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#### **Customer Information**

Accurate Calibration & Repair 1924 Pinnacle Drive Aurora, IL 60504 PO #: 2304

Reference #: 2353177Rg17025

Account #: 00317 SO #: 53177

#### **Instrument Identification**

Instrument Id: 49103 Location: Secondary Standard

Noun: Multifunction Calibrator, 2 Channel Model: CL525
Mfr: Omega Serial #: 49103

Accuracy: See manufacturer's specifications

#### **Certification Information**

Reason For Service: Calibration with Data

Technician: Appeaelle Bullock

Type Of Calibration: Accredited 17025 Cal Date: 24 JAN 23
As Found Condition: In Tolerance Cal Due: 24 APR 23

As Left Condition: Left As Found Temperature: 22.0 °C

Procedure: MFR Manual: Humidity: 35.0 %

Technician Remarks: Calibrated per AMS 2750 G at Customer specified calibration points.

- No sampling plan or other procedure was used for this calibration. Measurements and information on this certificate are valid at time of calibration only and any number of factors may cause the calibrated item to drift out of tolerance before the assigned calibration interval.
- The calibration results published in this certificate were obtained using test equipment that has been calibrated by Certified Standards and are traceable through the National Institute of Standards and Technology (NIST), derived from natural physical constants, from ratio measurements, or compared to consensus standards to the International System of Units (SI).
- Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage
  factor of k=2. J.H. Metrology Co., Inc. does not apply the reported calculated measurement uncertainty to manufacturer or other
  sources of tolerances/specifications to determine the instrument pass or fail status. (Uncertainties are listed separately for each test
  point.) It is the responsibility of the Customer to consider measurement uncertainty when determining the instrument suitability.
- (!) Designates that the expanded uncertainty of measurement does not meet the 95% confidence level.
- This certificate may contain data that is not covered by our 17025 Scope of Accreditation and are marked with an asterisk (\*). Pass/Fail tests are not accredited. Calibration Standards listed on this Certificate of Calibration with a Due Date of 00 0000 are support items that do not require calibration (NPCR).
- · J.H. Metrology Co., Inc.'s Calibration Control System complies with applicable requirements of ANSI Z540-1, ISO 9001:2015 (by DQS, Inc), ISO/IEC 17025:2017 (by A2LA), and when required contractually, 10CFR21.
- The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without the written permission of J.H. Metrology Co., Inc.

