

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

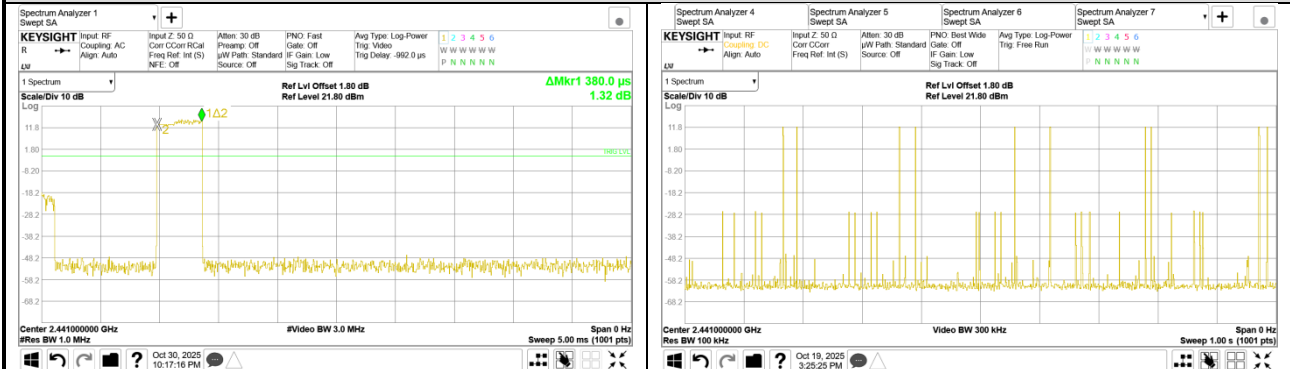
Tel: +886 2 26099301
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8-DPSK

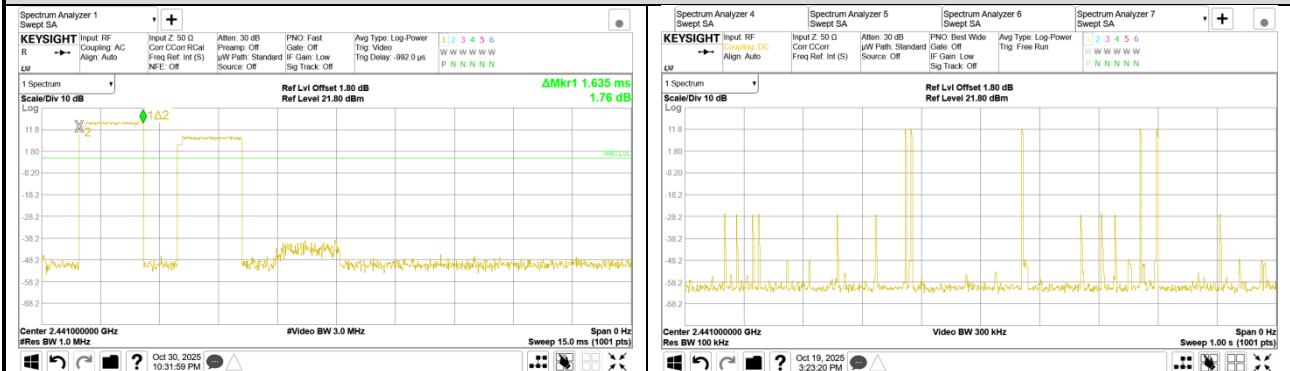
Aux

2441MHz

3DH1



3DH3



3DH5



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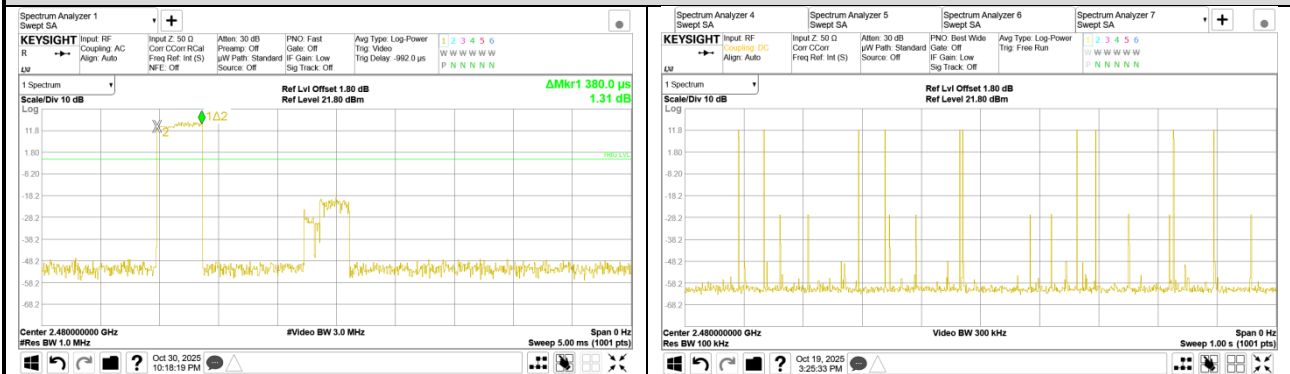
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8-DPSK

