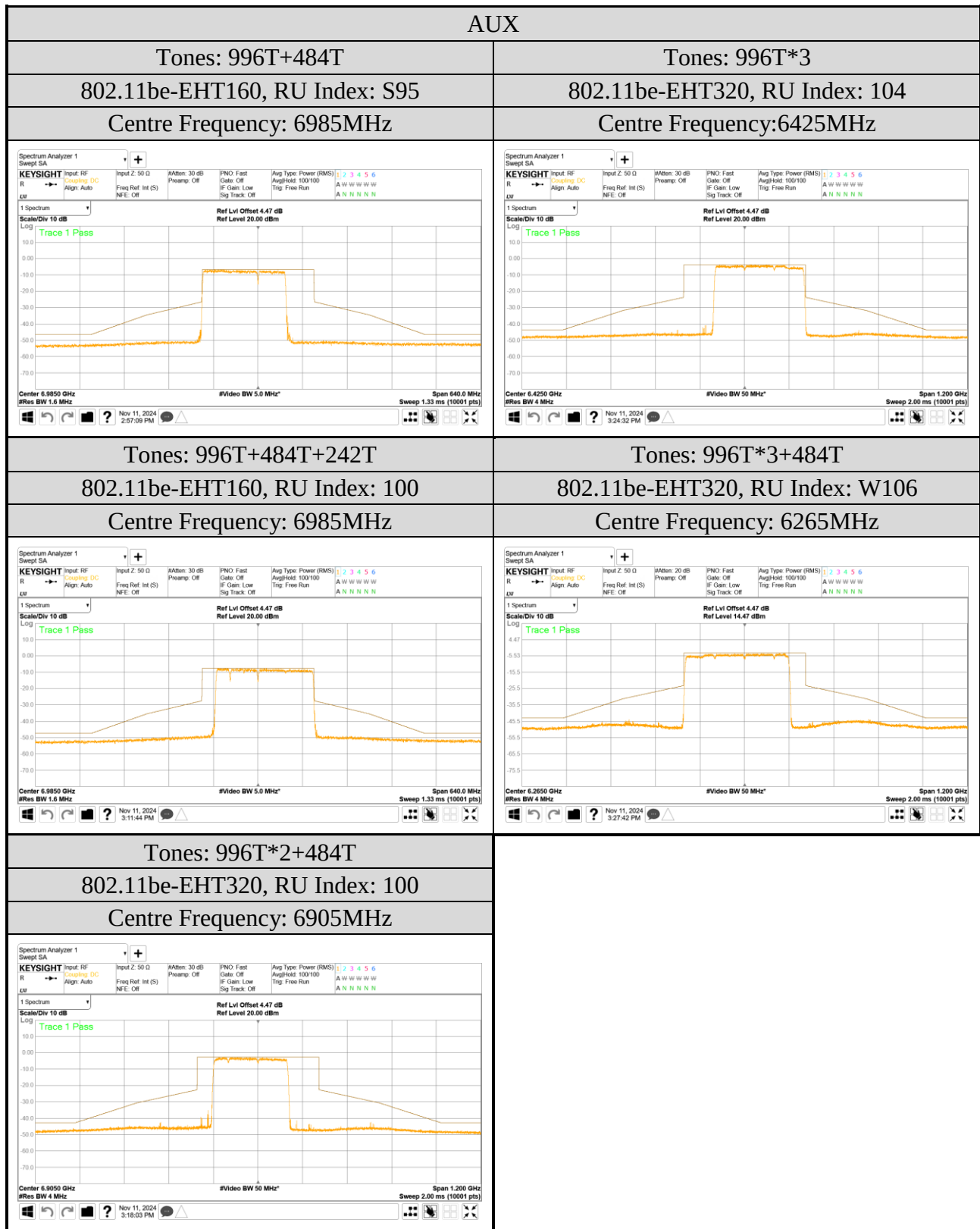
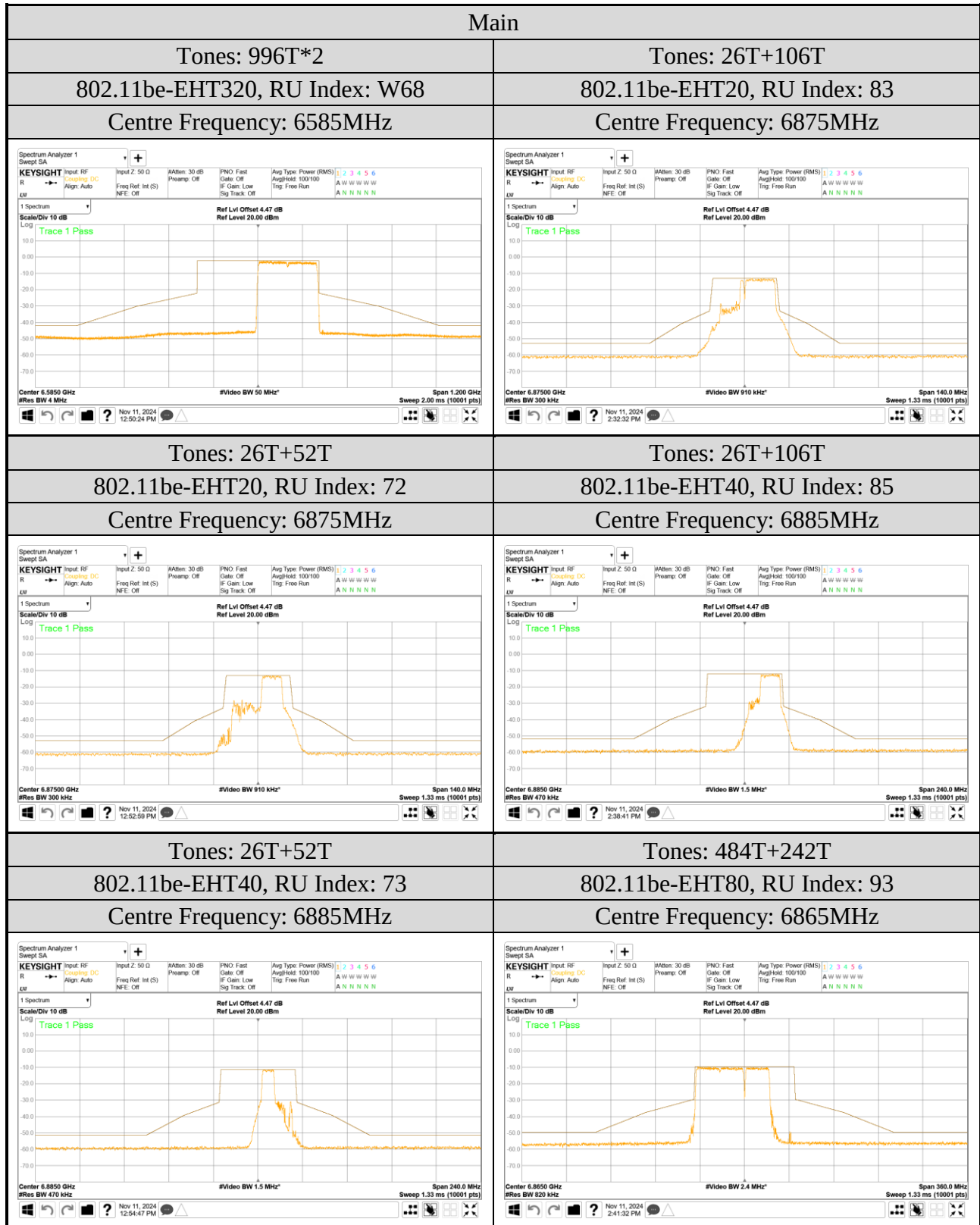
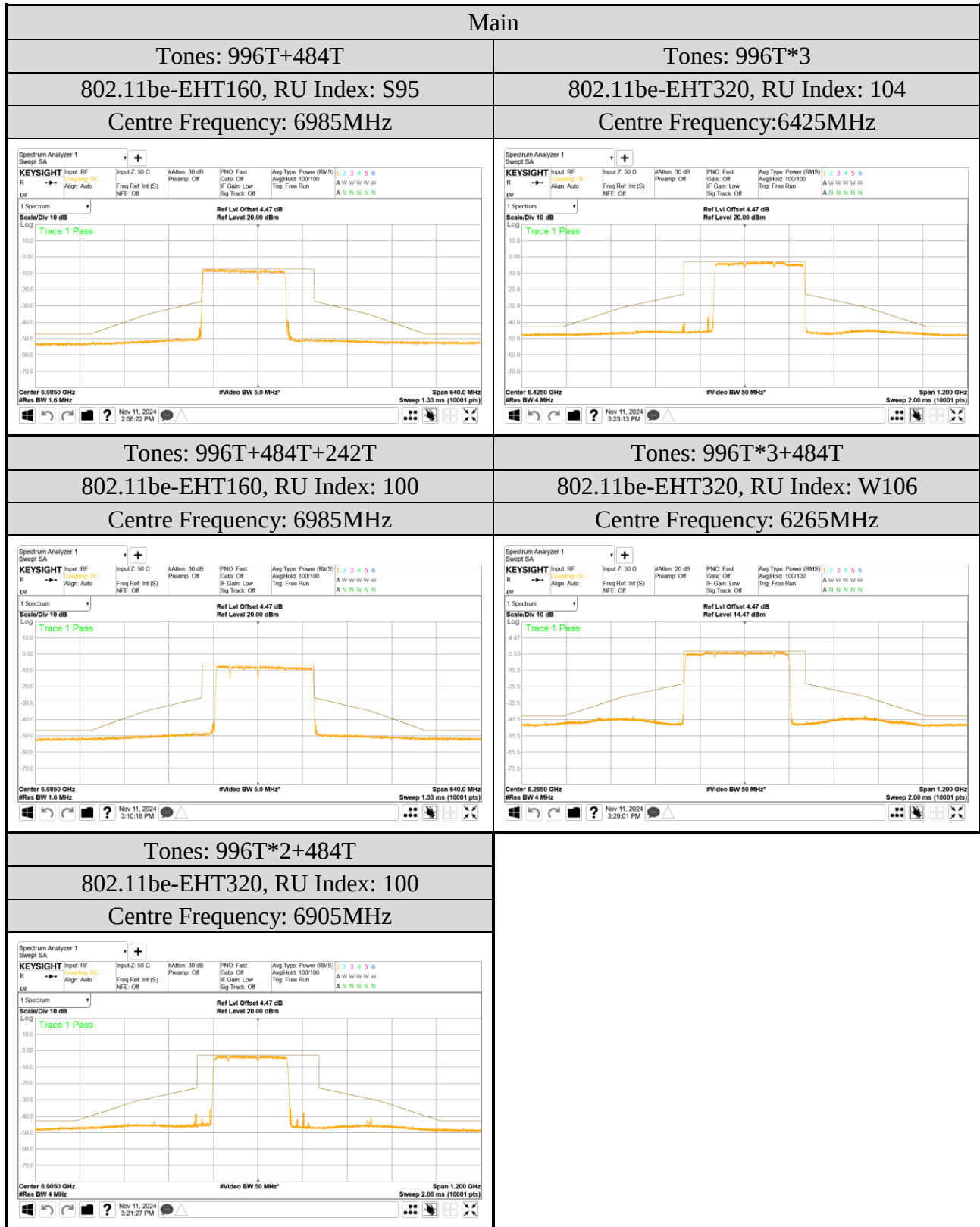




