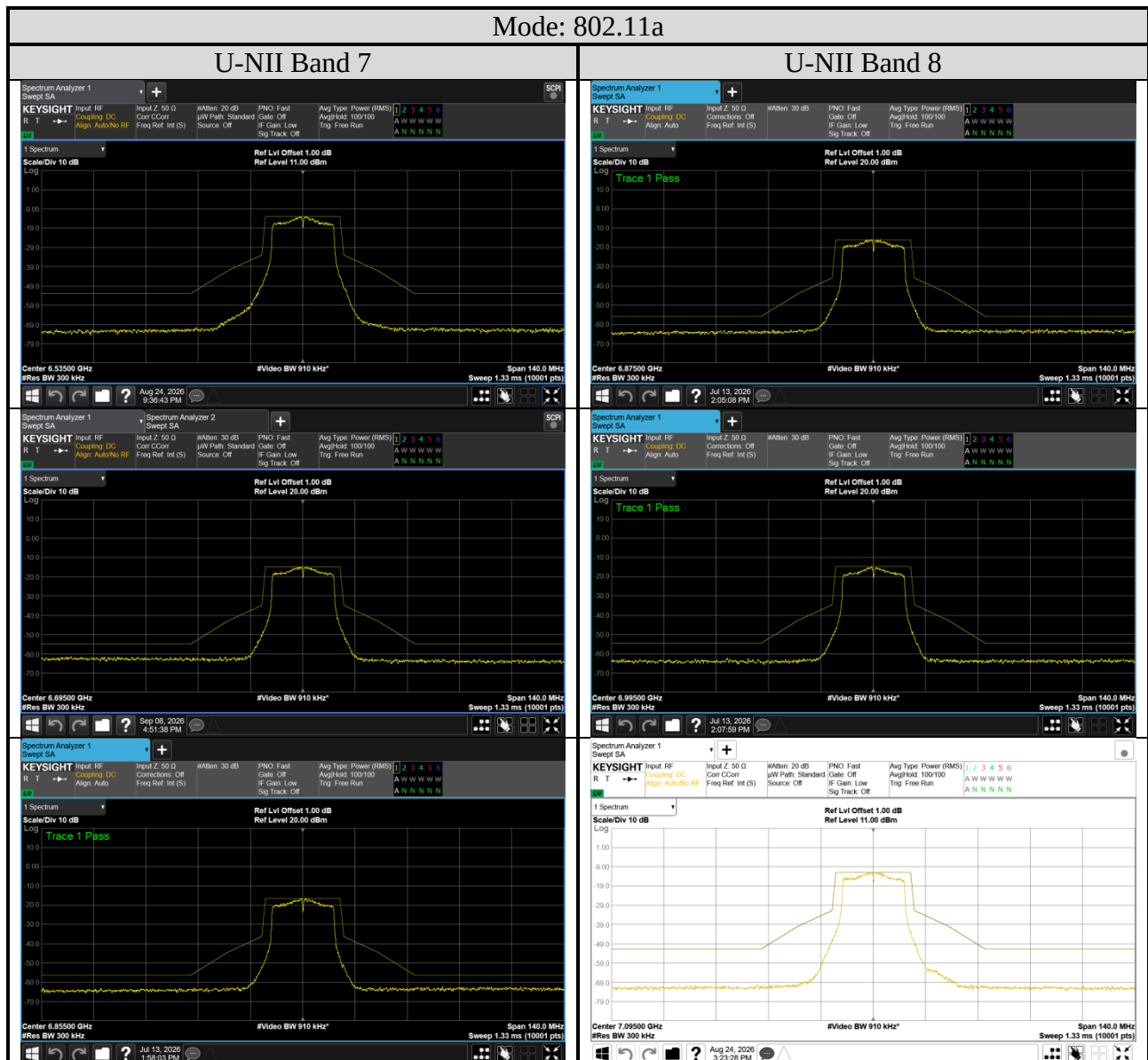
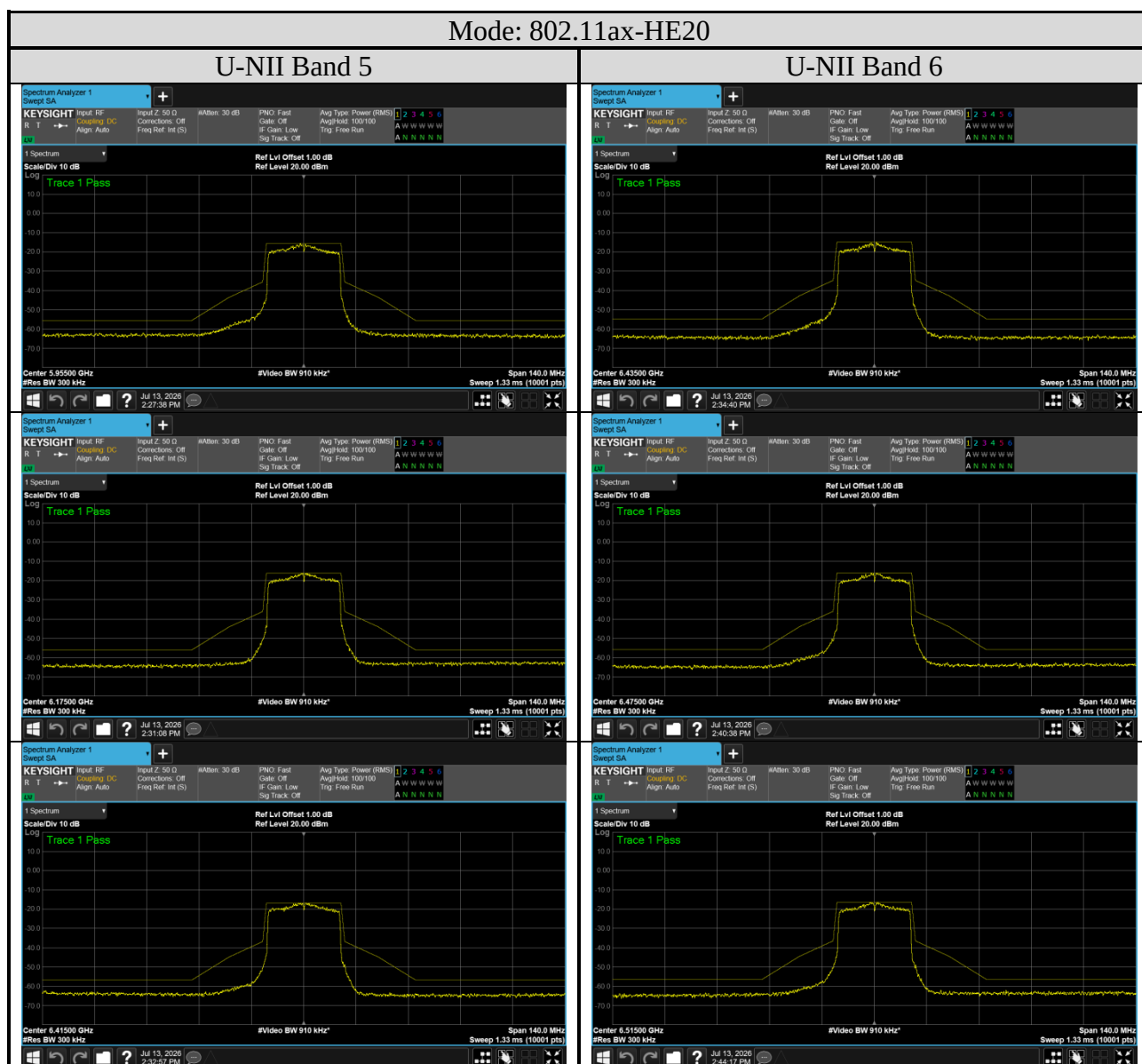


