DEWETRON GmbH

Parkring 4
8074 Grambach
Austria

AAT2540684
Akkreditierung Austria 0632
16.12.2025

Kalibrierstelle für elektrische Messgrößen
Calibration body for electrical measurands

akkreditiert durch / *accredited by*
AKKREDITIERUNG AUSTRIA

Kalibrierzeichen
Calibration Mark

Kalibrierschein nach ISO/IEC 17025
Calibration certificate according to ISO/IEC 17025

Gegenstand *Object*	32 Channel AD-Board
Hersteller *Manufacturer*	DEWETRON
Typ *Type*	TRION-1802-dLV-32-D
Herstellernummer *Serial number*	A1180851
Auftraggeber *Customer*	
Kalibriernummer *Order number*	AAT2540684
Anzahl der Seiten des Kalibrierscheines *Number of pages of the certificate*	17
Datum der Kalibrierung *Date of calibration*	16.12.2025

Dieser Kalibrierschein dokumentiert die Rückführbarkeit auf nationale Normale zur Darstellung der physikalischen Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).

Akkreditierung Austria ist Unterzeichner der multilateralen Übereinkommen der European Co-operation for Accreditation (EA) und der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements according to the International system of Units (SI).

Akkreditierung Austria is a signatory to the multilateral agreements of the European Co-operation for Accreditation (EA) and of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates.

Stempel *Seal*	Datum *Date*	Zeichnungsberechtigter *Authorised person*	Bearbeiter *Person responsible*
	16.12.2025	Stefan Strohmaier	Nandor Nagy

1. Kalibriergegenstand / *Calibration object*

32 Channel AD-Board DEWETRON TRION-1802-dLV-32-D, S/N: A1180851

2. Kalibrierverfahren / *Calibration procedure*

Die Kalibrierung erfolgt durch Vergleich der durch die Kalibrierstelle / Normale dargestellten Werte mit den Ausgangsgrößen am Kalibriergegenstand beziehungsweise den am Kalibriergegenstand angezeigten Werten.
The calibration is made by comparing the readings from the laboratory / standards to the output of the calibration object respectively the values displayed on the calibration object.

Prüfroutine / *Calibration procedure*: TRION-1802-dLV_Akkred, Rev. 2.00

3. Messergebnisse / *Measurement results*

Die Kalibrierung im Rahmen der Akkreditierung umfasst die Messgrößen Gleichspannung, Wechselspannung, Gleichstrom, Wechselstrom und Gleichstromwiderstand.
Die Messergebnisse beziehen sich ausschließlich auf diesen Kalibriergegenstand zum Zeitpunkt der Kalibrierung.
The calibration scope of the accreditation contains the quantities direct voltage, alternating voltage, direct current, alternating current and direct current resistance.
The measurement results are exclusively linked to this calibration object at the time of calibration.

4. Messunsicherheit / *Measurement uncertainty*

Angegeben ist die erweiterte Messunsicherheit, die sich aus der Standardmessunsicherheit durch Multiplikation mit dem Erweiterungsfaktor k=2 ergibt. Sie wurde gemäß EA-4/02 ermittelt. Der Wert der Messgröße liegt im Regelfall mit einer Wahrscheinlichkeit von annähernd 95% im zugeordneten Werteintervall.
Ein Anteil für die Langzeitstabilität des Kalibriergegenstandes ist nicht enthalten.
The stated extended measurement uncertainty is derived from the standard uncertainty of measurement multiplied by the coverage factor k=2. It has been determined according to EA-4/02. The measured quantity is inside the corresponding value interval with a probability of approximately 95%.
A factor for the long time stability of the calibration object is not taken into account.

5. Umgebungsbedingungen / *environmental conditions*

Temperatur / *Temperature:*	23,0 °C
Rel. Luftfeuchte / *Rel. humidity:*	32,3 % r.H.
Kalibrierort / *Place of calibration:*	DEWETRON GmbH, Parkring 4, 8074 Grambach, Austria

6. Auftragnummer / *Reference Number*

7. Status / *Status*

PASS ()

AS-FOUND:	Eingangskalibration / *Incoming calibration*
AS-LEFT:	Ausgangskalibration / *Outgoing calibration*
FOUND/LEFT:	Eingangskalibration erfüllt Herstellerspezifikation / *Incoming calibration according to manufacturer specifications*
PASS:	Messergebnis liegt innerhalb der Herstellerspezifikationen (ohne Berücksichtigung der Messunsicherheiten) / *Measurement result is within manufacturer's specifications (without taking into account the measurement uncertainties)*
FAIL:	Das Messergebnis liegt nicht innerhalb der Herstellerspezifikationen (ohne Berücksichtigung der Messunsicherheiten) / *Measurement result is out of manufacturer's specifications (without taking into account the measurement uncertainties)*

8. Verwendete Fußnoten / *Used foot notes:*

(1) Zusätzliche Messwerte außerhalb des akkreditierten Bereiches, es kann keine Konformitätsaussage getroffen werden.
(1) Additional measured values outside the accreditited scope, a conformity statement cannot be made.

9. Kommentare / *Comments*

Teast SE

Für die Festlegung und Einhaltung einer angemessenen Frist zur Wiederholung der Kalibrierung ist der Benutzer verantwortlich.
The user is responsible for the definition and the compliance to a resonable period for repeating the calibration.

