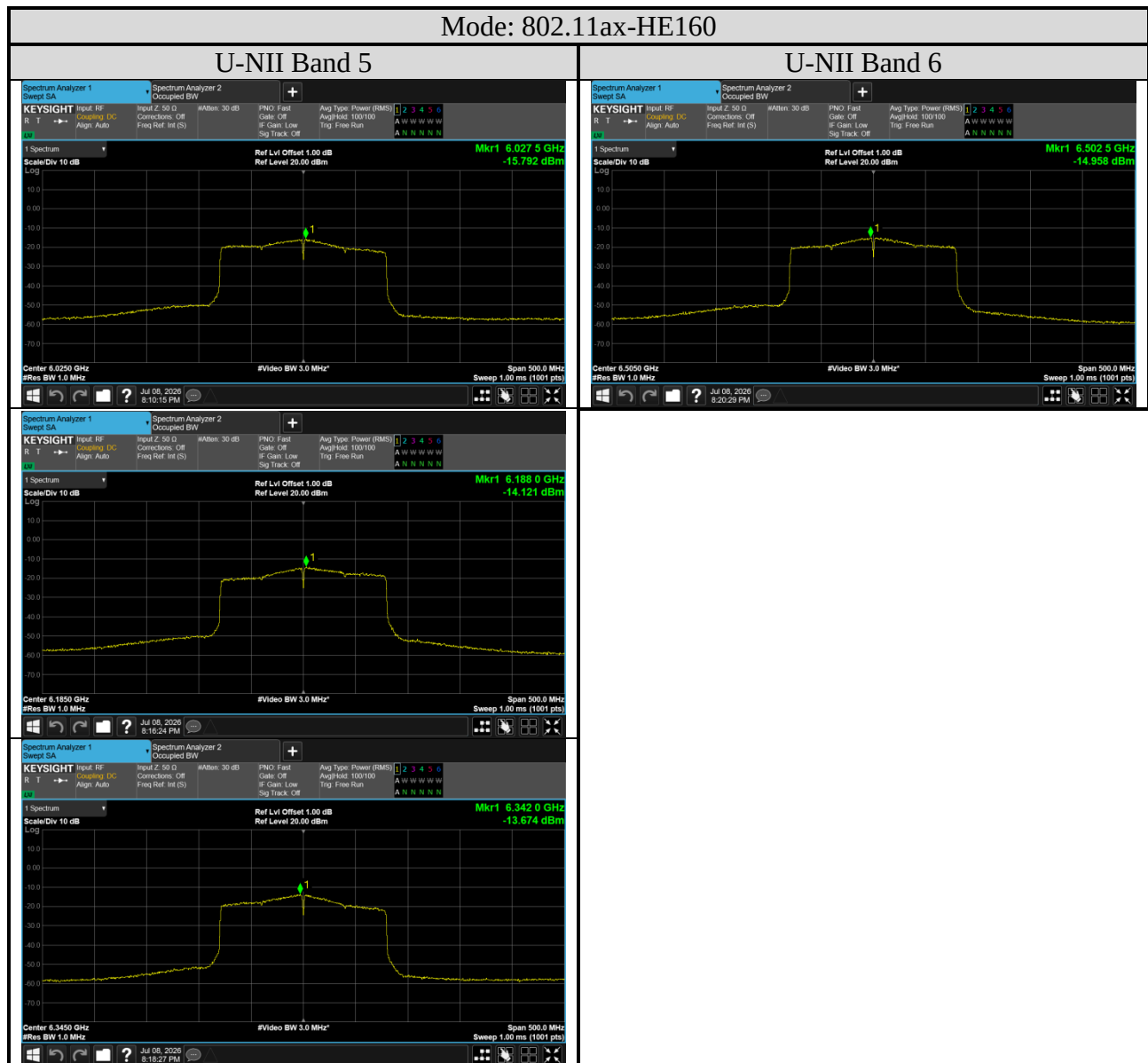


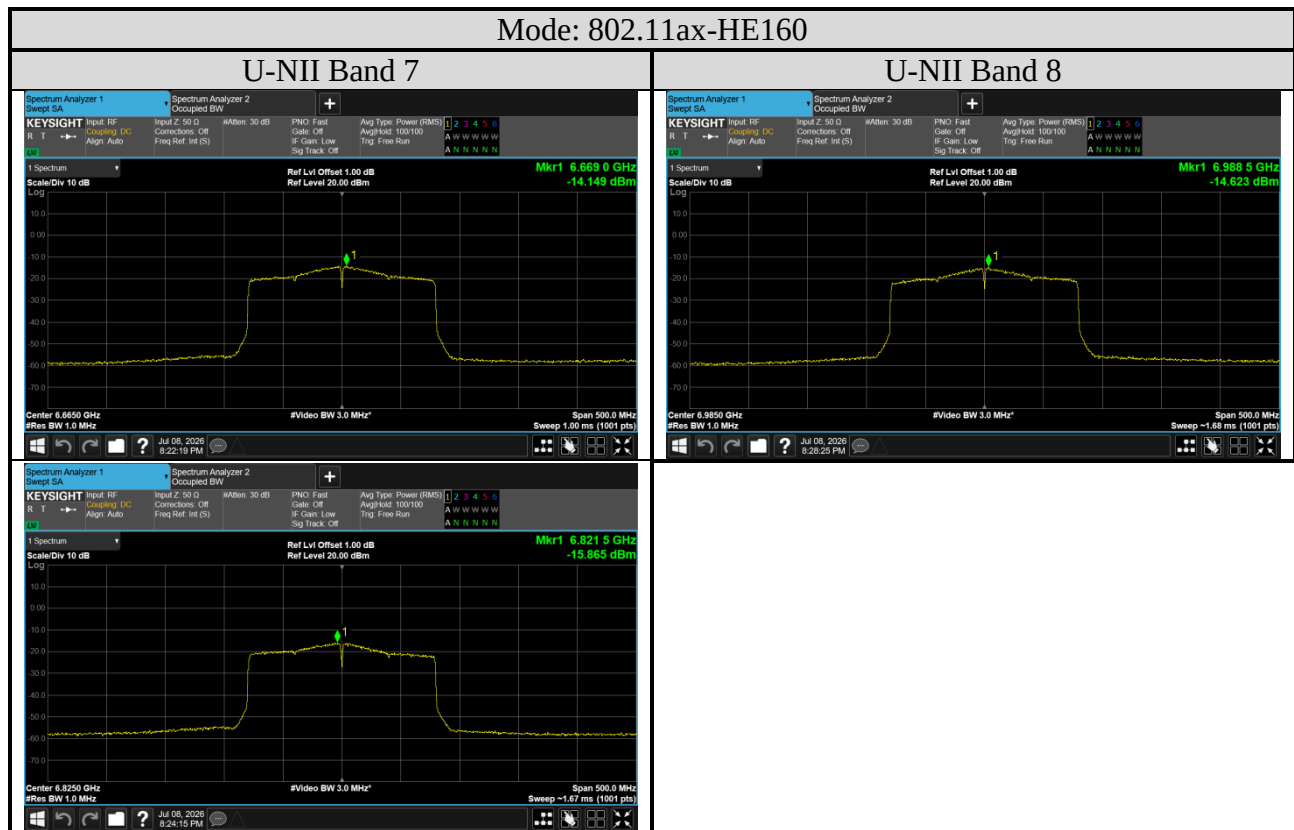
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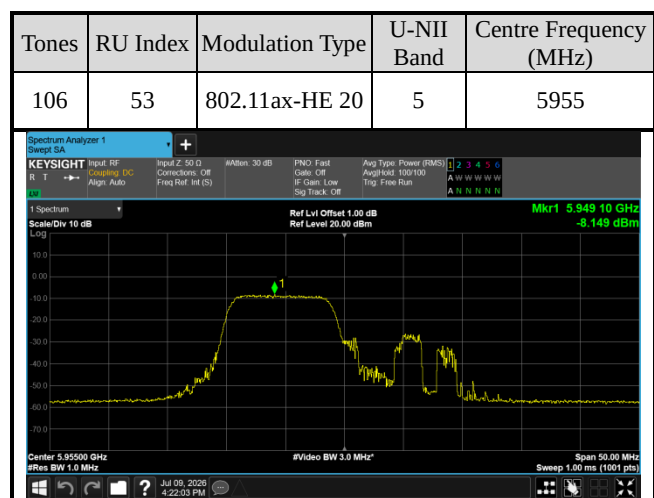
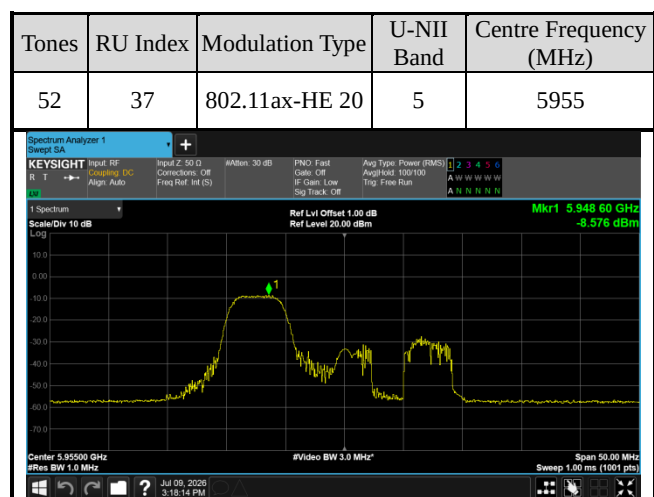
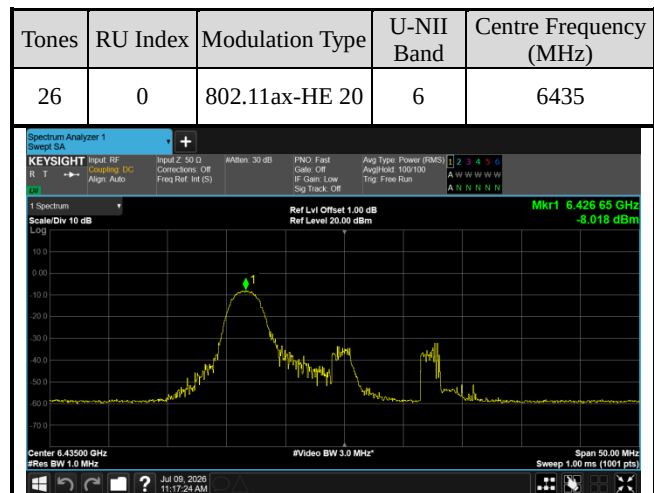
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● OFDMA Modulation



