

Audix Technology Corp.
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New Taipei City244, Taiwan

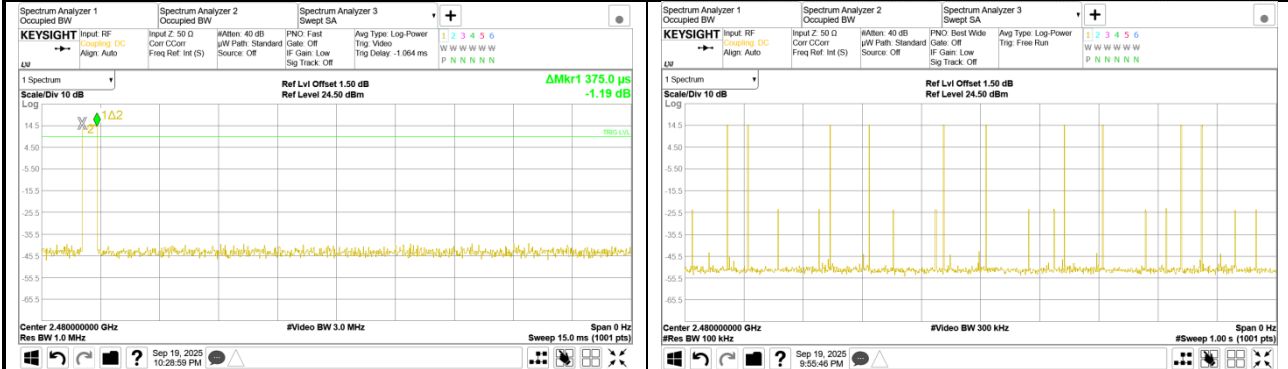
Tel: +886 2 26099301
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8-DPSK

Main

2480MHz

3DH1



3DH3

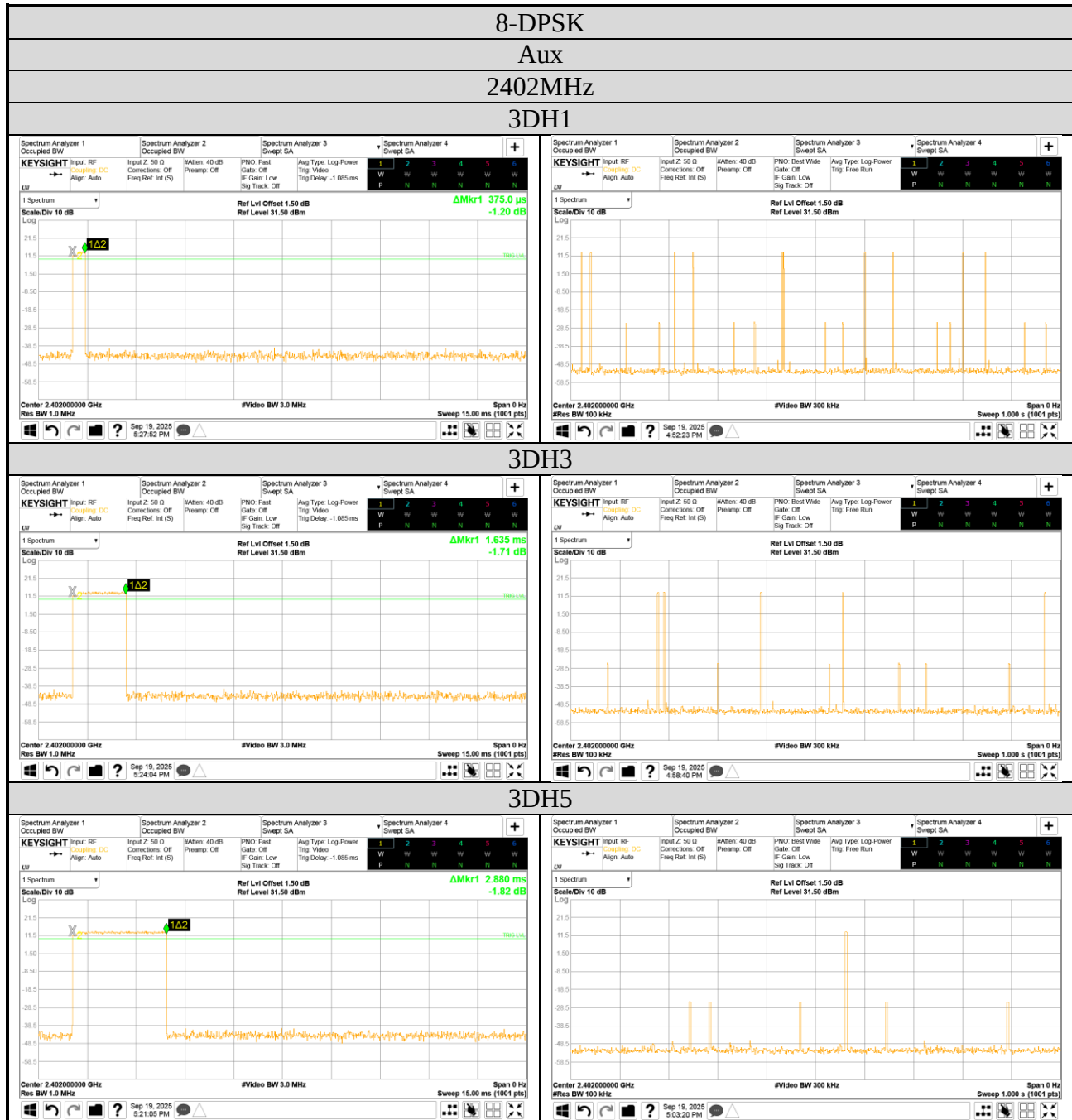


3DH5



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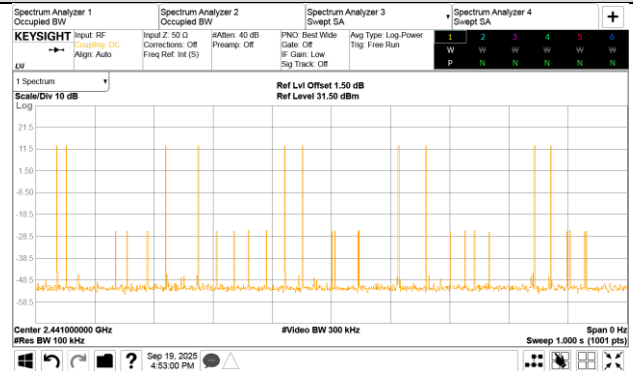
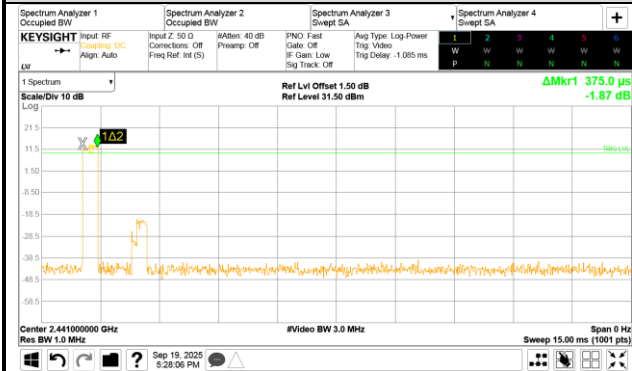
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8-DPSK