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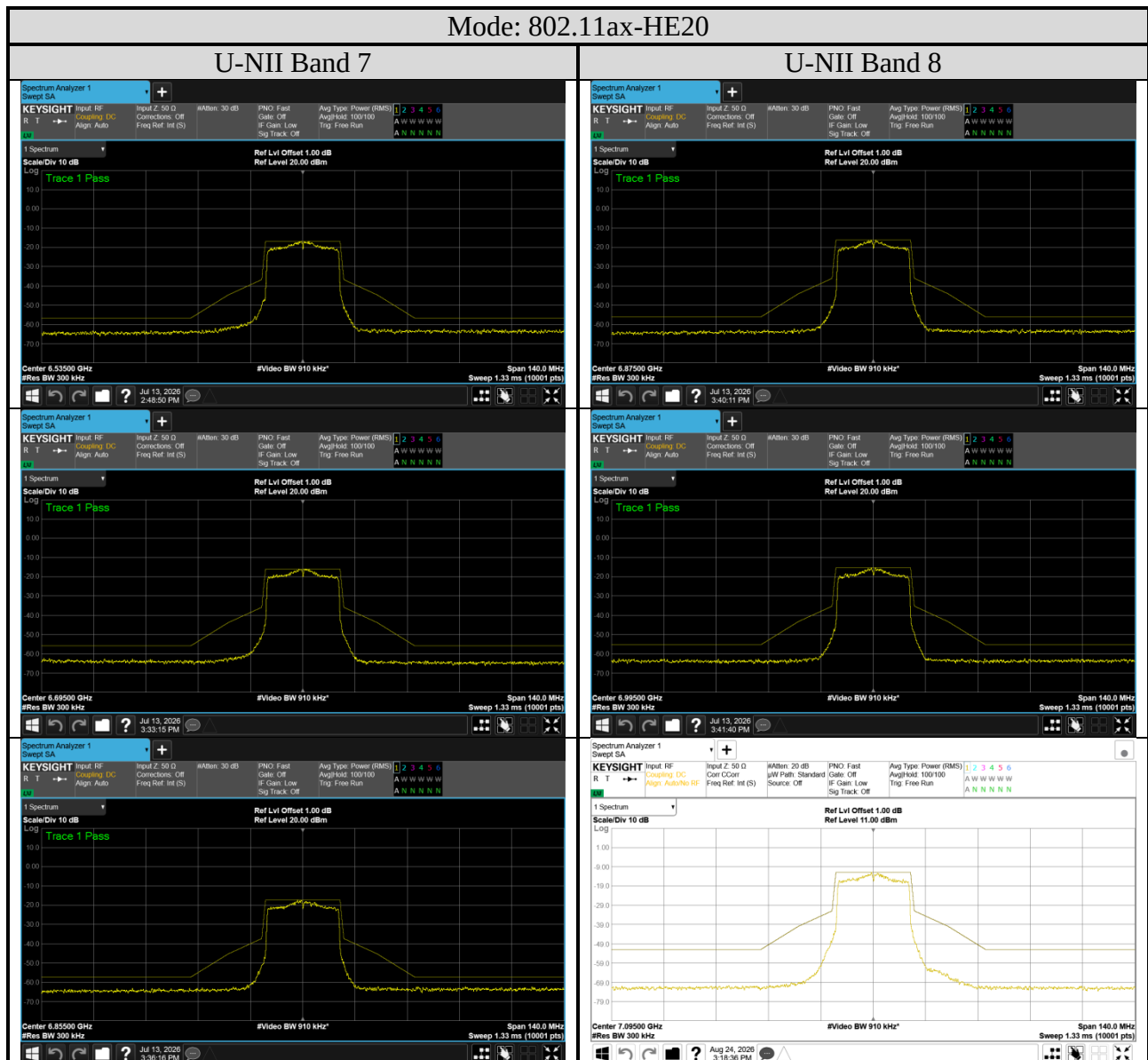
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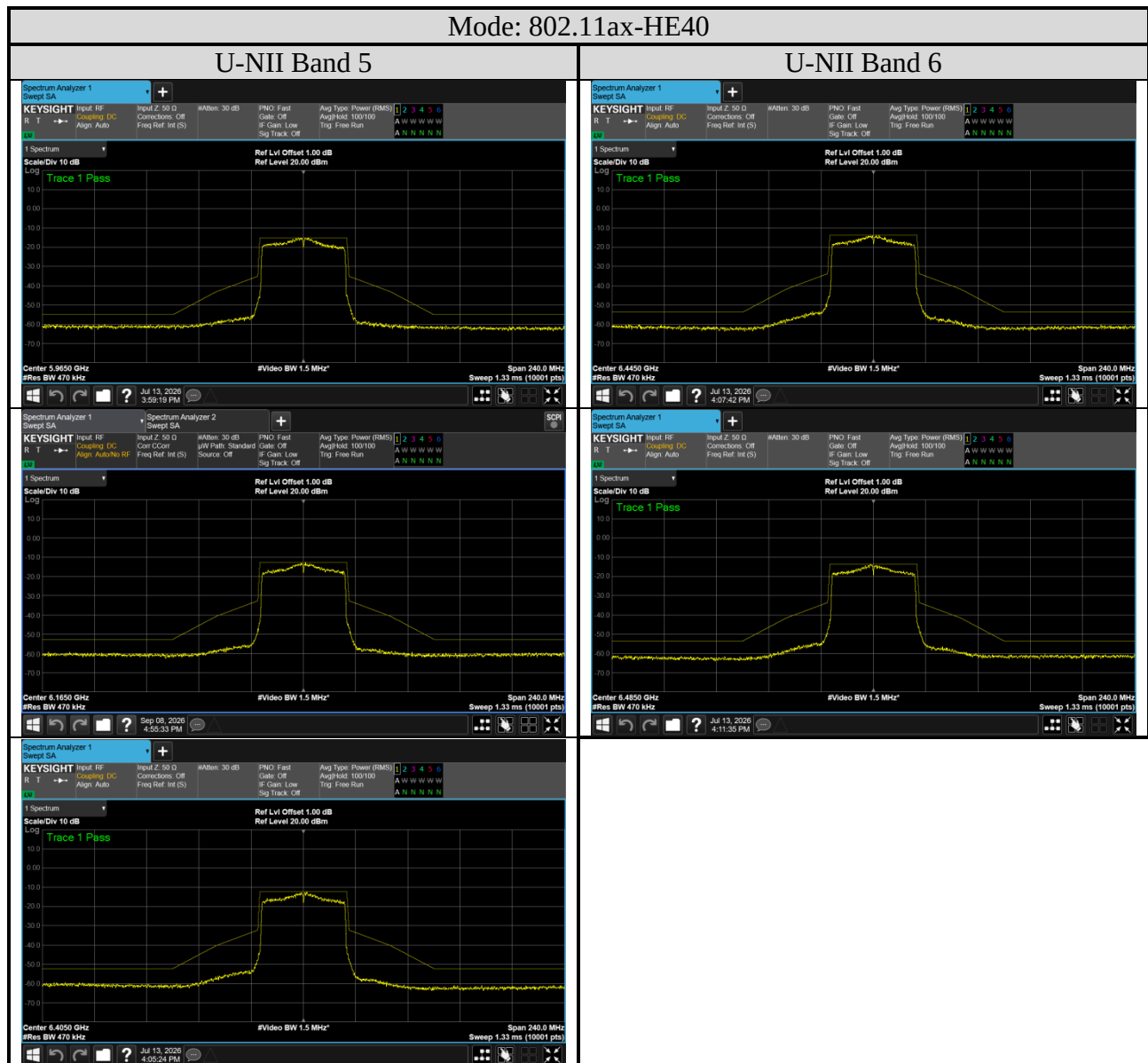