10. Verwendete Normale / Standards used

Asset	Description	Serial Number	Certificate No.	Cal Date	Due Date
5522A 01	5522A CALIBRATOR	3904901	81072025	10-Jul-2025	9-Jul-2026
Keysight 3458A 03	3458A Multimeter	MY45052880	60092025	15-Sep-2025	15-Sep-2026

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status

Current Temperature of DMM and Calibrator
DMM: 39.2°C
Calibrator: 25.35°C

Kalibrierverfahren / calibration method:
CAL-KV-01_Gleichspannung_v1.0_2024-07-04.xlsx-02
CAL-KV-02_Wechselspannung_v1.0_2024-07-04.xlsx-02C
CAL-KV-02_Wechselspannung_v1.0_2024-07-04.xlsx-04C

API Version : 7.7.1.8228
Card Type: TRION-1802-dLV-32-D
Firmware Version : 1904
Model version: 1.00
XML version: SVN 1741016700
Serial Number: A1180851
All Tests done in Single Ended Mode with appropriate Range
Samplerate: 200kS/s
Filter off

Accuracy:
DC to 1kHz : ±0.02% of reading ±0.01% of range ±20uV
>1kHz to 5kHz : ±0.5% of reading ±0.01% of range ±20uV
>5kHz to 10kHz : ±1% of reading ±0.01% of range ±20uV

Range: 5V
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Test @ 0V DC

Channel 1	0.000000 V	0.000001 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000001 V	0.277%	Pass
Channel 2	0.000000 V	-0.000005 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000005 V	1%	Pass
Channel 3	0.000000 V	-0.000005 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000005 V	0.927%	Pass
Channel 4	0.000000 V	0.000010 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000010 V	1.85%	Pass
Channel 5	0.000000 V	-0.000004 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000004 V	0.709%	Pass
Channel 6	0.000000 V	-0.000003 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000003 V	0.598%	Pass
Channel 7	0.000000 V	0.000008 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000008 V	1.59%	Pass
Channel 8	0.000000 V	0.000020 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000020 V	3.8%	Pass
Channel 9	0.000000 V	-0.000008 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000008 V	1.45%	Pass
Channel 10	0.000000 V	-0.000003 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000003 V	0.672%	Pass
Channel 11	0.000000 V	-0.000002 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000002 V	0.396%	Pass
Channel 12	0.000000 V	0.000013 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000013 V	2.44%	Pass
Channel 13	0.000000 V	-0.000002 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000002 V	0.3%	Pass
Channel 14	0.000000 V	0.000007 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000007 V	1.37%	Pass
Channel 15	0.000000 V	-0.000003 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000003 V	0.513%	Pass
Channel 16	0.000000 V	-0.000000 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000000 V	0.0903%	Pass
Channel 17	0.000000 V	0.000002 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000002 V	0.393%	Pass
Channel 18	0.000000 V	-0.000009 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000009 V	1.71%	Pass
Channel 19	0.000000 V	-0.000007 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000007 V	1.39%	Pass
Channel 20	0.000000 V	0.000004 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000004 V	0.674%	Pass
Channel 21	0.000000 V	-0.000009 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000009 V	1.69%	Pass
Channel 22	0.000000 V	0.000001 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000001 V	0.276%	Pass
Channel 23	0.000000 V	-0.000015 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000015 V	2.85%	Pass
Channel 24	0.000000 V	-0.000003 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000003 V	0.538%	Pass
Channel 25	0.000000 V	-0.000009 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000009 V	1.82%	Pass
Channel 26	0.000000 V	0.000001 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000001 V	0.252%	Pass
Channel 27	0.000000 V	-0.000030 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000030 V	5.76%	Pass
Channel 28	0.000000 V	-0.000012 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000012 V	2.27%	Pass
Channel 29	0.000000 V	-0.000007 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000007 V	1.32%	Pass
Channel 30	0.000000 V	0.000012 V	-0.000520 V	0.000520 V	22.00 e-06 V	0,000012 V	2.37%	Pass
Channel 31	0.000000 V	-0.000031 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000031 V	5.94%	Pass
Channel 32	0.000000 V	-0.000003 V	-0.000520 V	0.000520 V	22.00 e-06 V	-0,000003 V	0.66%	Pass