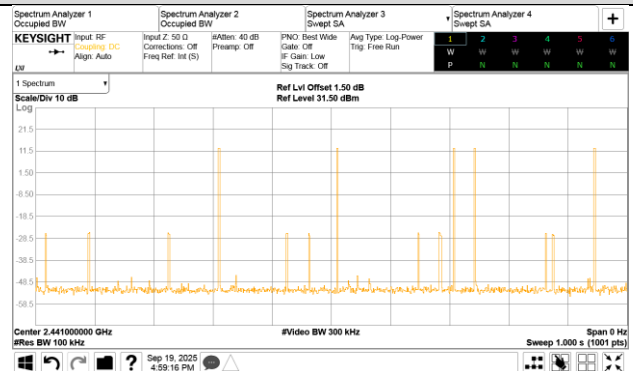
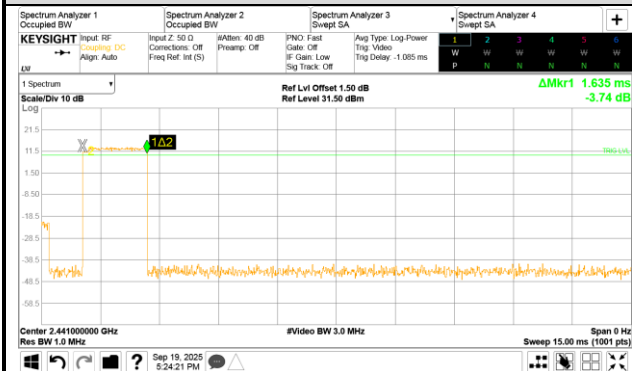
Aux

2441MHz

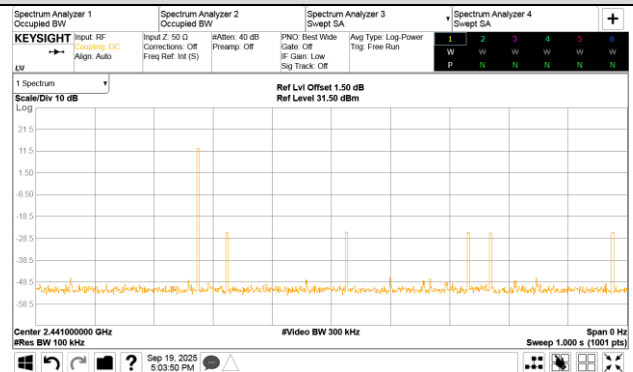
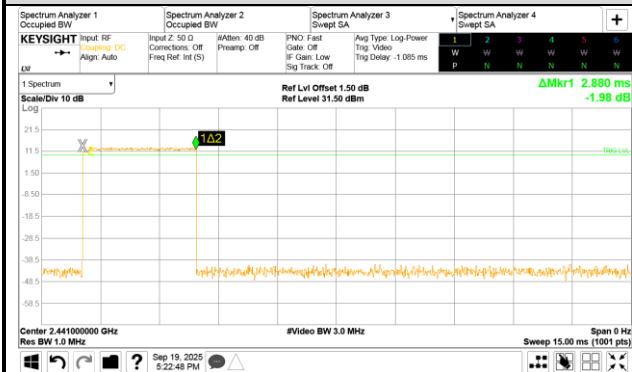
3DH1



3DH3



3DH5



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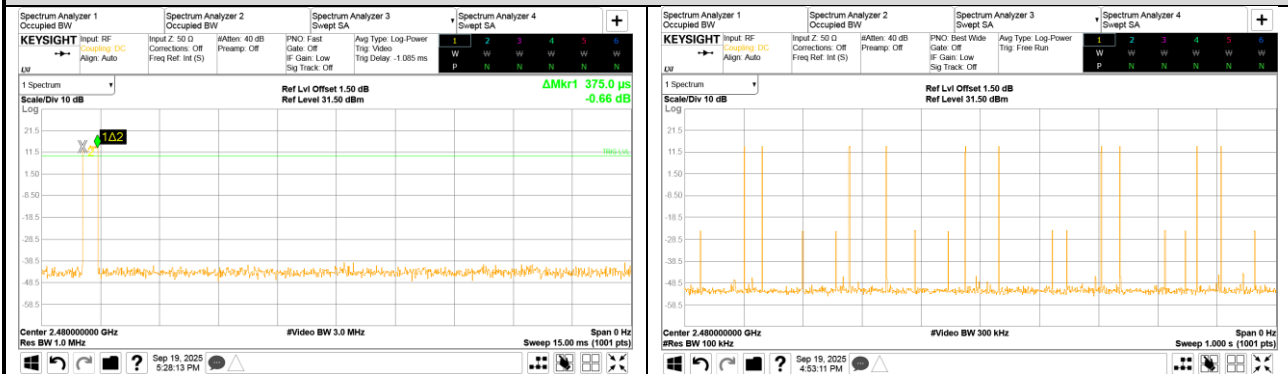
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8-DPSK