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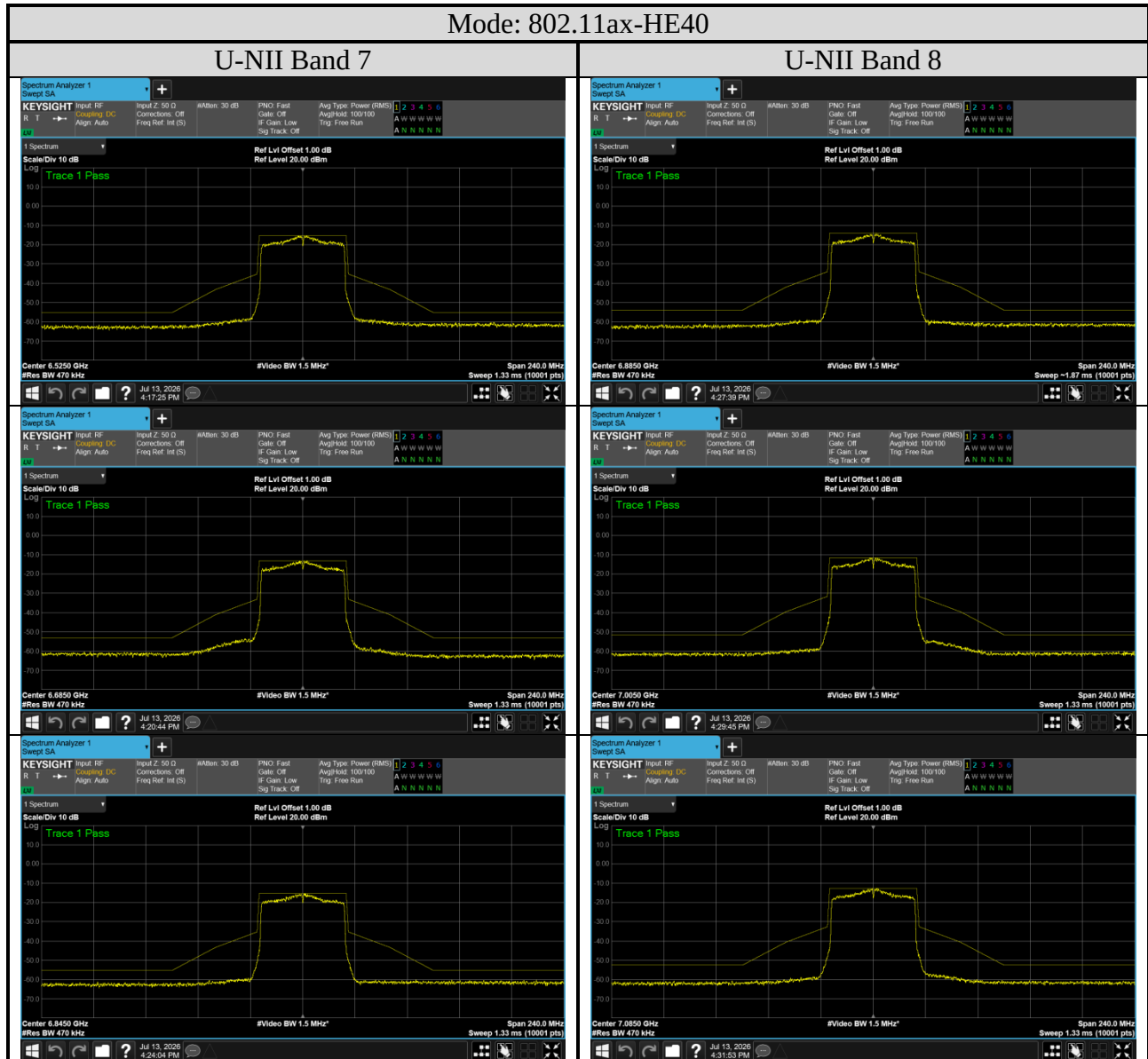
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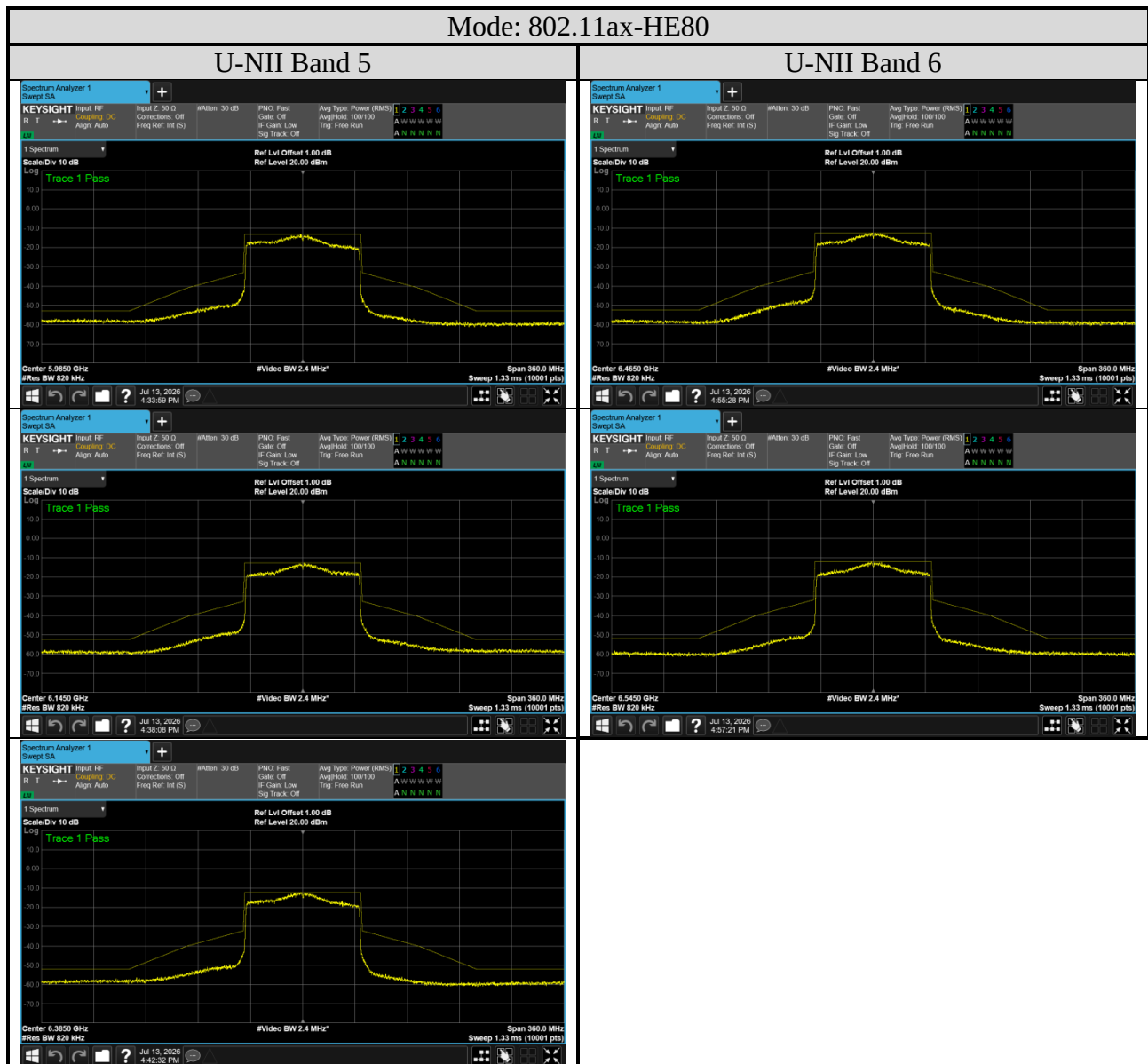