Metrology Technician

Neil Willert, President

Quality Approval Date: Jan 24, 2023



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Tolerance 🗴 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found		As Left	Min	Max	Uncertainty
		Volta	ge O	utput Accuracy			
-20 to 200 mV	-20.000	-19.99948	<b>✓</b>	As Found	-20.004	-19.996	0.00063 mV
	0.000	0.00017	<b>✓</b>	As Found	-0.002	0.002	0.00059 mV
	10.000	10.00007	<b>✓</b>	As Found	9.997	10.003	0.00061 mV
	50.000	49.99943	<b>✓</b>	As Found	49.993	50.007	0.00073 mV
	100.000	99.99874	<b>✓</b>	As Found	99.988	100.012	0.00097 mV
	200.000	199.9988	<b>✓</b>	As Found	199.978	200.022	0.0016 mV
-0.2 to 2 V	-0.20000	-0.1999978	<b>✓</b>	As Found	-0.20003	-0.19997	0.0000060 V
	-0.10000	-0.09999924	<b>✓</b>	As Found	-0.10002	-0.09998	0.0000059 V
	0.00000	-0.0000016	<b>✓</b>	As Found	-0.00001	0.00001	0.0000058 V
	0.50000	0.4999937	<b>✓</b>	As Found	0.49994	0.50006	0.0000064 V
	1.00000	0.9999875	<b>✓</b>	As Found	0.99989	1.00011	0.0000077 V
	2.00000	1.999982	<b>✓</b>	As Found	1.99979	2.00021	0.000016 V
-2 to 20 V	-2.00000	-1.999964	<b>✓</b>	As Found	-2.00028	-1.99972	0.000060 V
	-1.00000	-0.9999829	<b>✓</b>	As Found	-1.00018	-0.99982	0.000058 V
	0.00000	0.00000219	<b>✓</b>	As Found	-0.00008	0.00008	0.000058 V
	5.00000	4.999935	<b>✓</b>	As Found	4.99942	5.00058	0.000064 V
	10.00000	9.999861	<b>✓</b>	As Found	9.99892	10.00108	0.000077 V
	20.00000	19.99984	<b>✓</b>	As Found	19.99792	20.00208	0.00020 V
'		Volta	age li	nput Accuracy			
-20 to 200 mV	-20.000	-19.998	<b>✓</b>	As Found	-20.005	-19.995	0.00090 mV
	-10.000	-9.998	<b>✓</b>	As Found	-10.004	-9.996	0.00083 mV
	0.000	0.000	<b>✓</b>	As Found	-0.003	0.003	0.00077 mV
	50.000	49.999	<b>✓</b>	As Found	49.993	50.007	0.0012 mV
	100.000	99.999	<b>✓</b>	As Found	99.987	100.013	0.0016 mV
	200.000	199.996	<b>✓</b>	As Found	199.977	200.023	0.0024 mV
-200 to 2000 mV	-200.00	-199.99	<b>✓</b>	As Found	-200.04	-199.96	0.0063 mV
	-100.00	-99.99	<b>✓</b>	As Found	-100.03	-99.97	0.0060 mV
	0.00	0.00	<b>✓</b>	As Found	-0.02	0.02	0.0058 mV
	100.00	99.99	<b>✓</b>	As Found	99.97	100.03	0.0060 mV
	500.00	500.00	<b>✓</b>	As Found	499.93	500.07	0.0070 mV
	1000.00	1000.00	<b>✓</b>	As Found	999.88	1000.12	0.0090 mV
	2000.00	2000.00	<b>✓</b>	As Found	1999.78	2000.22	0.014 mV
-2 to 20 V	-2.0000	-2.0000	<b>✓</b>	As Found	-2.0004	-1.9996	0.000060 V
	-1.0000	-0.9999	<b>✓</b>	As Found	-1.0003	-0.9997	0.000059 V