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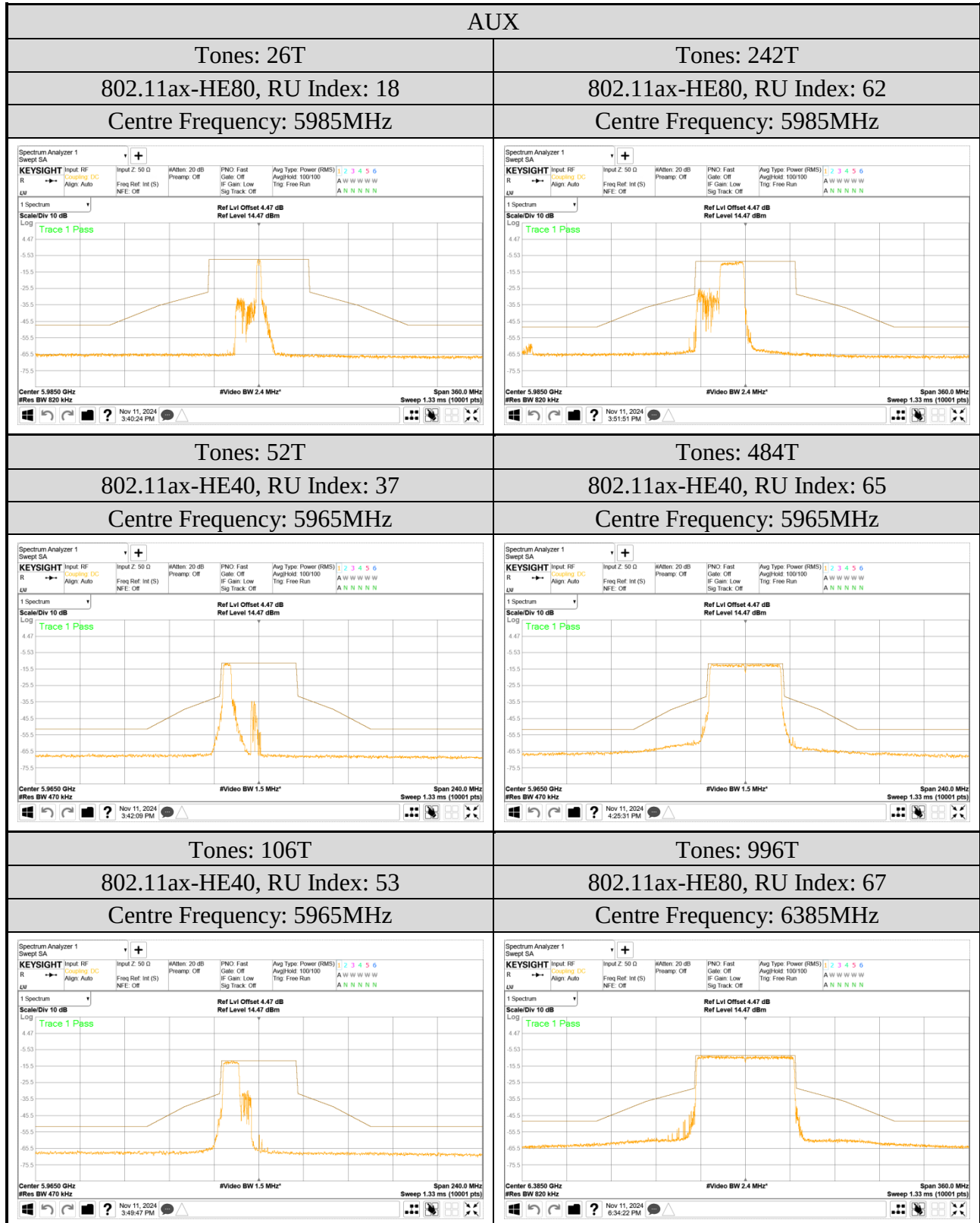