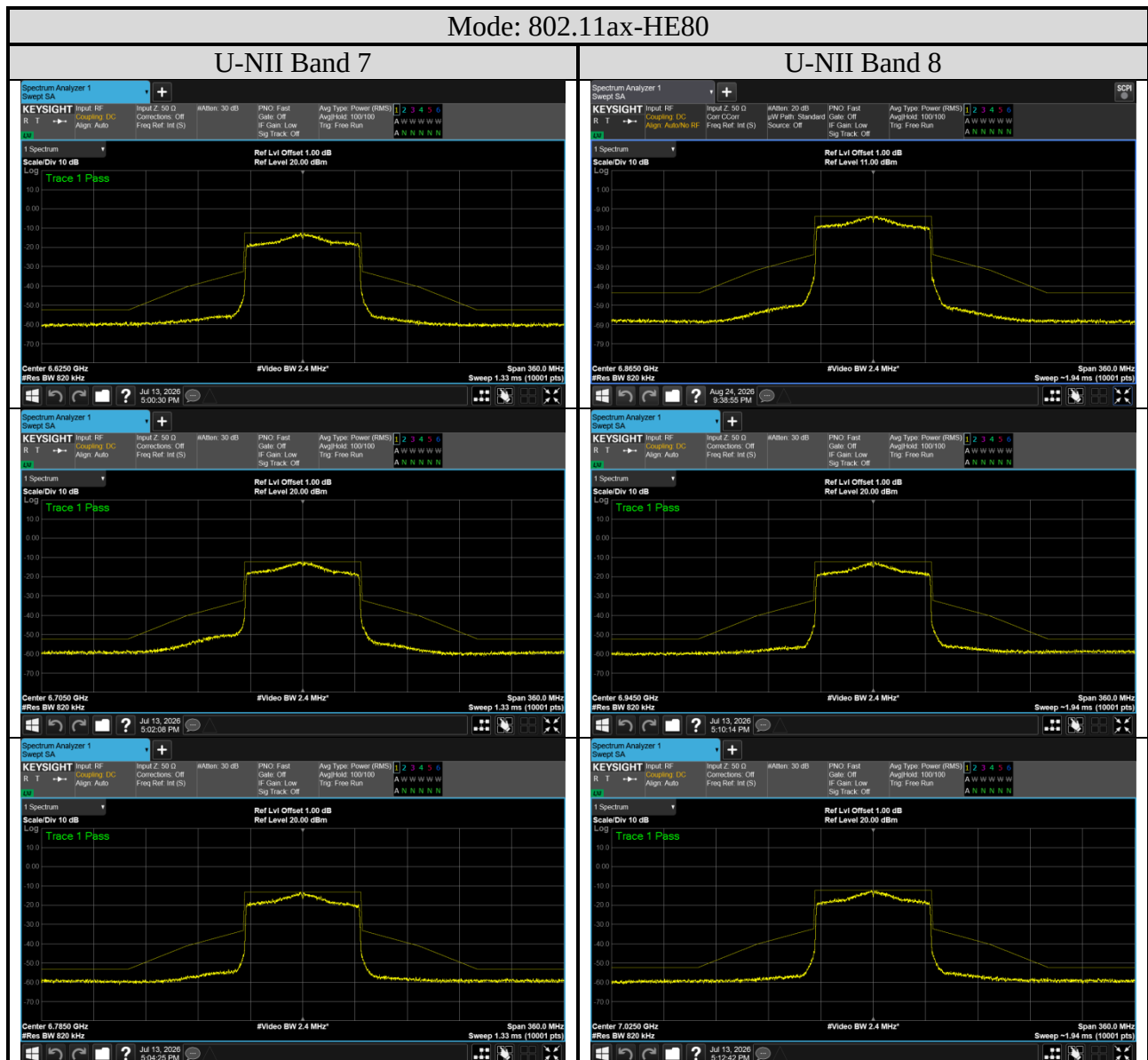


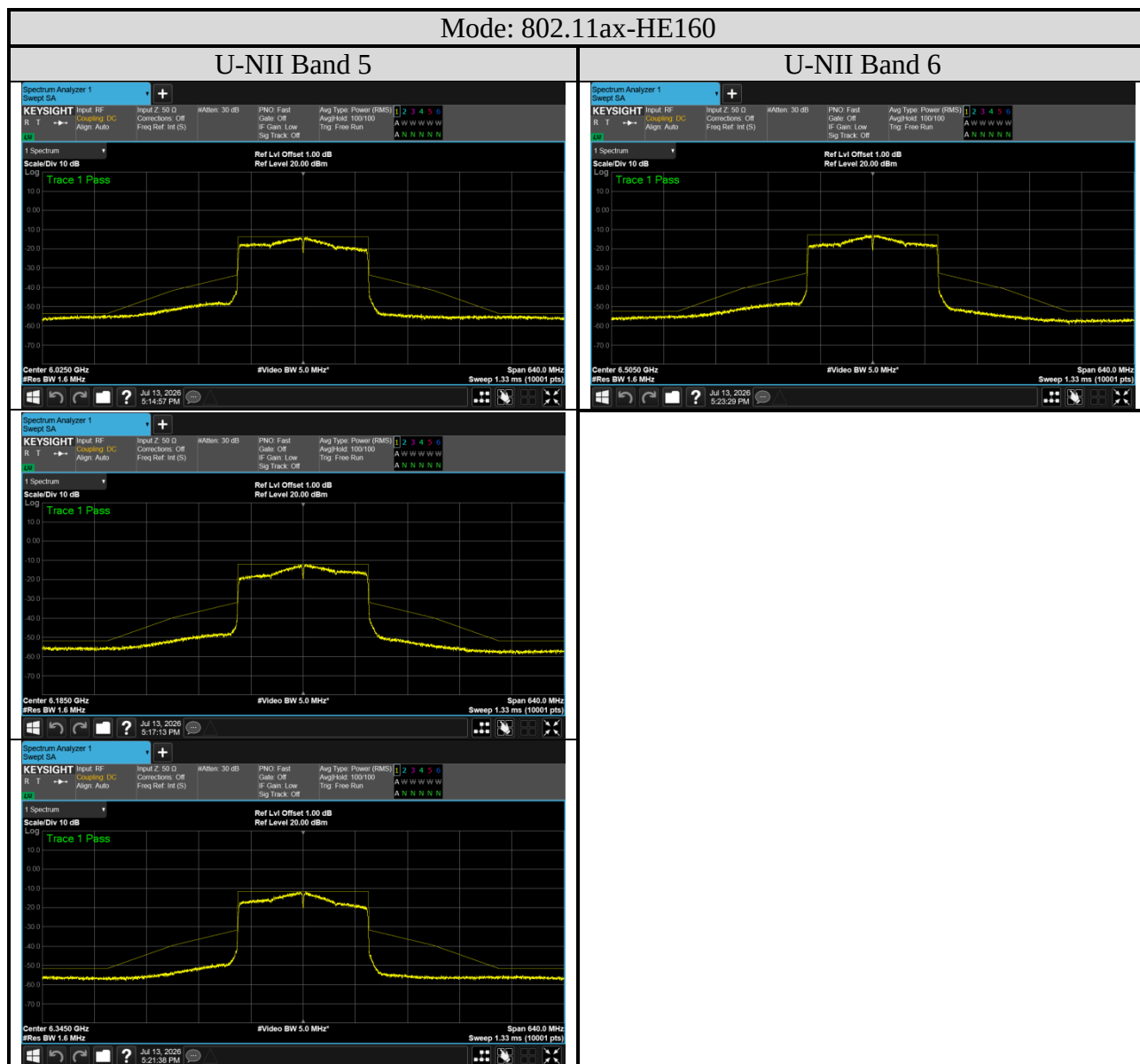
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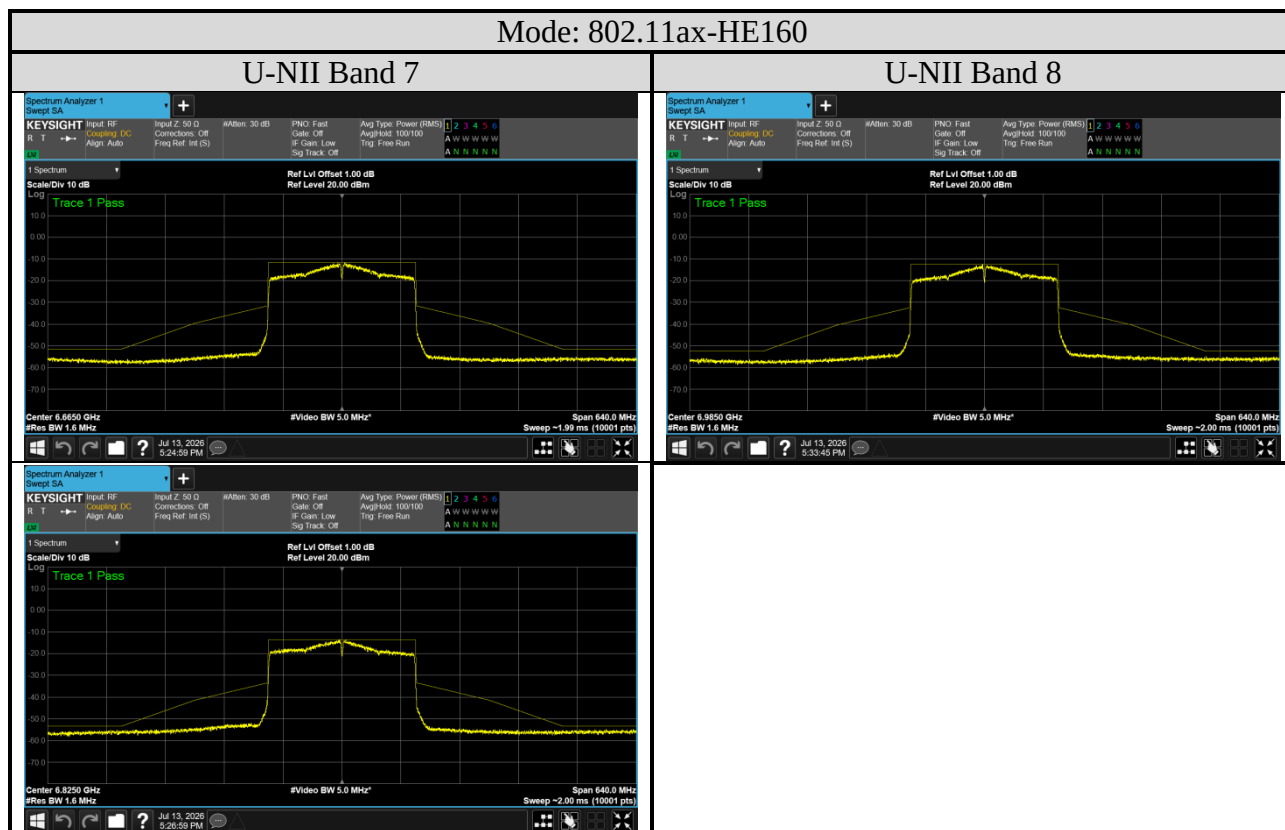
