

**CERTIFICATE OF  
 CALIBRATION**



Certificate No. ACT-1272

<b>CERTIFICATION NUMBER</b>	CP150-30636-840	<b>IDENTIFICATION</b>	EL-016A
<b>FOR</b>	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902	<b>SERIAL NUMBER</b>	
<b>TEST INSTRUMENT</b>	Function Generator	<b>PURCHASE ORDER #</b>	
<b>MAKE</b>	Koolertron	<b>PROCEDURES FOLLOWED</b>	EL-016A rev. 1
<b>MODEL</b>	GH-CJDS66-A		
<b>RANGE</b>	15MHz		
<b>CUSTOMER LOCATION</b>	Location1 Location2	<b>STANDARDS USED</b>	
<b>CONDITION RECEIVED</b>	In Tolerance	<b>INSTRUMENT</b>	<b>SERIAL NUMBER</b>
<b>CONDITION RETURNED</b>	In Tolerance	AG1-009	830
<b>CALIBRATED BY</b>	Brian L Gliszinski	<b>TRACE NUMBER</b>	C0291-56825-541
<b>REVIEWED/ISSUED</b>	D.P. 07/29/2025	<b>NEXT CAL</b>	10/31/2025
<b>CALIBRATION LOCATION</b>	FVM		
<b>ENVIRONMENT</b>	69.0°F, 31.0%RH, 28.99inHg		
<b>CALIBRATION DATE</b>	05/30/2025		
<b>RECALIBRATION DUE</b>	05/30/2026		



**CALIBRATION RESULTS**

\* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Channel 1						
Frequency Accuracy	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
DDS	1.000000	0.9999800	1.0000200	1.0000000	1.0000000	6.0E-8
	10.000000	9.999800	10.000200	10.000000	10.000000	6.0E-7
	15.000000	14.999700	15.000300	15.000000	15.000000	6.0E-7
Sine Wave Flatness	V(ac)	V(ac)	V(ac)	V(ac)	V(ac)	
10 Hz to 10 MHz	1.000	0.950	1.050	1.000	1.000	6.0E-4
10 MHz to 15 MHz	1.000	0.900	1.100	1.000	1.000	6.0E-4
Square Rise Time						
<= 30 nS	(ck)	(ck)	(ck)	(ck)	(ck)	(ck)
	Pass/Fail	Pass/Fail	Pass/Fail	Pass	Pass	
Channel 2						
Frequency Accuracy	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)	(MHz)
DDS	1.000000	0.9999950	1.0000050	1.0000000	1.0000000	6.0E-8
	10.000000	9.999995	10.0000050	10.000000	10.000000	6.0E-7
	15.000000	14.999925	15.000075	15.000000	15.000000	6.0E-7
Sine Wave Flatness	V(ac)	V(ac)	V(ac)	V(ac)	V(ac)	
10 Hz to 10 MHz	1.000	0.950	1.050	1.000	1.000	6.0E-4

**Fox Valley Metrology**

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 Oshkosh, WI 54902  
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<https://www.FoxValleyMetrology.com>

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FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
10 MHz to 15 MZh	1.000	0.900	1.100	1.000	1.000	6.0E-4
Square Rise Time <= 30 nS	(ck) Pass/Fail	(ck) Pass/Fail	(ck) Pass/Fail	(ck) Pass	(ck) Pass	(ck)

**COMMENTS**

Example certificate, actual results and uncertainties will be reported at the time of calibration.  
 Nominal and limits may vary based on actual make/model.

- This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 10: 06/04/2024
- Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered "shared responsibility.") Uncertainties expressed in nominal units.
- The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.