Test @ 0.5V DC

Channel 1	0.500000 V	0.499980 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000020 V	3.28%	Pass
Channel 2	0.500000 V	0.499986 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000014 V	2.2%	Pass
Channel 3	0.500000 V	0.499975 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000025 V	4.09%	Pass
Channel 4	0.500000 V	0.500002 V	0.499380 V	0.500620 V	24.00 e-06 V	0,000002 V	0.323%	Pass
Channel 5	0.500000 V	0.499974 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000026 V	4.19%	Pass
Channel 6	0.500000 V	0.499982 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000018 V	2.96%	Pass
Channel 7	0.500000 V	0.499991 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000009 V	1.51%	Pass
Channel 8	0.500000 V	0.500004 V	0.499380 V	0.500620 V	24.00 e-06 V	0,000004 V	0.645%	Pass
Channel 9	0.500000 V	0.499967 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000033 V	5.27%	Pass
Channel 10	0.500000 V	0.499977 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000023 V	3.71%	Pass
Channel 11	0.500000 V	0.499979 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000021 V	3.39%	Pass
Channel 12	0.500000 V	0.499993 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000007 V	1.08%	Pass
Channel 13	0.500000 V	0.499976 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000024 V	3.87%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 14	0.500000 V	0.499983 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000017 V	2.69%	Pass
Channel 15	0.500000 V	0.499978 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000022 V	3.6%	Pass
Channel 16	0.500000 V	0.499976 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000024 V	3.82%	Pass
Channel 17	0.500000 V	0.499983 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000017 V	2.8%	Pass
Channel 18	0.500000 V	0.499976 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000024 V	3.92%	Pass
Channel 19	0.500000 V	0.499977 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000023 V	3.76%	Pass
Channel 20	0.500000 V	0.499987 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000013 V	2.04%	Pass
Channel 21	0.500000 V	0.499970 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000030 V	4.84%	Pass
Channel 22	0.500000 V	0.499982 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000018 V	2.96%	Pass
Channel 23	0.500000 V	0.499966 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000034 V	5.43%	Pass
Channel 24	0.500000 V	0.499981 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000019 V	3.12%	Pass
Channel 25	0.500000 V	0.499973 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000027 V	4.41%	Pass
Channel 26	0.500000 V	0.499977 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000023 V	3.66%	Pass
Channel 27	0.500000 V	0.499954 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000046 V	7.37%	Pass
Channel 28	0.500000 V	0.499971 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000029 V	4.73%	Pass
Channel 29	0.500000 V	0.499973 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000027 V	4.41%	Pass
Channel 30	0.500000 V	0.499999 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000001 V	0.108%	Pass
Channel 31	0.500000 V	0.499953 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000047 V	7.58%	Pass
Channel 32	0.500000 V	0.499988 V	0.499380 V	0.500620 V	24.00 e-06 V	-0,000012 V	1.88%	Pass
Test @ 2.5V DC								
Channel 1	2.500000 V	2.499943 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000057 V	5.56%	Pass
Channel 2	2.500000 V	2.499950 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000050 V	4.9%	Pass
Channel 3	2.500000 V	2.499970 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000030 V	2.94%	Pass
Channel 4	2.500000 V	2.499990 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000010 V	0.98%	Pass
Channel 5	2.500000 V	2.499950 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000050 V	4.9%	Pass
Channel 6	2.500000 V	2.499950 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000050 V	4.9%	Pass
Channel 7	2.500000 V	2.499990 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000010 V	0.98%	Pass
Channel 8	2.500000 V	2.500000 V	2.498980 V	2.501020 V	44.00 e-06 V	0,000000 V	0%	Pass
Channel 9	2.500000 V	2.499930 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000070 V	6.86%	Pass
Channel 10	2.500000 V	2.499940 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000060 V	5.88%	Pass
Channel 11	2.500000 V	2.499960 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000040 V	3.92%	Pass
Channel 12	2.500000 V	2.499977 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000023 V	2.29%	Pass
Channel 13	2.500000 V	2.499940 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000060 V	5.88%	Pass
Channel 14	2.500000 V	2.499957 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000043 V	4.25%	Pass
Channel 15	2.500000 V	2.499960 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000040 V	3.92%	Pass
Channel 16	2.500000 V	2.499963 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000037 V	3.59%	Pass
Channel 17	2.500000 V	2.499963 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000037 V	3.59%	Pass
Channel 18	2.500000 V	2.499970 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000030 V	2.94%	Pass
Channel 19	2.500000 V	2.499970 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000030 V	2.94%	Pass
Channel 20	2.500000 V	2.499980 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000020 V	1.96%	Pass
Channel 21	2.500000 V	2.499950 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000050 V	4.9%	Pass
Channel 22	2.500000 V	2.499970 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000030 V	2.94%	Pass
Channel 23	2.500000 V	2.499950 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000050 V	4.9%	Pass
Channel 24	2.500000 V	2.499970 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000030 V	2.94%	Pass
Channel 25	2.500000 V	2.499950 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000050 V	4.9%	Pass
Channel 26	2.500000 V	2.499960 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000040 V	3.92%	Pass
Channel 27	2.500000 V	2.499937 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000063 V	6.21%	Pass
Channel 28	2.500000 V	2.499950 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000050 V	4.9%	Pass
Channel 29	2.500000 V	2.499950 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000050 V	4.9%	Pass
Channel 30	2.500000 V	2.499980 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000020 V	1.96%	Pass
Channel 31	2.500000 V	2.499930 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000070 V	6.86%	Pass
Channel 32	2.500000 V	2.499980 V	2.498980 V	2.501020 V	44.00 e-06 V	-0,000020 V	1.96%	Pass
Test @ 4.5V DC								
Channel 1	4.500000 V	4.499930 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000070 V	4.93%	Pass
Channel 2	4.500000 V	4.499943 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000057 V	3.99%	Pass
Channel 3	4.500000 V	4.499967 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000033 V	2.35%	Pass
Channel 4	4.500000 V	4.500010 V	4.498580 V	4.501420 V	100.00 e-06 V	0,000010 V	0.704%	Pass
Channel 5	4.500000 V	4.499940 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000060 V	4.23%	Pass