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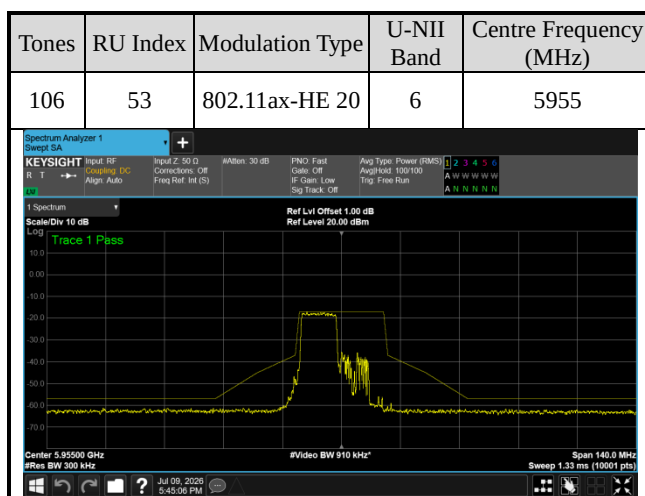
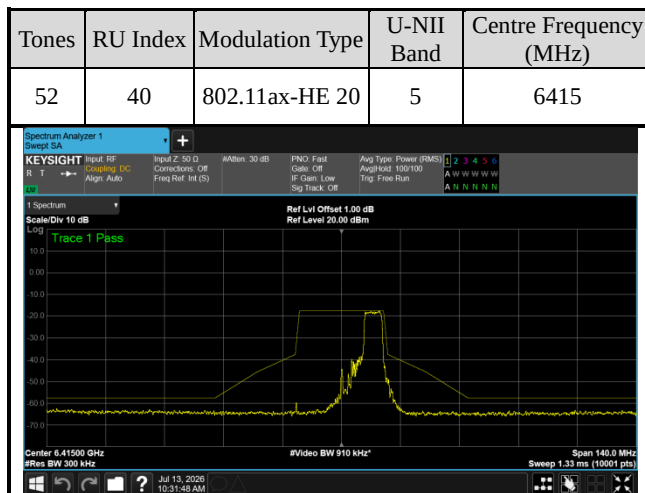
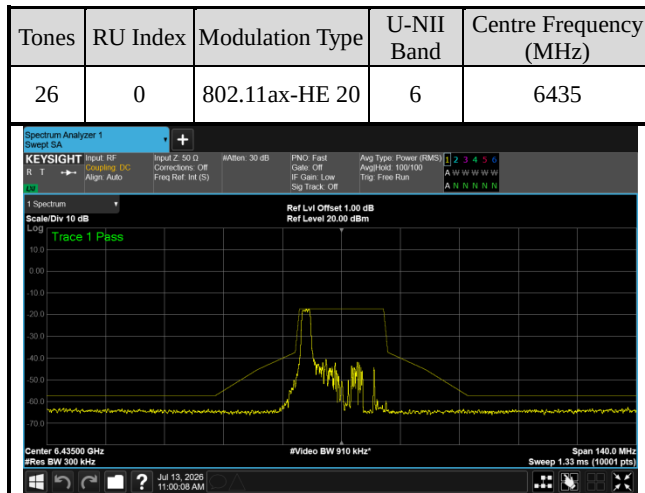




