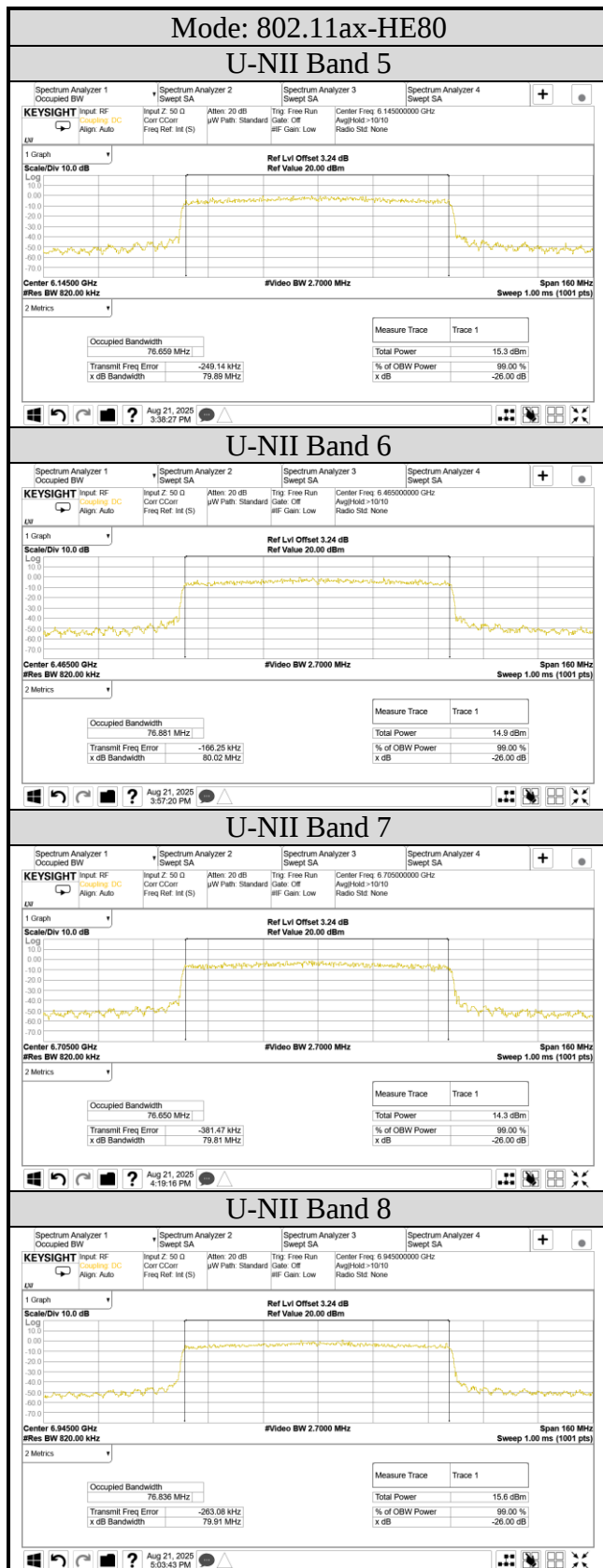


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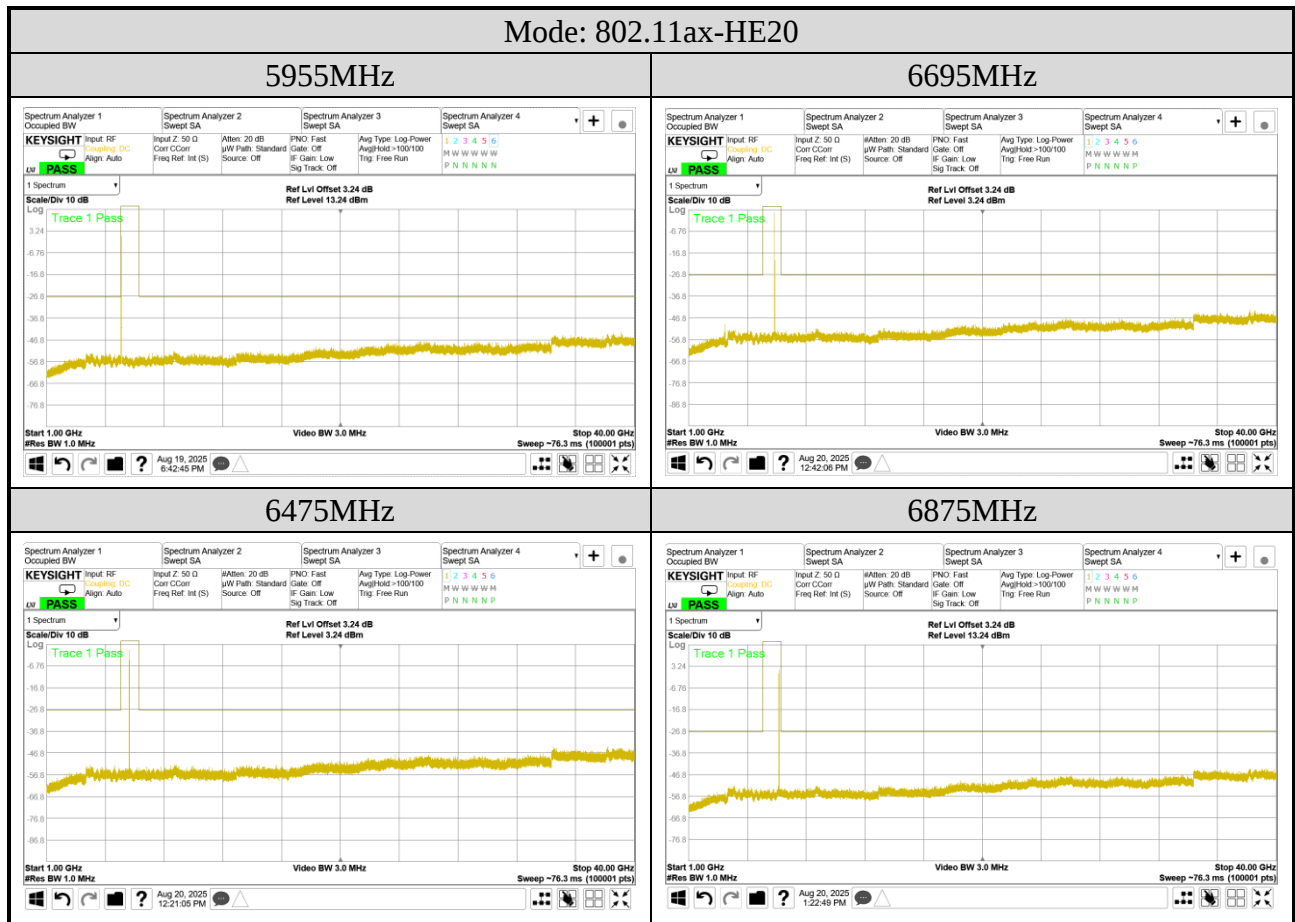


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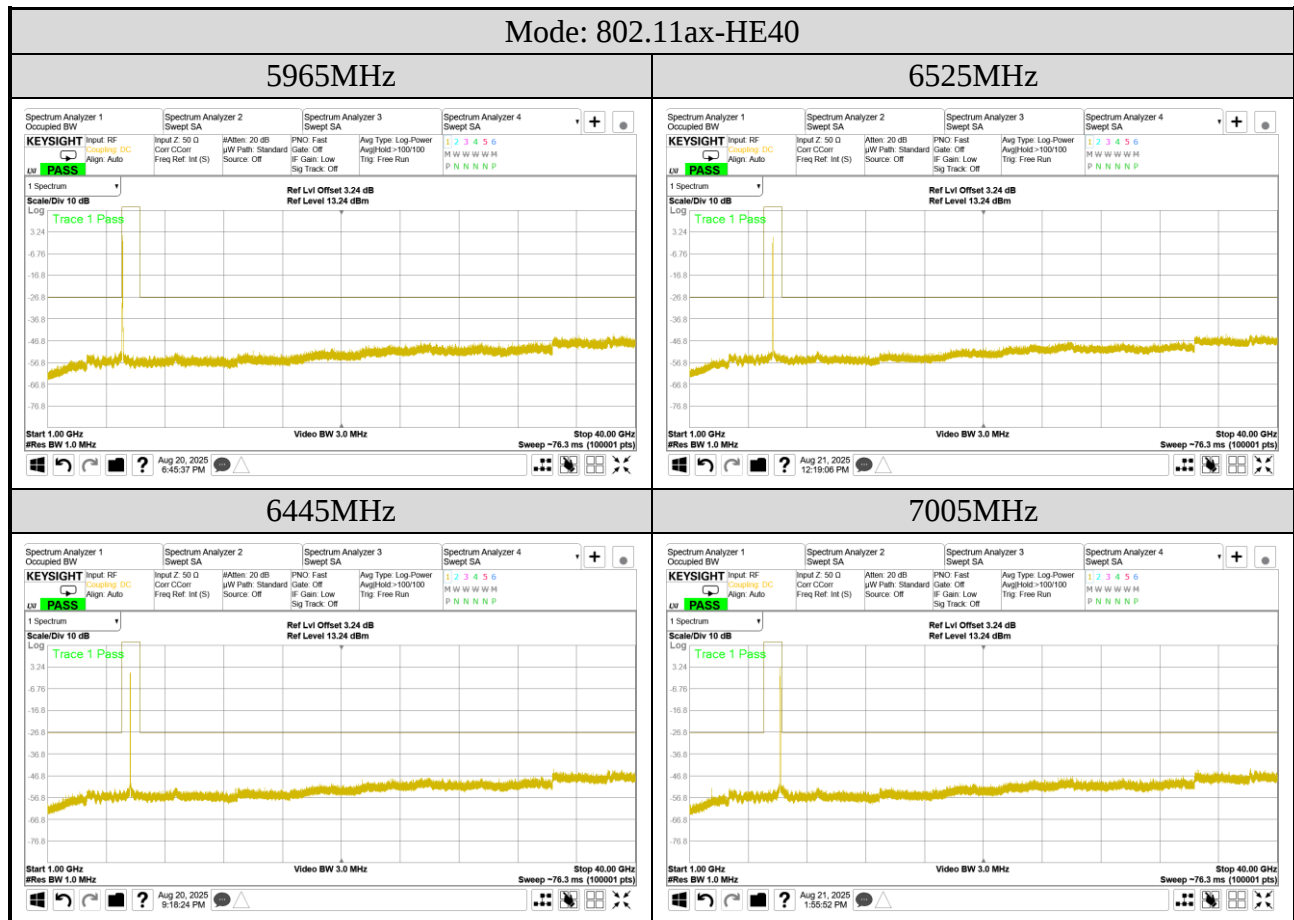
A.6 UNDESIRABLE EMISSION LIMITS: SPURIOUS EMISSION (CONDUCTED)