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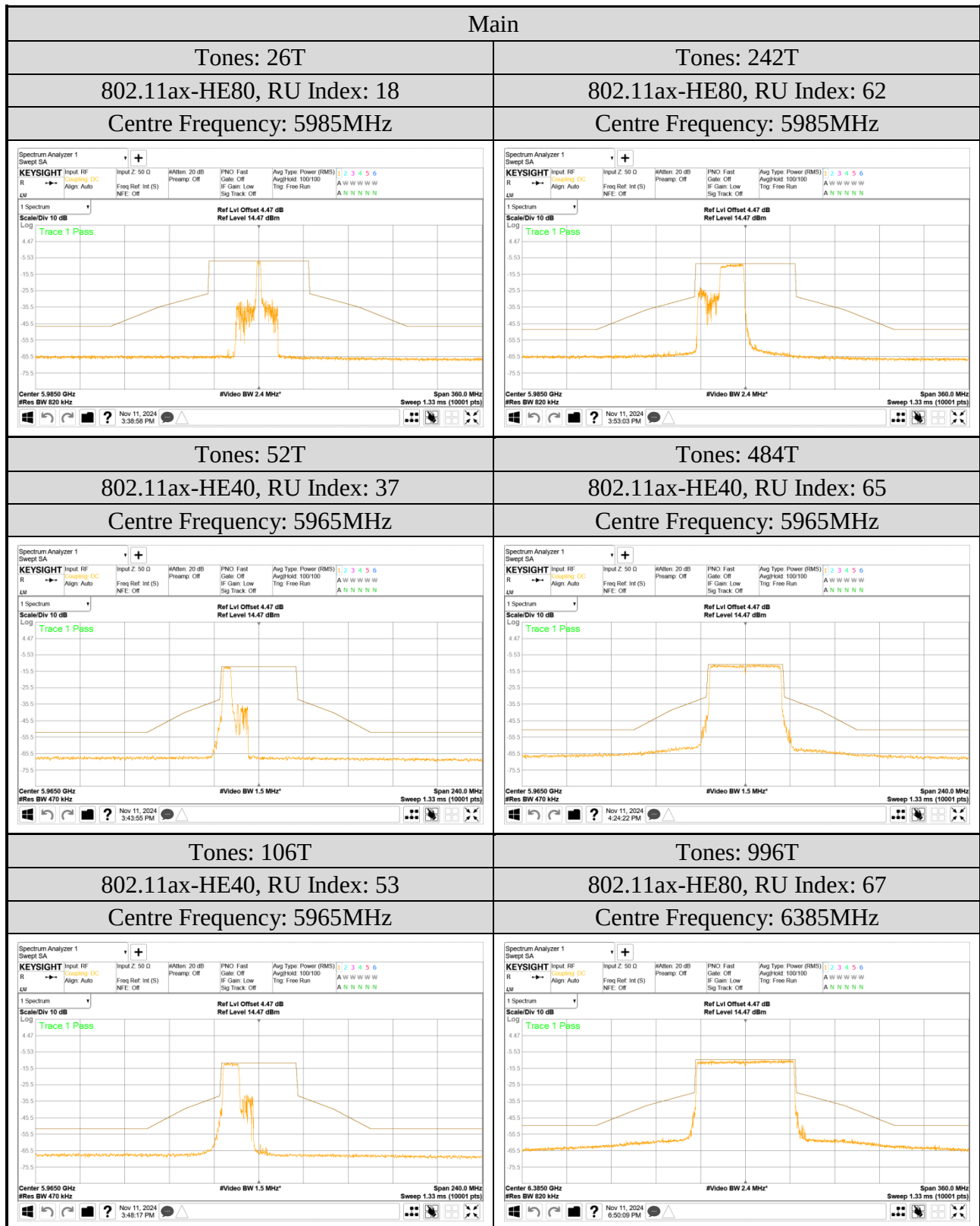
Antenna: LUXSHARE-ICT