Aux

2480MHz

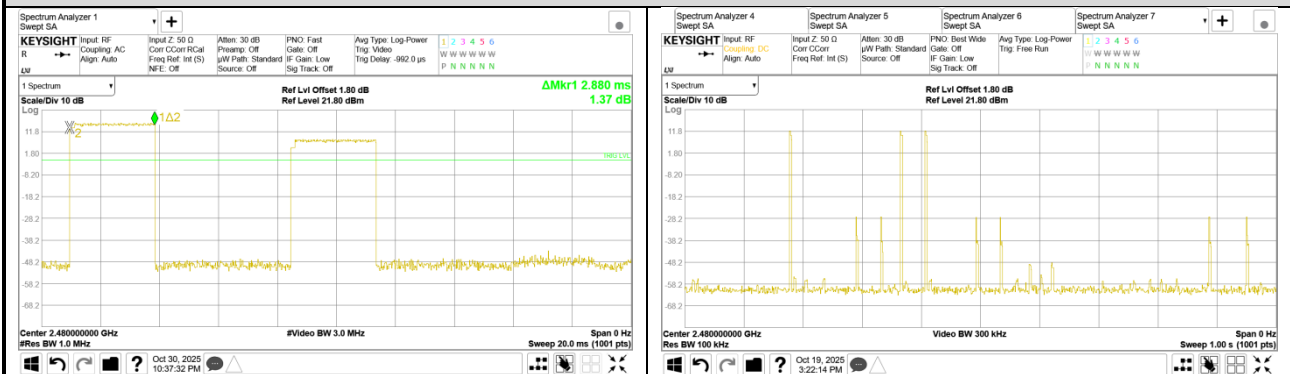
3DH1



3DH3



3DH5



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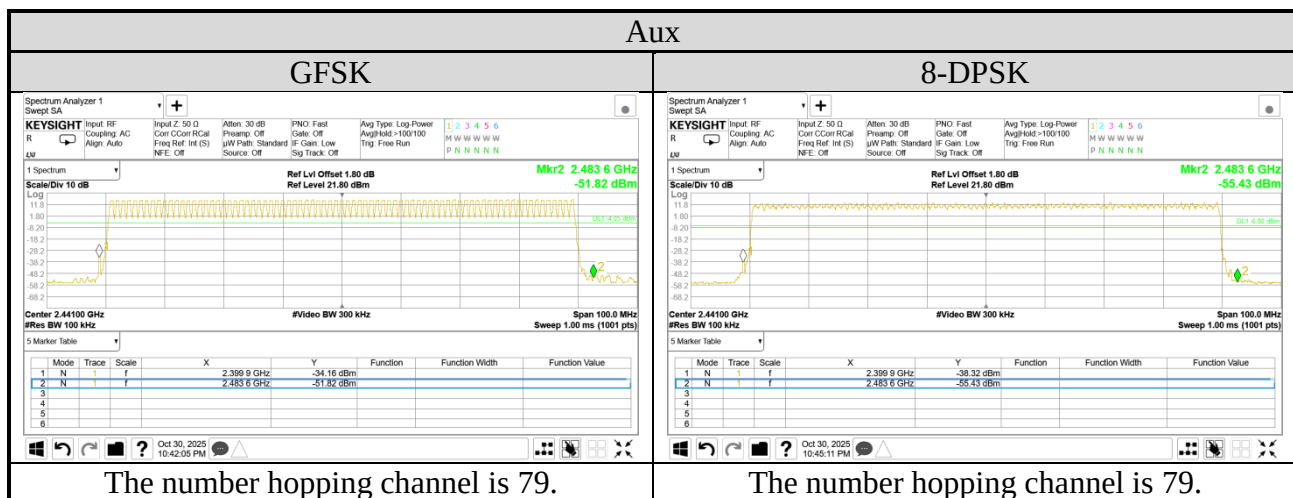
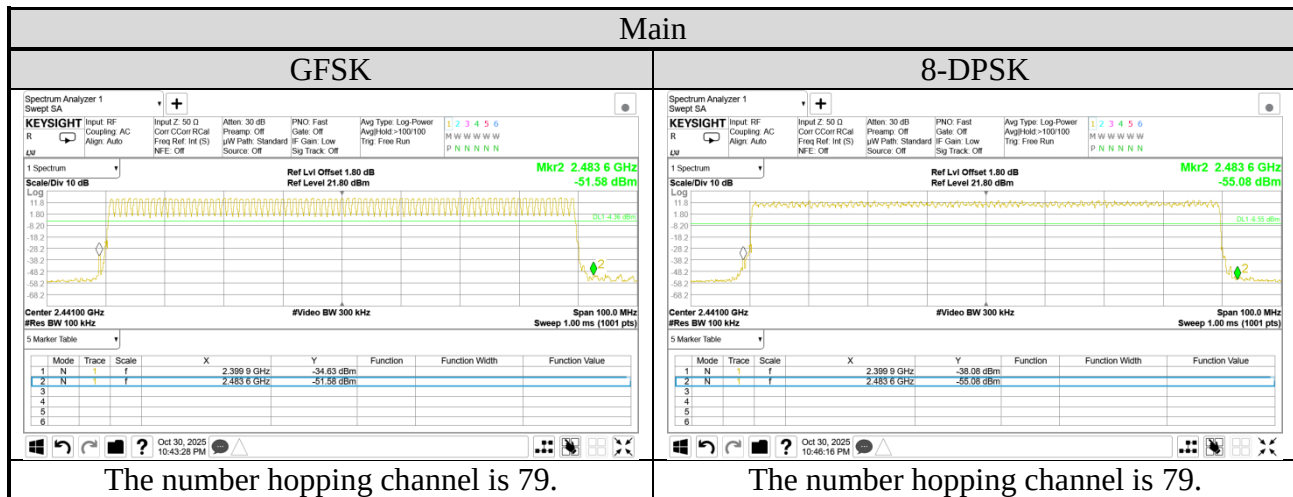
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A.6 NUMBER OF HOPPING CHANNELS