Test Date	2025/08/20 ~ 21	Temp./Hum.	24°C/53 ~ 61%
Cable Loss	3.24B	Tested By	Harry Huang
Test Voltage	DC 3.3V (through test jig via Notebook PC)		



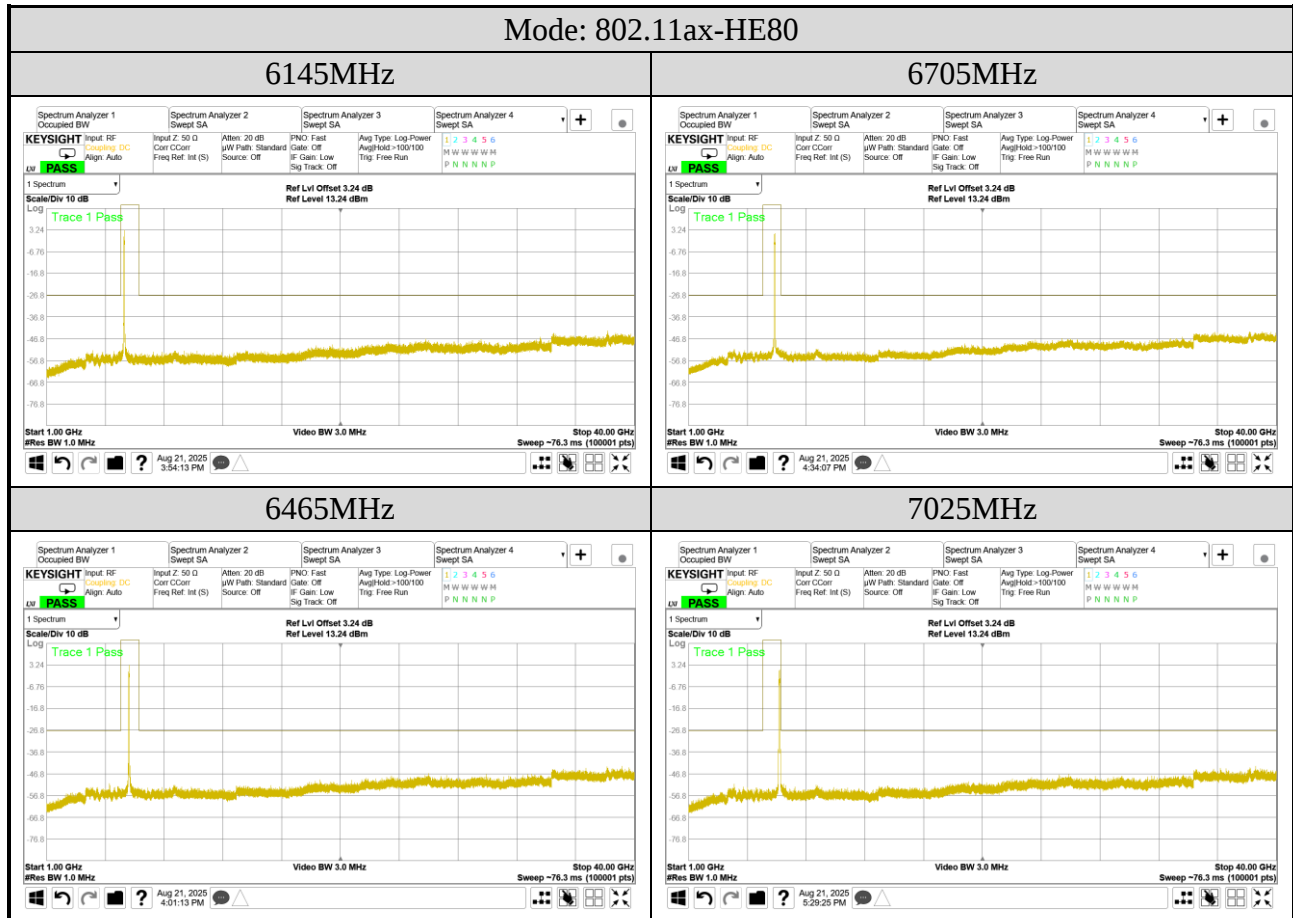
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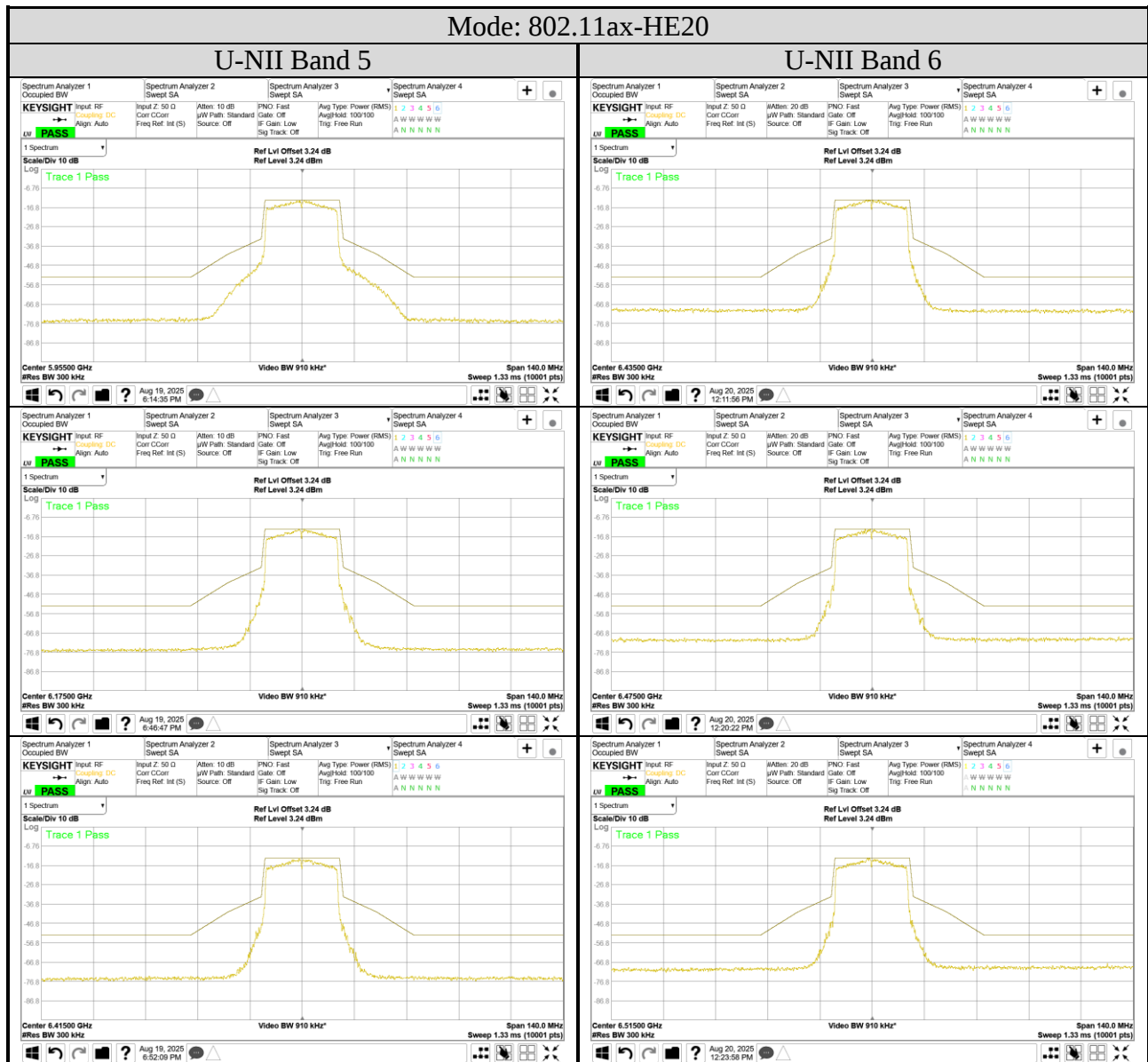
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A.7 IN-BAND EMISSION (CHANNEL MASK)