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✓ In Tolerance 💢 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	d	As Left	Min	Max	Uncertainty
		Volta	age li	nput Accuracy			
	0.0000	0.0000	<b>✓</b>	As Found	-0.0002	0.0002	0.000058 V
	2.0000	2.0000	<b>✓</b>	As Found	1.9996	2.0004	0.000060 V
	5.0000	5.0000	<b>✓</b>	As Found	4.9993	5.0007	0.000063 V
	10.0000	10.0000	<b>✓</b>	As Found	9.9988	10.0012	0.000072 V
	20.0000	20.0000	✓	As Found	19.9978	20.0022	0.00011 V
		mAn	ıp Oı	itput Accuracy			
0 to 50 mA	0.0000	0.00004196	<b>✓</b>	As Found	-0.0004	0.0004	0.000058 mA
	1.0000	0.9999693	<b>✓</b>	As Found	0.9995	1.0005	0.000062 mA
	5.0000	4.999812	<b>✓</b>	As Found	4.9991	5.0009	0.00015 mA
	10.0000	9.999583	<b>✓</b>	As Found	9.9986	10.0014	0.00023 mA
	30.0000	29.99887	<b>✓</b>	As Found	29.9966	30.0034	0.0026 mA
	50.0000	49.99902	<b>✓</b>	As Found	49.9946	50.0054	0.0038 mA
		mAı	mp Ir	put Accuracy			
-5 to 50 mA	-5.0000	-5.0001	<b>✓</b>	As Found	-5.0013	-4.9987	0.00026 mA
	1.0000	1.0001	<b>✓</b>	As Found	0.9994	1.0006	0.000076 mA
	5.0000	5.0000	<b>✓</b>	As Found	4.9990	5.0010	0.00026 mA
	10.0000	9.9999	<b>✓</b>	As Found	9.9985	10.0015	0.00046 mA
	30.0000	29.9997	<b>✓</b>	As Found	29.9966	30.0034	0.0023 mA
	50.0000	49.9995	<b>✓</b>	As Found	49.9945	50.0055	0.0033 mA
		Thermo	coup	le Input Accura	су		
Type J -210 to 1200°C	-190.0	-189.99	<b>✓</b>	As Found	-190.2	-189.8	0.0072 °C
RJ ext. @ 0.0°C	-50.0	-50.02	<b>✓</b>	As Found	-50.2	-49.8	0.0064 °C
	0.0	0.00	<b>✓</b>	As Found	-0.2	0.2	0.0063 °C
	100.0	99.97	<b>✓</b>	As Found	99.8	100.2	0.0063 °C
	300.0	299.99	<b>✓</b>	As Found	299.8	300.2	0.0063 °C
	600.0	599.96	<b>✓</b>	As Found	599.7	600.3	0.0070 °C
	750.0	749.97	<b>✓</b>	As Found	749.7	750.3	0.0082 °C
	1000.0	999.99	✓	As Found	999.7	1000.3	0.0082 °C
	1200.0	1200.01	✓	As Found	1199.7	1200.3	0.011 °C
Degrees F	32.0	31.9	✓	As Found	31.7	32.3	0.058 °F
Type K -270 to 1370°C	-160.0	-160.03	✓	As Found	-160.2	-159.8	0.049 °C
	-50.0	-50.03	✓	As Found	-50.2	-49.8	0.0070 °C
	0.0	-0.01	<b>✓</b>	As Found	-0.2	0.2	0.0070 °C



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✓ In Tolerance 💢 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found		As Left	Min	Max	Uncertainty
		Thermo	coup	le Input Accura	су		
	100.0	100.00	<b>✓</b>	As Found	99.8	100.2	0.0070 °C
	300.0	299.96	<b>✓</b>	As Found	299.8	300.2	0.0070 °C
	500.0	500.00	<b>✓</b>	As Found	499.7	500.3	0.0070 °C
	700.0	700.02	<b>✓</b>	As Found	699.7	700.3	0.0080 °C
	900.0	899.99	<b>✓</b>	As Found	899.7	900.3	0.0080 °C
	1100.0	1100.04	<b>✓</b>	As Found	1099.7	1100.3	0.011 °C
	1260.0	1260.00	<b>✓</b>	As Found	1259.7	1260.3	0.013 °C
Degrees F	32.0	32.0	<b>✓</b>	As Found	31.7	32.3	0.059 °F
Type T -270 to 400°C	-260.0	-260.1	<b>✓</b>	As Found	-260.2	-259.8	0.091 °C
	-130.0	-130.00	<b>✓</b>	As Found	-130.11	-129.89	0.0080 °C
	-50.0	-50.01	<b>✓</b>	As Found	-50.12	-49.88	0.0071 °C
	0.00	0.00	<b>✓</b>	As Found	-0.11	0.11	0.0070 °C
	100.00	100.00	<b>✓</b>	As Found	99.89	100.11	0.0070 °C
	200.00	199.98	<b>✓</b>	As Found	199.87	200.13	0.0064 °C
	300.00	300.00	<b>✓</b>	As Found	299.86	300.14	0.0070 °C
	400.00	399.99	<b>✓</b>	As Found	399.85	400.15	0.0070 °C
Degrees F	32.0	31.9	<b>✓</b>	As Found	31.8	32.2	0.058 °F
Type E -270 to 1000°C	-200.0	-199.98	<b>✓</b>	As Found	-200.2	-199.8	0.013 °C
	-100.0	-100.02	<b>✓</b>	As Found	-100.2	-99.8	0.0070 °C
	0.0	0.00	<b>✓</b>	As Found	-0.2	0.2	0.0062 °C
	50.0	49.99	<b>✓</b>	As Found	49.8	50.2	0.0062 °C
	100.0	100.02	<b>✓</b>	As Found	99.8	100.2	0.0070 °C
	200.0	199.98	<b>✓</b>	As Found	199.8	200.2	0.0070 °C
	400.0	399.97	<b>✓</b>	As Found	399.8	400.2	0.0070 °C
	500.0	499.97	<b>✓</b>	As Found	499.7	500.3	0.0070 °C
	750.0	750.00	<b>✓</b>	As Found	749.7	750.3	0.0090 °C
	1000.0	1000.01	<b>✓</b>	As Found	999.7	1000.3	0.0090 °C
Degrees F	32.0	31.9	<b>✓</b>	As Found	31.7	32.3	0.058 °F
Type R -50 to 1760°C	150.0	150.02	<b>✓</b>	As Found	149.7	150.3	0.016 °C
	300.0	300.04	<b>✓</b>	As Found	299.7	300.3	0.016 °C
	500.0	500.07	<b>✓</b>	As Found	499.6	500.4	0.015 °C
	1000.0	999.98	<b>✓</b>	As Found	999.6	1000.4	0.014 °C
	1200.0	1199.98	<b>✓</b>	As Found	1199.68	1200.32	0.014 °C
	1760.0	1760.02	<b>✓</b>	As Found	1759.5	1760.5	0.017 °C