Test Date	2025/10/30	Temp./Hum.	24°C/56%
Cable Loss	1.80dB	Tested By	Chuntse Wu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		



A.7 MAXIMUM PEAK OUTPUT POWER

Test Date	2025/09/23 ~ 25	Temp./Hum.	22~25°C/57~63%
Cable Loss	---	Tested By	Chuntse Wu
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	15.01	14.95	17.99	0.063	1.74	19.73	0.094	<30dBm (Maximum Peak Output Power) <36dBm (E.I.R.P)
	2441	15.13	15.24	18.20	0.066	1.74	19.94	0.099	
	2480	15.20	15.63	18.43	0.070	1.74	20.17	0.104	
8DPSK	2402	14.65	14.63	17.65	0.058	1.74	19.39	0.087	
	2441	15.33	14.99	18.17	0.066	1.74	19.91	0.098	
	2480	15.89	15.30	18.62	0.073	1.74	20.36	0.109	

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 = $10 \log[(10^{1.46/10} + 10^{2.0/10})/2] = 1.74$ 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	13.61	13.60	1.158	17.77	0.060	1.74	19.51	0.089	<30dBm (Maximum Peak Output Power) <36dBm (E.I.R.P)
	2441	13.72	13.88	1.158	17.97	0.063	1.74	19.71	0.094	
	2480	14.01	14.17	1.158	18.26	0.067	1.74	20.00	0.100	
8DPSK	2402	11.13	11.80	1.158	15.65	0.037	1.74	17.39	0.055	
	2441	11.94	11.42	1.158	15.86	0.039	1.74	17.60	0.058	
	2480	11.88	11.68	1.158	15.95	0.039	1.74	17.69	0.059	

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 = $10 \log[(10^{1.46/10} + 10^{2.0/10})/2] = 1.74$ 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).

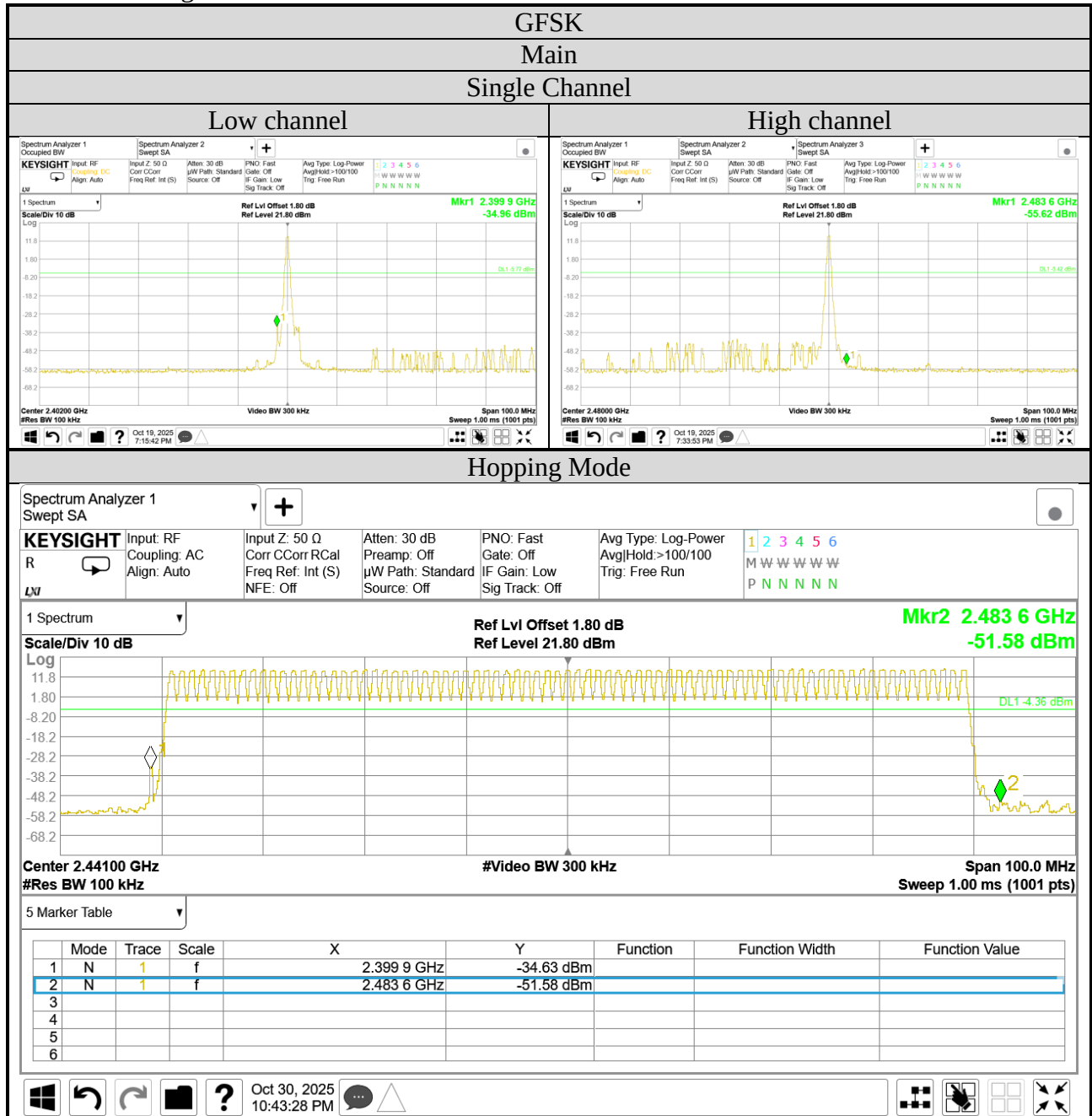
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A.8 EMISSION LIMITATIONS MEASUREMENT