A.4 MAXIMUM CONDUCTED OUTPUT POWER

Test Date	2026/06/29 ~ 08/24	Temp./Hum.	23°C/45~58%
Cable Loss	1.00dB	Tested By	Sean Wang
Test Voltage	DC 3.8V (Via Battery)		

A.4.1 Conducted Output Power Result

● OFDM Modulation

Modulation Type 802.11a	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Antenna Gain (dBi)	Total E.I.R.P. Note 2 (dBm)	Limit (dBm)
U-NII Band 5	5955	5.15	N/A	1.42	6.57	24
	6175	5.09	N/A	1.42	6.51	
	6415	4.18	N/A	1.42	5.60	
U-NII Band 6	6435	6.25	N/A	0.98	7.23	
	6475	5.38	N/A	0.98	6.36	
	6515	4.83	N/A	0.98	5.81	
U-NII Band 7	6535	3.52	N/A	1.35	4.87	
	6695	4.52	N/A	1.35	5.87	
	6855	3.98	N/A	1.35	5.33	
U-NII Band 8	6875	3.86	N/A	0.22	4.08	
	6995	5.27	N/A	0.22	5.49	
	7095	5.12	N/A	0.22	5.34	

Modulation Type 802.11ax-HE20	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Antenna Gain (dBi)	Total E.I.R.P. Note 2 (dBm)	Limit (dBm)
U-NII Band 5	5955	5.07	N/A	1.42	6.49	24
	6175	4.98	N/A	1.42	6.40	
	6415	6.52	N/A	1.42	7.94	
U-NII Band 6	6435	6.17	N/A	0.98	7.15	
	6475	5.25	N/A	0.98	6.23	
	6515	4.68	N/A	0.98	5.66	
U-NII Band 7	6535	3.38	N/A	1.35	4.73	
	6695	5.28	N/A	1.35	6.63	
	6855	3.83	N/A	1.35	5.18	
U-NII Band 8	6875	3.67	N/A	0.22	3.89	
	6995	5.10	N/A	0.22	5.32	
	7095	5.02	N/A	0.22	5.24	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Average Coneduted Output Power (dBm)+ Antenna Gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

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Modulation Type 802.11ax-HE40	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Antenna Gain (dBi)	Total E.I.R.P. Note 2 (dBm)	Limit (dBm)
U-NII Band 5	5965	5.96	N/A	1.42	7.38	24
	6165	5.15	N/A	1.42	6.57	
	6405	6.93	N/A	1.42	8.35	
U-NII Band 6	6445	5.89	N/A	0.98	6.87	
	6485	5.37	N/A	0.98	6.35	
U-NII Band 7	6525	3.69	N/A	1.35	5.04	
	6685	5.33	N/A	1.35	6.68	
	6845	4.15	N/A	1.35	5.50	
U-NII Band 8	6885	3.57	N/A	0.22	3.79	
	7005	5.50	N/A	0.22	5.72	
	7085	4.71	N/A	0.22	4.93	

Modulation Type 802.11ax-HE80	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Antenna Gain (dBi)	Total E.I.R.P. Note 2 (dBm)	Limit (dBm)
U-NII Band 5	5985	5.56	N/A	1.42	6.98	24
	6145	5.78	N/A	1.42	7.20	
	6385	6.18	N/A	1.42	7.60	
U-NII Band 6	6465	6.07	N/A	0.98	7.05	
	6545	5.87	N/A	0.98	6.85	
U-NII Band 7	6625	4.80	N/A	1.35	6.15	
	6705	4.05	N/A	1.35	5.40	
	6785	4.67	N/A	1.35	6.02	
U-NII Band 8	6865	5.08	N/A	0.22	5.30	
	6945	4.74	N/A	0.22	4.96	
	7025	4.56	N/A	0.22	4.78	

Modulation Type 802.11ax-HE160	Centre Frequency (MHz)	Average Coneduted Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Antenna Gain (dBi)	Total E.I.R.P. Note 2 (dBm)	Limit (dBm)
U-NII Band 5	6025	5.96	N/A	1.42	7.38	24
	6185	6.00	N/A	1.42	7.42	
	6345	5.91	N/A	1.42	7.33	
U-NII Band 6	6505	5.68	N/A	0.98	6.66	
U-NII Band 7	6665	4.75	N/A	1.35	6.10	
	6825	4.63	N/A	1.35	5.98	
U-NII Band 8	6985	4.56	N/A	0.22	4.78	

Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Average Coneduted Output Power (dBm)+ Antenna Gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

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● OFDMA Modulation

Tones: 26T

Modulation Type 802.11ax-HE20	Centre Frequency (MHz)	Tones	RU Index	Average Coneduted Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Antenna Gain (dBi)	Total E.I.R.P. Note 2 (dBm)	Limit (dBm)
U-NII Band 5	5955	26	0	-3.66	N/A	1.42	-2.24	24
	6175	26	4	-5.11	N/A	1.42	-3.69	
	6415	26	8	-4.35	N/A	1.42	-2.93	
U-NII Band 6	6435	26	0	-3.01	N/A	0.98	-2.03	
	6475	26	4	-3.66	N/A	0.98	-2.68	
	6515	26	8	-4.82	N/A	0.98	-3.84	
UNII Band 7	6535	26	0	-5.69	N/A	1.35	-4.34	
	6695	26	4	-5.26	N/A	1.35	-3.91	
	6855	26	8	-5.77	N/A	1.35	-4.42	
U-NII Band 8	6875	26	0	-5.79	N/A	0.22	-5.57	
	6995	26	4	-5.91	N/A	0.22	-5.69	
	7095	26	8	-4.75	N/A	0.22	-4.53	

Tones: 52T

Modulation Type 802.11ax-HE20	Centre Frequency (MHz)	Tones	RU Index	Average Coneduted Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Antenna Gain (dBi)	Total E.I.R.P. Note 2 (dBm)	Limit (dBm)
U-NII Band 5	5955	52	37	-0.89	N/A	1.42	0.53	24
	6175	52	39	-2.22	N/A	1.42	-0.80	
	6415	52	40	-2.42	N/A	1.42	-1.00	
U-NII Band 6	6435	52	37	-1.07	N/A	0.98	-0.09	
	6475	52	39	-2.43	N/A	0.98	-1.45	
	6515	52	40	-3.00	N/A	0.98	-2.02	
U-NII Band 7	6535	52	37	-3.13	N/A	1.35	-1.78	
	6695	52	39	-2.53	N/A	1.35	-1.18	
	6855	52	40	-3.76	N/A	1.35	-2.41	
U-NII Band 8	6875	52	37	-1.75	N/A	0.22	-1.53	
	6995	52	39	-2.14	N/A	0.22	-1.92	
	7095	52	40	-1.50	N/A	0.22	-1.28	