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✓ In Tolerance Calibration Data									
Range	Nominal	As Found		As Left	Min	Max	Uncertainty		
		Thermo	coup	le Input Accura	псу				
Type S -50 to 1760°C	170.0	170.07	<b>✓</b>	As Found	169.7	170.3	0.016 °C		
	300.0	300.03	<b>✓</b>	As Found	299.7	300.3	0.016 °C		
	500.0	499.95	<b>✓</b>	As Found	499.6	500.4	0.016 °C		
	750.0	750.00	<b>✓</b>	As Found	749.6	750.4	0.015 °C		
	1000.0	1000.00	<b>✓</b>	As Found	999.6	1000.4	0.015 °C		
	1760.0	1760.01	<b>✓</b>	As Found	1759.5	1760.5	0.019 °C		
Type B 50 to 1820°C	920.0	920.00	<b>✓</b>	As Found	919.5	920.5	0.017 °C		
	1200.0	1200.03	<b>✓</b>	As Found	1199.5	1200.5	0.015 °C		
	1400.0	1399.99	<b>✓</b>	As Found	1399.4	1400.6	0.015 °C		
	1600.0	1599.95	<b>✓</b>	As Found	1599.4	1600.6	0.016 °C		
	1820.0	1820.00	<b>✓</b>	As Found	1819.4	1820.6	0.016 °C		
Degrees F	2000.0	2000.0	<b>✓</b>	As Found	1999.2	2000.8	0.061 °F		
Type N -270 to 1300°C	0.0	-0.02	<b>✓</b>	As Found	-0.2	0.2	0.0080 °C		
	50.0	50.00	<b>✓</b>	As Found	49.8	50.2	0.0074 °C		
	100.0	100.02	<b>✓</b>	As Found	99.8	100.2	0.0070 °C		
	250.0	250.00	<b>✓</b>	As Found	249.8	250.2	0.0070 °C		
	300.0	299.97	<b>✓</b>	As Found	299.8	300.2	0.0070 °C		
	500.0	500.00	<b>✓</b>	As Found	499.7	500.3	0.0074 °C		
	700.0	699.98	<b>✓</b>	As Found	699.7	700.3	0.0074 °C		
	1000.0	999.99	<b>✓</b>	As Found	999.7	1000.3	0.0090 °C		
	1300.0	1299.97	<b>✓</b>	As Found	1299.7	1300.3	0.011 °C		
		Thermod	oupl	e Output Accur	acy		•		
Type J -210 to 1200°C	-190.0	-190.00	<b>✓</b>	As Found	-190.12	-189.88	0.0072 °C		
	0.00	0.01	<b>✓</b>	As Found	-0.10	0.10	0.0063 °C		
	100.0	100.02	<b>✓</b>	As Found	99.89	100.11	0.0063 °C		
	300.0	300.01	<b>✓</b>	As Found	299.87	300.13	0.0063 °C		
	500.0	499.97	<b>✓</b>	As Found	499.85	500.15	0.0070 °C		
	1200.0	1199.98	<b>✓</b>	As Found	1199.78	1200.22	0.011 °C		
Degrees F	32.0	32.02	✓	As Found	31.82	32.18	0.058 °F		
Type K -270 to 1370°C	-160.0	-159.97	<b>✓</b>	As Found	-160.12	-159.88	0.049 °C		
	0.0	0.01	<b>✓</b>	As Found	-0.10	0.10	0.0070 °C		
	100.0	99.98	✓	As Found	99.89	100.11	0.0070 °C		
	300.0	300.05	✓	As Found	299.87	300.13	0.0070 °C		
	500.0	500.00	<b>✓</b>	As Found	499.85	500.15	0.0070 °C		