Aux

2480MHz

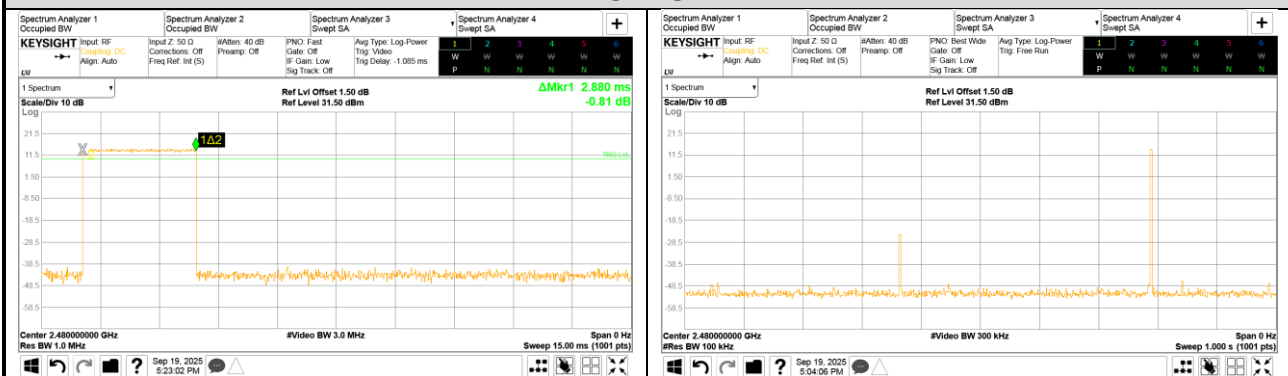
3DH1



3DH3

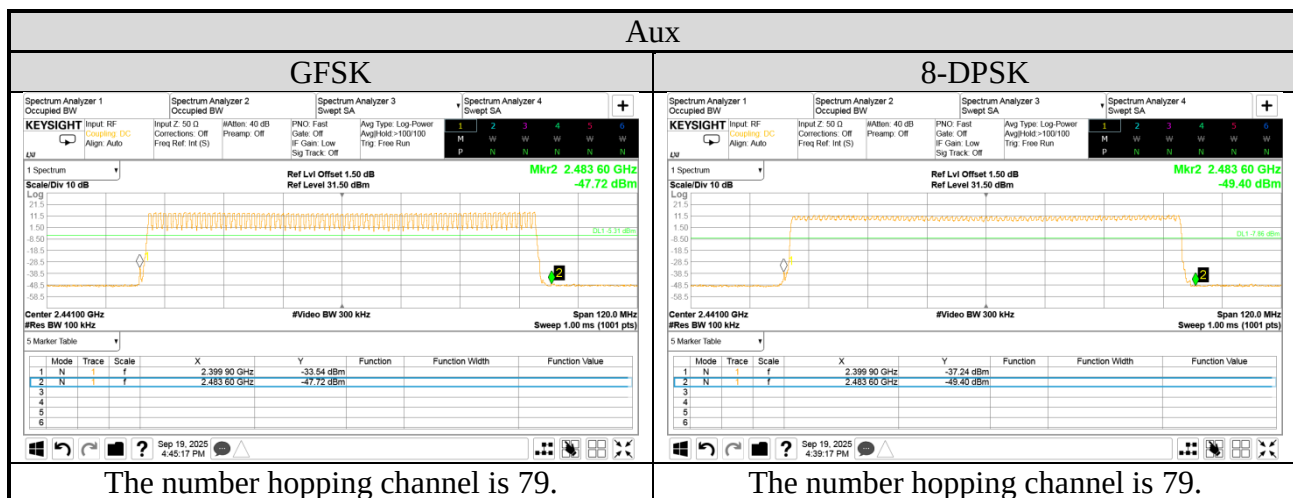
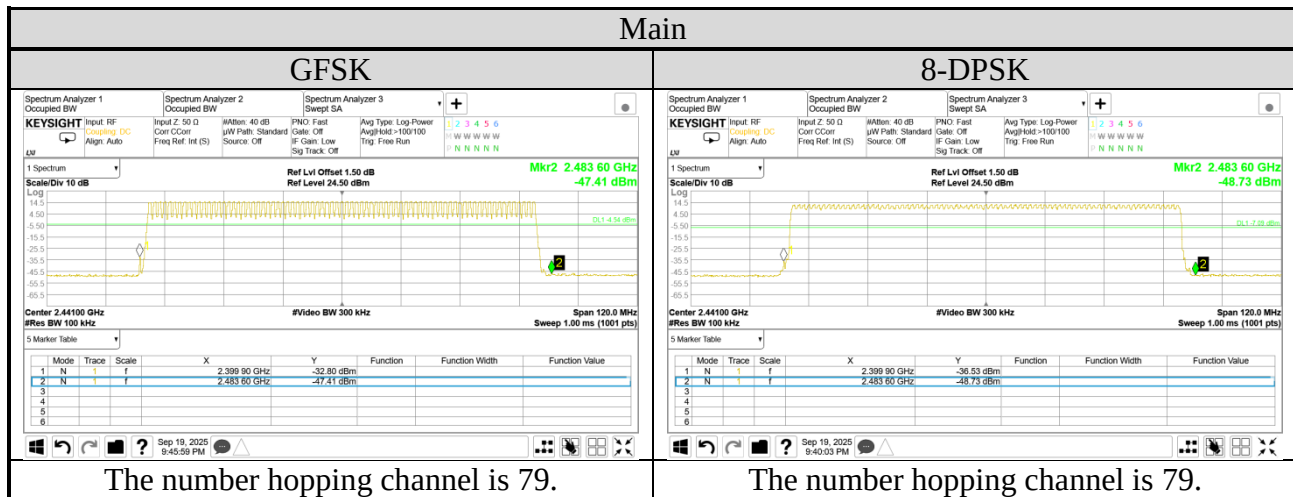


3DH5



A.6 NUMBER OF HOPPING CHANNELS

Test Date	2025/09/19	Temp./Hum.	23°C/56%
Cable Loss	1.50dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		



A.7 MAXIMUM PEAK OUTPUT POWER

Test Date	2025/09/04~09	Temp./Hum.	23~24°C/54~57%
Cable Loss	---	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.7.1 Maximum Peak Output Power

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total Peak Output Power ^{Note 2}		Directional gain ^{Note 3} (dBi)	E.I.R.P. ^{Note 4}		Limit
		Aux	Main	(dBm)	(W)		(dBm)	(W)	
GFSK	2402	15.14	15.26	18.21	0.066	2.08	20.29	0.107	<30dBm (Maximum Peak Output Power) <36dBm (E.I.R.P)
	2441	15.35	15.43	18.40	0.069	2.08	20.48	0.112	
	2480	15.66	15.72	18.70	0.074	2.08	20.78	0.120	
8DPSK	2402	14.95	15.03	18.00	0.063	2.08	20.08	0.102	
	2441	15.34	15.42	18.39	0.069	2.08	20.08	0.102	
	2480	15.55	15.61	18.59	0.072	2.08	20.47	0.111	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total peak power = sum to individual output power

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$ dBi

Directional gain = $10 \log[(10^{2.15/10} + 10^{2.10/10})/2] = 2.08$ dBi

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. E.I.R.P.= The Total Peak Output Power (dBm)+ Directional Gain (dBi).