Tones: 106T

Modulation Type 802.11ax-HE20	Centre Frequency (MHz)	Tones	RU Index	Average Coneduted Output Power (dBm)	Duty Cycle Factor 10log(1/X)	Antenna Gain (dBi)	Total E.I.R.P. Note 2 (dBm)	Limit (dBm)
U-NII Band 5	5955	106	53	2.60	N/A	1.42	4.02	24
	6175	106	54	0.13	N/A	1.42	1.55	
	6415	106	54	0.83	N/A	1.42	2.25	
U-NII Band 6	6435	106	53	1.97	N/A	0.98	2.95	
	6475	106	54	0.59	N/A	0.98	1.57	
	6515	106	54	-0.12	N/A	0.98	0.86	
U-NII Band 7	6535	106	53	-0.21	N/A	1.35	1.14	
	6695	106	54	0.21	N/A	1.35	1.56	
	6855	106	54	-0.54	N/A	1.35	0.81	
U-NII Band 8	6875	106	53	1.04	N/A	0.22	1.26	
	6995	106	54	1.01	N/A	0.22	1.23	
	7095	106	54	1.08	N/A	0.22	1.25	

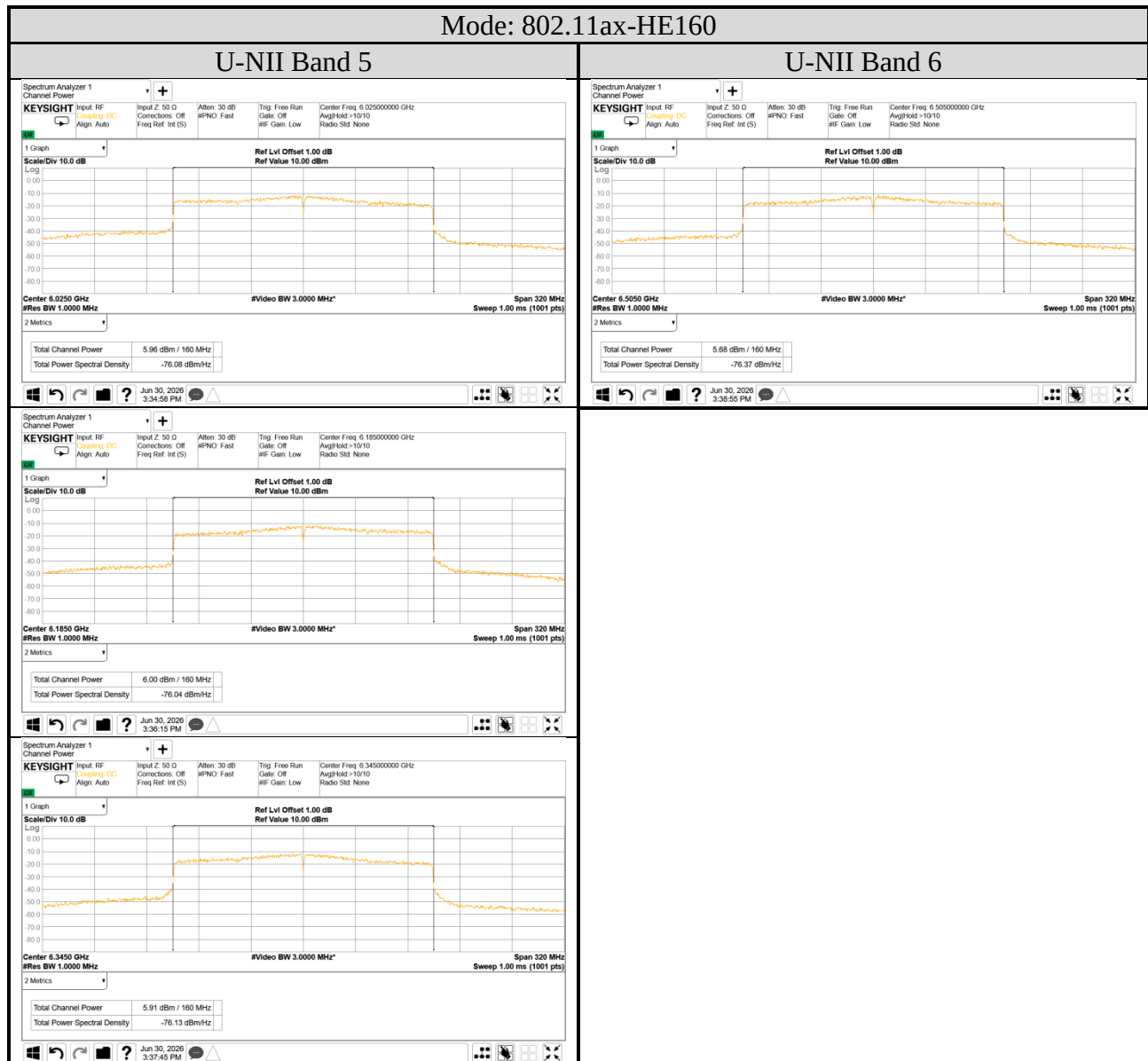
Note: 1. All results have been included cable loss [Please refer to KDB 662911 E 2) c)]

2. According to KDB 662911 D01 E)1), Total E.I.R.P.(dBm) = Average Coneduted Output Power (dBm)+ Antenna Gain (dBi) + duty cycle factor(dB) when duty cycle is less than 98%.

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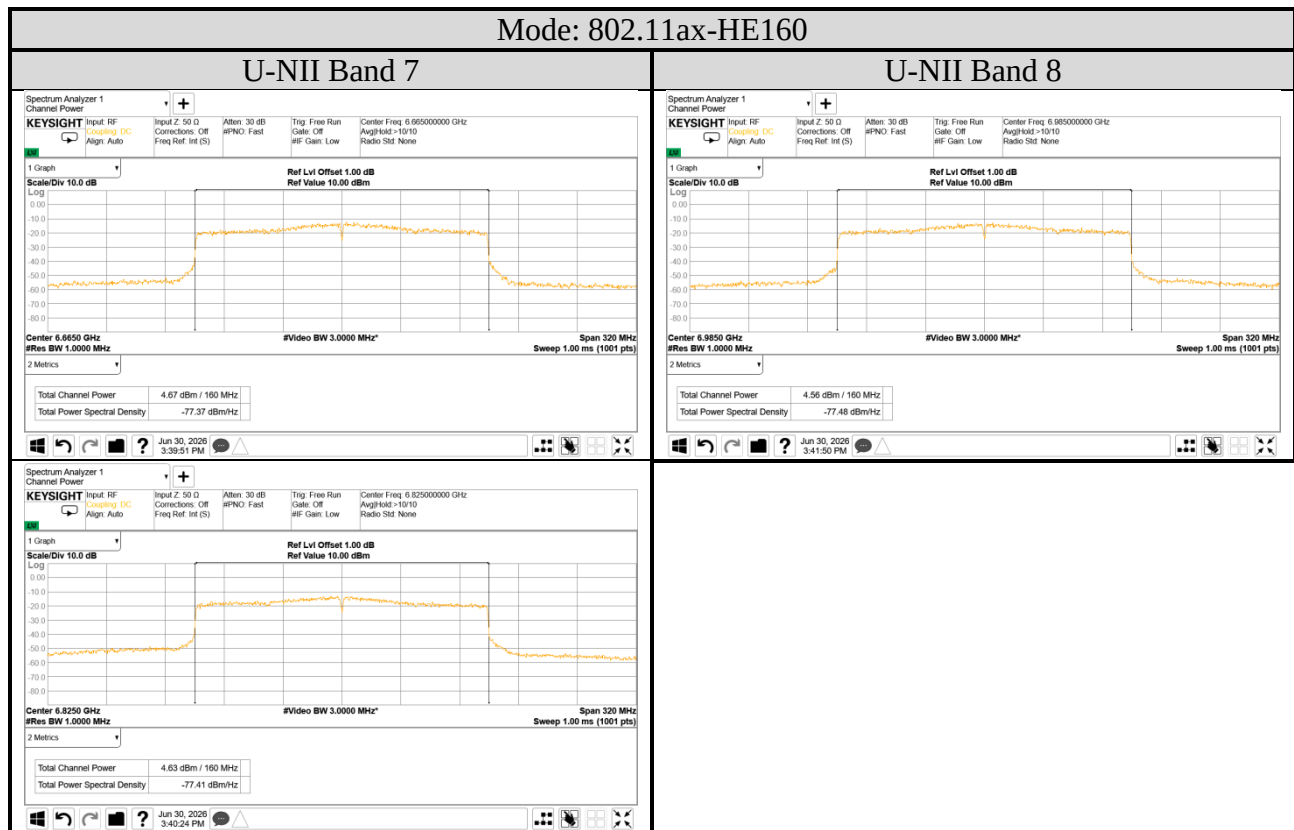
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A.4.2 Measurement Plots



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A.5 EMISSION/OCCUPIED BANDWIDTH

Test Date	2026/07/08 ~ 08/24	Temp./Hum.	23~24°C /42~58%
Cable Loss	1.00dB	Tested By	Sean Wang
Test Voltage	DC 3.8V (Via Battery)		

A.5.1 Emission/Occupied Bandwidth Result

Modulation Type 802.11a	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
		Emission (26dB)	Occupied (99%)	
U-NII Band 5	5955	18.74	16.403	≤320MHz
	6175	18.29	16.376	
	6415	18.27	16.369	
U-NII Band 6	6435	18.34	16.352	
	6475	18.26	16.371	
	6515	18.66	16.367	
U-NII Band 7	6535	18.19	16.383	
	6695	18.37	16.359	
	6855	18.31	16.378	
U-NII Band 8	6875	18.06	16.370	
	6995	18.29	16.373	
	7095	18.20	16.372	

Modulation Type 802.11ax-HE20	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
		Emission (26dB)	Occupied (99%)	
U-NII Band 5	5955	19.90	18.885	≤320MHz
	6175	19.85	18.880	
	6415	20.10	18.862	
U-NII Band 6	6435	20.02	18.864	
	6475	19.88	18.878	
	6515	19.92	18.860	
U-NII Band 7	6535	19.95	18.854	
	6695	19.99	18.865	
	6855	19.88	18.875	
U-NII Band 8	6875	19.88	18.855	
	6995	20.00	18.863	
	7095	19.86	18.487	

Note: All results have been included cable loss.