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✓ In Tolerance 🗴 Out	of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	1	As Left	Min	Max	Uncertainty
		Thermod	oupl	e Output Accur	асу		
	1260.0	1260.00	✓	As Found	1259.77	1260.23	0.013 °C
Degrees F	32.0	32.02	<b>✓</b>	As Found	31.82	32.18	0.059 °F
Type T -270 to 400°C	-260.0	-259.955	<b>✓</b>	As Found	-260.2	-259.8	0.091 °C
	-130.0	-129.98	<b>✓</b>	As Found	-130.12	-129.88	0.0080 °C
	0.0	0.02	<b>✓</b>	As Found	-0.10	0.10	0.0070 °C
	100.0	99.98	<b>✓</b>	As Found	99.89	100.11	0.0070 °C
	250.0	249.98	<b>✓</b>	As Found	249.87	250.13	0.0070 °C
	400.0	400.01	<b>✓</b>	As Found	399.86	400.14	0.0070 °C
Degrees F	32.0	32.04	<b>✓</b>	As Found	31.82	32.18	0.058 °F
Type E -270 to 1000°C	-200.0	-200.01	<b>✓</b>	As Found	-200.12	-199.88	0.013 °C
	0.0	0.01	<b>✓</b>	As Found	-0.10	0.10	0.0062 °C
	100.0	99.98	<b>✓</b>	As Found	99.89	100.11	0.0070 °C
	250.0	250.03	<b>✓</b>	As Found	249.87	250.13	0.0070 °C
	500.0	500.02	<b>✓</b>	As Found	499.85	500.15	0.0070 °C
	1000.0	999.98	<b>✓</b>	As Found	999.80	1000.20	0.0090 °C
Degrees F	32.0	32.02	<b>✓</b>	As Found	31.82	32.18	0.058 °F
Type R -50.0 to 1760°C	150.0	149.98	<b>✓</b>	As Found	149.78	150.22	0.016 °C
	500.0	499.95	<b>✓</b>	As Found	499.75	500.25	0.015 °C
	800.0	799.98	<b>✓</b>	As Found	799.72	800.28	0.015 °C
	1200.0	1200.02	<b>✓</b>	As Found	1199.68	1200.32	0.014 °C
	1500.0	1500.02	<b>✓</b>	As Found	1499.66	1500.34	0.017 °C
	1700.0	1700.00	<b>✓</b>	As Found	1699.63	1700.37	0.017 °C
Type S -50 to 1760°C	170.0	169.97	<b>✓</b>	As Found	169.78	170.22	0.016 °C
	500.0	500.08	<b>✓</b>	As Found	499.75	500.25	0.016 °C
	800.0	800.05	<b>✓</b>	As Found	799.72	800.28	0.015 °C
	1200.0	1200.04	<b>✓</b>	As Found	1199.68	1200.32	0.015 °C
	1500.0	1500.03	<b>✓</b>	As Found	1499.66	1500.32	0.019 °C
	1700.0	1700.02	<b>✓</b>	As Found	1699.63	1700.37	0.019 °C
Type B 50 to 1820°C	920.0	919.99	<b>✓</b>	As Found	919.61	920.39	0.017 °C
	1000.0	1000.03	<b>✓</b>	As Found	999.60	1000.40	0.017 °C
	1250.0	1250.00	<b>✓</b>	As Found	1249.57	1250.43	0.015 °C
	1500.0	1500.05	✓	As Found	1499.55	1500.45	0.016 °C
	1800.0	1800.00	<b>✓</b>	As Found	1799.52	1800.48	0.016 °C
Degrees F	1688.0	1687.98	<b>✓</b>	As Found	1687.29	1688.71	0.061 °F