Test Date	2025/10/19 ~ 30	Temp./Hum.	24 ~ 25°C/56 ~ 61%
Cable Loss	1.80dB	Tested By	Chuntse Wu
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.8.1 Band Edge



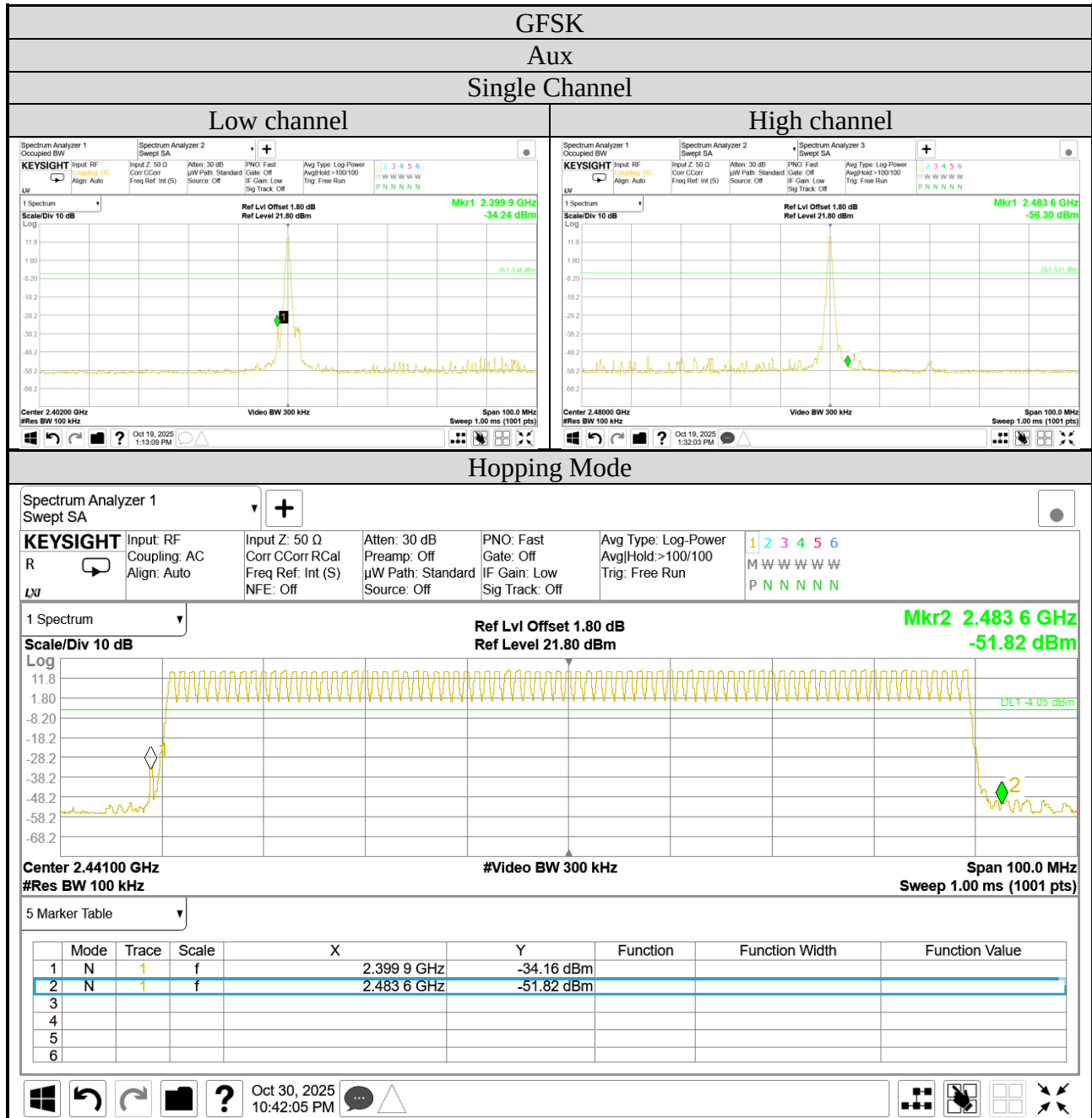
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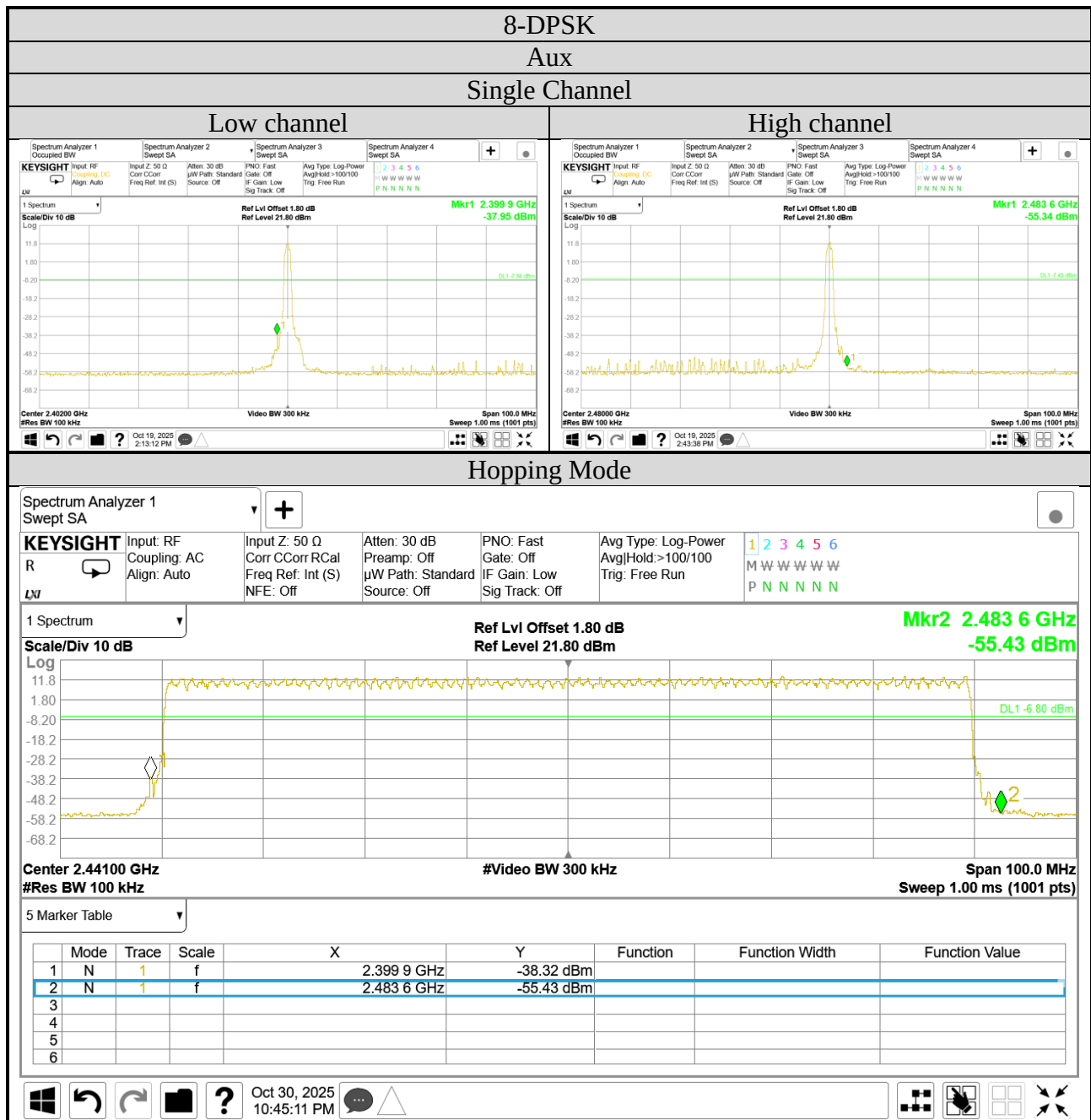
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