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Modulation Type 802.11ax-HE40	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
		Emission (26dB)	Occupied (99%)	
U-NII Band 5	5965	39.45	37.686	≤320MHz
	6165	39.36	37.636	
	6405	39.36	37.639	
U-NII Band 6	6445	39.31	37.582	
	6485	37.46	37.631	
U-NII Band 7	6525	39.47	37.626	
	6685	39.37	37.581	
	6845	39.44	37.609	
U-NII Band 8	6885	39.35	35.574	
	7005	39.34	37.604	
	7085	39.33	37.615	

Modulation Type 802.11ax-HE80	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
		Emission (26dB)	Occupied (99%)	
U-NII Band 5	5985	80.14	76.789	≤320MHz
	6145	80.06	76.870	
	6385	80.06	76.727	
U-NII Band 6	6465	80.14	76.858	
	6545	80.02	76.744	
U-NII Band 7	6625	80.06	86.723	
	6705	79.99	76.697	
	6785	79.97	76.715	
U-NII Band 8	6865	80.05	76.694	
	6945	80.12	76.678	
	7025	80.05	76.665	

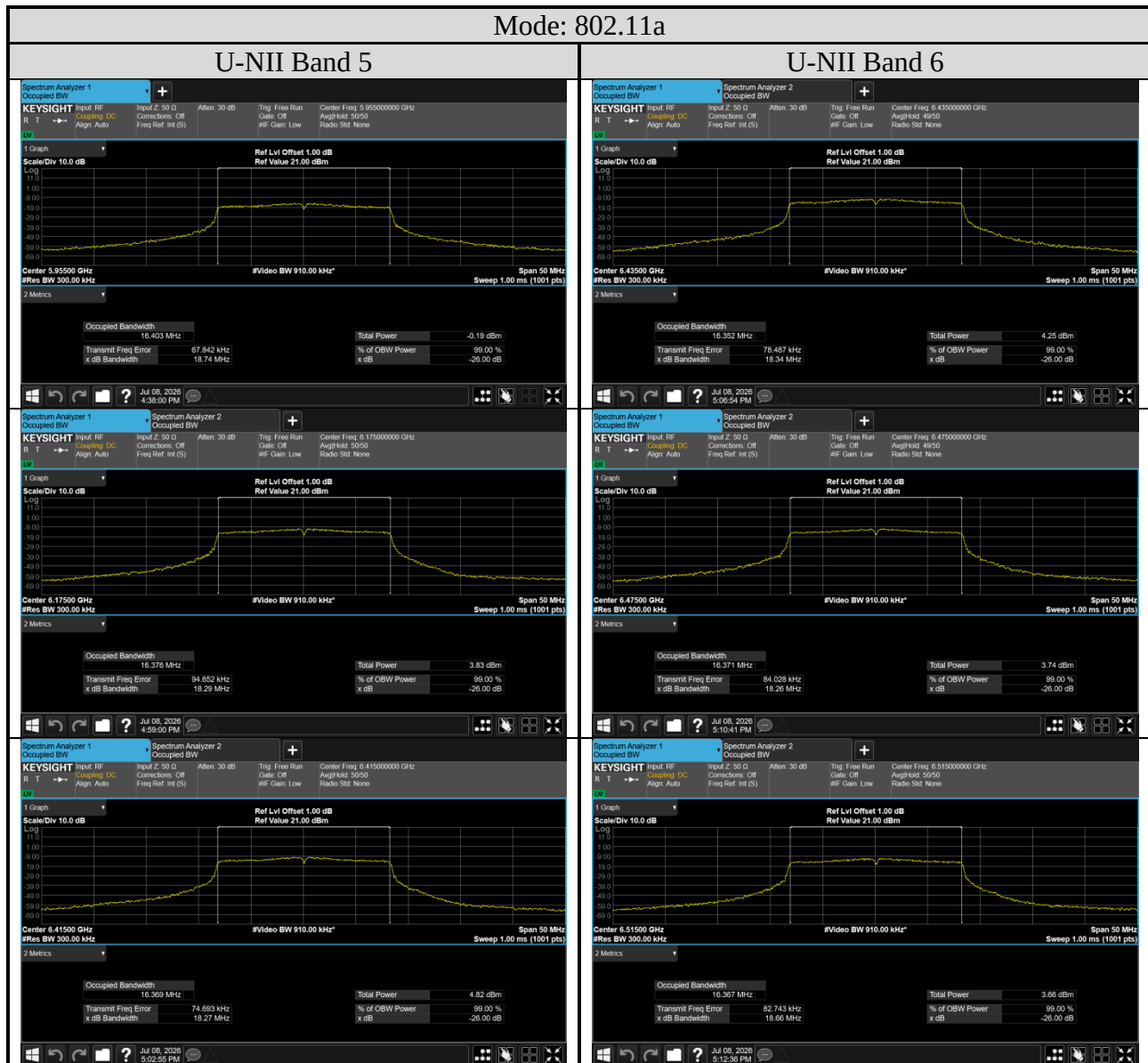
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		Emission (26dB)	Occupied (99%)	
U-NII Band 5	6025	161.9	155.54	≤320MHz
	6185	161.8	155.41	
	6345	161.6	154.99	
U-NII Band 6	6505	161.9	155.68	
U-NII Band 7	6665	161.6	154.87	
	6825	161.7	155.36	
U-NII Band 8	6985	161.7	154.98	

Note: All results have been included cable loss.