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● OFDMA Modulation



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A.8 CONTENTION BASED PROTOCOL

Test Date	2026/07/16 ~ 24	Temp./Hum.	23°C /49 ~ 51%
Cable Loss	1.00dB	Tested By	Sean Wang
Test Voltage	DC 3.8V (Via Battery)		

A.8.1 Contention-based Protocol

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

Modulation Type	U-NII Band	Channel Number	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	37	6135	6135	-71.8	0.22	-72.02	-62	OFF
			6135	6135	-79.8	0.22	-80.02	-62	Minimum
			6135	6135	-84.8	0.22	-85.02	-62	ON
			6455	6455	-70.5	0.22	-70.72	-62	OFF
			6455	6455	-80.5	0.22	-80.72	-62	Minimum
			6455	6455	-81.5	0.22	-81.72	-62	ON
			6695	6695	-71.9	0.22	-72.12	-62	OFF
			6695	6695	-79.9	0.22	-80.12	-62	Minimum
			6695	6695	-81.9	0.22	-82.12	-62	ON
			7015	7015	-72	0.22	-72.22	-62	OFF
802.11ax-HE160	5	47	6185	6110	-67.3	0.22	-67.52	-62	OFF
				6110	-68.3	0.22	-68.52	-62	Minimum
				6110	-71.3	0.22	-71.52	-62	ON
				6185	-64.7	0.22	-64.92	-62	OFF
				6185	-66.7	0.22	-66.92	-62	Minimum
				6185	-68.7	0.22	-68.92	-62	ON
				6260	-71.2	0.22	-71.42	-62	OFF
				6260	-71.2	0.22	-71.42	-62	Minimum
				6260	-75.2	0.22	-75.42	-62	ON
				6430	-67.9	0.22	-68.12	-62	OFF
	6-7	111	6505	6430	-72.9	0.22	-73.12	-62	Minimum
				6430	-74.9	0.22	-75.12	-62	ON
				6505	-65.8	0.22	-66.02	-62	OFF
				6505	-69.8	0.22	-70.02	-62	Minimum
				6505	-71.8	0.22	-72.02	-62	ON
				6580	-68.8	0.22	-69.02	-62	OFF
				6580	-71.8	0.22	-72.02	-62	Minimum
				6580	-74.8	0.22	-75.02	-62	ON
				6590	-67	0.22	-67.22	-62	OFF
				6590	-69	0.22	-69.22	-62	Minimum
	7	143	6665	6590	-72	0.22	-72.22	-62	ON
				6665	-66.6	0.22	-66.82	-62	OFF
				6665	-68.6	0.22	-68.82	-62	Minimum
				6665	-71.6	0.22	-71.82	-62	ON
				6740	-68.9	0.22	-69.12	-62	OFF
				6740	-71.9	0.22	-72.12	-62	Minimum
				6740	-72.9	0.22	-73.12	-62	ON
				6910	-68	0.22	-68.22	-62	OFF
				6910	-70	0.22	-70.22	-62	Minimum
				6910	-71	0.22	-71.22	-62	ON
	8	207	6985	6985	-62.4	0.22	-62.62	-62	OFF
				6985	-65.4	0.22	-65.62	-62	Minimum
				6985	-66.4	0.22	-66.62	-62	ON
				7060	-69.7	0.22	-69.92	-62	OFF
				7060	-71.7	0.22	-71.92	-62	Minimum
				7060	-73.7	0.22	-73.92	-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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● Summary table