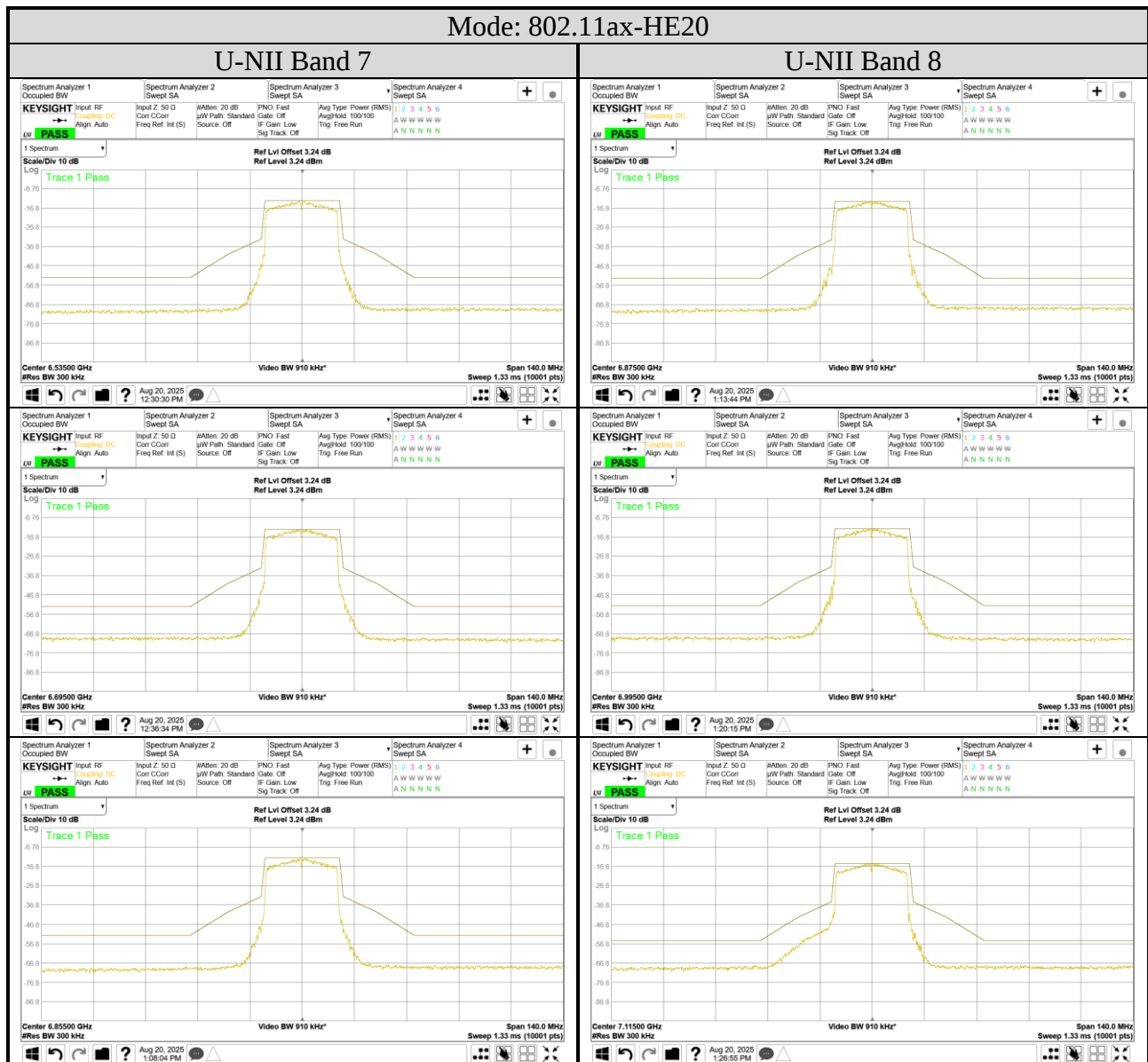
Test Date	2025/08/19 ~ 21	Temp./Hum.	24 ~ 25°C/53 ~ 61%
Cable Loss	3.24dB	Tested By	Harry Huang
Test Voltage	DC 3.3V (through test jig via Notebook PC)		