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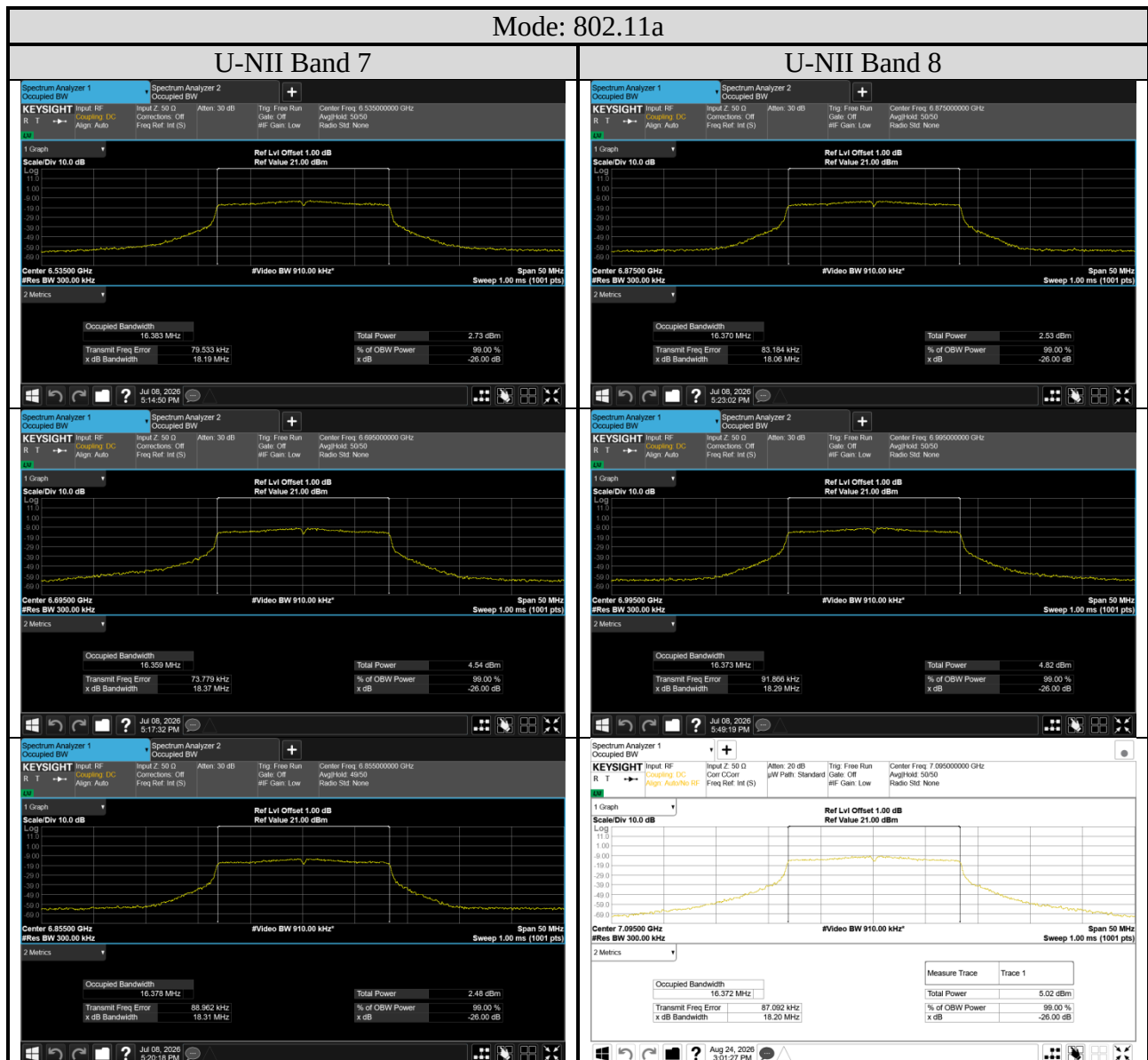
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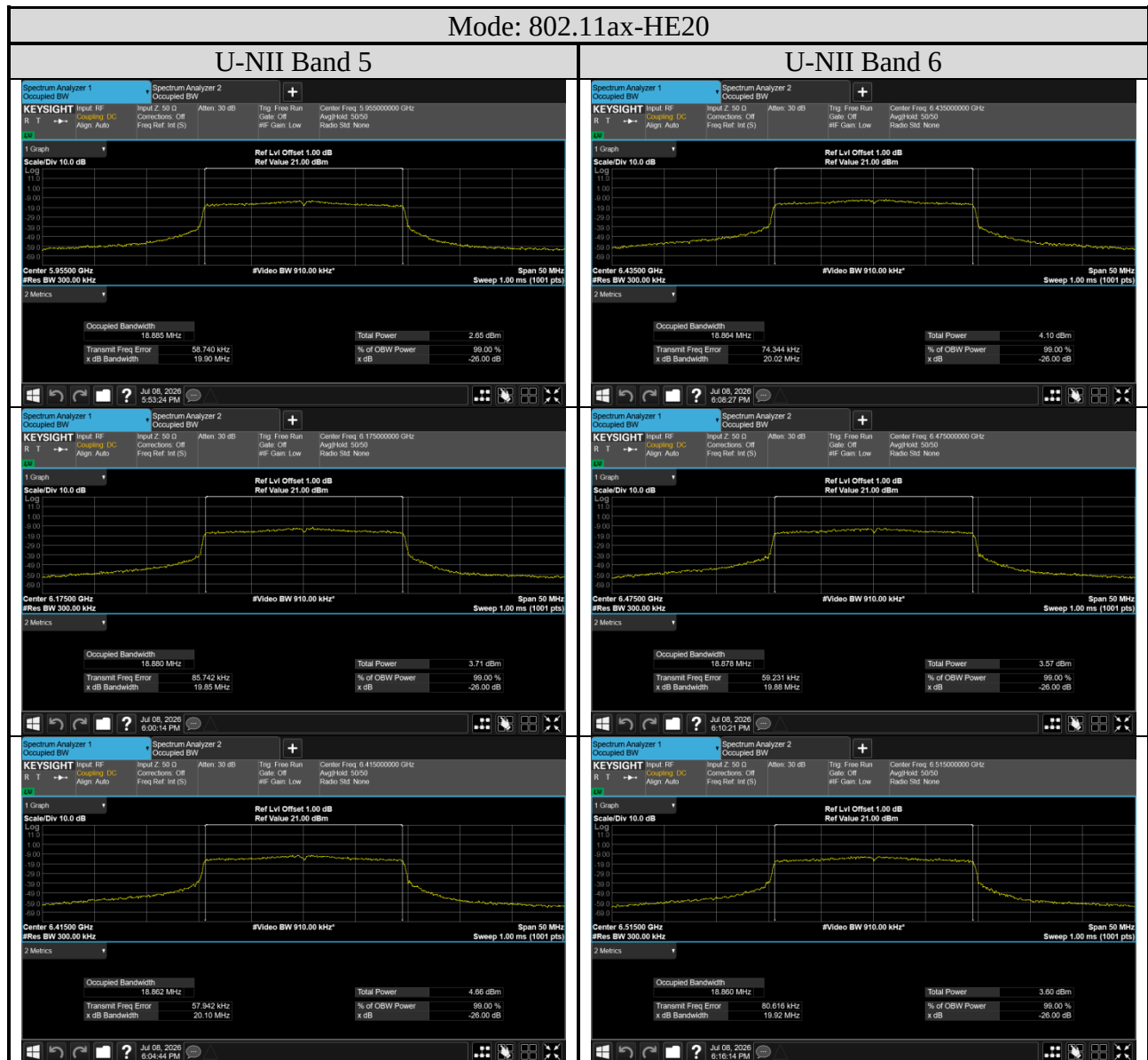
A.5.2 Measurement Plots