AUX



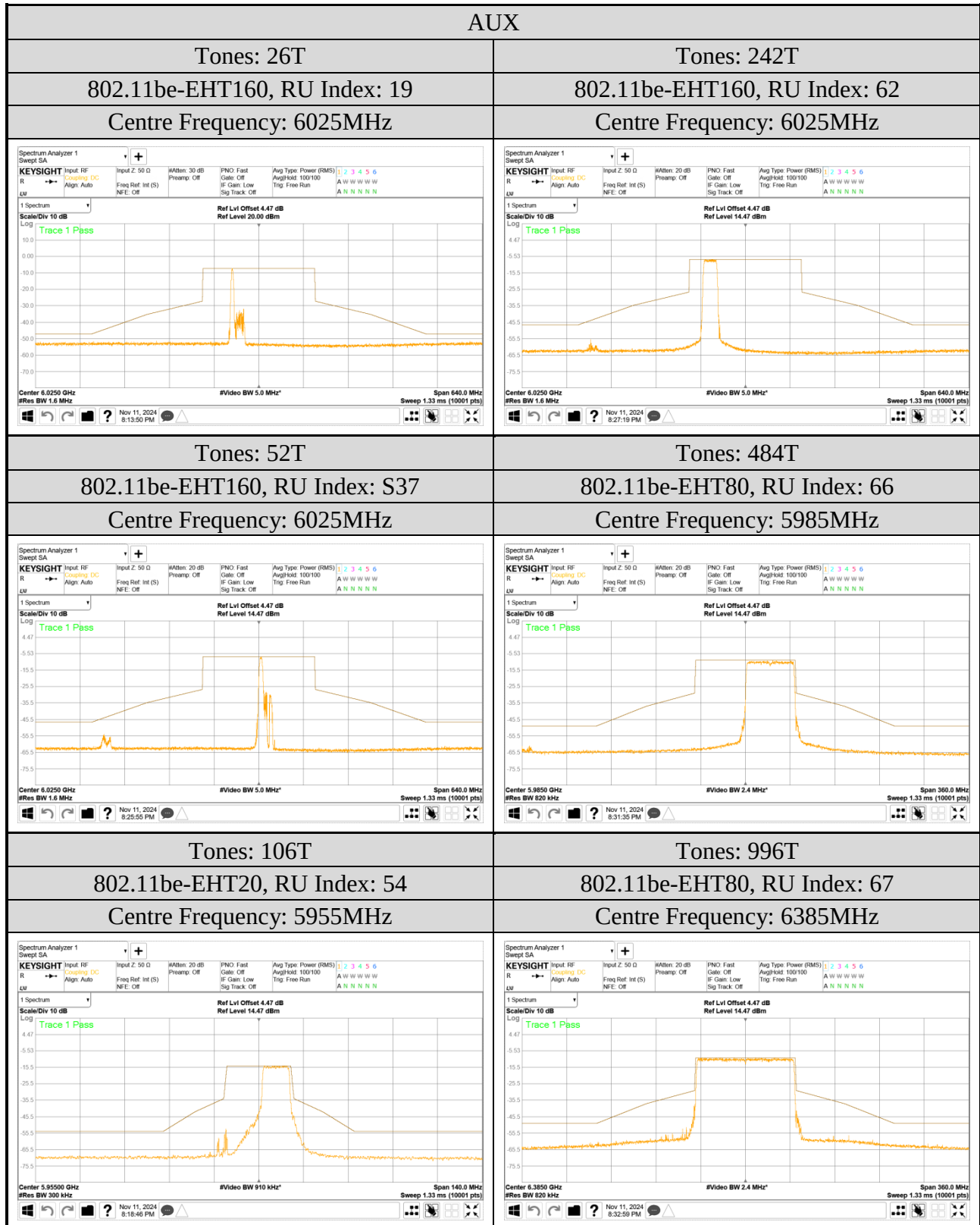
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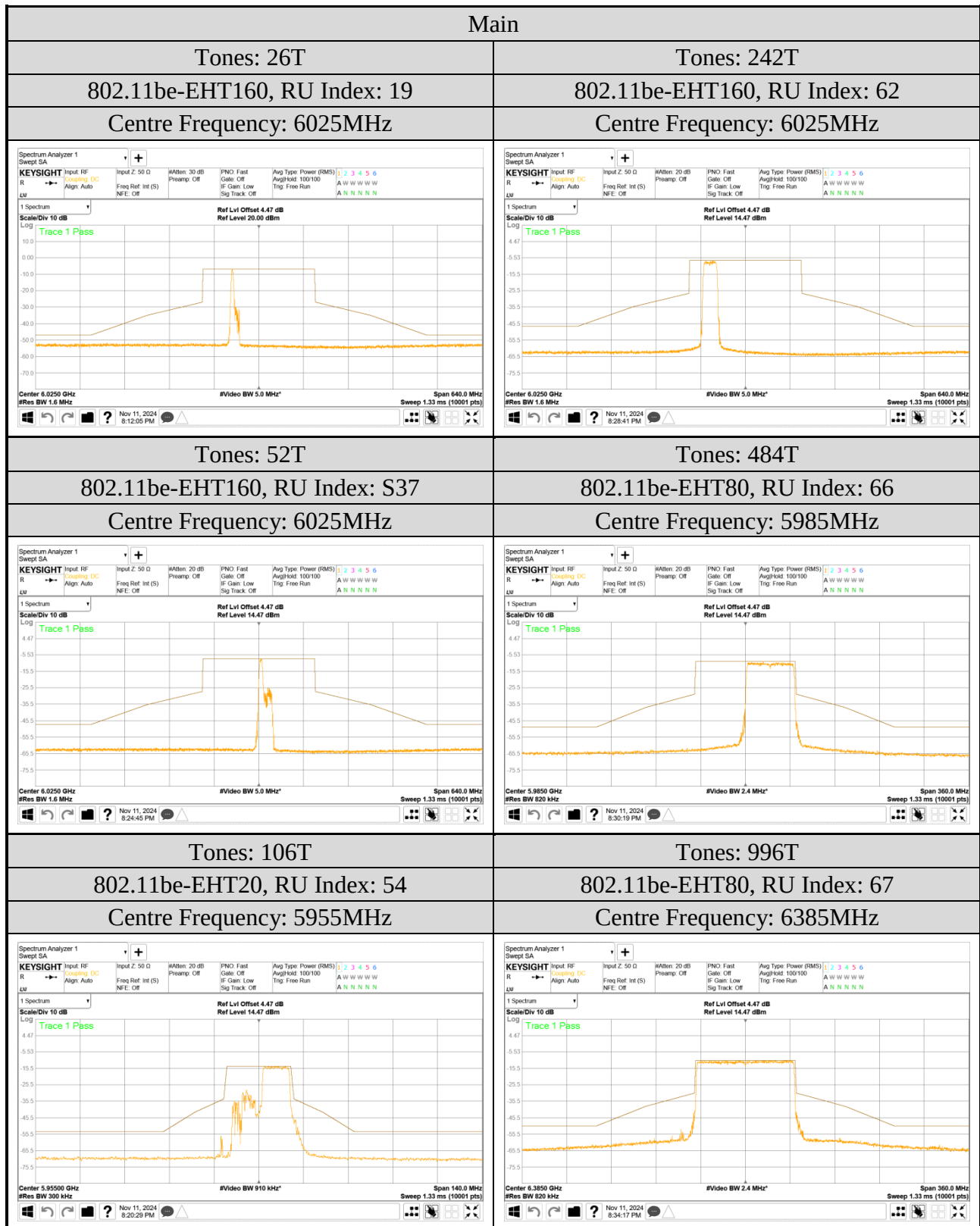
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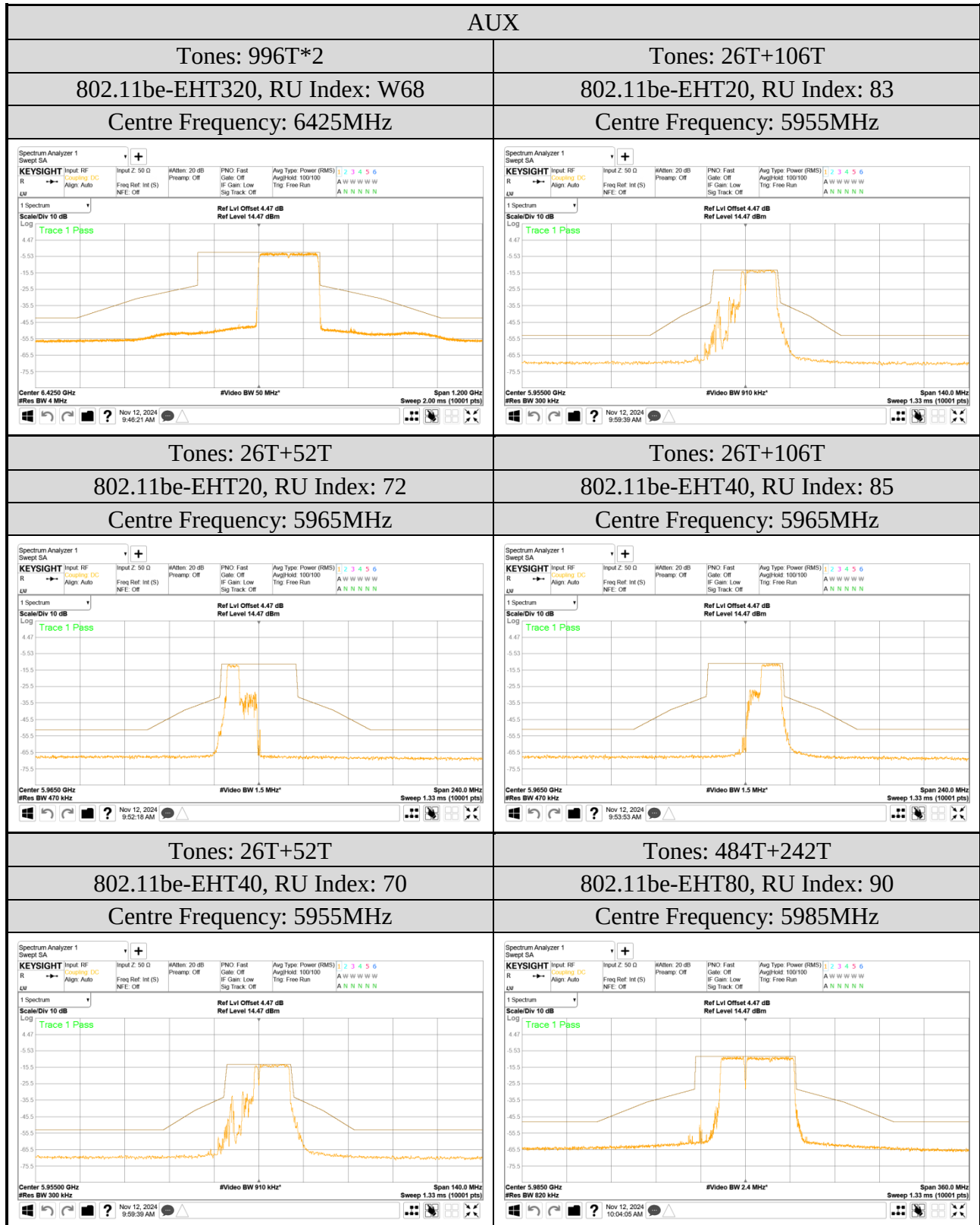