Channel 6	4.500000 V	4.499953 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000047 V	3.29%	Pass
Channel 7	4.500000 V	4.499997 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000003 V	0.235%	Pass
Channel 8	4.500000 V	4.500020 V	4.498580 V	4.501420 V	100.00 e-06 V	0,000020 V	1.41%	Pass
Channel 9	4.500000 V	4.499900 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000100 V	7.04%	Pass
Channel 10	4.500000 V	4.499940 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000060 V	4.23%	Pass
Channel 11	4.500000 V	4.499940 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000060 V	4.23%	Pass
Channel 12	4.500000 V	4.499983 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000017 V	1.17%	Pass
Channel 13	4.500000 V	4.499910 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000090 V	6.34%	Pass
Channel 14	4.500000 V	4.499953 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000047 V	3.29%	Pass
Channel 15	4.500000 V	4.499963 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000037 V	2.58%	Pass
Channel 16	4.500000 V	4.499970 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000030 V	2.11%	Pass
Channel 17	4.500000 V	4.499980 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000020 V	1.41%	Pass
Channel 18	4.500000 V	4.499983 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000017 V	1.17%	Pass
Channel 19	4.500000 V	4.499990 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000010 V	0.704%	Pass
Channel 20	4.500000 V	4.499993 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000007 V	0.469%	Pass
Channel 21	4.500000 V	4.499950 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000050 V	3.52%	Pass
Channel 22	4.500000 V	4.499970 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000030 V	2.11%	Pass
Channel 23	4.500000 V	4.499967 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000033 V	2.35%	Pass
Channel 24	4.500000 V	4.499993 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000007 V	0.469%	Pass
Channel 25	4.500000 V	4.499960 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000040 V	2.82%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 26	4.500000 V	4.499960 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000040 V	2.82%	Pass
Channel 27	4.500000 V	4.499950 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000050 V	3.52%	Pass
Channel 28	4.500000 V	4.499950 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000050 V	3.52%	Pass
Channel 29	4.500000 V	4.499943 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000057 V	3.99%	Pass
Channel 30	4.500000 V	4.499987 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000013 V	0.939%	Pass
Channel 31	4.500000 V	4.499950 V	4.498580 V	4.501420 V	100.00 e-06 V	-0,000050 V	3.52%	Pass
Channel 32	4.500000 V	4.500027 V	4.498580 V	4.501420 V	100.00 e-06 V	0,000027 V	1.88%	Pass
Test @ -4.5V DC								
Channel 1	-4.500000 V	-4.499757 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000243 V	17.1%	Pass
Channel 2	-4.500000 V	-4.499723 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000277 V	19.5%	Pass
Channel 3	-4.500000 V	-4.499810 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000190 V	13.4%	Pass
Channel 4	-4.500000 V	-4.499760 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000240 V	16.9%	Pass
Channel 5	-4.500000 V	-4.499780 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000220 V	15.5%	Pass
Channel 6	-4.500000 V	-4.499730 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000270 V	19%	Pass
Channel 7	-4.500000 V	-4.499817 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000183 V	12.9%	Pass
Channel 8	-4.500000 V	-4.499767 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000233 V	16.4%	Pass
Channel 9	-4.500000 V	-4.499767 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000233 V	16.4%	Pass
Channel 10	-4.500000 V	-4.499730 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000270 V	19%	Pass
Channel 11	-4.500000 V	-4.499793 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000207 V	14.6%	Pass
Channel 12	-4.500000 V	-4.499750 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000250 V	17.6%	Pass
Channel 13	-4.500000 V	-4.499770 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000230 V	16.2%	Pass
Channel 14	-4.500000 V	-4.499737 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000263 V	18.5%	Pass
Channel 15	-4.500000 V	-4.499837 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000163 V	11.5%	Pass
Channel 16	-4.500000 V	-4.499767 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000233 V	16.4%	Pass
Channel 17	-4.500000 V	-4.499810 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000190 V	13.4%	Pass
Channel 18	-4.500000 V	-4.499810 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000190 V	13.4%	Pass
Channel 19	-4.500000 V	-4.499843 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000157 V	11%	Pass
Channel 20	-4.500000 V	-4.499790 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000210 V	14.8%	Pass
Channel 21	-4.500000 V	-4.499817 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000183 V	12.9%	Pass
Channel 22	-4.500000 V	-4.499767 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000233 V	16.4%	Pass
Channel 23	-4.500000 V	-4.499837 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000163 V	11.5%	Pass
Channel 24	-4.500000 V	-4.499803 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000197 V	13.8%	Pass
Channel 25	-4.500000 V	-4.499830 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000170 V	12%	Pass
Channel 26	-4.500000 V	-4.499767 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000233 V	16.4%	Pass
Channel 27	-4.500000 V	-4.499843 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000157 V	11%	Pass
Channel 28	-4.500000 V	-4.499777 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000223 V	15.7%	Pass
Channel 29	-4.500000 V	-4.499800 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000200 V	14.1%	Pass
Channel 30	-4.500000 V	-4.499777 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000223 V	15.7%	Pass
Channel 31	-4.500000 V	-4.499857 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000143 V	10.1%	Pass
Channel 32	-4.500000 V	-4.499820 V	-4.501420 V	-4.498580 V	100.00 e-06 V	0,000180 V	12.7%	Pass
Test @ 0.5V_RMS @ 1000Hz								
Channel 1	0.500000 V	0.499970 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000030 V	4.78%	Pass
Channel 2	0.500000 V	0.499979 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000021 V	3.39%	Pass
Channel 3	0.500000 V	0.499976 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000024 V	3.87%	Pass
Channel 4	0.500000 V	0.499979 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000021 V	3.33%	Pass
Channel 5	0.500000 V	0.499975 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000025 V	4.09%	Pass
Channel 6	0.500000 V	0.499975 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000025 V	4.03%	Pass
Channel 7	0.500000 V	0.499978 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000022 V	3.55%	Pass
Channel 8	0.500000 V	0.499979 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000021 V	3.39%	Pass