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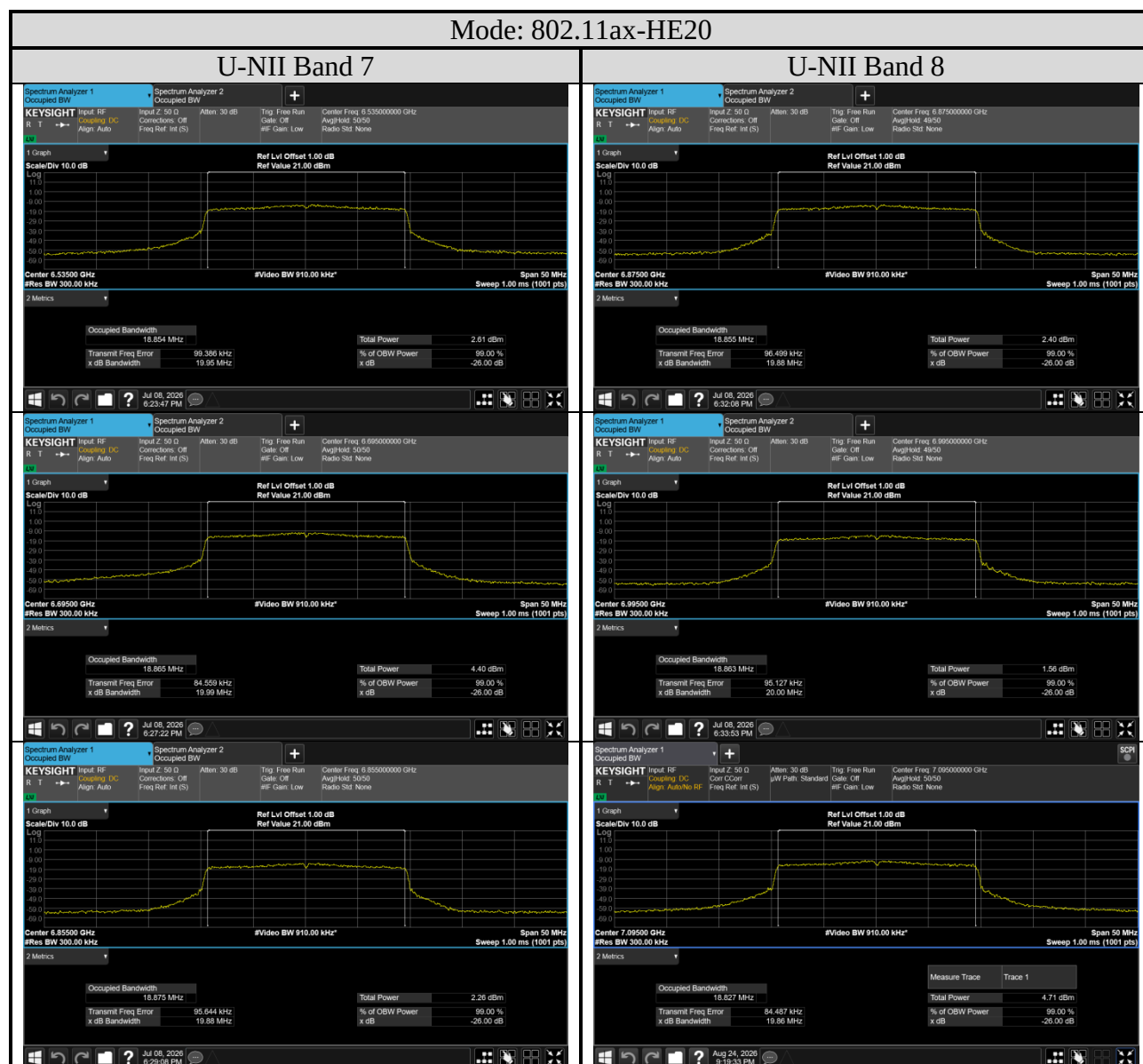
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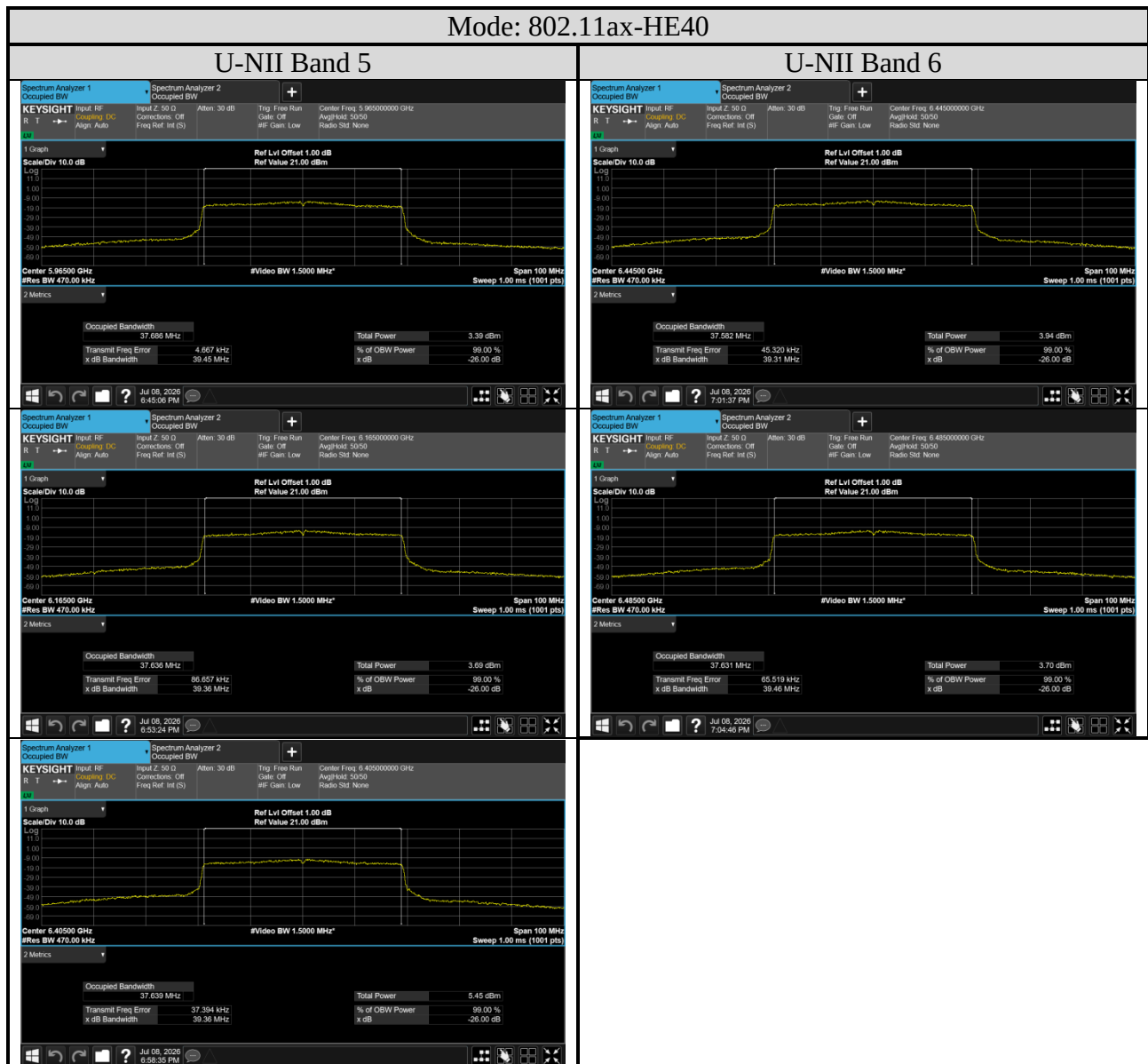
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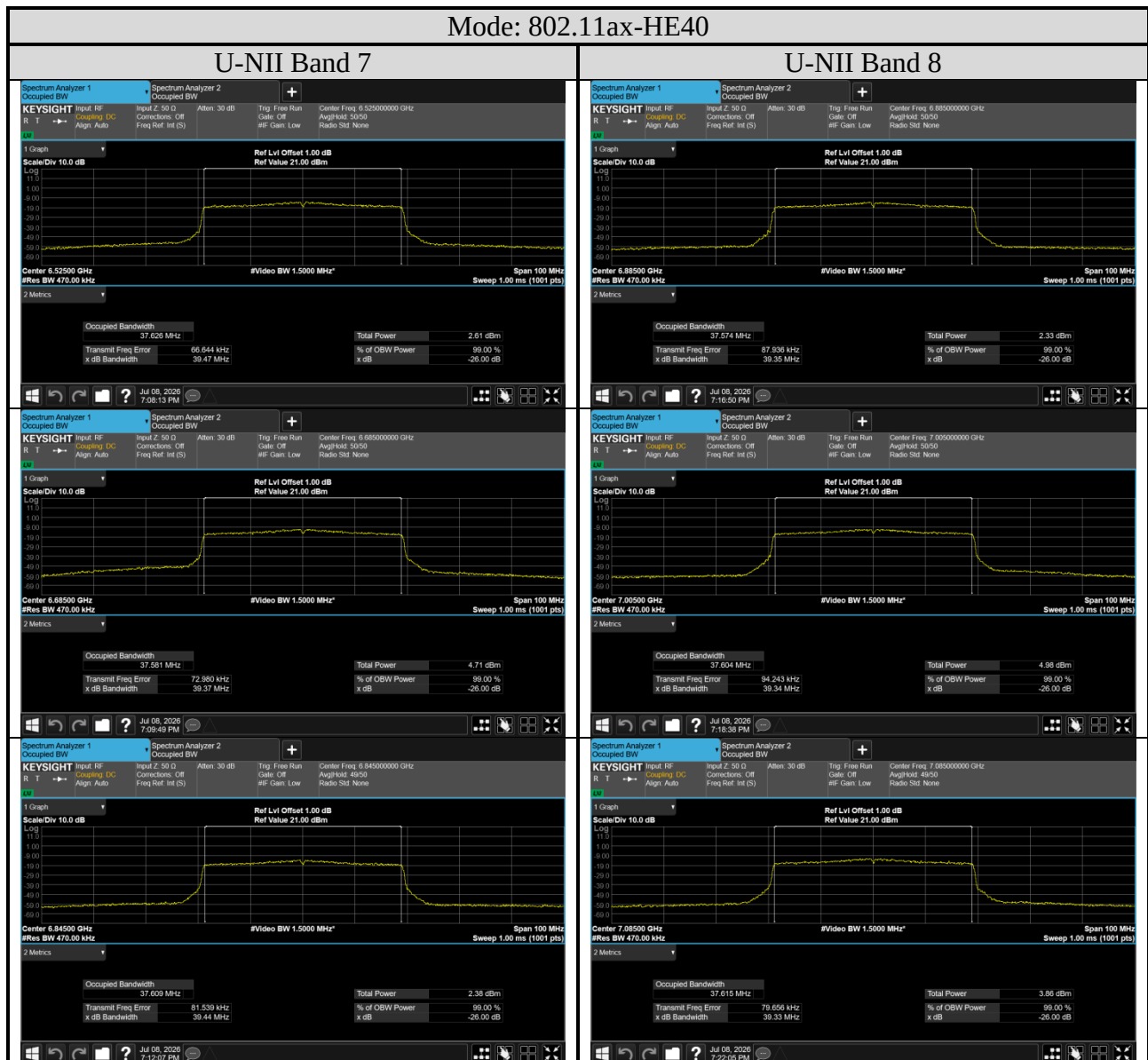
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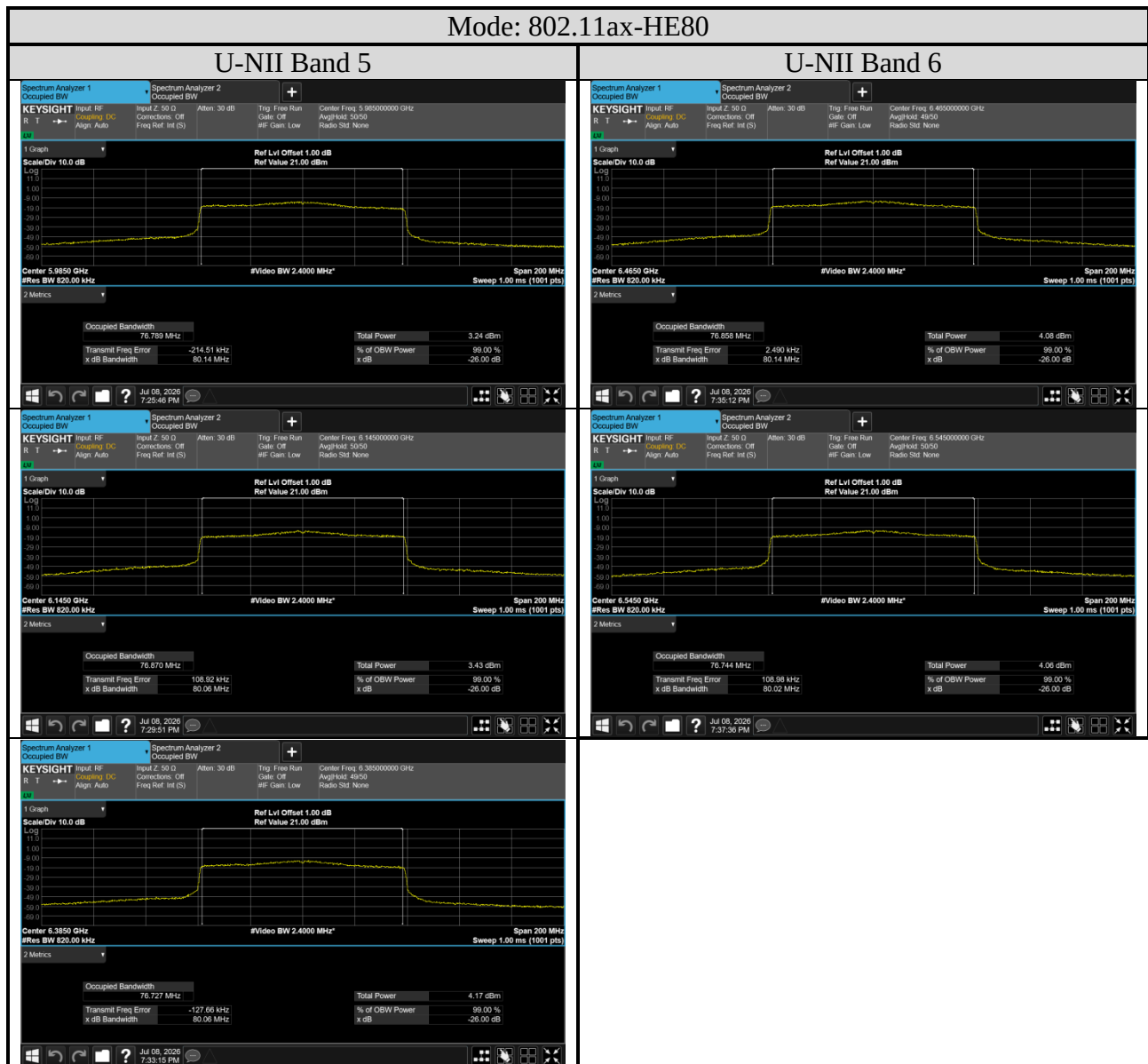