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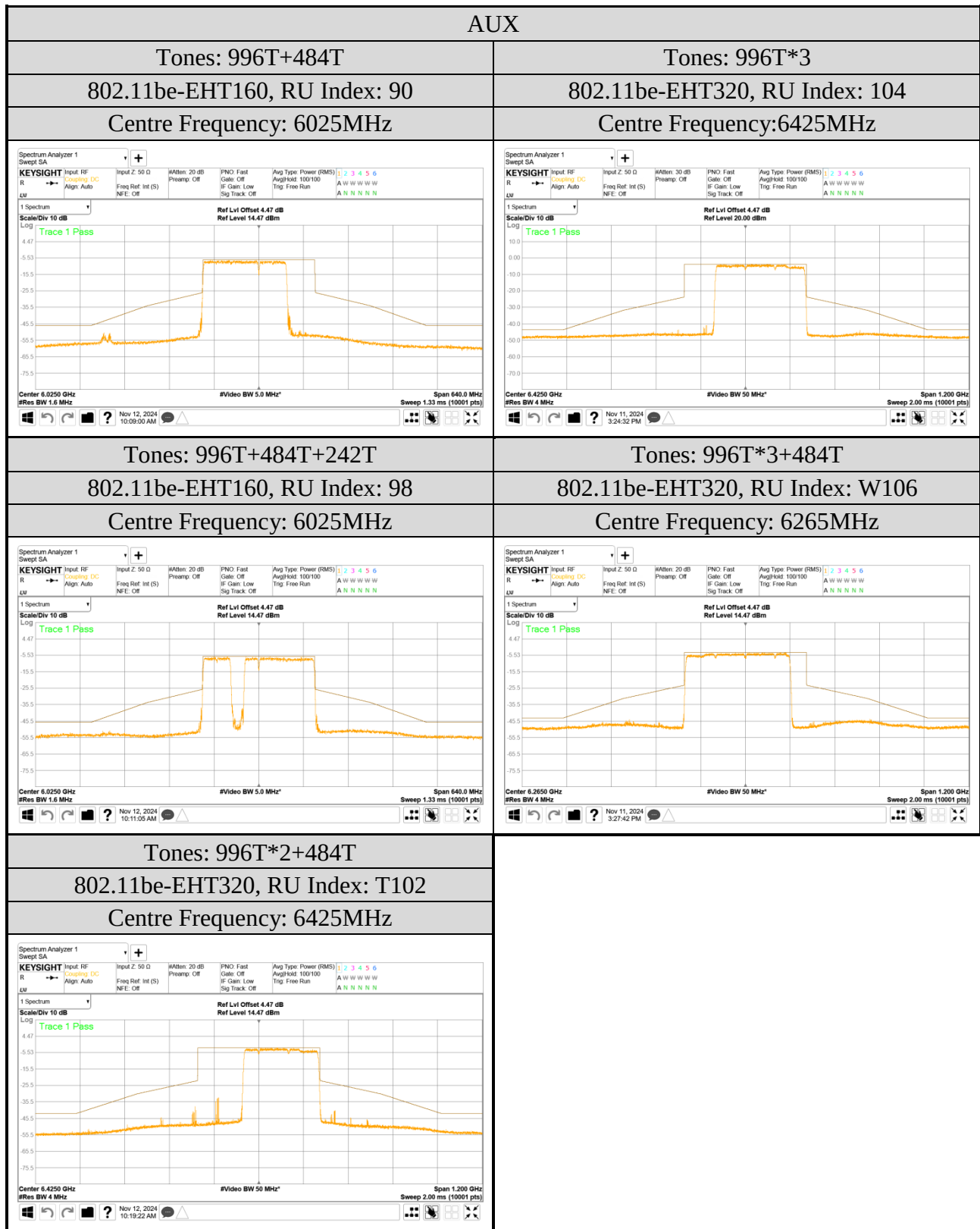
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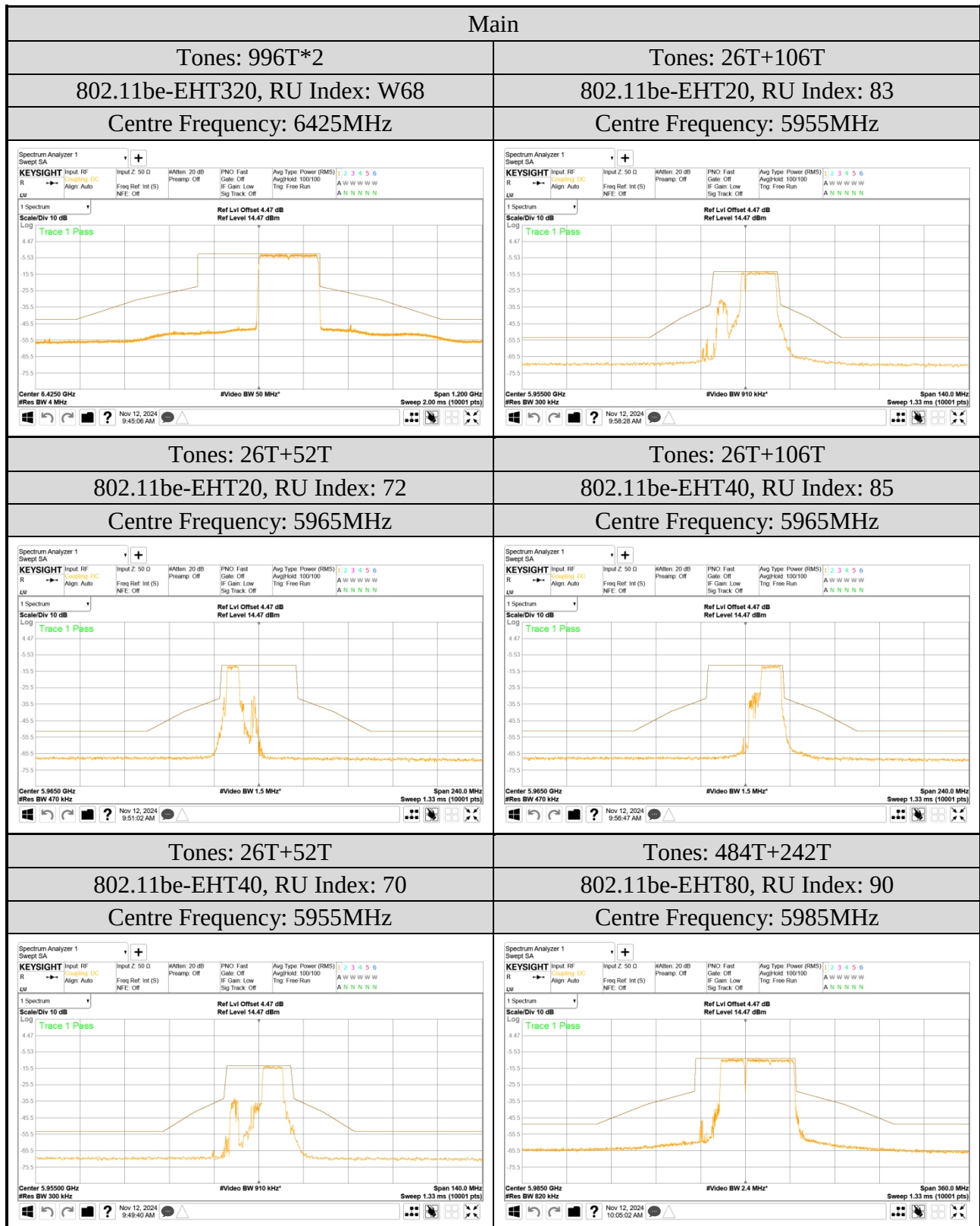