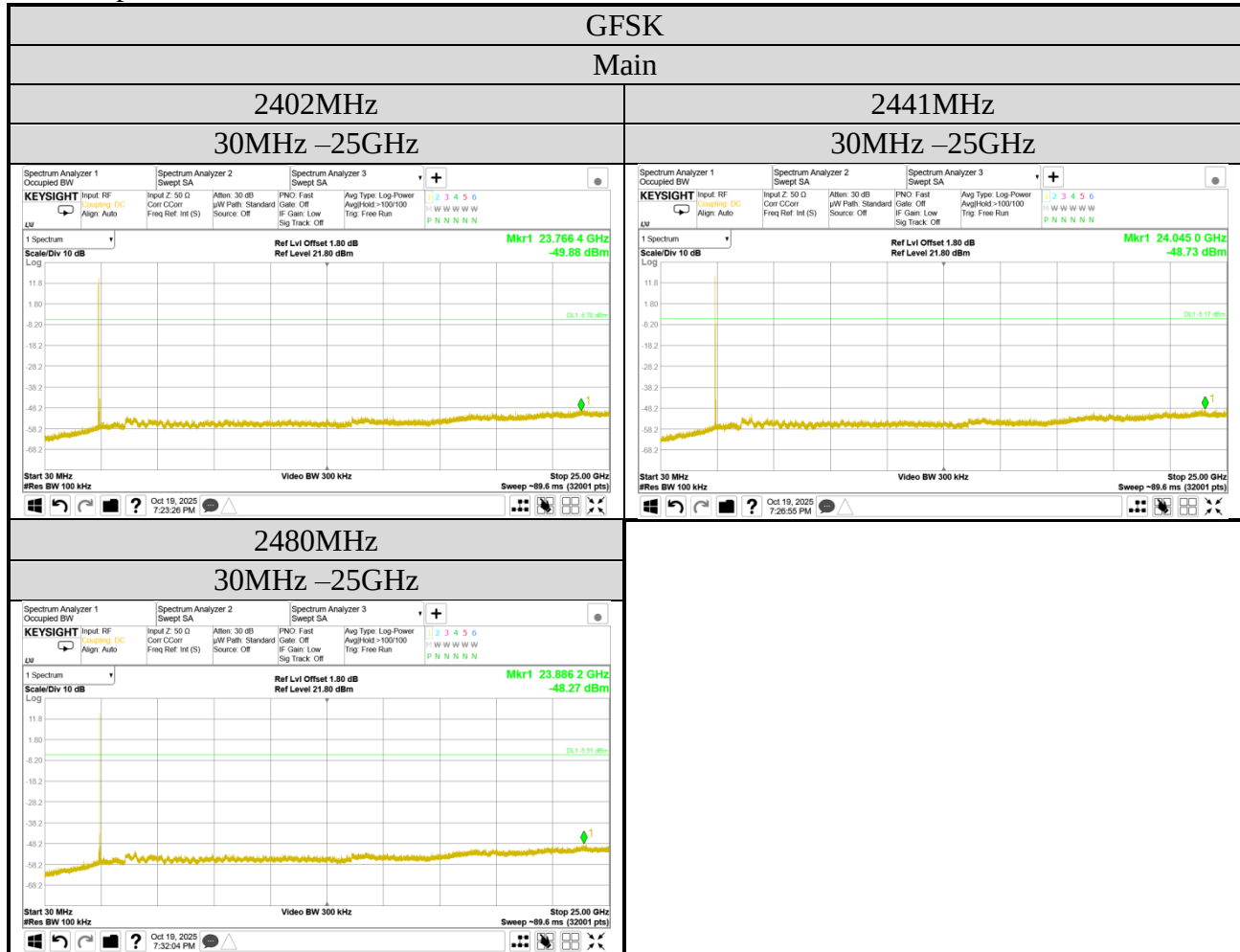
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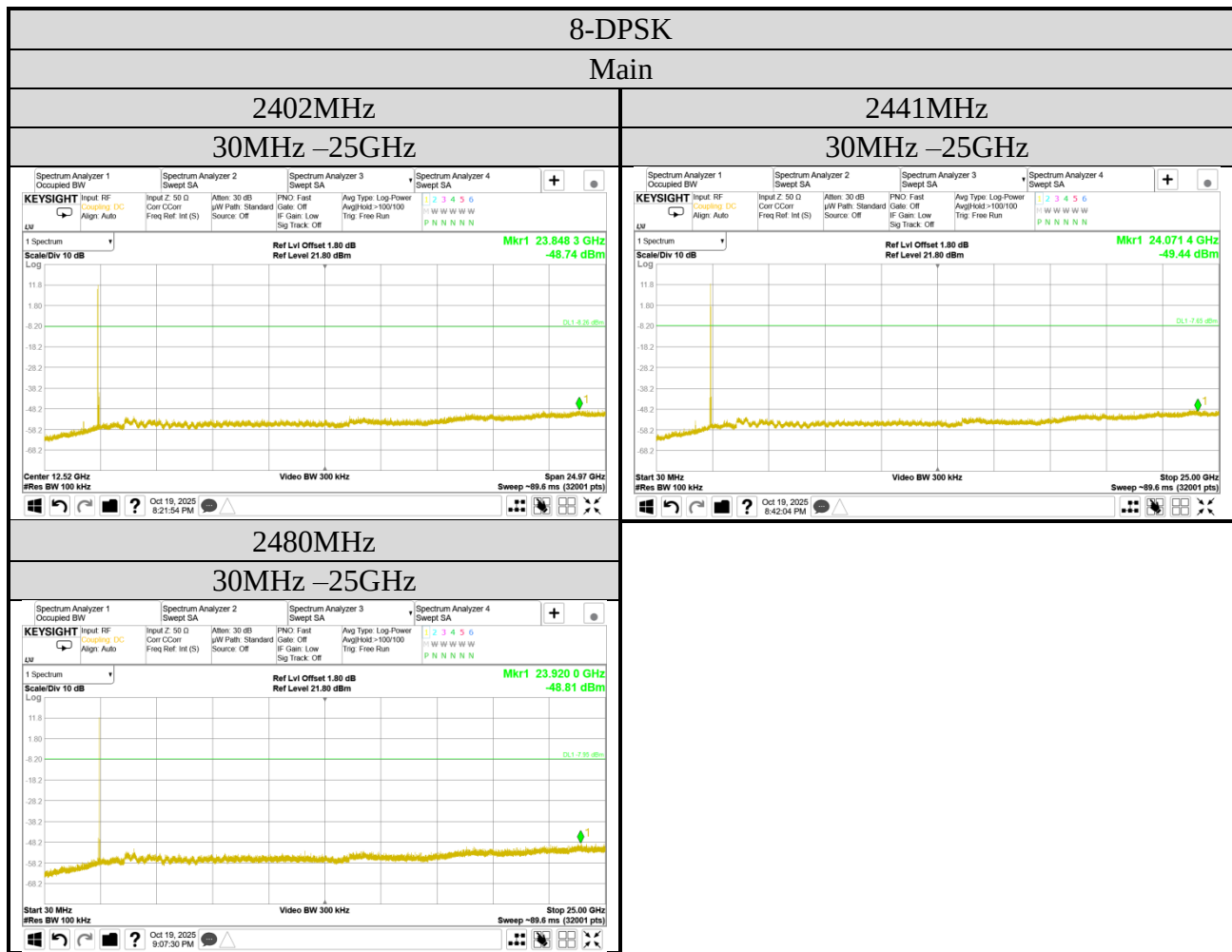
A.8.2 Spurious Emission