A.7.2 Average Output Power (Reporting only)

Mode	Centre Frequency (MHz)	Average Output Power(dBm)		Duty cycle factor (dB) 10log (1/x)	Total Average Output Power ^{Note 2}		Directional gain ^{Note 3} (dBi)	E.I.R.P. ^{Note 4}		Limit
		Aux	Main		(dBm)	(W)		(dBm)	(W)	
GFSK	2402	13.73	14.16	1.169	18.13	0.065	2.08	20.21	0.105	<30dBm (Maximum Peak Output Power) <36dBm (E.I.R.P)
	2441	14.15	14.26	1.169	18.38	0.069	2.08	20.46	0.111	
	2480	14.36	14.61	1.169	18.67	0.074	2.08	20.75	0.119	
8DPSK	2402	11.27	11.63	1.169	15.61	0.036	2.08	17.69	0.059	
	2441	11.66	12.01	1.169	15.99	0.040	2.08	18.07	0.064	
	2480	11.86	12.09	1.169	16.13	0.041	2.08	18.21	0.066	

Note: 1. The results have been included cable loss.

2. According to KDB 662911 D01 E)1), Total peak power = sum to individual output power

3. According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then

Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$ dBi

Directional gain = $10 \log[(10^{2.15/10} + 10^{2.10/10})/2] = 2.08$ dBi

The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).

4. E.I.R.P.= The Total Average Output Power (dBm)+ Directional Gain (dBi).

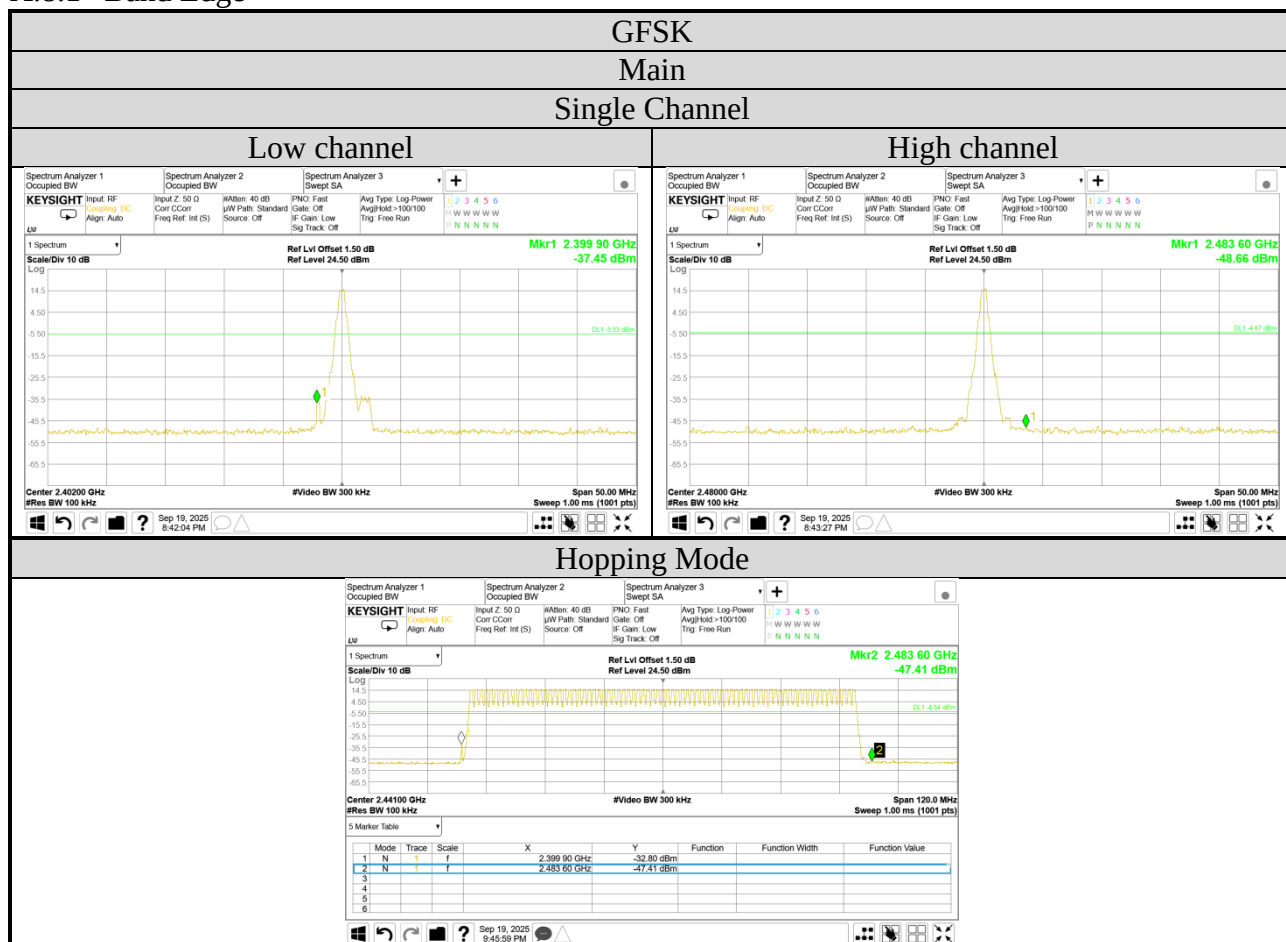
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A.8 EMISSION LIMITATIONS MEASUREMENT