Channel 9	0.500000 V	0.499971 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000029 V	4.73%	Pass
Channel 10	0.500000 V	0.499974 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000026 V	4.25%	Pass
Channel 11	0.500000 V	0.499977 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000023 V	3.76%	Pass
Channel 12	0.500000 V	0.499977 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000023 V	3.66%	Pass
Channel 13	0.500000 V	0.499975 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000025 V	4.03%	Pass
Channel 14	0.500000 V	0.499976 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000024 V	3.92%	Pass
Channel 15	0.500000 V	0.499980 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000020 V	3.28%	Pass
Channel 16	0.500000 V	0.499973 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000027 V	4.3%	Pass
Channel 17	0.500000 V	0.499980 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000020 V	3.23%	Pass
Channel 18	0.500000 V	0.499986 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000014 V	2.31%	Pass
Channel 19	0.500000 V	0.499983 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000017 V	2.69%	Pass
Channel 20	0.500000 V	0.499981 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000019 V	3.01%	Pass
Channel 21	0.500000 V	0.499980 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000020 V	3.23%	Pass
Channel 22	0.500000 V	0.499983 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000017 V	2.74%	Pass
Channel 23	0.500000 V	0.499981 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000019 V	3.01%	Pass
Channel 24	0.500000 V	0.499983 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000017 V	2.69%	Pass
Channel 25	0.500000 V	0.499979 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000021 V	3.33%	Pass
Channel 26	0.500000 V	0.499976 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000024 V	3.87%	Pass
Channel 27	0.500000 V	0.499982 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000018 V	2.9%	Pass
Channel 28	0.500000 V	0.499976 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000024 V	3.82%	Pass
Channel 29	0.500000 V	0.499980 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000020 V	3.23%	Pass
Channel 30	0.500000 V	0.499979 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000021 V	3.39%	Pass
Channel 31	0.500000 V	0.499980 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000020 V	3.23%	Pass
Channel 32	0.500000 V	0.499978 V	0.499380 V	0.500620 V	170.00 e-06 V	-0,000022 V	3.49%	Pass
Test @ 3.5V_RMS @ 20Hz								
Channel 1	3.500000 V	3.499823 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000177 V	14.5%	Pass
Channel 2	3.500000 V	3.499830 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000170 V	13.9%	Pass
Channel 3	3.500000 V	3.499867 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000133 V	10.9%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 4	3.500000 V	3.499870 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000130 V	10.7%	Pass
Channel 5	3.500000 V	3.499860 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000140 V	11.5%	Pass
Channel 6	3.500000 V	3.499830 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000170 V	13.9%	Pass
Channel 7	3.500000 V	3.499863 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000137 V	11.2%	Pass
Channel 8	3.500000 V	3.499850 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000150 V	12.3%	Pass
Channel 9	3.500000 V	3.499813 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000187 V	15.3%	Pass
Channel 10	3.500000 V	3.499823 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000177 V	14.5%	Pass
Channel 11	3.500000 V	3.499843 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000157 V	12.8%	Pass
Channel 12	3.500000 V	3.499833 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000167 V	13.7%	Pass
Channel 13	3.500000 V	3.499823 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000177 V	14.5%	Pass
Channel 14	3.500000 V	3.499820 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000180 V	14.8%	Pass
Channel 15	3.500000 V	3.499860 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000140 V	11.5%	Pass
Channel 16	3.500000 V	3.499847 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000153 V	12.6%	Pass
Channel 17	3.500000 V	3.499863 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000137 V	11.2%	Pass
Channel 18	3.500000 V	3.499863 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000137 V	11.2%	Pass
Channel 19	3.500000 V	3.499890 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000110 V	9.02%	Pass
Channel 20	3.500000 V	3.499887 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000113 V	9.29%	Pass
Channel 21	3.500000 V	3.499897 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000103 V	8.47%	Pass
Channel 22	3.500000 V	3.499880 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000120 V	9.84%	Pass
Channel 23	3.500000 V	3.499900 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000100 V	8.2%	Pass
Channel 24	3.500000 V	3.499890 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000110 V	9.02%	Pass
Channel 25	3.500000 V	3.499900 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000100 V	8.2%	Pass
Channel 26	3.500000 V	3.499870 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000130 V	10.7%	Pass
Channel 27	3.500000 V	3.499897 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000103 V	8.47%	Pass
Channel 28	3.500000 V	3.499853 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000147 V	12%	Pass
Channel 29	3.500000 V	3.499877 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000123 V	10.1%	Pass
Channel 30	3.500000 V	3.499890 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000110 V	9.02%	Pass
Channel 31	3.500000 V	3.499913 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000087 V	7.1%	Pass
Channel 32	3.500000 V	3.499920 V	3.498780 V	3.501220 V	860.00 e-06 V	-0,000080 V	6.56%	Pass
Test @ 3.5V RMS @ 50Hz								
Channel 1	3.500000 V	3.499920 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000080 V	6.56%	Pass
Channel 2	3.500000 V	3.499903 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000097 V	7.92%	Pass
Channel 3	3.500000 V	3.499947 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000053 V	4.37%	Pass
Channel 4	3.500000 V	3.499920 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000080 V	6.56%	Pass
Channel 5	3.500000 V	3.499907 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000093 V	7.65%	Pass
Channel 6	3.500000 V	3.499880 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000120 V	9.84%	Pass
Channel 7	3.500000 V	3.499920 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000080 V	6.56%	Pass
Channel 8	3.500000 V	3.499907 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000093 V	7.65%	Pass
Channel 9	3.500000 V	3.499860 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000140 V	11.5%	Pass
Channel 10	3.500000 V	3.499860 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000140 V	11.5%	Pass
Channel 11	3.500000 V	3.499873 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000127 V	10.4%	Pass
Channel 12	3.500000 V	3.499867 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000133 V	10.9%	Pass