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✓ In Tolerance	X Out of Tolerance	(	Calib	ration Data			
Range	Nominal	As Found	d	As Left	Min	Max	Uncertainty
		Thermod	oupl	e Output Accur	acy		
Type N -270 to 13	00°C -200.0	-199.93	<b>✓</b>	As Found	-200.12	-199.88	0.016 °C
	0.0	0.02	✓	As Found	-0.10	0.10	0.0080 °C
	100.0	99.99	✓	As Found	99.89	100.11	0.0070 °C
	300.0	300.04	<b>✓</b>	As Found	299.87	300.13	0.0070 °C
	600.0	600.00	<b>✓</b>	As Found	599.84	600.16	0.0074 °C
	1000.0	999.99	<b>✓</b>	As Found	999.80	1000.20	0.0090 °C
	1300.0	1300.02	<b>✓</b>	As Found	1299.77	1300.23	0.011 °C
Degre	ees F 32.0	32.04	<b>✓</b>	As Found	31.82	32.18	0.058 °F
	,	Ohi	ns In	put Accuracy	•		•
0 to 500 C	Ohms 0.000	0.001	<b>✓</b>	As Found	-0.012	0.012	0.00058 Ohms
	100.000	99.999	<b>✓</b>	As Found	99.978	100.022	0.0013 Ohms
	200.000	199.996	<b>✓</b>	As Found	199.968	200.032	0.0027 Ohms
	300.000	300.000	<b>✓</b>	As Found	299.958	300.042	0.0037 Ohms
	400.000	399.997	<b>✓</b>	As Found	399.948	400.052	0.0047 Ohms
	500.000	499.998	<b>✓</b>	As Found	499.938	500.062	0.0057 Ohms
0 to 5.0 kC	Ohms 0.00000	0.00000	<b>✓</b>	As Found	-0.00012	0.00012	).0000058 kOhms
	1.00000	0.99999	<b>✓</b>	As Found	0.99978	1.00022	0.000013 kOhms
	2.00000	2.00000	<b>✓</b>	As Found	1.99968	2.00032	0.000027 kOhms
	3.00000	2.99999	<b>✓</b>	As Found	2.99958	3.00042	0.000037 kOhms
	4.00000	3.99999	<b>✓</b>	As Found	3.99948	4.00052	0.000047 kOhms
	5.00000	4.99997	<b>✓</b>	As Found	4.99938	5.00062	0.000057 kOhms
		Ohm	s Ou	tput Accuracy	,		-
0 to 500 C	Ohms 0.000	0.0001	<b>✓</b>	As Found	-0.020	0.020	0.00084 Ohms
	100.000	99.9994	<b>✓</b>	As Found	99.970	100.030	0.0017 Ohms
	200.000	199.9983	<b>✓</b>	As Found	199.960	200.040	0.0027 Ohms
	300.000	299.9982	<b>✓</b>	As Found	299.950	300.050	0.0037 Ohms
	400.000	399.9981	<b>✓</b>	As Found	399.940	400.060	0.0047 Ohms
	500.000	499.9983	<b>✓</b>	As Found	499.930	500.070	0.0057 Ohms
0 to 5.0 kC	Ohms 0.00000	0.0000017	<b>✓</b>	As Found	-0.00020	0.00020	).0000058 kOhms
	0.50000	0.5000034	<b>✓</b>	As Found	0.49975	0.50025	).0000081 kOhms
	1.00000	1.0000063	<b>✓</b>	As Found	0.99970	1.00030	0.000013 kOhms
	2.00000	1.999998	<b>✓</b>	As Found	1.99960	2.00040	0.000027 kOhms
	3.00000	2.999996	<b>✓</b>	As Found	2.99950	3.00050	0.000037 kOhms