Note: All results have been included cable loss.

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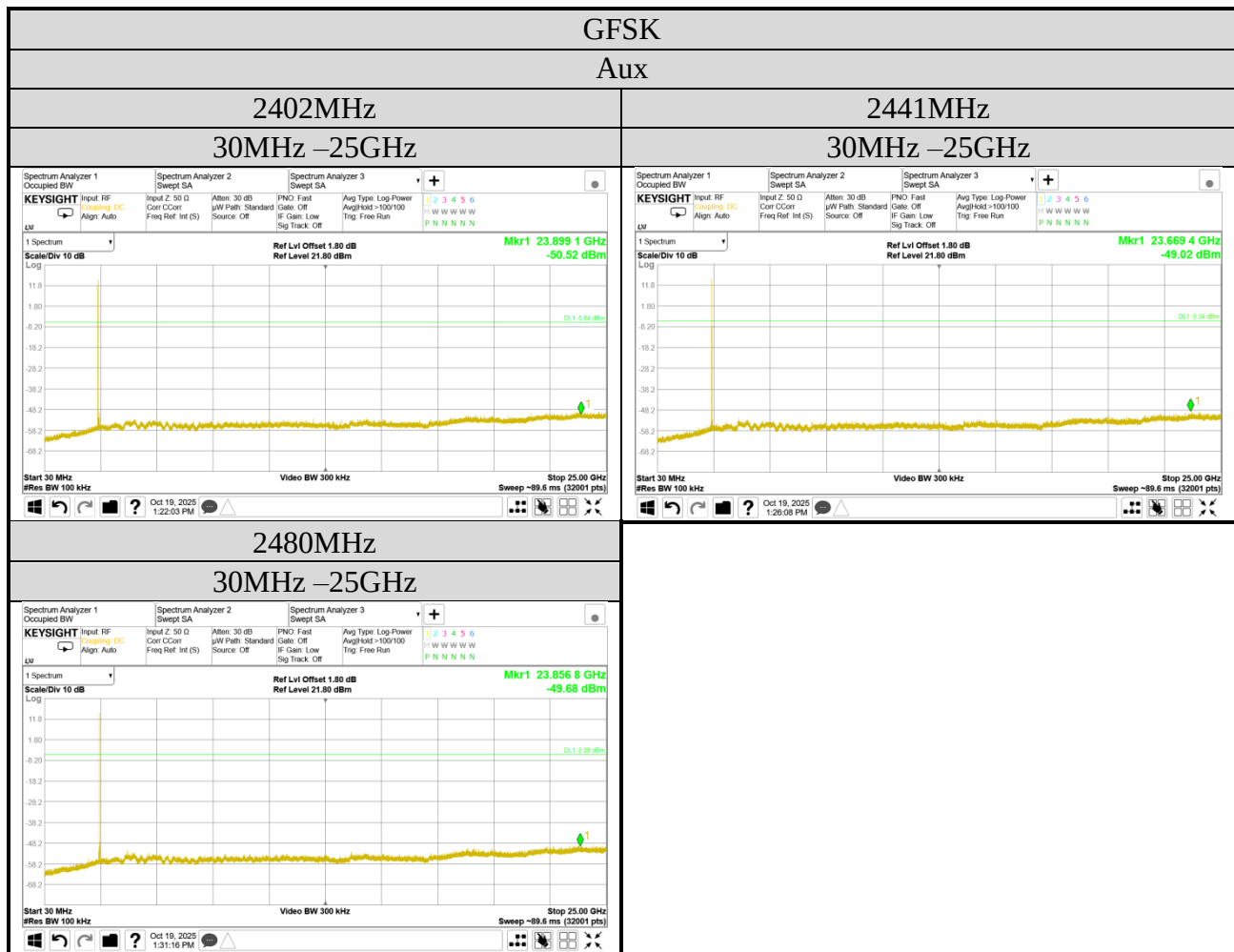
