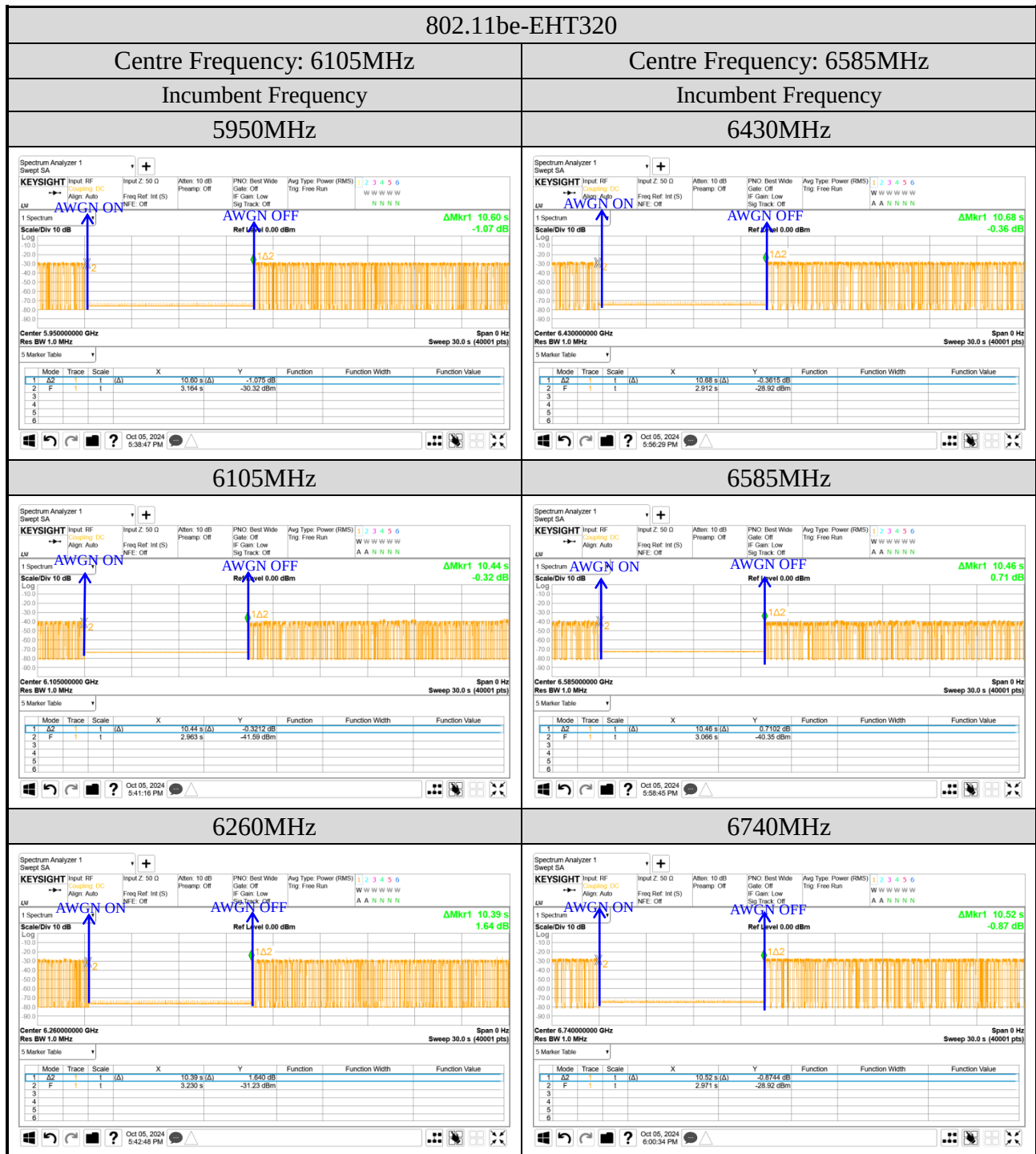
Note: CBP Detection Trials (1= Detection, 0= No Detection)

A.8.2 Measurement Plots



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