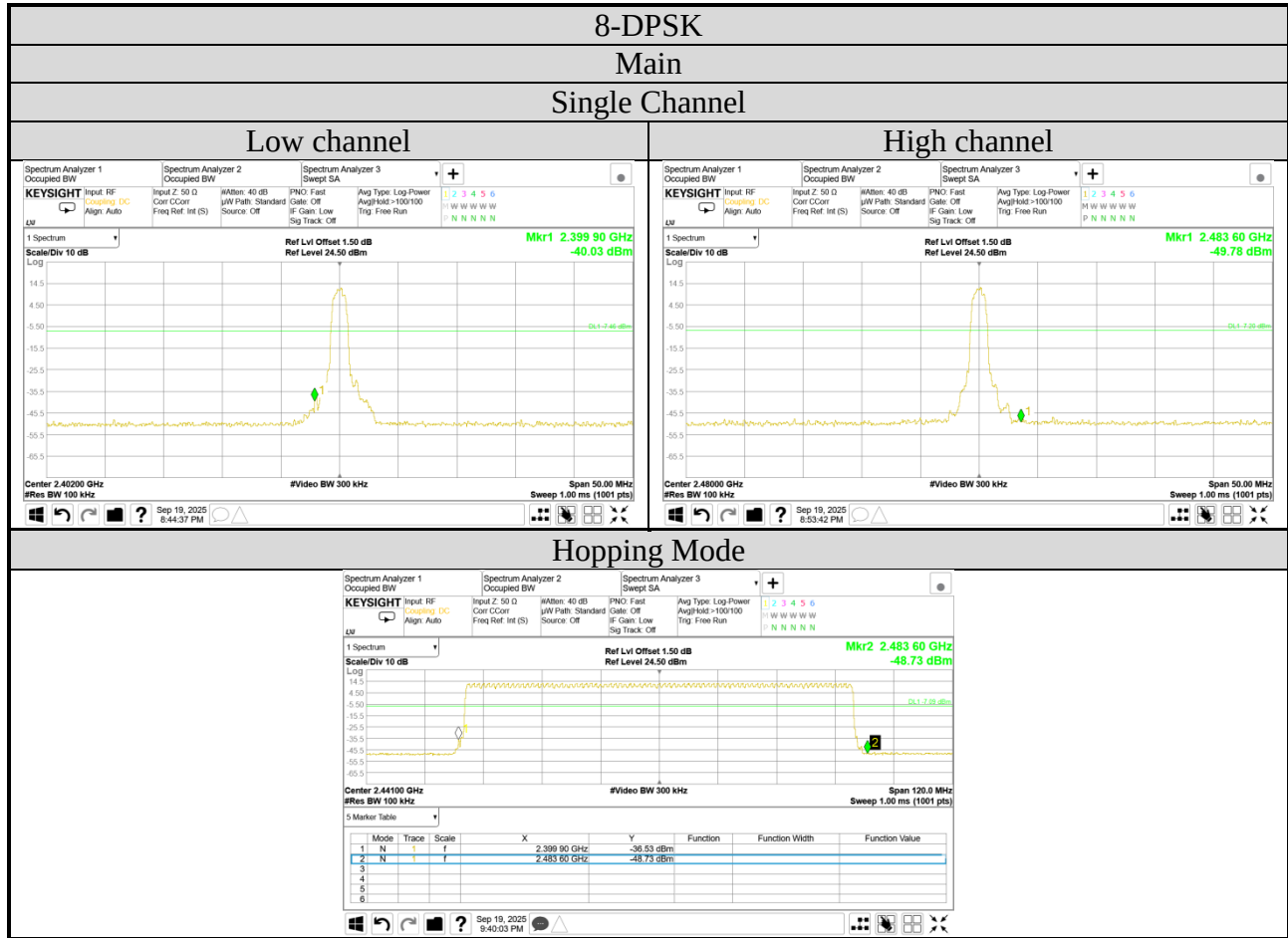
Test Date	2025/09/19	Temp./Hum.	23°C/56%
Cable Loss	1.50dB	Tested By	Sam Chang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.8.1 Band Edge