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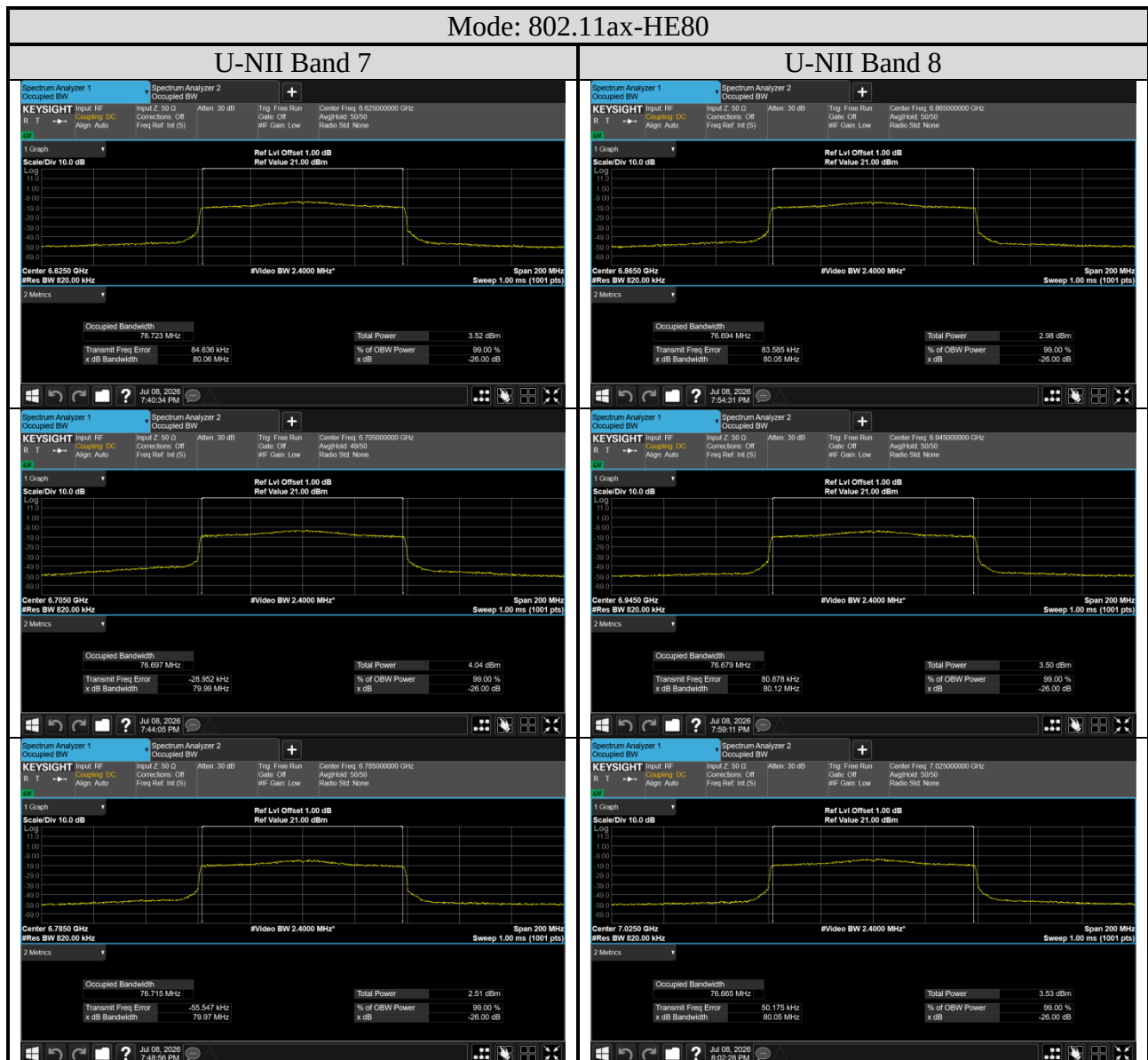
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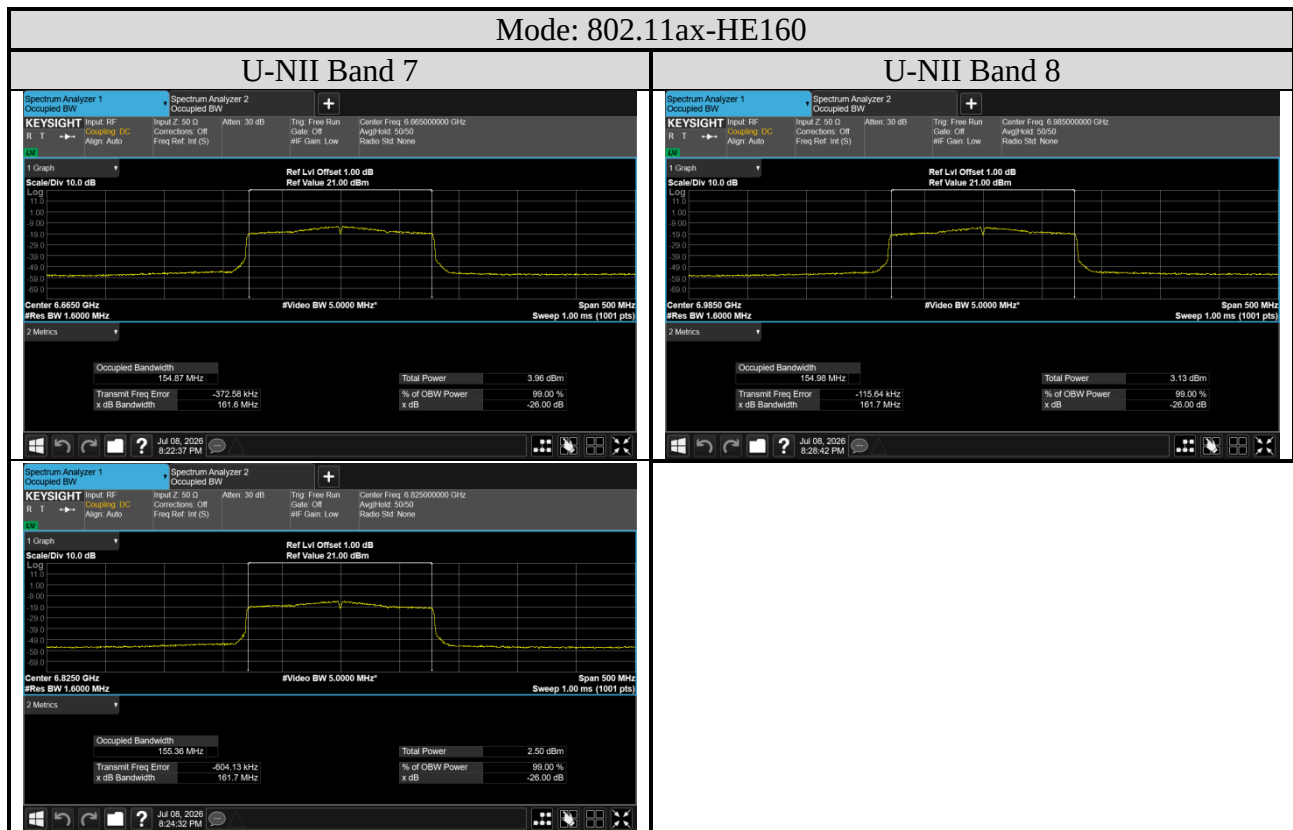
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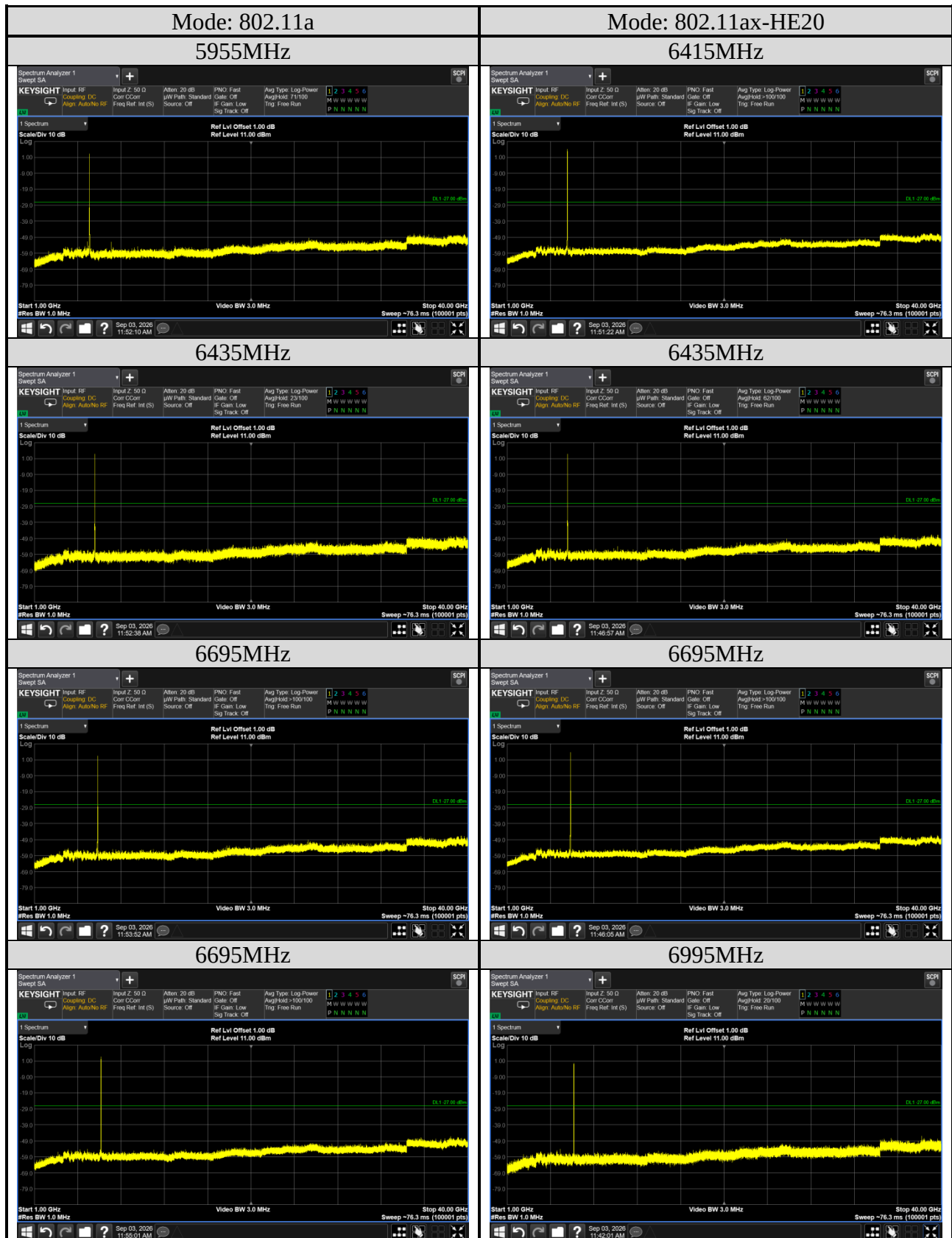