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✓ In Tolerance 🗴 Out	of Tolerance	(	Calik	oration Data				
Range	Nominal	As Found		As Left		Min	Max	Uncertainty
		Ohm	s Ou	tput Accuracy	/			
	4.00000	4.000016	<b>✓</b>	As Found		3.99940	4.00060	0.000047 kOhms
	5.00000	5.000028	✓	As Found		4.99930	5.00070	0.000057 kOhms
		Freque	ency	Accuracy Outp	out	•	•	•
1 to 200 Hz	1.000	0.99999	<b>√</b>	As Found		0.99895	1.00105	0.00058 Hz
	25.000	25.000	✓	As Found		24.998	25.002	0.00058 Hz
	50.000	50.000	✓	As Found		49.996	50.004	0.00058 Hz
	100.000	99.999	✓	As Found		99.994	100.006	0.00058 Hz
	150.000	149.999	✓	As Found		149.991	150.009	0.00058 Hz
	200.000	199.999	✓	As Found		199.989	200.011	0.00058 Hz
1 to 2000 Hz	1.00	0.99999	✓	As Found		0.99895	1.00105	0.0058 Hz
	250.00	249.999	✓	As Found		249.986	250.014	0.0058 Hz
	500.00	499.997	✓	As Found		499.974	500.026	0.0058 Hz
	1000.00	999.994	✓	As Found		999.949	1000.051	0.0058 Hz
	1500.00	1499.991	✓	As Found		1499.924	1500.076	0.0058 Hz
	2000.00	1999.988	✓	As Found		1999.899	2000.101	0.0058 Hz
1 to 20000 Hz	1.0	0.99999	✓	As Found		0.99895	1.00105	0.058 Hz
	2500.0	2499.985	✓	As Found		2499.874	2500.126	0.058 Hz
	5000.0	4999.971	✓	As Found		4999.749	5000.251	0.058 Hz
	10000.0	9999.947	✓	As Found		9999.499	10000.501	0.058 Hz
	15000.0	14999.922	✓	As Found		14999.249	15000.751	0.058 Hz
	20000.0	19999.883	✓	As Found		19998.999	20001.001	0.058 Hz

End of Datasheet

#### **Calibration Standards**

NIST Traceable #	Instrument ID#	<u>Description</u>	<u>Model</u>	Calibration Date	Date Due
1000177504	01240	Time & Frequency Synchronization System	SecureSync®	22 APR 2015	00 0000
1000229215	00266	High Impedance Voltmeter-Null Detector	845AR	02 MAY 2022	30 APR 2023
1000229225	00522	Resistance Standard	RS925A	02 MAY 2022	30 APR 2023
1000229248	01196	RH/Temperature Data Logger	EL-USB-2-LCD	31 MAY 2022	30 APR 2023
1000229782	00890	Multimeter, 8.5 Digit Reference	8508A-01	26 MAY 2022	31 MAY 2023
1000231831	01090	Universal Counter, 225 MHz	53131A	03 OCT 2022	31 OCT 2023
1000233059	02007	Calibrator	5520A/SC1.1GHz	02 DEC 2022	31 DEC 2023