● OFDM Modulation



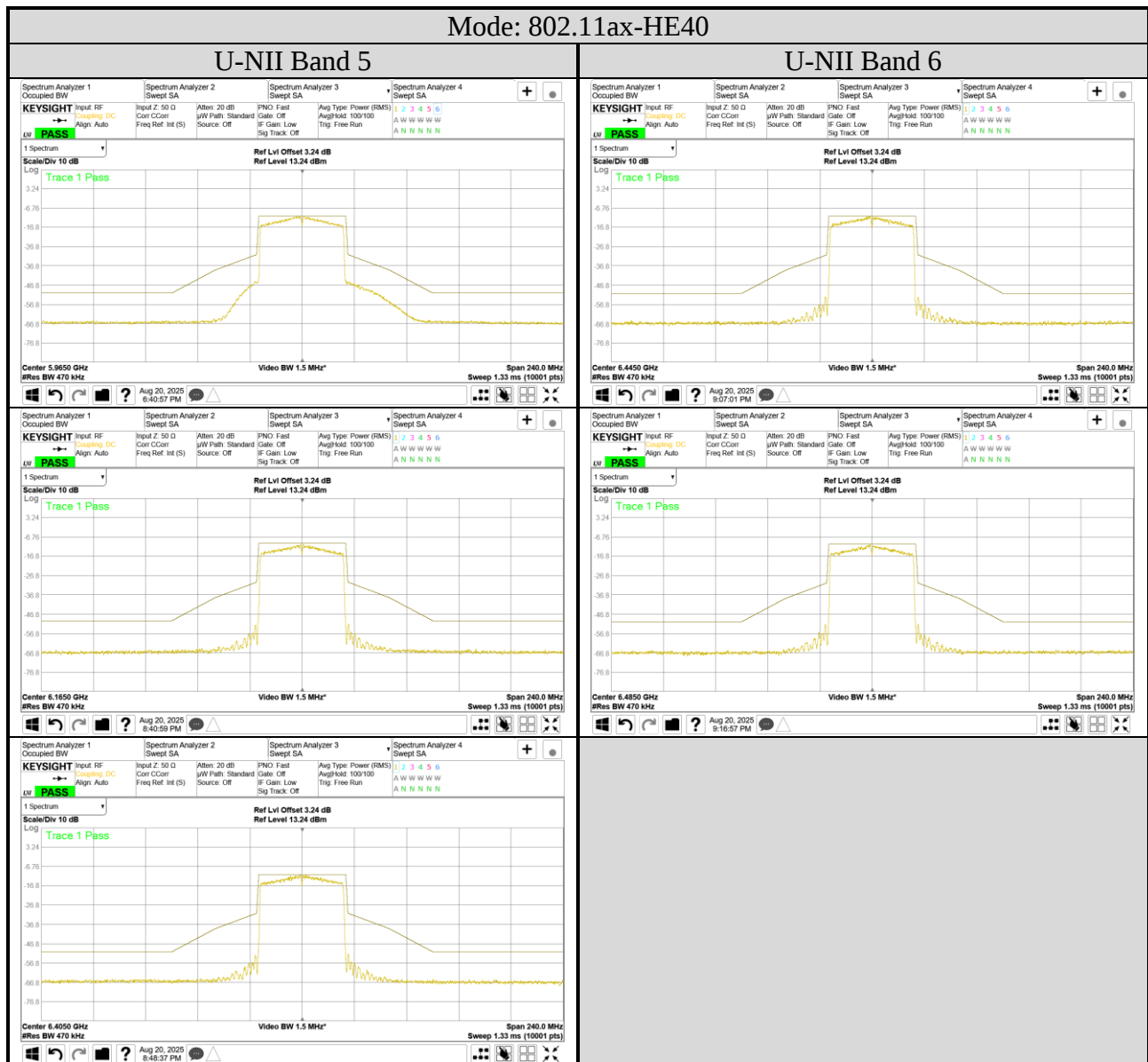
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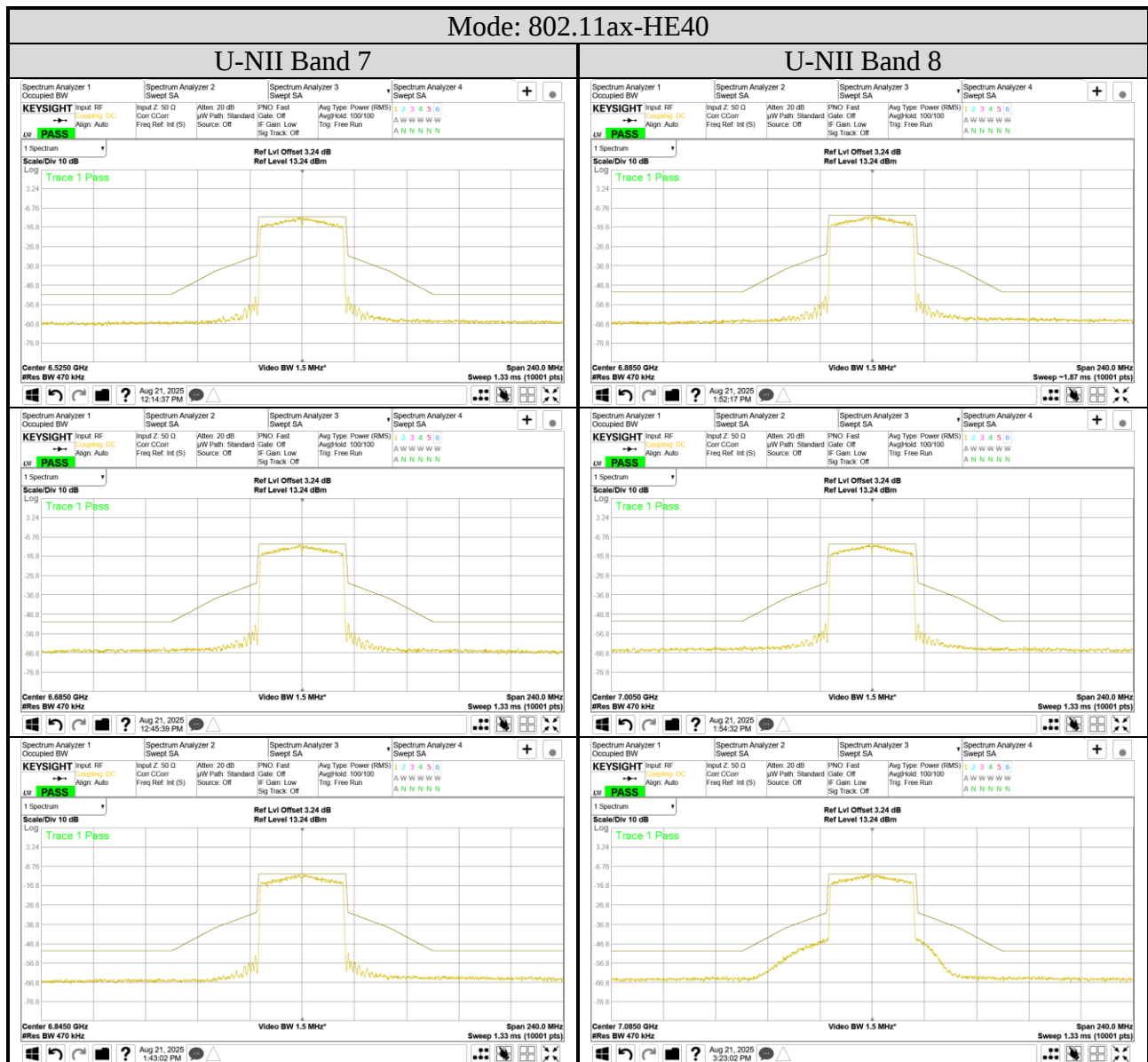
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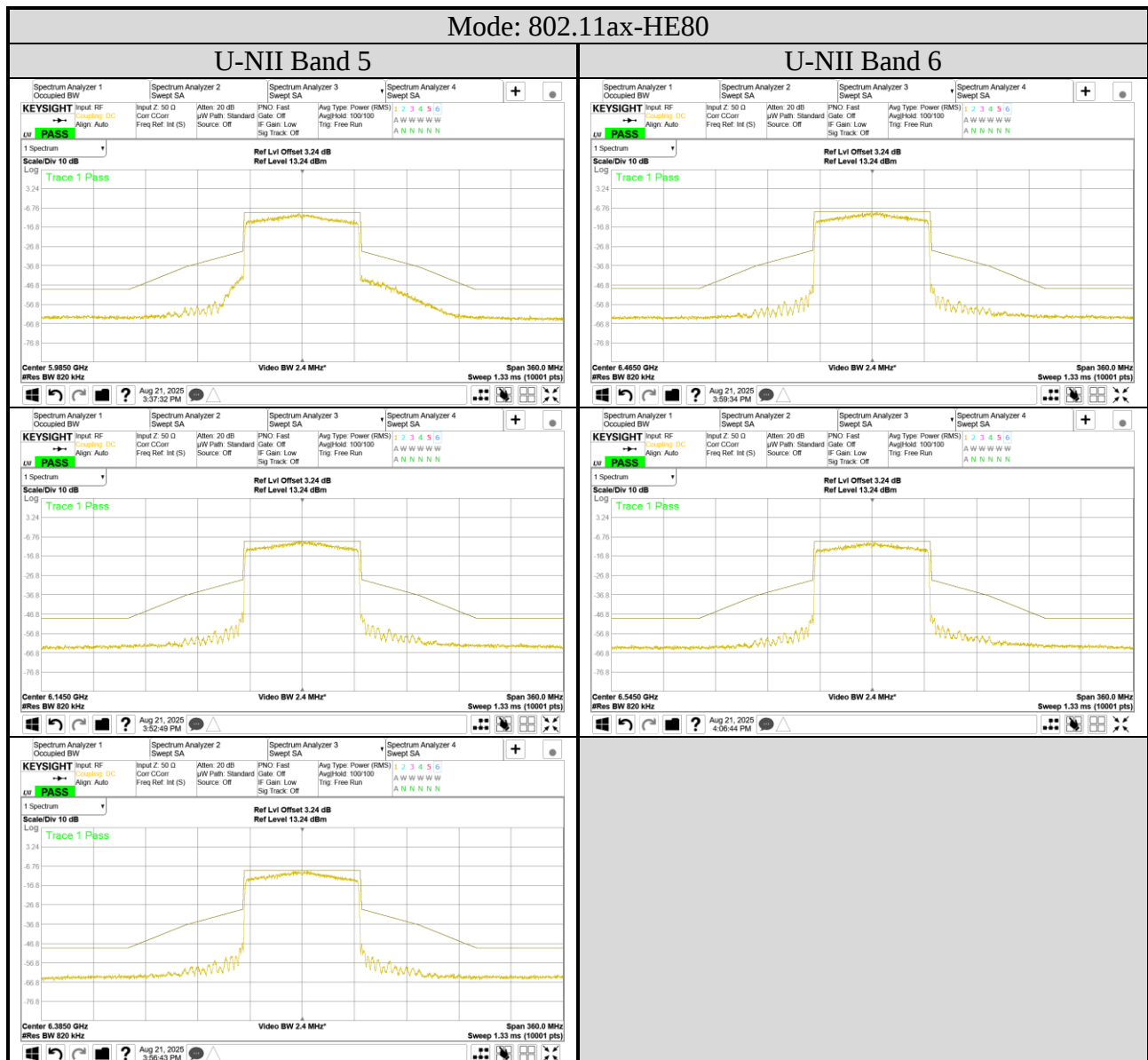