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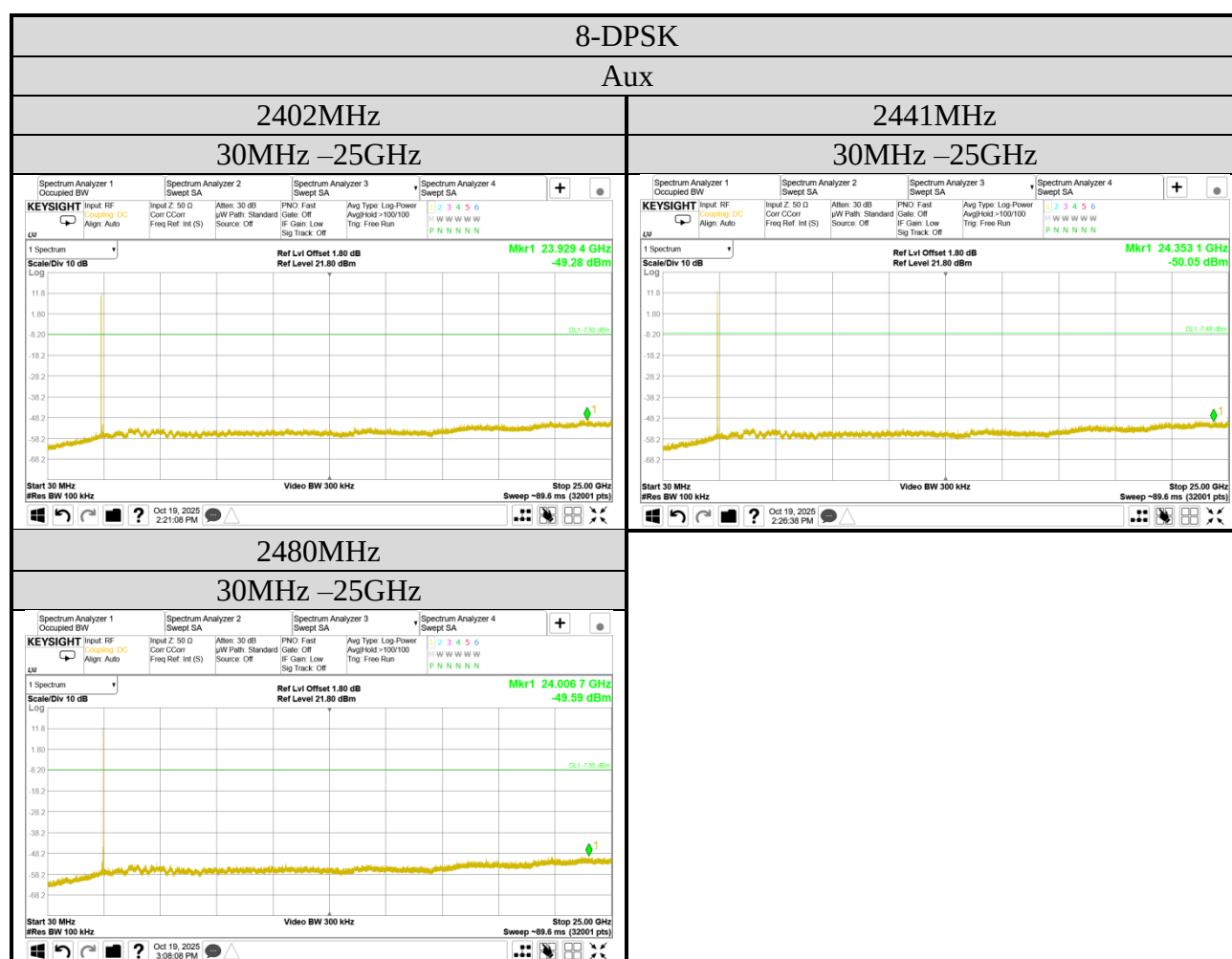
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