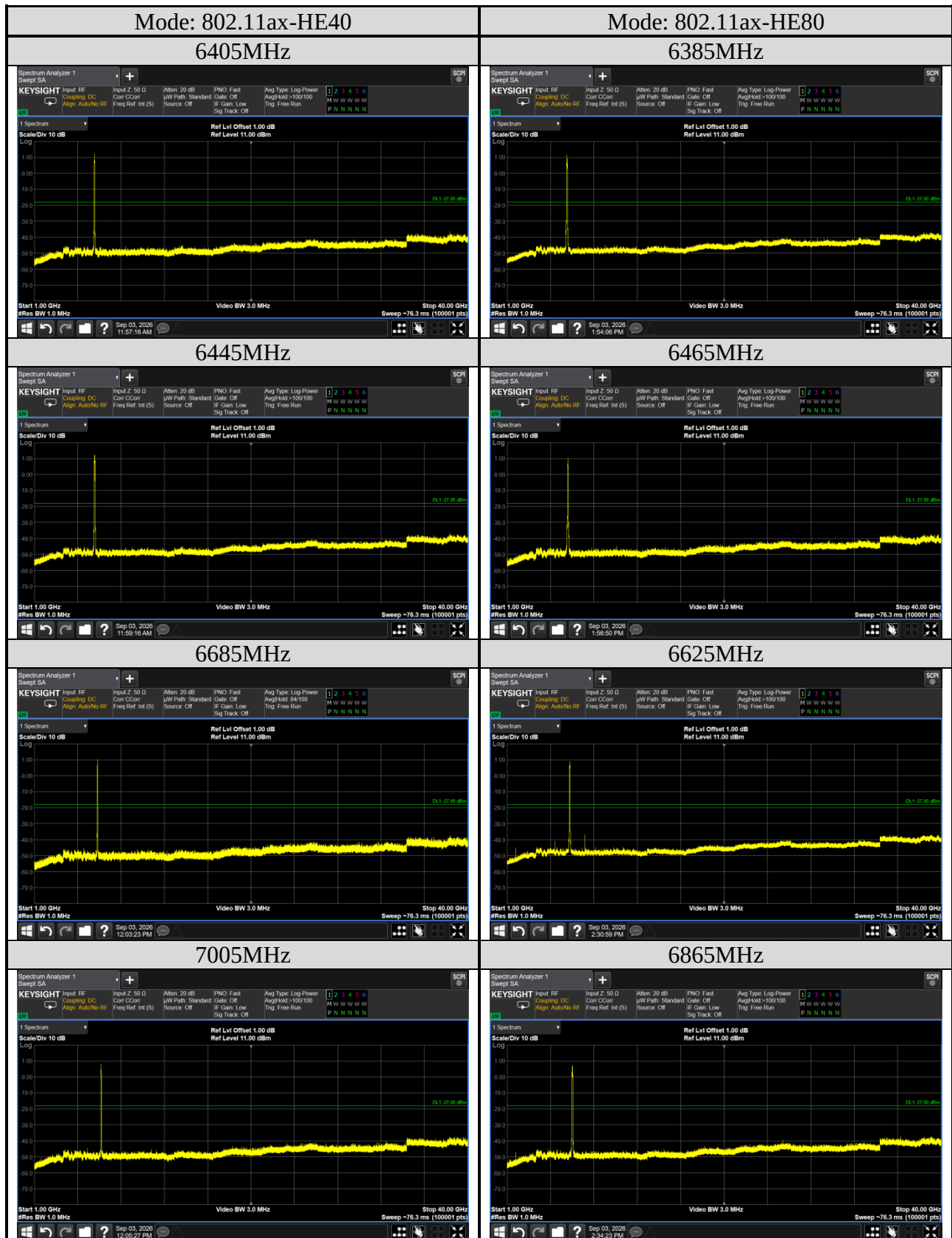
A.6 UNDESIRABLE EMISSION LIMITS: SPURIOUS EMISSION (CONDUCTED)

Test Date	2026/09/03	Temp./Hum.	23°C /65%
Cable Loss	1.00dB	Tested By	Sean Wang
Test Voltage	DC 3.8V (Via Battery)		

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