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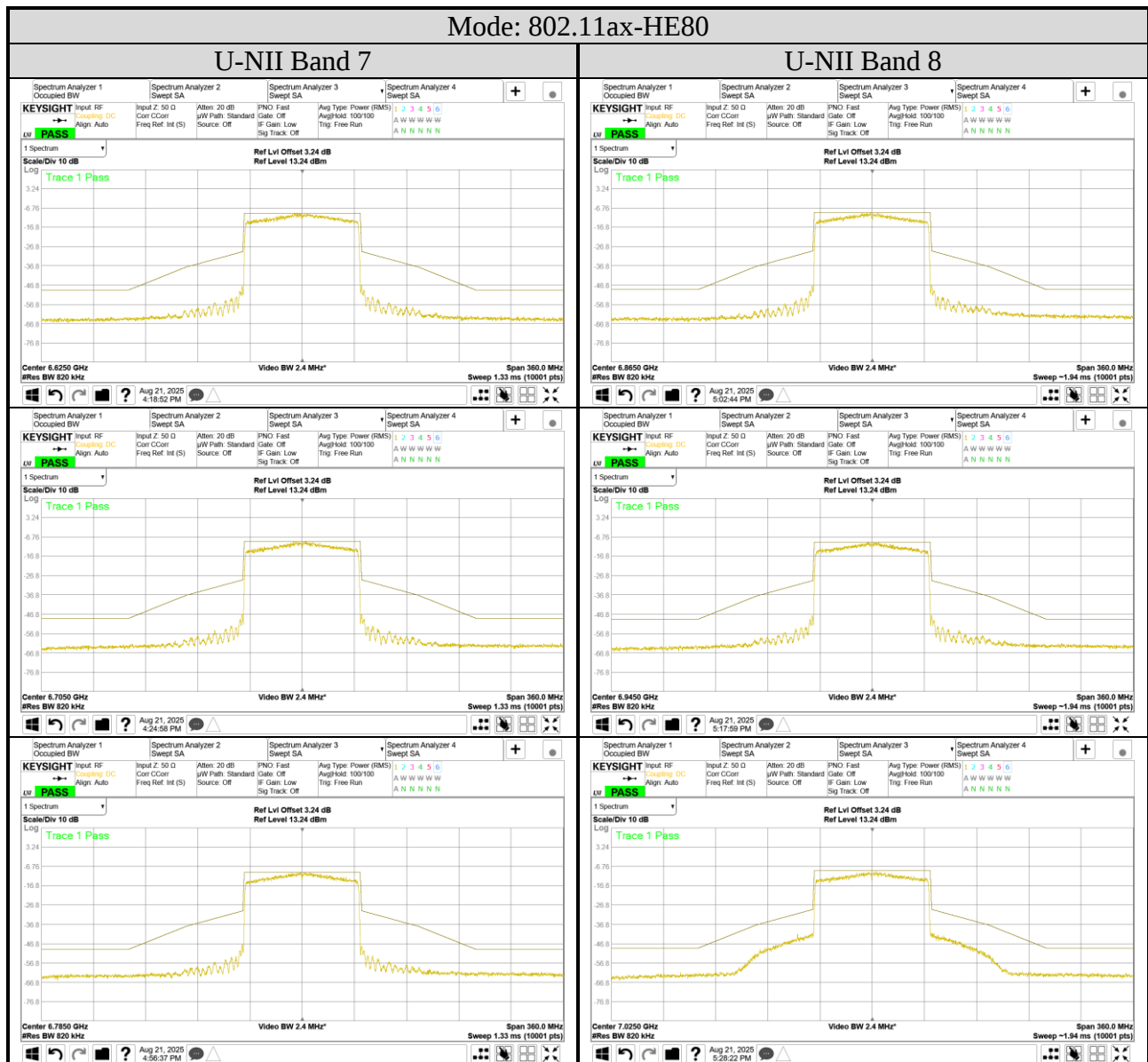
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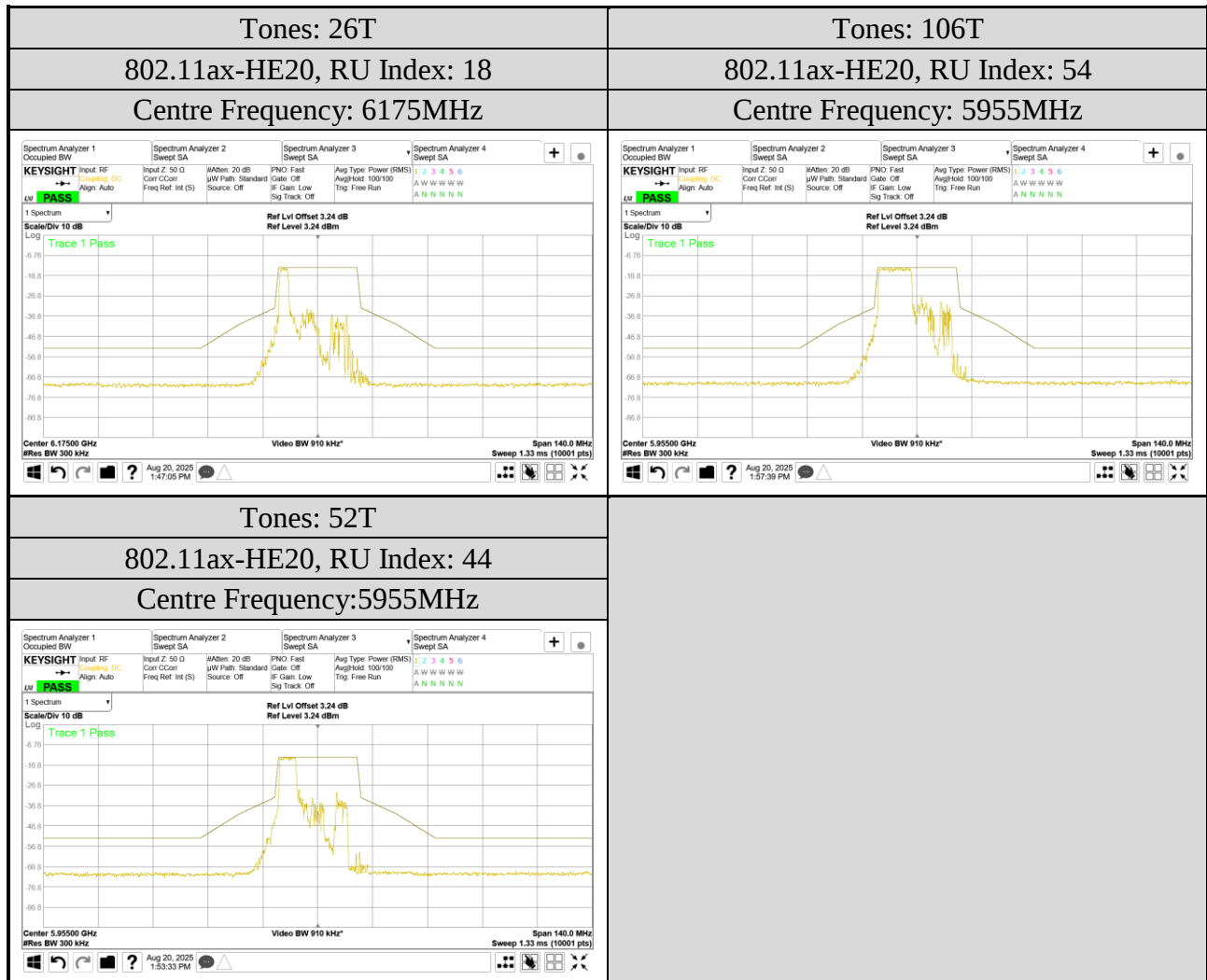
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● OFDMA Modulation