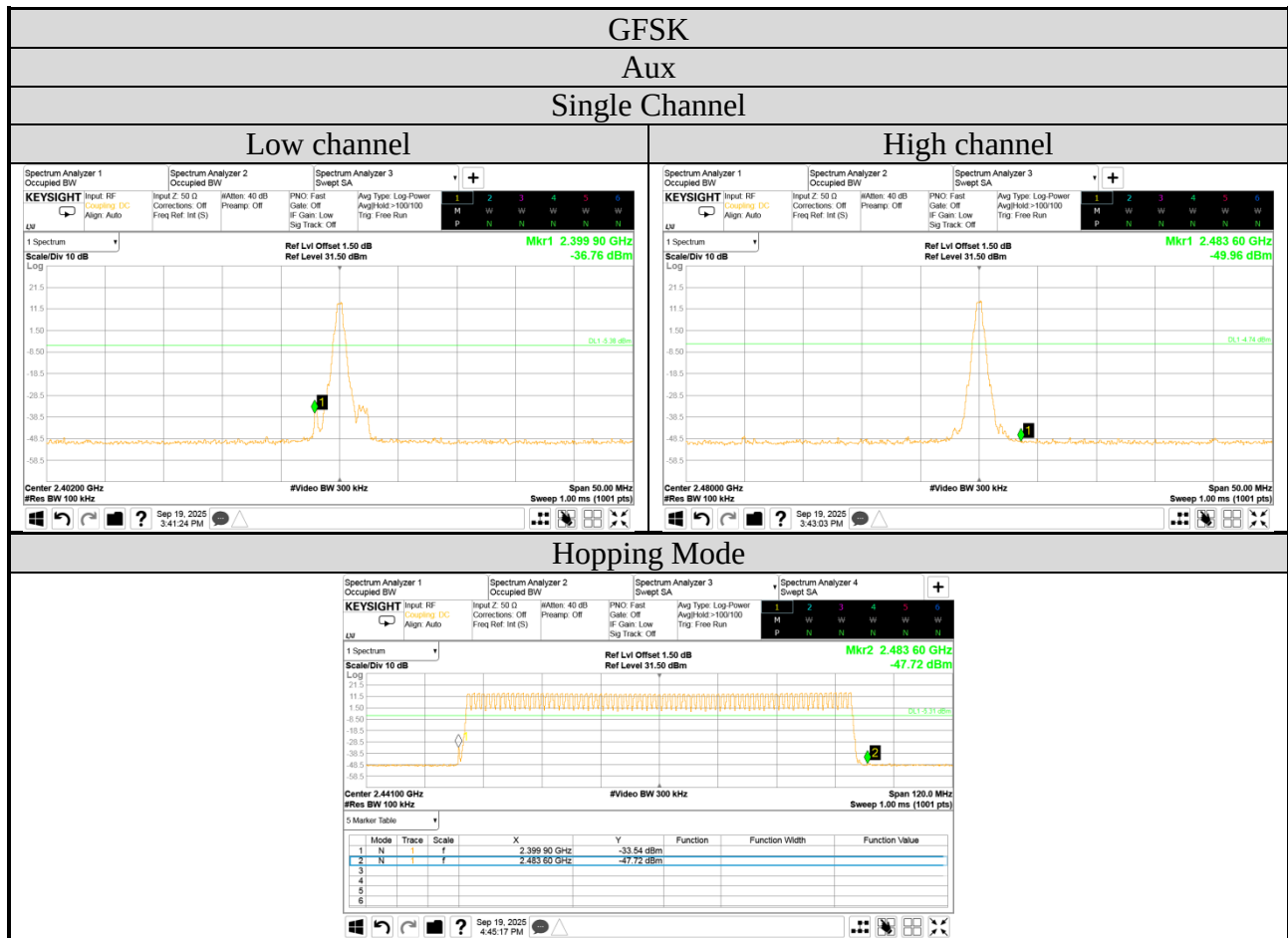
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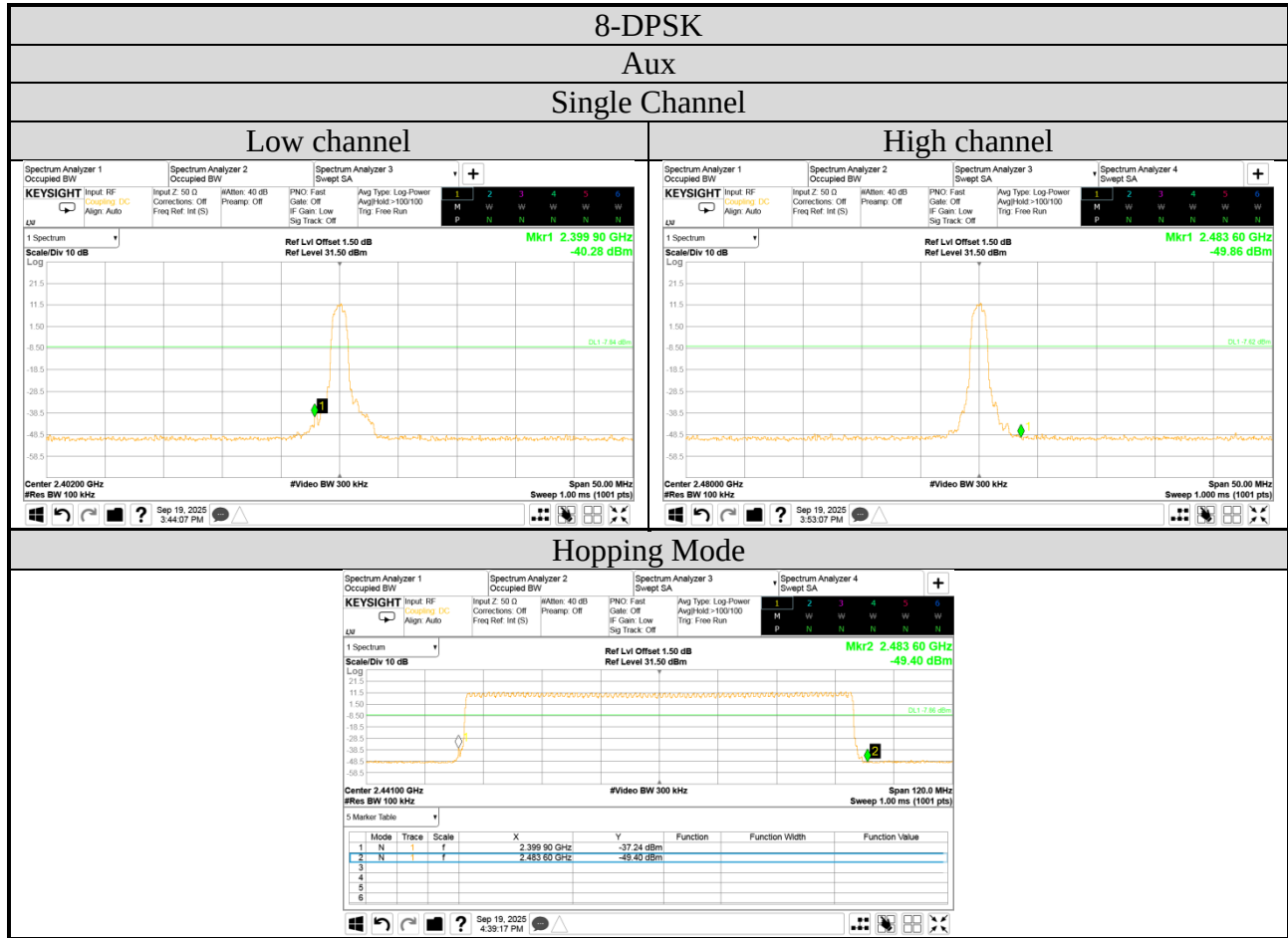
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