Channel 13	3.500000 V	3.499857 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000143 V	11.7%	Pass
Channel 14	3.500000 V	3.499860 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000140 V	11.5%	Pass
Channel 15	3.500000 V	3.499890 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000110 V	9.02%	Pass
Channel 16	3.500000 V	3.499870 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000130 V	10.7%	Pass
Channel 17	3.500000 V	3.499890 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000110 V	9.02%	Pass
Channel 18	3.500000 V	3.499890 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000110 V	9.02%	Pass
Channel 19	3.500000 V	3.499893 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000107 V	8.74%	Pass
Channel 20	3.500000 V	3.499870 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000130 V	10.7%	Pass
Channel 21	3.500000 V	3.499877 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000123 V	10.1%	Pass
Channel 22	3.500000 V	3.499873 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000127 V	10.4%	Pass
Channel 23	3.500000 V	3.499897 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000103 V	8.47%	Pass
Channel 24	3.500000 V	3.499880 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000120 V	9.84%	Pass
Channel 25	3.500000 V	3.499880 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000120 V	9.84%	Pass
Channel 26	3.500000 V	3.499857 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000143 V	11.7%	Pass
Channel 27	3.500000 V	3.499880 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000120 V	9.84%	Pass
Channel 28	3.500000 V	3.499863 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000137 V	11.2%	Pass
Channel 29	3.500000 V	3.499863 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000137 V	11.2%	Pass
Channel 30	3.500000 V	3.499863 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000137 V	11.2%	Pass
Channel 31	3.500000 V	3.499887 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000113 V	9.29%	Pass
Channel 32	3.500000 V	3.499910 V	3.498780 V	3.501220 V	590.00 e-06 V	-0,000090 V	7.38%	Pass
Test @ 3.5V RMS @ 1000Hz								
Channel 1	3.500000 V	3.499600 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000400 V	32.8%	Pass
Channel 2	3.500000 V	3.499610 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000390 V	32%	Pass
Channel 3	3.500000 V	3.499630 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000370 V	30.3%	Pass
Channel 4	3.500000 V	3.499610 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000390 V	32%	Pass
Channel 5	3.500000 V	3.499623 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000377 V	30.9%	Pass
Channel 6	3.500000 V	3.499610 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000390 V	32%	Pass
Channel 7	3.500000 V	3.499653 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000347 V	28.4%	Pass
Channel 8	3.500000 V	3.499637 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000363 V	29.8%	Pass
Channel 9	3.500000 V	3.499613 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000387 V	31.7%	Pass
Channel 10	3.500000 V	3.499613 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000387 V	31.7%	Pass
Channel 11	3.500000 V	3.499630 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000370 V	30.3%	Pass
Channel 12	3.500000 V	3.499620 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000380 V	31.1%	Pass
Channel 13	3.500000 V	3.499607 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000393 V	32.2%	Pass
Channel 14	3.500000 V	3.499613 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000387 V	31.7%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 15	3.500000 V	3.499663 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000337 V	27.6%	Pass
Channel 16	3.500000 V	3.499610 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000390 V	32%	Pass
Channel 17	3.500000 V	3.499633 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000367 V	30.1%	Pass
Channel 18	3.500000 V	3.499650 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000350 V	28.7%	Pass
Channel 19	3.500000 V	3.499637 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000363 V	29.8%	Pass
Channel 20	3.500000 V	3.499600 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000400 V	32.8%	Pass
Channel 21	3.500000 V	3.499620 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000380 V	31.1%	Pass
Channel 22	3.500000 V	3.499617 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000383 V	31.4%	Pass
Channel 23	3.500000 V	3.499627 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000373 V	30.6%	Pass
Channel 24	3.500000 V	3.499640 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000360 V	29.5%	Pass
Channel 25	3.500000 V	3.499613 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000387 V	31.7%	Pass
Channel 26	3.500000 V	3.499597 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000403 V	33.1%	Pass
Channel 27	3.500000 V	3.499667 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000333 V	27.3%	Pass
Channel 28	3.500000 V	3.499633 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000367 V	30.1%	Pass
Channel 29	3.500000 V	3.499647 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000353 V	29%	Pass
Channel 30	3.500000 V	3.499630 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000370 V	30.3%	Pass
Channel 31	3.500000 V	3.499670 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000330 V	27%	Pass
Channel 32	3.500000 V	3.499677 V	3.498780 V	3.501220 V	880.00 e-06 V	-0,000323 V	26.5%	Pass
Range: 10V								
##############################								
Test @ 1V DC								
Channel 1	1.000000 V	0.999987 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000013 V	1.09%	Pass
Channel 2	1.000000 V	1.000010 V	0.998780 V	1.001220 V	47.00 e-06 V	0,000010 V	0.82%	Pass
Channel 3	1.000000 V	0.999979 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000021 V	1.75%	Pass
Channel 4	1.000000 V	1.000020 V	0.998780 V	1.001220 V	47.00 e-06 V	0,000020 V	1.64%	Pass
Channel 5	1.000000 V	0.999975 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000025 V	2.08%	Pass
Channel 6	1.000000 V	0.999982 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000018 V	1.5%	Pass
Channel 7	1.000000 V	0.999990 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000010 V	0.792%	Pass
Channel 8	1.000000 V	0.999998 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000002 V	0.137%	Pass
Channel 9	1.000000 V	0.999977 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000023 V	1.86%	Pass
Channel 10	1.000000 V	0.999988 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000012 V	0.956%	Pass
Channel 11	1.000000 V	0.999985 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000015 V	1.23%	Pass
Channel 12	1.000000 V	0.999993 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000007 V	0.546%	Pass
Channel 13	1.000000 V	0.999958 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000042 V	3.44%	Pass
Channel 14	1.000000 V	0.999979 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000021 V	1.72%	Pass
Channel 15	1.000000 V	0.999972 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000028 V	2.3%	Pass
Channel 16	1.000000 V	0.999986 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000014 V	1.15%	Pass