A.8 CONTENTION BASED PROTOCOL

Test Date	2025/08/18 ~ 23	Temp./Hum.	23 ~ 24°C/53 ~ 62%
Cable Loss	N/A	Tested By	Sam Chang
Test Voltage	DC 3.3V (through test jig via Notebook PC)		

A.8.1 Contention-based Protocol

For Master Function

● 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
802.11ax-HE20	5	6135	6135	-74.54	4.52	-79.06	-62	OFF
			6135	-78.54	4.52	-83.06	N/A	Minimum
			6135	-80.54	4.52	-85.06	N/A	ON
	6	6455	6455	-75.63	4.52	-80.15	-62	OFF
			6455	-78.63	4.52	-83.15	N/A	Minimum
			6455	-80.63	4.52	-85.15	N/A	ON
	7	6695	6695	-75.72	4.52	-80.24	-62	OFF
			6695	-79.72	4.52	-84.24	N/A	Minimum
			6695	-80.72	4.52	-85.24	N/A	ON
	8	7015	7015	-74.56	4.52	-79.08	-62	OFF
			7015	-79.56	4.52	-84.08	N/A	Minimum
			7015	-81.56	4.52	-86.08	N/A	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
802.11ax-HE80	5	6415	6110	-71.43	4.52	-75.95	-62	OFF
			6110	-79.43	4.52	-83.95	N/A	Minimum
			6110	-81.43	4.52	-85.95	N/A	ON
			6145	-73.43	4.52	-77.95	-62	OFF
			6145	-77.43	4.52	-81.95	N/A	Minimum
			6145	-78.43	4.52	-82.95	N/A	ON
			6180	-75.19	4.52	-79.71	-62	OFF
			6180	-79.19	4.52	-83.71	N/A	Minimum
			6180	-81.19	4.52	-85.71	N/A	ON
	6	6465	6430	-73.01	4.52	-77.53	-62	OFF
			6430	-80.01	4.52	-84.53	N/A	Minimum
			6430	-81.01	4.52	-85.53	N/A	ON
			6465	-75.32	4.52	-79.84	-62	OFF
			6465	-80.32	4.52	-84.84	N/A	Minimum
			6465	-82.32	4.52	-86.84	N/A	ON
			6500	-74.08	4.52	-78.60	-62	OFF
			6500	-80.08	4.52	-84.60	N/A	Minimum
			6500	-82.08	4.52	-86.60	N/A	ON
	7	6705	6670	-68.50	4.52	-73.02	-62	OFF
			6670	-79.50	4.52	-84.02	N/A	Minimum
			6670	-81.50	4.52	-86.02	N/A	ON
			6705	-72.74	4.52	-77.26	-62	OFF
			6705	-76.74	4.52	-81.26	N/A	Minimum
			6705	-78.74	4.52	-83.26	N/A	ON
			6740	-73.27	4.52	-77.79	-62	OFF
			6740	-79.27	4.52	-83.79	N/A	Minimum
			6740	-81.27	4.52	-85.79	N/A	ON
	8	6945	6910	-72.85	4.52	-77.37	-62	OFF
			6910	-79.85	4.52	-84.37	N/A	Minimum
			6910	-80.85	4.52	-85.37	N/A	ON
			6945	-71.80	4.52	-76.32	-62	OFF
			6945	-81.80	4.52	-86.32	N/A	Minimum
			6945	-83.80	4.52	-88.32	N/A	ON
			6980	-75.17	4.52	-79.69	-62	OFF
			6980	-80.17	4.52	-84.69	N/A	Minimum
			6980	-82.17	4.52	-86.69	N/A	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