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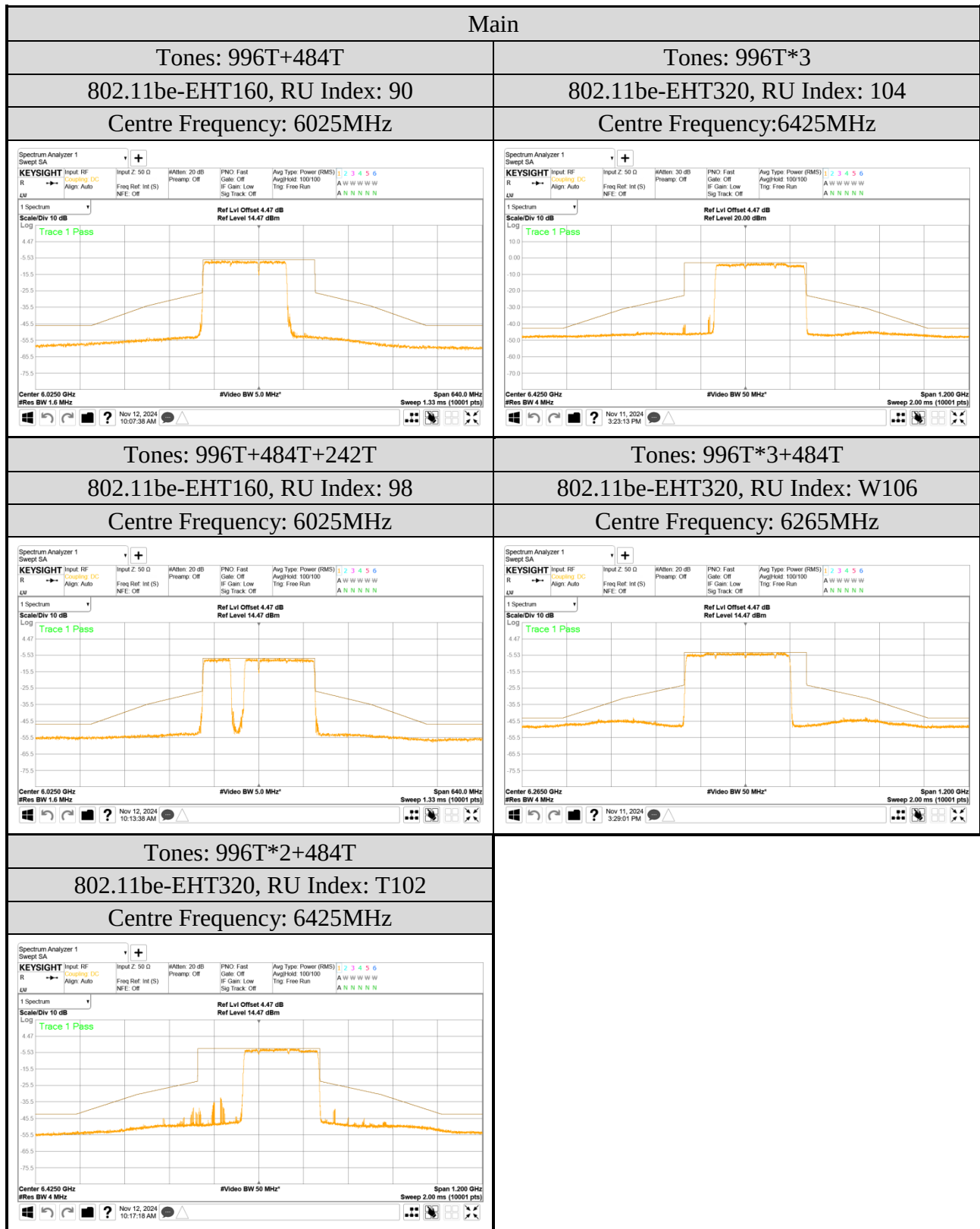
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A.8 CONTENTION BASED PROTOCOL

Test Date	2024/11/14 ~ 15	Temp./Hum.	24 ~ 25°C/55 ~ 56%
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

Antenna: INPAQ

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	-79.78	1.00	-80.78	-62	OFF
			6135	-87.78	1.00	-88.78	-62	Minimum
			6135	-89.78	1.00	-90.78	-62	ON
	6	6455	6455	-74.30	1.00	-75.30	-62	OFF
			6455	-85.30	1.00	-86.30	-62	Minimum
			6455	-87.30	1.00	-88.30	-62	ON
	7	6695	6695	-75.84	1.00	-76.84	-62	OFF
			6695	-80.84	1.00	-81.84	-62	Minimum
			6695	-83.84	1.00	-84.84	-62	ON
	8	7015	7015	-77.92	1.00	-78.92	-62	OFF
			7015	-85.92	1.00	-86.92	-62	Minimum
			7015	-87.92	1.00	-88.92	-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.