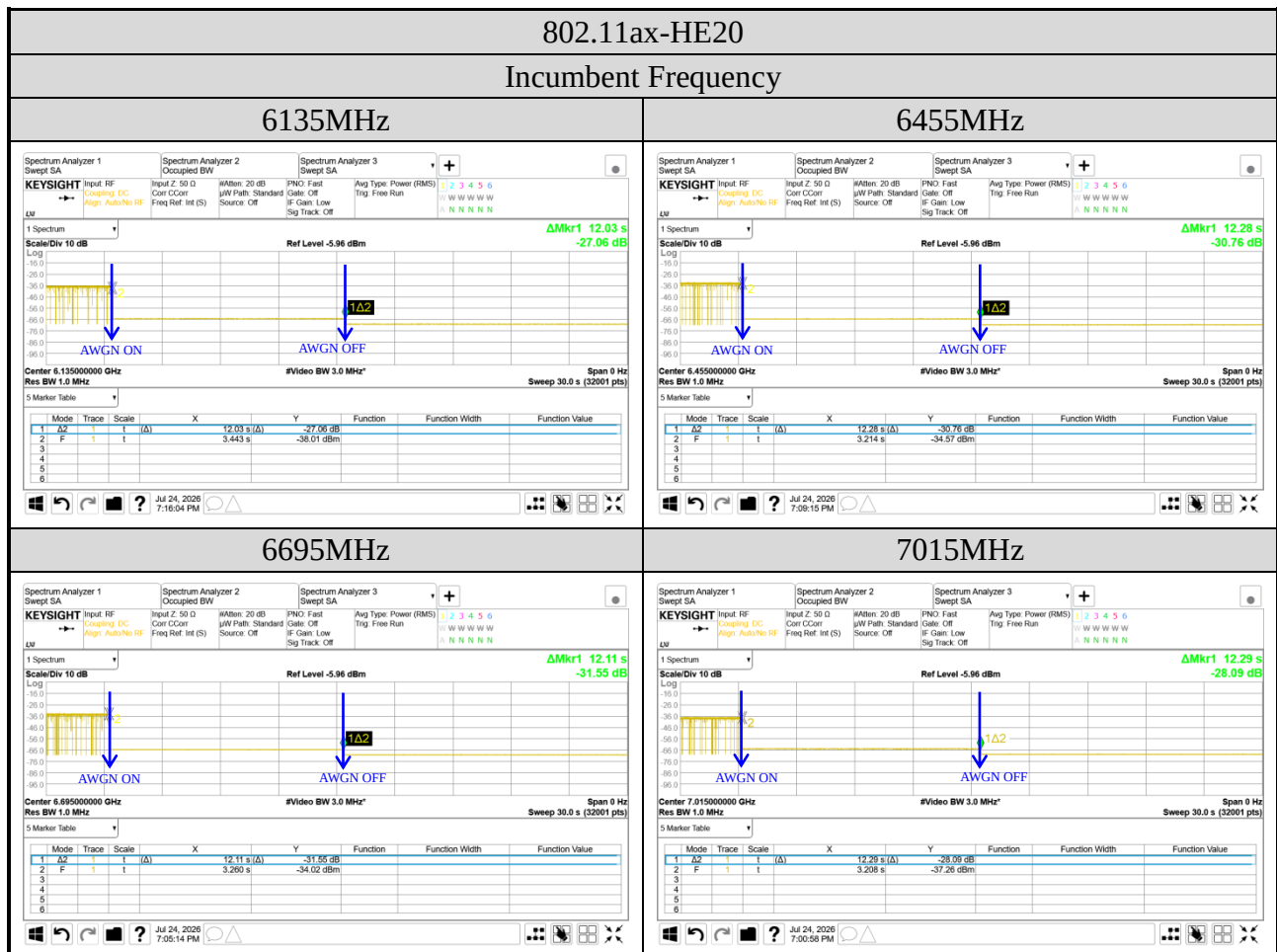
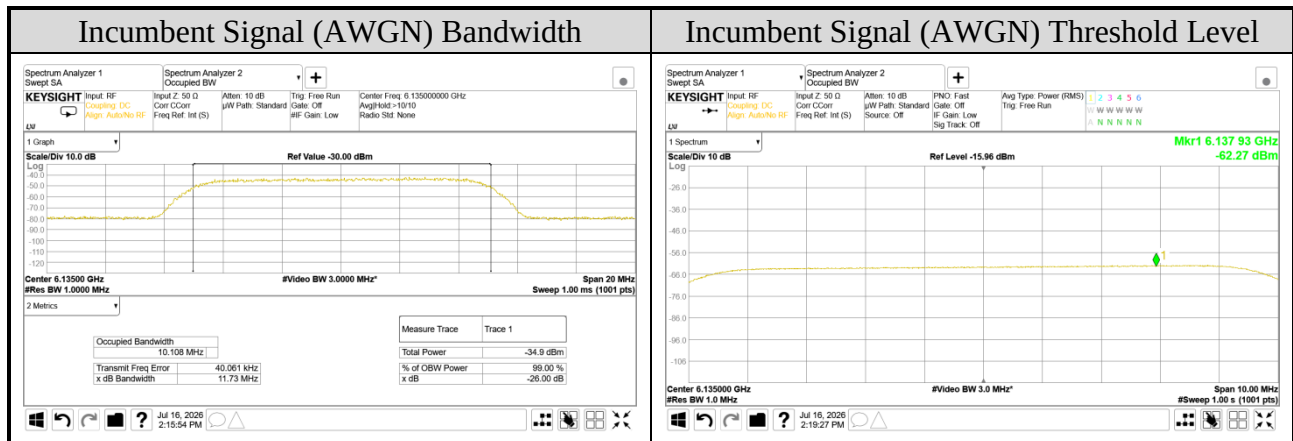
Modulation Type	U-NII Band	Channel Number	EUT Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Possibility (%)	Limit (%)
802.11ax-HE20	5	37	6135	6135	1	1	1	1	1	1	1	1	1	1	100	90
	6	101	6455	6455	1	1	1	1	1	1	1	1	1	1	100	90
	7	149	6695	6695	1	1	1	1	1	1	1	1	1	1	100	90
	8	213	7015	7015	1	1	1	1	1	1	1	1	1	1	100	90
802.11ax-HE160	5	47	6185	6110	1	1	1	1	1	1	1	1	1	1	100	90
				6185	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
	6-7	111	6505	6430	1	1	1	1	1	1	1	1	1	1	100	90
				6505	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	143	6665	6590	1	1	1	1	1	1	1	1	1	1	100	90
				6665	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	207	6985	6910	1	1	1	1	1	1	1	1	1	1	100	90
				6985	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)

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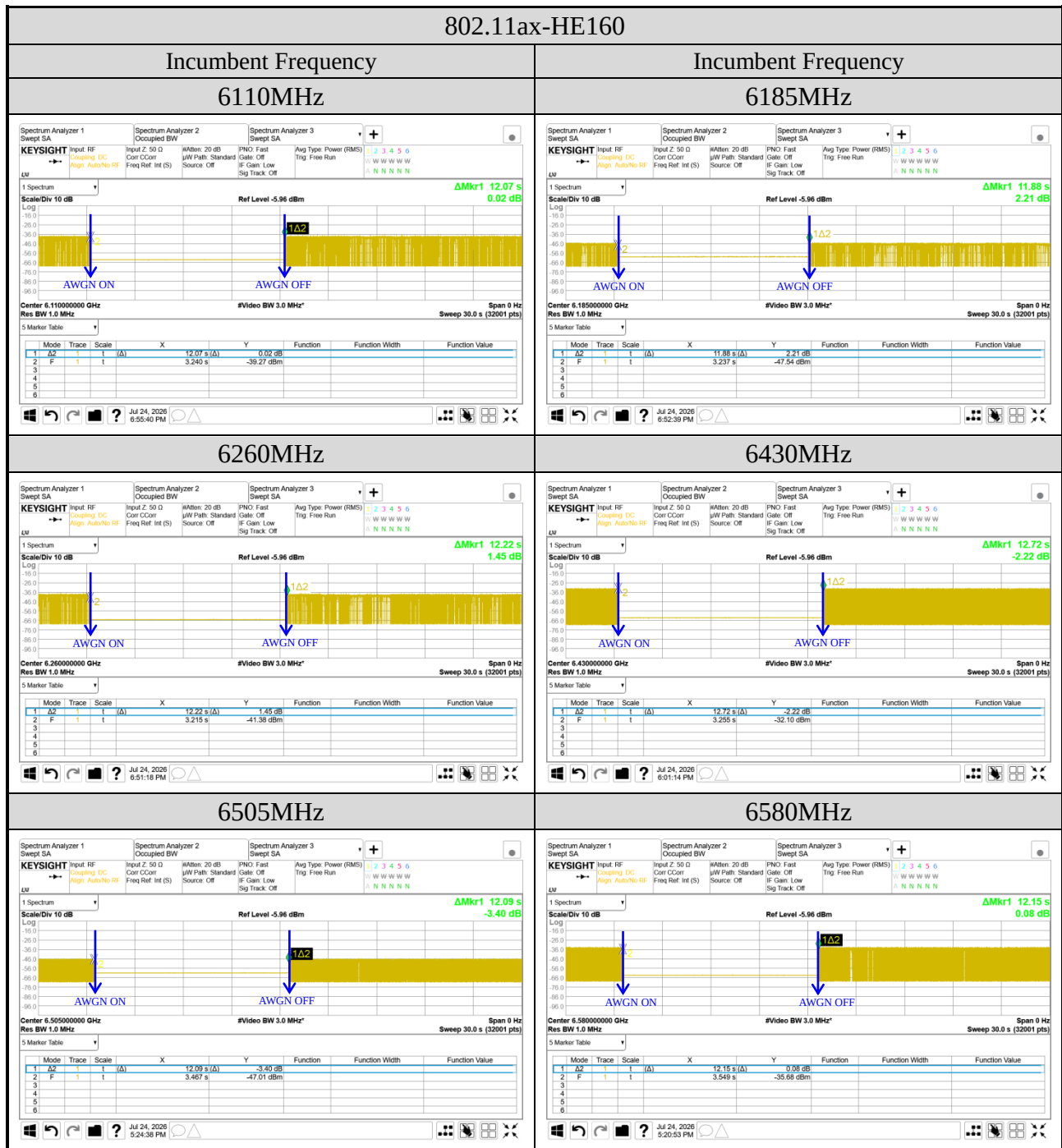
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A.8.2 Measurement Plots