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Possibility (%)	Limit (%)
802.11ax-HET20	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
802.11ax-HE80	5	6145	6110	1	1	1	1	1	1	1	1	1	1	100	90
			6145	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
	6	6465	6430	1	1	1	1	1	1	1	1	1	1	100	90
			6465	1	1	1	1	1	1	1	1	1	1	100	90
			6500	1	1	1	1	1	1	1	1	1	1	100	90
	7	6705	6670	1	1	1	1	1	1	1	1	1	1	100	90
			6705	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
	8	6945	6910	1	1	1	1	1	1	1	1	1	1	100	90
			6945	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)

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For Client Function

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

Mode	U-NII Band	EUT Frequency (MHz)	AWGN Frequency (MHz)	Injected AWGN Power (dBm)	Antenna Gain (Include path loss) (dBi) *Note1	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11ax-HE20	5	6135	6135	-72.54	4.52	-77.06	-62	OFF
			6135	-76.54	4.52	-81.06	N/A	Minimum
			6135	-78.54	4.52	-83.06	N/A	ON
	6	6455	6455	-74.63	4.52	-79.15	-62	OFF
			6455	-76.63	4.52	-81.15	N/A	Minimum
			6455	-78.63	4.52	-83.15	N/A	ON
	7	6695	6695	-73.72	4.52	-78.24	-62	OFF
			6695	-77.72	4.52	-82.24	N/A	Minimum
			6695	-79.72	4.52	-84.24	N/A	ON
	8	7015	7015	-74.56	4.52	-79.08	-62	OFF
			7015	-77.56	4.52	-82.08	N/A	Minimum
			7015	-79.56	4.52	-84.08	N/A	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
802.11ax-HE80	5	6415	6110	-71.43	4.52	-75.95	-62	OFF
			6110	-79.43	4.52	-83.95	N/A	Minimum
			6110	-81.43	4.52	-85.95	N/A	ON
			6145	-73.43	4.52	-77.95	-62	OFF
			6145	-77.43	4.52	-81.95	N/A	Minimum
			6145	-78.43	4.52	-82.95	N/A	ON
			6180	-75.19	4.52	-79.71	-62	OFF
			6180	-79.19	4.52	-83.71	N/A	Minimum
			6180	-81.19	4.52	-85.71	N/A	ON
	6	6465	6430	-73.01	4.52	-77.53	-62	OFF
			6430	-80.01	4.52	-84.53	N/A	Minimum
			6430	-81.01	4.52	-85.53	N/A	ON
			6465	-75.32	4.52	-79.84	-62	OFF
			6465	-80.32	4.52	-84.84	N/A	Minimum
			6465	-82.32	4.52	-86.84	N/A	ON
			6500	-74.08	4.52	-78.60	-62	OFF
			6500	-80.08	4.52	-84.60	N/A	Minimum
			6500	-82.08	4.52	-86.60	N/A	ON
	7	6705	6670	-68.50	4.52	-73.02	-62	OFF
			6670	-79.50	4.52	-84.02	N/A	Minimum
			6670	-81.50	4.52	-86.02	N/A	ON
			6705	-72.74	4.52	-77.26	-62	OFF
			6705	-76.74	4.52	-81.26	N/A	Minimum
			6705	-78.74	4.52	-83.26	N/A	ON
			6740	-73.27	4.52	-77.79	-62	OFF
			6740	-79.27	4.52	-83.79	N/A	Minimum
			6740	-81.27	4.52	-85.79	N/A	ON
	8	6945	6910	-72.85	4.52	-77.37	-62	OFF
			6910	-79.85	4.52	-84.37	N/A	Minimum
			6910	-80.85	4.52	-85.37	N/A	ON
			6945	-71.80	4.52	-76.32	-62	OFF
			6945	-81.80	4.52	-86.32	N/A	Minimum
			6945	-83.80	4.52	-88.32	N/A	ON
			6980	-75.17	4.52	-79.69	-62	OFF
			6980	-80.17	4.52	-84.69	N/A	Minimum
			6980	-82.17	4.52	-86.69	N/A	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

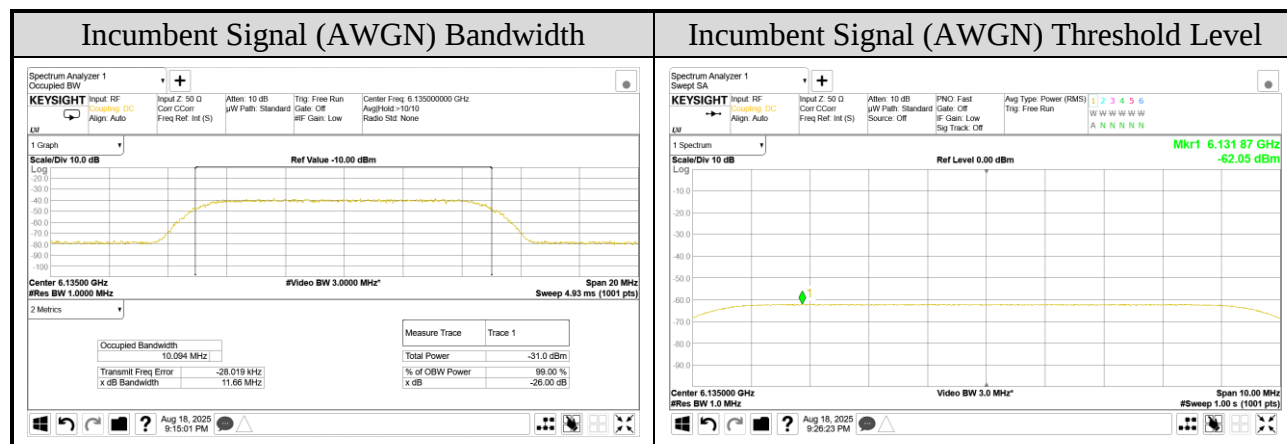
Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Possibility (%)	Limit (%)
802.11ax-HET20	5	6135	6135	1	1	1	1	1	1	1	1	1	1	100	90
	6	6455	6455	1	1	1	1	1	1	1	1	1	1	100	90
	7	6695	6695	1	1	1	1	1	1	1	1	1	1	100	90
	8	7015	7015	1	1	1	1	1	1	1	1	1	1	100	90
802.11ax-HE80	5	6145	6110	1	1	1	1	1	1	1	1	1	1	100	90
			6145	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
	6	6465	6430	1	1	1	1	1	1	1	1	1	1	100	90
			6465	1	1	1	1	1	1	1	1	1	1	100	90
			6500	1	1	1	1	1	1	1	1	1	1	100	90
	7	6705	6670	1	1	1	1	1	1	1	1	1	1	100	90
			6705	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
	8	6945	6910	1	1	1	1	1	1	1	1	1	1	100	90
			6945	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)

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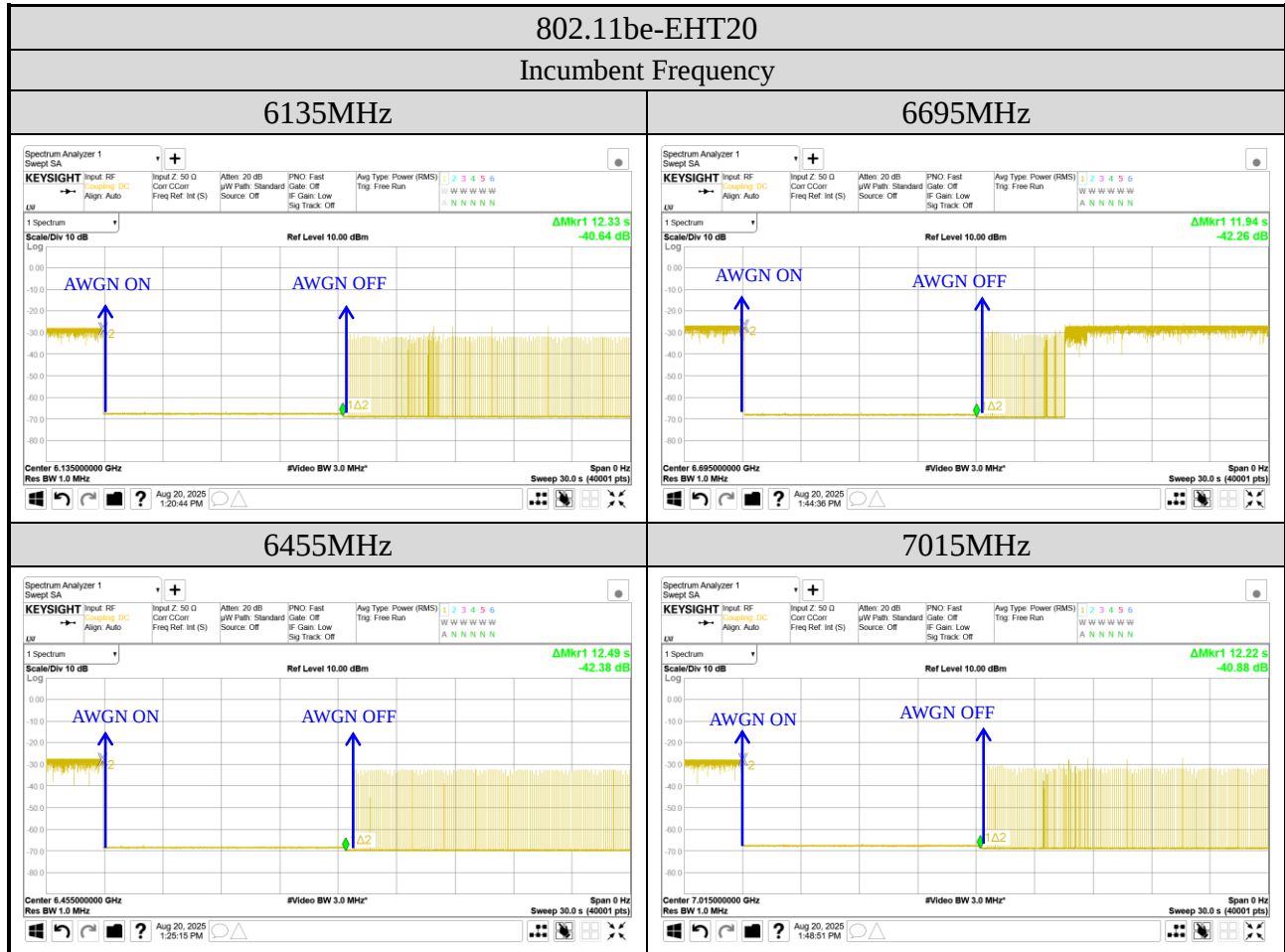
A.8.2 Measurement Plots