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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	6030	-77.96	1.00	-78.96	-62	OFF
			6030	-81.96	1.00	-82.96	-62	Minimum
			6030	-83.96	1.00	-84.96	-62	ON
			6105	-77.63	1.00	-78.63	-62	OFF
			6105	-82.63	1.00	-83.63	-62	Minimum
			6105	-84.63	1.00	-85.63	-62	ON
			6180	-79.23	1.00	-80.23	-62	OFF
			6180	-83.23	1.00	-84.23	-62	Minimum
			6180	-84.23	1.00	-85.23	-62	ON
	5/6/7	6585	6510	-77.98	1.00	-78.98	-62	OFF
			6510	-79.98	1.00	-80.98	-62	Minimum
			6510	-81.98	1.00	-82.98	-62	ON
			6585	-74.96	1.00	-75.96	-62	OFF
			6585	-79.96	1.00	-80.96	-62	Minimum
			6585	-81.96	1.00	-82.96	-62	ON
			6660	-77.51	1.00	-78.51	-62	OFF
			6660	-80.51	1.00	-81.51	-62	Minimum
			6660	-82.51	1.00	-83.51	-62	ON
	7/8	6745	6670	-79.55	1.00	-80.55	-62	OFF
			6670	-82.55	1.00	-83.55	-62	Minimum
			6670	-84.55	1.00	-85.55	-62	ON
			6745	-76.91	1.00	-77.91	-62	OFF
			6745	-81.91	1.00	-82.91	-62	Minimum
			6745	-83.91	1.00	-84.91	-62	ON
			6820	-77.67	1.00	-78.67	-62	OFF
			6820	-80.67	1.00	-81.67	-62	Minimum
			6820	-82.67	1.00	-83.67	-62	ON
	7/8	6905	6830	-76.94	1.00	-77.94	-62	OFF
			6830	-79.94	1.00	-80.94	-62	Minimum
			6830	-80.94	1.00	-81.94	-62	ON
			6905	-73.67	1.00	-74.67	-62	OFF
			6905	-77.67	1.00	-78.67	-62	Minimum
			6905	-79.67	1.00	-80.67	-62	ON
			6980	-75.91	1.00	-76.91	-62	OFF
			6980	-78.91	1.00	-79.91	-62	Minimum
			6980	-80.91	1.00	-81.91	-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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Antenna: LUXSHARE-ICT

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	-79.78	-3.80	-75.98	-62	OFF
			6135	-87.78	-3.80	-83.98	-62	Minimum
			6135	-89.78	-3.80	-85.98	-62	ON
	6	6455	6455	-74.30	-3.80	-70.50	-62	OFF
			6455	-85.30	-3.80	-81.50	-62	Minimum
			6455	-87.30	-3.80	-83.50	-62	ON
	7	6695	6695	-75.84	-3.80	-72.04	-62	OFF
			6695	-80.84	-3.80	-77.04	-62	Minimum
			6695	-83.84	-3.80	-80.04	-62	ON
	8	7015	7015	-77.92	-3.80	-74.12	-62	OFF
			7015	-85.92	-3.80	-82.12	-62	Minimum
			7015	-87.92	-3.80	-84.12	-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	6030	-77.96	-3.80	-74.16	-62	OFF
			6030	-81.96	-3.80	-78.16	-62	Minimum
			6030	-83.96	-3.80	-80.16	-62	ON
			6105	-77.63	-3.80	-73.83	-62	OFF
			6105	-82.63	-3.80	-78.83	-62	Minimum
			6105	-84.63	-3.80	-80.83	-62	ON
			6180	-79.23	-3.80	-75.43	-62	OFF
			6180	-83.23	-3.80	-79.43	-62	Minimum
	5/6/7	6585	6180	-84.23	-3.80	-80.43	-62	ON
			6510	-77.98	-3.80	-74.18	-62	OFF
			6510	-79.98	-3.80	-76.18	-62	Minimum
			6510	-81.98	-3.80	-78.18	-62	ON
			6585	-74.96	-3.80	-71.16	-62	OFF
			6585	-79.96	-3.80	-76.16	-62	Minimum
			6585	-81.96	-3.80	-78.16	-62	ON
			6660	-77.51	-3.80	-73.71	-62	OFF
	7/8	6745	6660	-80.51	-3.80	-76.71	-62	Minimum
			6660	-82.51	-3.80	-78.71	-62	ON
			6670	-79.55	-3.80	-75.75	-62	OFF
			6670	-82.55	-3.80	-78.75	-62	Minimum
			6670	-84.55	-3.80	-80.75	-62	ON
			6745	-76.91	-3.80	-73.11	-62	OFF
			6745	-81.91	-3.80	-78.11	-62	Minimum
			6745	-83.91	-3.80	-80.11	-62	ON
	7/8	6905	6820	-77.67	-3.80	-73.87	-62	OFF
			6820	-80.67	-3.80	-76.87	-62	Minimum
			6820	-82.67	-3.80	-78.87	-62	ON
			6830	-76.94	-3.80	-73.14	-62	OFF
			6830	-79.94	-3.80	-76.14	-62	Minimum
			6830	-80.94	-3.80	-77.14	-62	ON
			6905	-73.67	-3.80	-69.87	-62	OFF
			6905	-77.67	-3.80	-73.87	-62	Minimum
			6905	-79.67	-3.80	-75.87	-62	ON
			6980	-75.91	-3.80	-72.11	-62	OFF
			6980	-78.91	-3.80	-75.11	-62	Minimum
			6980	-80.91	-3.80	-77.11	-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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● Summary table

Antenna: INPAQ

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	6030	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
			6180	1	1	1	1	1	1	1	1	1	1	100	90
	5/6/7	6585	6510	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
			6660	1	1	1	1	1	1	1	1	1	1	100	90
	7/8	6745	6670	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
			6820	1	1	1	1	1	1	1	1	1	1	100	90
	7/8	6905	6830	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
			6980	1	1	1	1	1	1	1	1	1	1	100	90