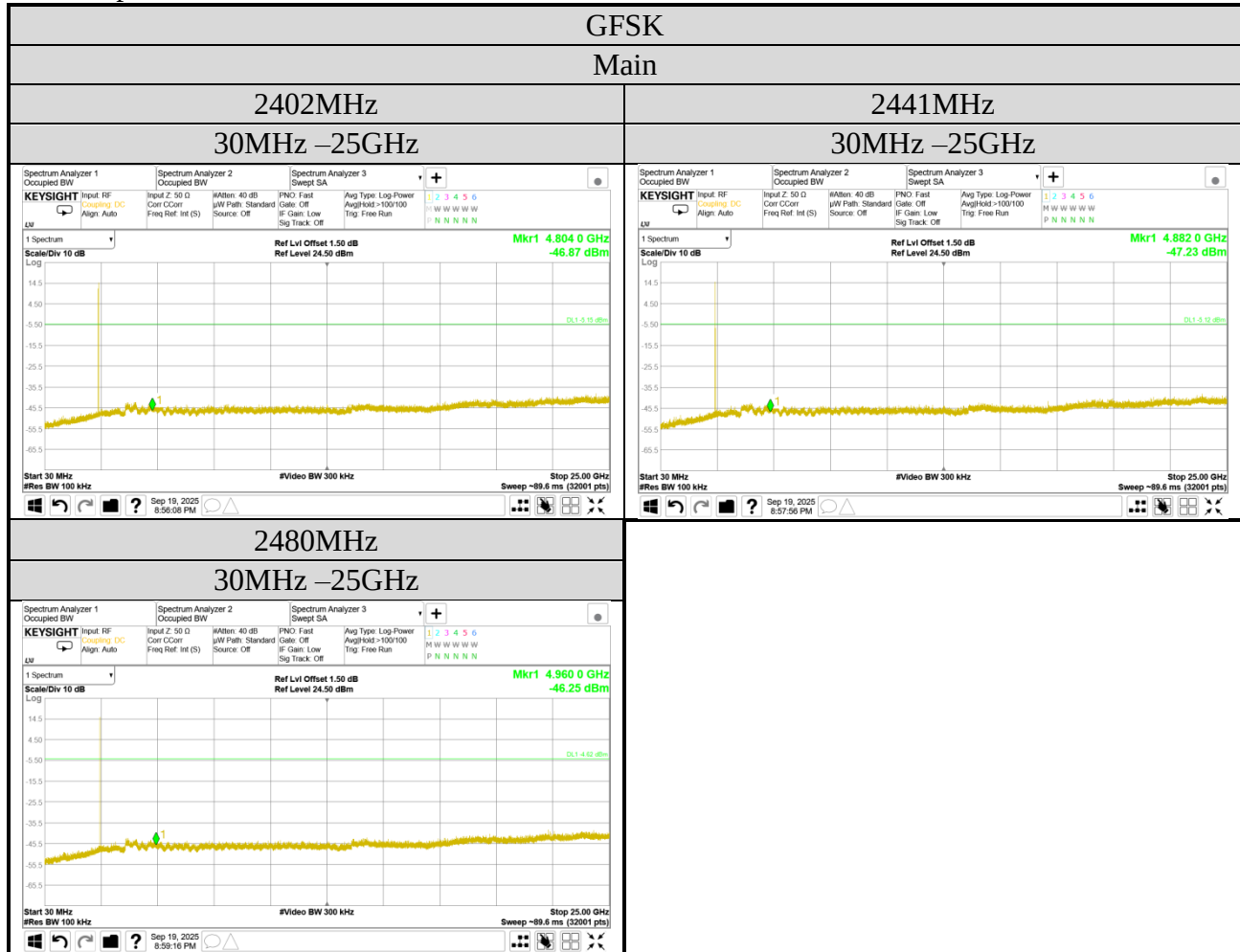
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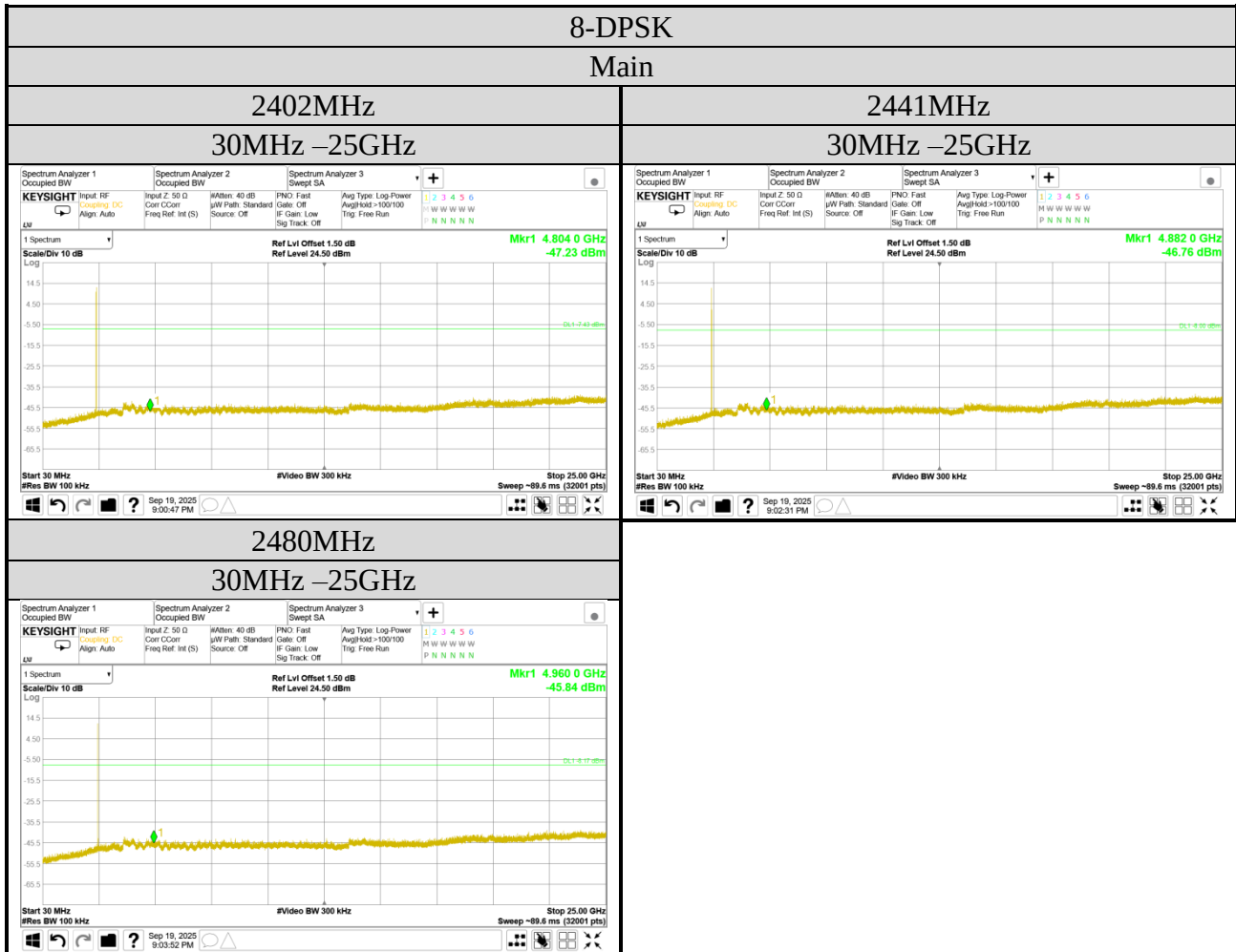
A.8.2 Spurious Emission