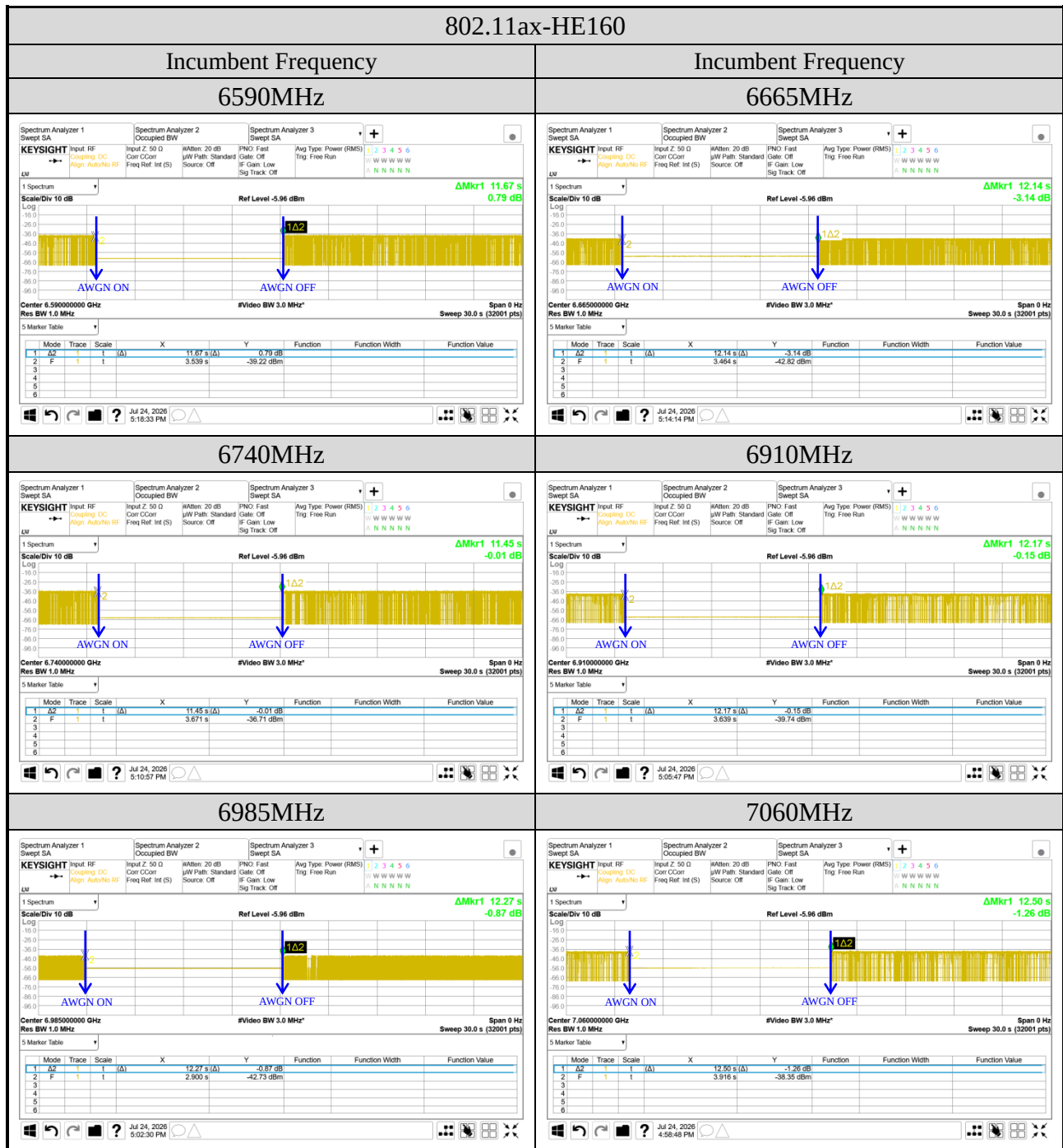
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A.9 FREQUENCY STABILITY

Test Date	2026/09/09	Temp./Hum.	22°C/55%
Test Voltage	120Vac / 102Vac / 138Vac	Tested By	Sean Wang

A.9.1 Frequency stability Result

Temperature (°C)	Voltage (Vac)	Centre Frequency (MHz)	Measurement Value (MHz)	Frequency Stability (ppm)
25	120	5955	5954.985	-2.519
-30	102	5955	5954.993	-1.175
	138	5955	5955.028	4.702
-20	102	5955	5954.986	-2.351
	138	5955	5954.977	-3.862
-10	102	5955	5954.98	-3.359
	138	5955	5954.994	-1.008
0	102	5955	5955.016	2.687
	138	5955	5954.975	-4.198
10	102	5955	5955.019	3.191
	138	5955	5955.018	3.023
20	102	5955	5955.026	4.366
	138	5955	5954.997	-0.504
30	102	5955	5954.983	-2.855
	138	5955	5955.024	4.030
40	102	5955	5955.006	1.008
	138	5955	5954.992	-1.343
50	102	5955	5955.015	2.519
	138	5955	5954.989	-1.847

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A.10 TRANSMITTER POWER CONTROL (TPC)

Test Date	2026/07/18	Temp./Hum.	25°C /49%
Test Voltage	DC 3.8V (Via Battery)	Tested By	Sam Chang

A.10.1 Transmitter power control (TPC)

Modulation Type	U-NII Band	Channel Number	EUT Frequency (MHz)	RSSI Level (dBm)	Attenuation	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	State
802.11ax-HE20	5	37	6135	-55	30	-18.367	1.42	-16.947	-11	5.947	Pass
	5	37	6135	-65	40	-16.596	1.42	-15.176	-5	10.176	Pass

A.10.2 Measurement Plots