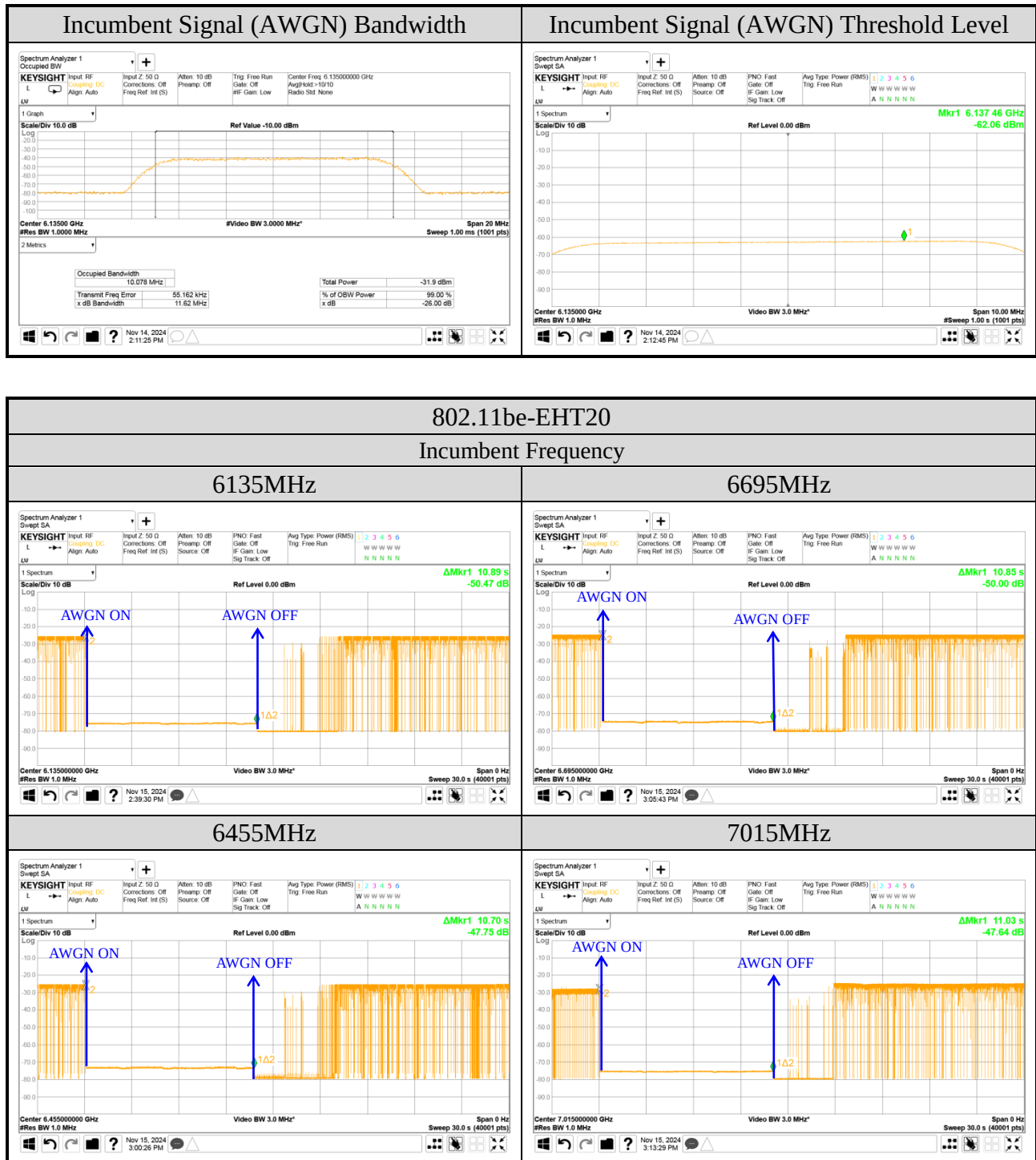
Note: CBP Detection Trials (1= Detection, 0= No Detection)

Antenna: LUXSHARE-ICT

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	6030	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
			6180	1	1	1	1	1	1	1	1	1	1	100	90
	5/6/7	6585	6510	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
			6660	1	1	1	1	1	1	1	1	1	1	100	90
	7/8	6745	6670	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
			6820	1	1	1	1	1	1	1	1	1	1	100	90
	7/8	6905	6830	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
			6980	1	1	1	1	1	1	1	1	1	1	100	90

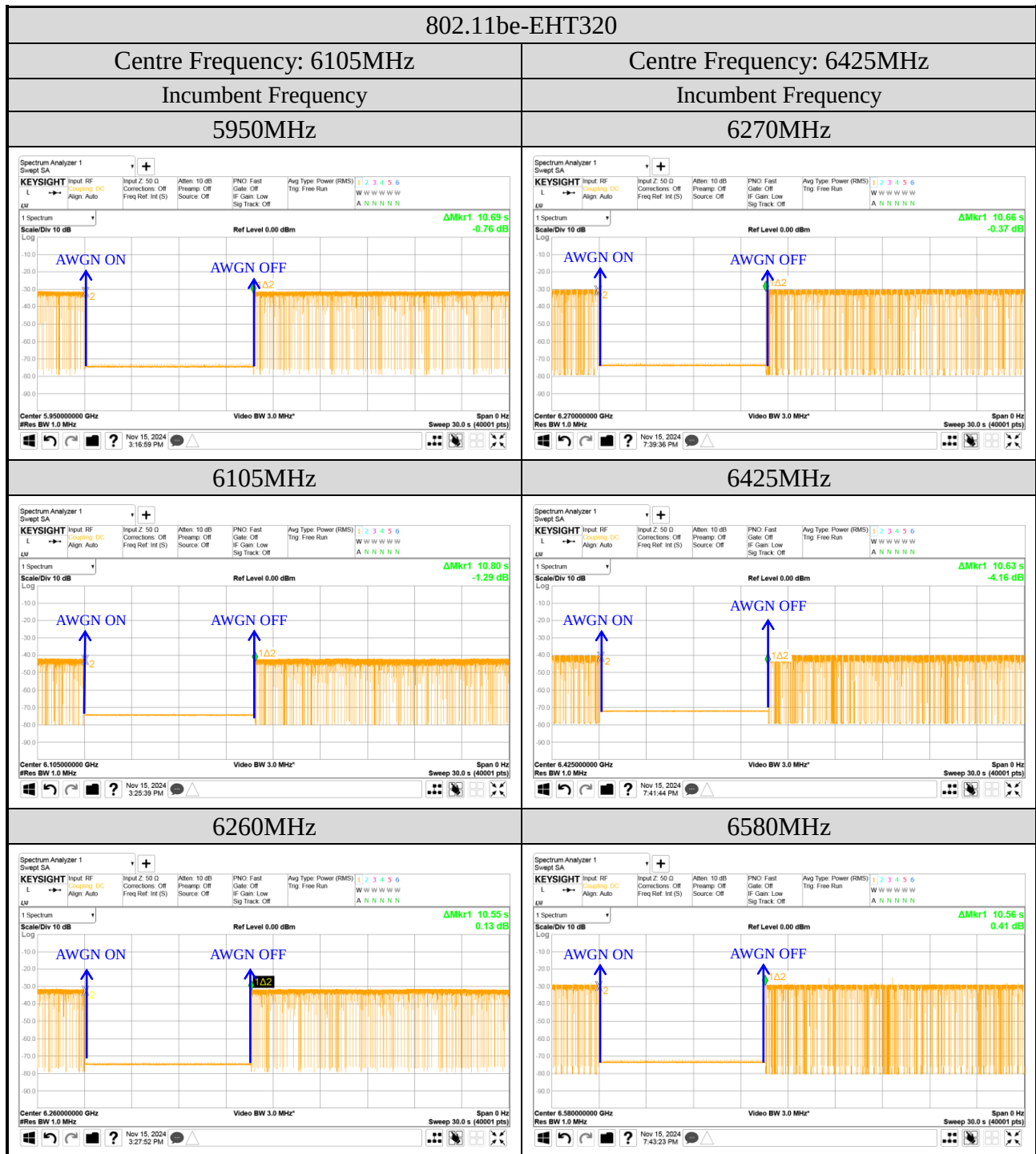
Note: CBP Detection Trials (1= Detection, 0= No Detection)

A.8.2 Measurement Plots



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