Note: All results have been included cable loss.

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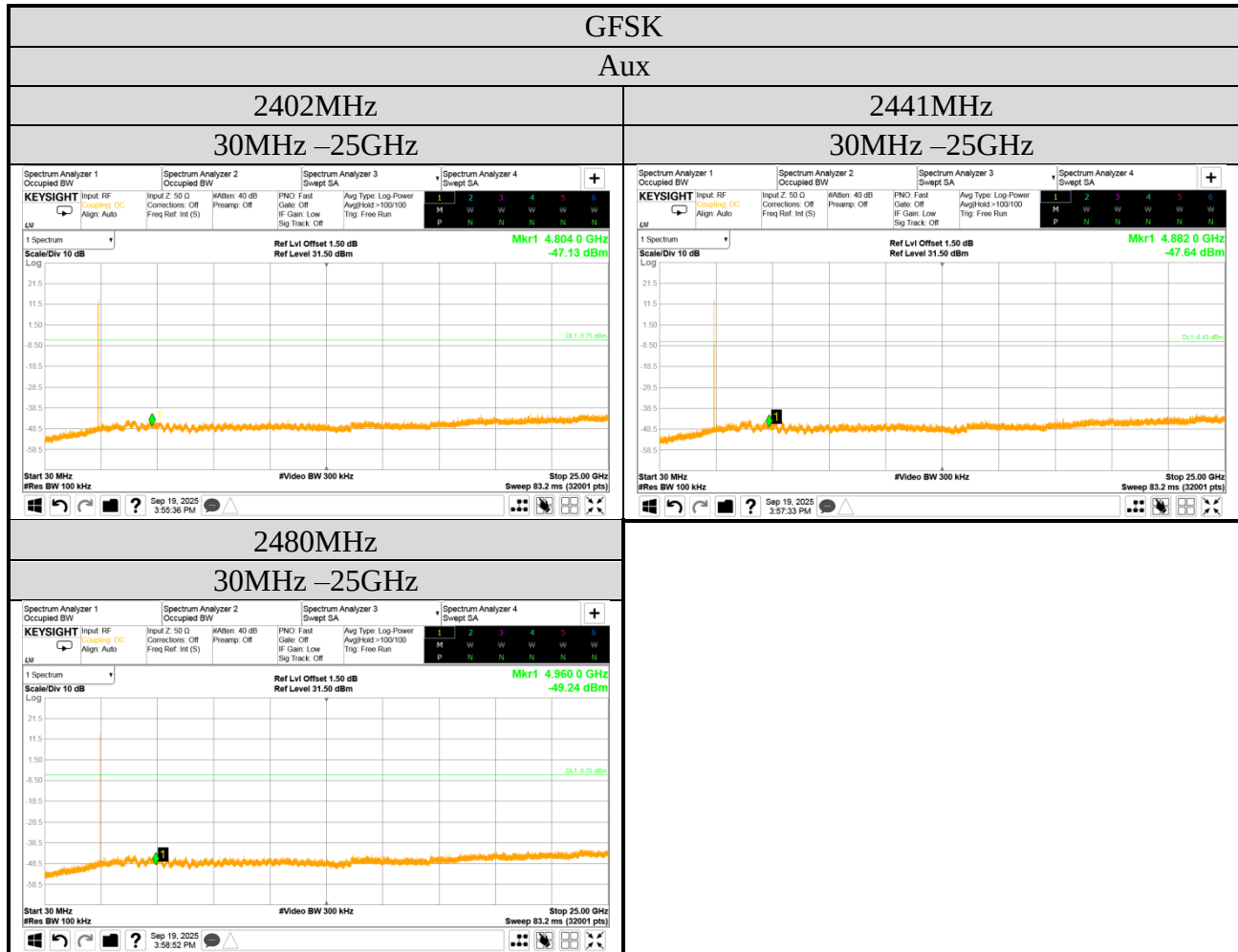
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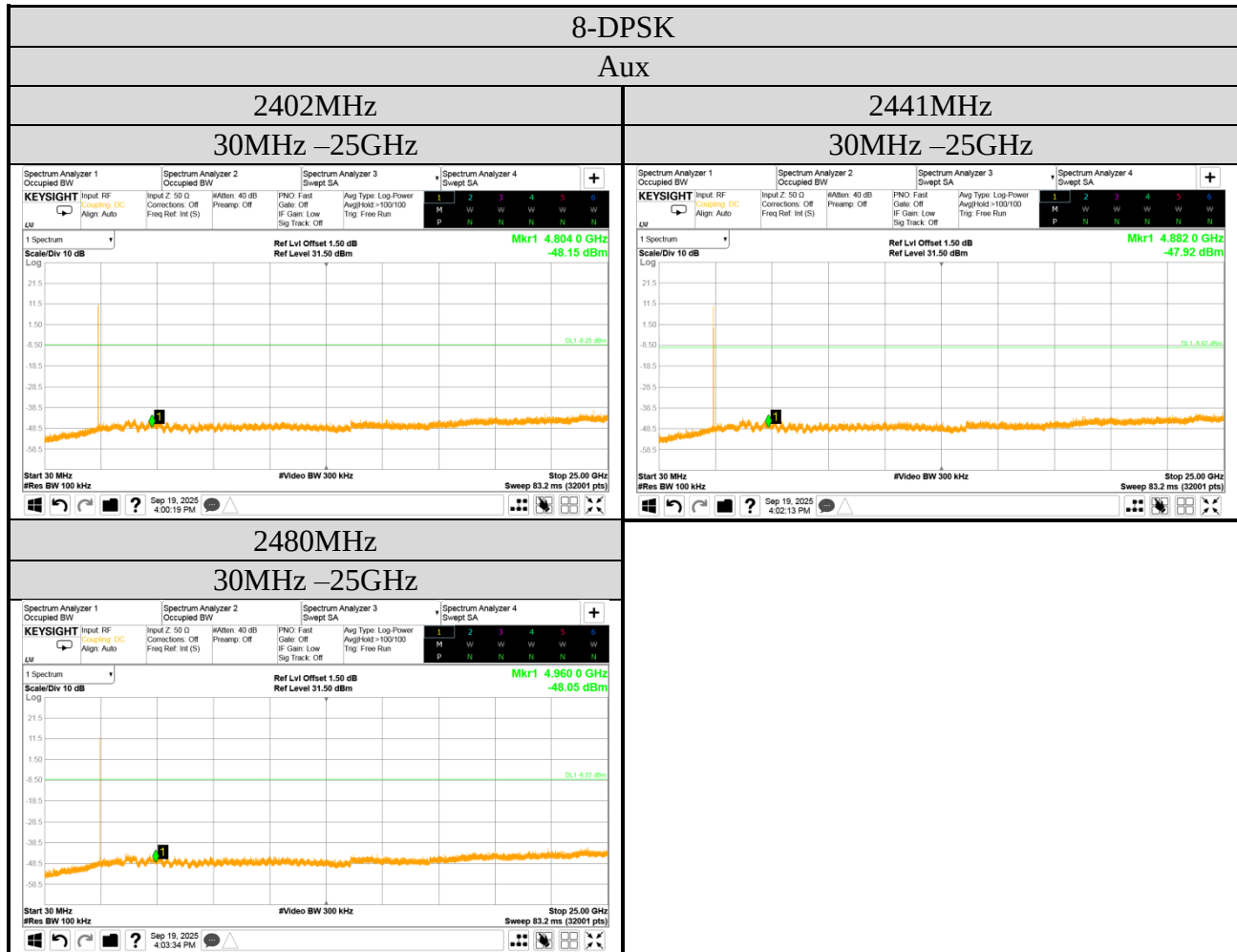
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