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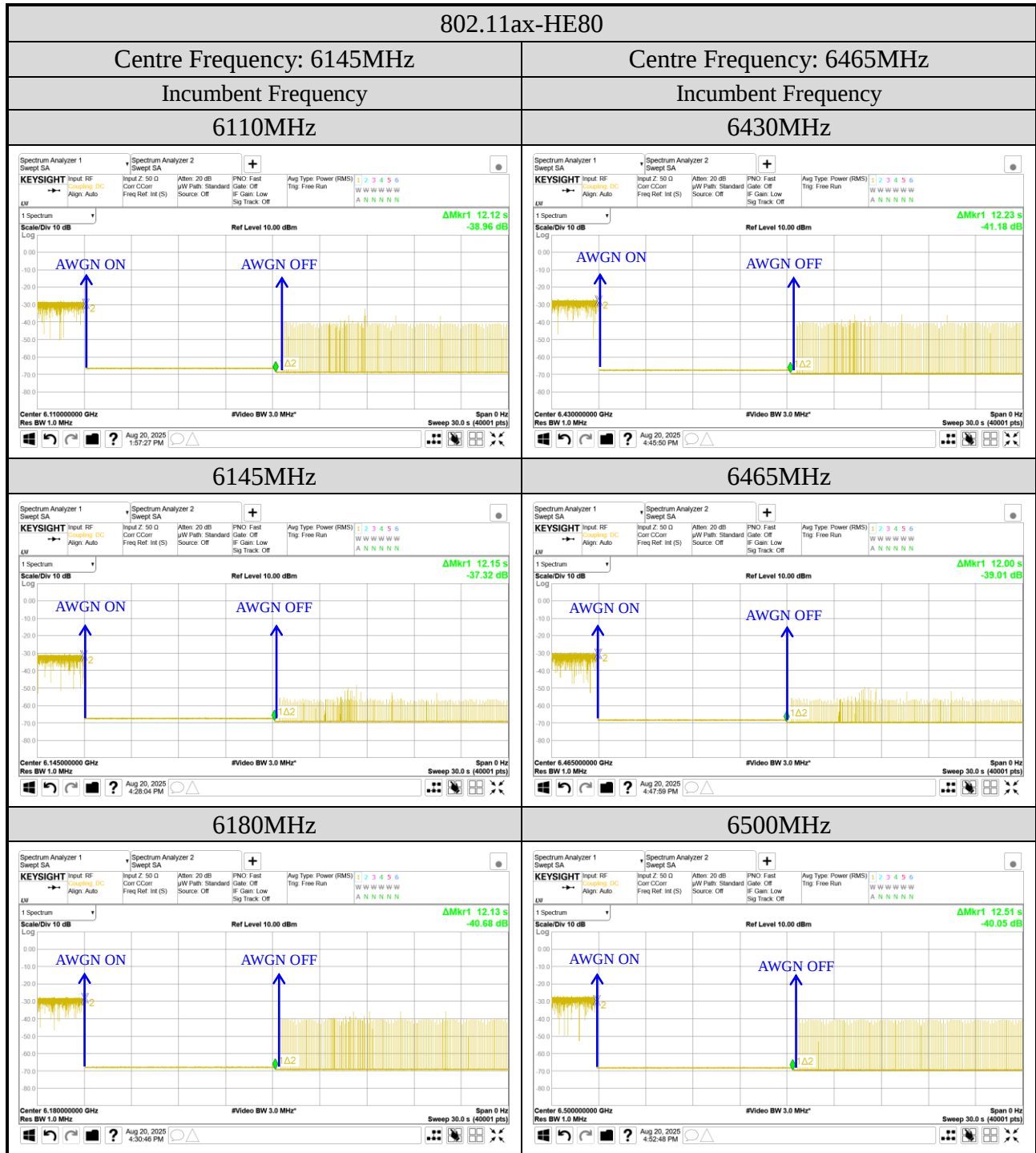
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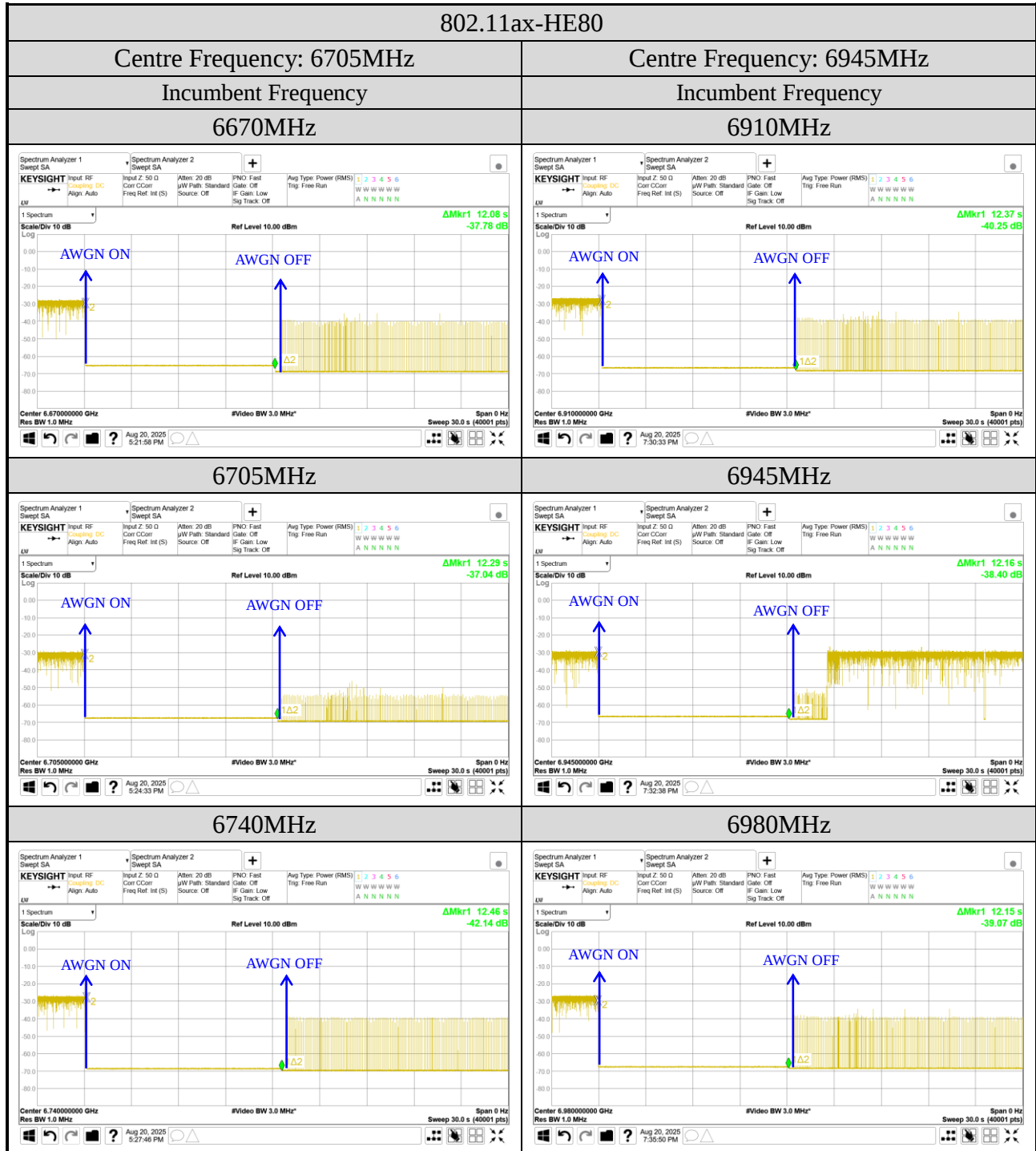
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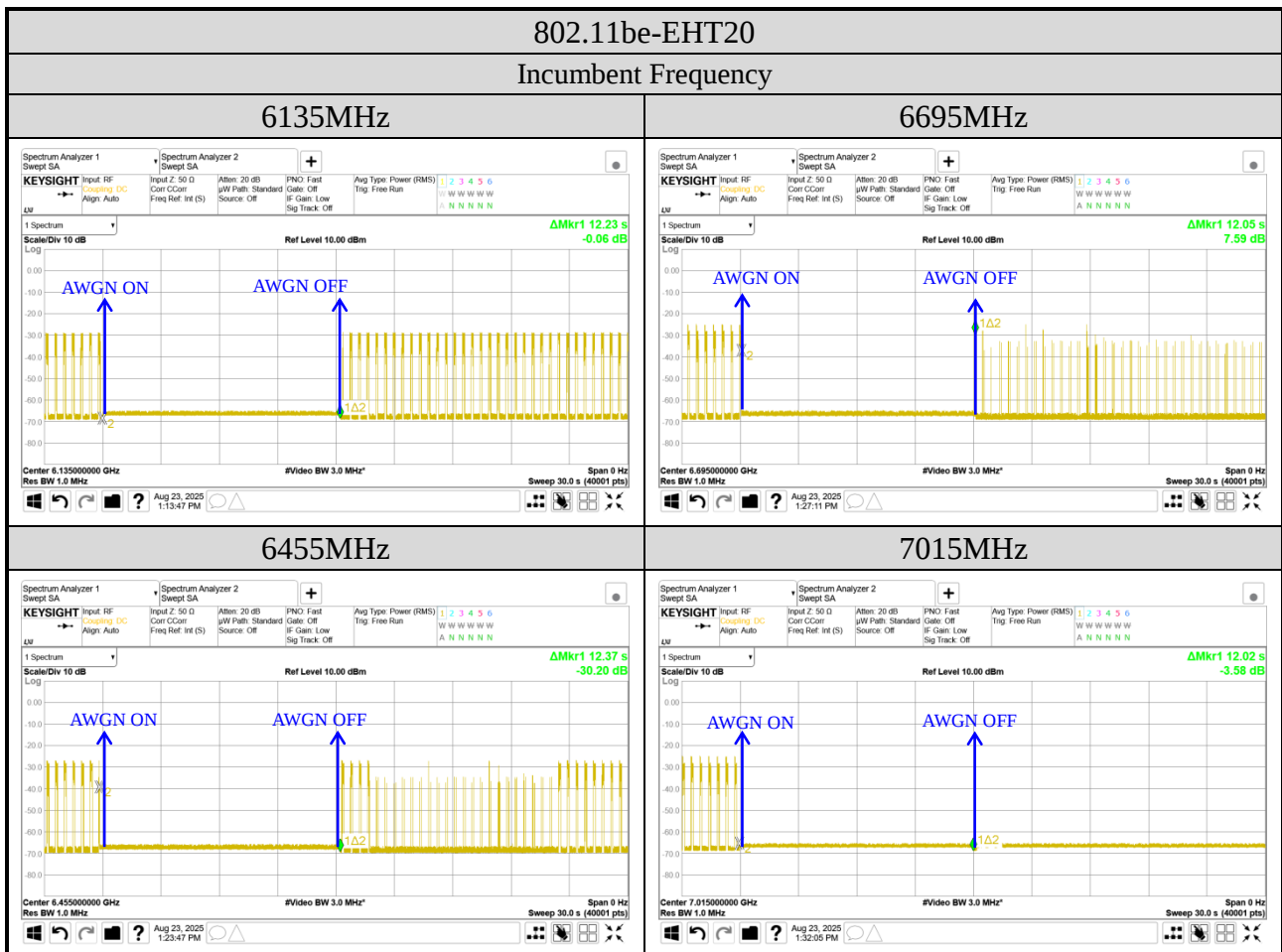
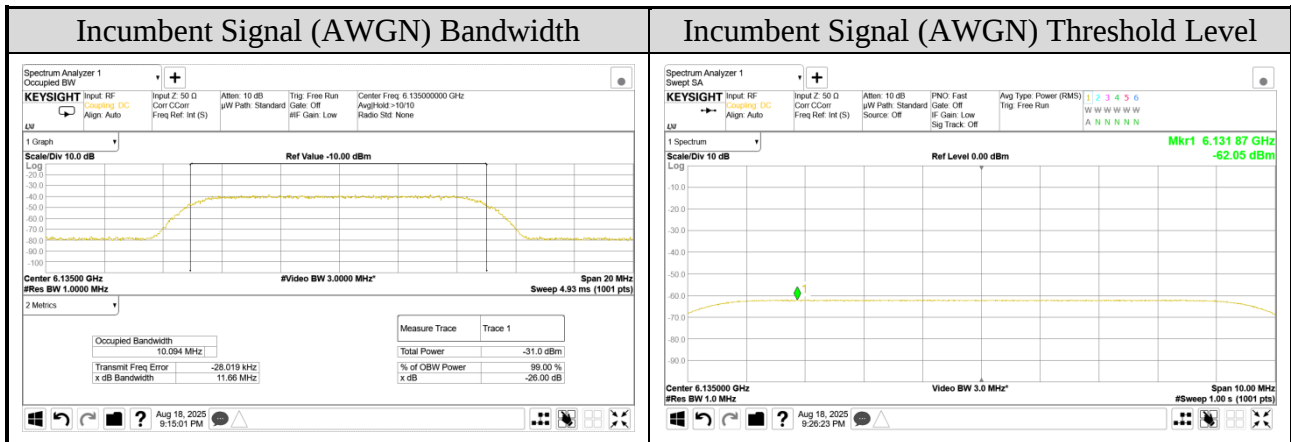
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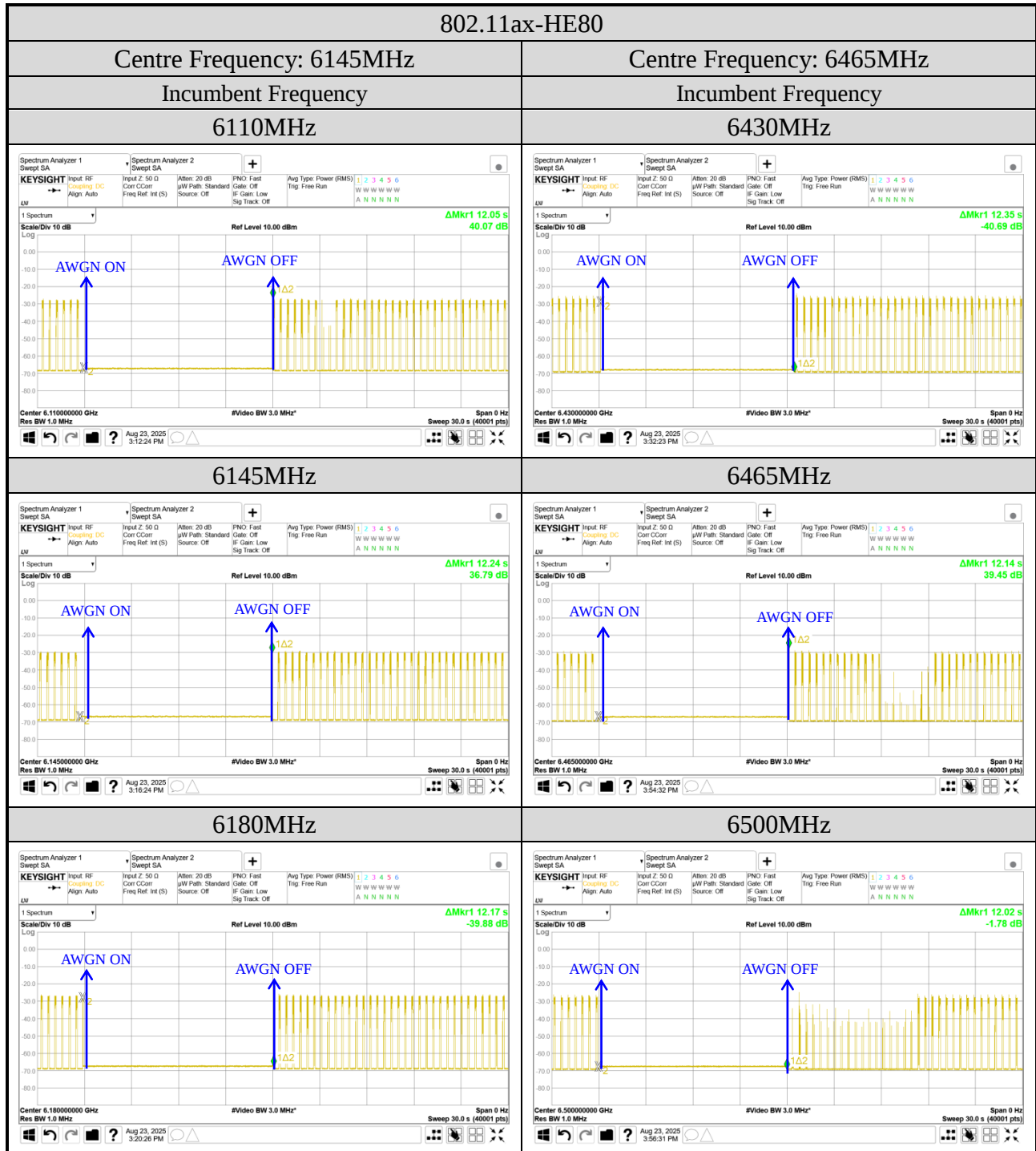
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