Channel 17	1.000000 V	0.999987 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000013 V	1.04%	Pass
Channel 18	1.000000 V	0.999991 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000009 V	0.765%	Pass
Channel 19	1.000000 V	0.999986 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000014 V	1.17%	Pass
Channel 20	1.000000 V	1.000000 V	0.998780 V	1.001220 V	47.00 e-06 V	0,000000 V	0%	Pass
Channel 21	1.000000 V	0.999994 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000006 V	0.519%	Pass
Channel 22	1.000000 V	0.999995 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000005 V	0.41%	Pass
Channel 23	1.000000 V	0.999959 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000041 V	3.39%	Pass
Channel 24	1.000000 V	0.999987 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000013 V	1.07%	Pass
Channel 25	1.000000 V	0.999969 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000031 V	2.54%	Pass
Channel 26	1.000000 V	0.999992 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000008 V	0.683%	Pass
Channel 27	1.000000 V	0.999958 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000042 V	3.44%	Pass
Channel 28	1.000000 V	0.999967 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000033 V	2.68%	Pass
Channel 29	1.000000 V	0.999983 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000017 V	1.37%	Pass
Channel 30	1.000000 V	0.999994 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000006 V	0.519%	Pass
Channel 31	1.000000 V	0.999954 V	0.998780 V	1.001220 V	47.00 e-06 V	-0,000046 V	3.77%	Pass
Channel 32	1.000000 V	1.000010 V	0.998780 V	1.001220 V	47.00 e-06 V	0,000010 V	0.82%	Pass
Test @ -1V DC								
Channel 1	-1.000000 V	-0.999982 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000018 V	1.5%	Pass
Channel 2	-1.000000 V	-0.999970 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000030 V	2.43%	Pass
Channel 3	-1.000000 V	-0.999981 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000019 V	1.58%	Pass
Channel 4	-1.000000 V	-0.999964 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000036 V	2.92%	Pass
Channel 5	-1.000000 V	-0.999982 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000018 V	1.45%	Pass
Channel 6	-1.000000 V	-0.999975 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000025 V	2.05%	Pass
Channel 7	-1.000000 V	-0.999960 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000040 V	3.25%	Pass
Channel 8	-1.000000 V	-0.999951 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000049 V	4.02%	Pass
Channel 9	-1.000000 V	-0.999985 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000015 V	1.26%	Pass
Channel 10	-1.000000 V	-0.999957 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000043 V	3.55%	Pass
Channel 11	-1.000000 V	-0.999971 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000029 V	2.38%	Pass
Channel 12	-1.000000 V	-0.999952 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000048 V	3.96%	Pass
Channel 13	-1.000000 V	-0.999991 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000009 V	0.71%	Pass
Channel 14	-1.000000 V	-0.999972 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000028 V	2.27%	Pass
Channel 15	-1.000000 V	-0.999991 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000009 V	0.738%	Pass
Channel 16	-1.000000 V	-0.999983 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000017 V	1.39%	Pass
Channel 17	-1.000000 V	-0.999976 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000024 V	1.97%	Pass
Channel 18	-1.000000 V	-0.999995 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000005 V	0.437%	Pass
Channel 19	-1.000000 V	-0.999999 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000001 V	0.082%	Pass
Channel 20	-1.000000 V	-0.999990 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000010 V	0.792%	Pass
Channel 21	-1.000000 V	-0.999986 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000014 V	1.17%	Pass
Channel 22	-1.000000 V	-0.999970 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000030 V	2.43%	Pass
Channel 23	-1.000000 V	-0.999998 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000002 V	0.191%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 24	-1.000000 V	-0.999980 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000020 V	1.61%	Pass
Channel 25	-1.000000 V	-0.999992 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000008 V	0.683%	Pass
Channel 26	-1.000000 V	-0.999954 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000046 V	3.74%	Pass
Channel 27	-1.000000 V	-1.000000 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000000 V	0.0273%	Pass
Channel 28	-1.000000 V	-0.999991 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000009 V	0.765%	Pass
Channel 29	-1.000000 V	-0.999972 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000028 V	2.27%	Pass
Channel 30	-1.000000 V	-0.999949 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000051 V	4.15%	Pass
Channel 31	-1.000000 V	-0.999995 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000005 V	0.41%	Pass
Channel 32	-1.000000 V	-0.999957 V	-1.001220 V	-0.998780 V	47.00 e-06 V	0,000043 V	3.55%	Pass
Test @ 3V DC								
Channel 1	3.000000 V	3.000060 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000060 V	3.7%	Pass
Channel 2	3.000000 V	3.000070 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000070 V	4.32%	Pass
Channel 3	3.000000 V	3.000040 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000040 V	2.47%	Pass
Channel 4	3.000000 V	3.000110 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000110 V	6.79%	Pass
Channel 5	3.000000 V	3.000027 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000027 V	1.65%	Pass
Channel 6	3.000000 V	3.000037 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000037 V	2.26%	Pass
Channel 7	3.000000 V	3.000050 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000050 V	3.09%	Pass
Channel 8	3.000000 V	3.000060 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000060 V	3.7%	Pass
Channel 9	3.000000 V	3.000040 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000040 V	2.47%	Pass
Channel 10	3.000000 V	3.000033 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000033 V	2.06%	Pass
Channel 11	3.000000 V	3.000050 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000050 V	3.09%	Pass
Channel 12	3.000000 V	3.000050 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000050 V	3.09%	Pass
Channel 13	3.000000 V	3.000033 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000033 V	2.06%	Pass
Channel 14	3.000000 V	3.000050 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000050 V	3.09%	Pass
Channel 15	3.000000 V	3.000050 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000050 V	3.09%	Pass
Channel 16	3.000000 V	3.000070 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000070 V	4.32%	Pass
Channel 17	3.000000 V	3.000050 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000050 V	3.09%	Pass
Channel 18	3.000000 V	3.000080 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000080 V	4.94%	Pass
Channel 19	3.000000 V	3.000070 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000070 V	4.32%	Pass
Channel 20	3.000000 V	3.000090 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000090 V	5.56%	Pass
Channel 21	3.000000 V	3.000070 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000070 V	4.32%	Pass
Channel 22	3.000000 V	3.000067 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000067 V	4.12%	Pass
Channel 23	3.000000 V	3.000020 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000020 V	1.23%	Pass
Channel 24	3.000000 V	3.000063 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000063 V	3.91%	Pass
Channel 25	3.000000 V	3.000040 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000040 V	2.47%	Pass
Channel 26	3.000000 V	3.000050 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000050 V	3.09%	Pass
Channel 27	3.000000 V	3.000017 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000017 V	1.03%	Pass
Channel 28	3.000000 V	3.000030 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000030 V	1.85%	Pass
Channel 29	3.000000 V	3.000047 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000047 V	2.88%	Pass
Channel 30	3.000000 V	3.000073 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000073 V	4.53%	Pass
Channel 31	3.000000 V	3.000020 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000020 V	1.23%	Pass
Channel 32	3.000000 V	3.000090 V	2.998380 V	3.001620 V	63.00 e-06 V	0,000090 V	5.56%	Pass
Test @ 5V DC								
Channel 1	5.000000 V	5.000077 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000077 V	3.8%	Pass
Channel 2	5.000000 V	5.000103 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000103 V	5.12%	Pass
Channel 3	5.000000 V	5.000053 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000053 V	2.64%	Pass
Channel 4	5.000000 V	5.000157 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000157 V	7.76%	Pass
Channel 5	5.000000 V	5.000017 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000017 V	0.825%	Pass
Channel 6	5.000000 V	5.000053 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000053 V	2.64%	Pass
Channel 7	5.000000 V	5.000043 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000043 V	2.15%	Pass
Channel 8	5.000000 V	5.000070 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000070 V	3.47%	Pass
Channel 9	5.000000 V	5.000033 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000033 V	1.65%	Pass
Channel 10	5.000000 V	5.000040 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000040 V	1.98%	Pass
Channel 11	5.000000 V	5.000050 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000050 V	2.48%	Pass
Channel 12	5.000000 V	5.000063 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000063 V	3.14%	Pass
Channel 13	5.000000 V	5.000020 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000020 V	0.99%	Pass
Channel 14	5.000000 V	5.000070 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000070 V	3.47%	Pass
Channel 15	5.000000 V	5.000060 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000060 V	2.97%	Pass
Channel 16	5.000000 V	5.000107 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000107 V	5.28%	Pass
Channel 17	5.000000 V	5.000067 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000067 V	3.3%	Pass
Channel 18	5.000000 V	5.000103 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000103 V	5.12%	Pass
Channel 19	5.000000 V	5.000100 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000100 V	4.95%	Pass
Channel 20	5.000000 V	5.000130 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000130 V	6.44%	Pass
Channel 21	5.000000 V	5.000097 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000097 V	4.79%	Pass
Channel 22	5.000000 V	5.000087 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000087 V	4.29%	Pass
Channel 23	5.000000 V	5.000033 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000033 V	1.65%	Pass
Channel 24	5.000000 V	5.000083 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000083 V	4.13%	Pass
Channel 25	5.000000 V	5.000050 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000050 V	2.48%	Pass
Channel 26	5.000000 V	5.000047 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000047 V	2.31%	Pass
Channel 27	5.000000 V	5.000027 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000027 V	1.32%	Pass
Channel 28	5.000000 V	5.000053 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000053 V	2.64%	Pass
Channel 29	5.000000 V	5.000060 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000060 V	2.97%	Pass
Channel 30	5.000000 V	5.000077 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000077 V	3.8%	Pass
Channel 31	5.000000 V	5.000027 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000027 V	1.32%	Pass
Channel 32	5.000000 V	5.000113 V	4.997980 V	5.002020 V	120.00 e-06 V	0,000113 V	5.61%	Pass
Test @ -5V DC								
Channel 1	-5.000000 V	-4.999903 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000097 V	4.79%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 2	-5.000000 V	-4.999840 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000160 V	7.92%	Pass
Channel 3	-5.000000 V	-4.999900 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000100 V	4.95%	Pass
Channel 4	-5.000000 V	-4.999870 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000130 V	6.44%	Pass
Channel 5	-5.000000 V	-4.999870 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000130 V	6.44%	Pass
Channel 6	-5.000000 V	-4.999823 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000177 V	8.75%	Pass
Channel 7	-5.000000 V	-4.999857 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000143 V	7.1%	Pass
Channel 8	-5.000000 V	-4.999810 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000190 V	9.41%	Pass
Channel 9	-5.000000 V	-4.999913 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000087 V	4.29%	Pass
Channel 10	-5.000000 V	-4.999803 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000197 V	9.74%	Pass
Channel 11	-5.000000 V	-4.999903 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000097 V	4.79%	Pass
Channel 12	-5.000000 V	-4.999817 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000183 V	9.08%	Pass
Channel 13	-5.000000 V	-4.999907 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000093 V	4.62%	Pass
Channel 14	-5.000000 V	-4.999850 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000150 V	7.43%	Pass
Channel 15	-5.000000 V	-4.999963 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000037 V	1.82%	Pass
Channel 16	-5.000000 V	-4.999900 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000100 V	4.95%	Pass
Channel 17	-5.000000 V	-4.999890 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000110 V	5.45%	Pass
Channel 18	-5.000000 V	-4.999927 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000073 V	3.63%	Pass
Channel 19	-5.000000 V	-4.999953 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000047 V	2.31%	Pass
Channel 20	-5.000000 V	-4.999920 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000080 V	3.96%	Pass
Channel 21	-5.000000 V	-4.999940 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000060 V	2.97%	Pass
Channel 22	-5.000000 V	-4.999873 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000127 V	6.27%	Pass
Channel 23	-5.000000 V	-4.999903 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000097 V	4.79%	Pass
Channel 24	-5.000000 V	-4.999877 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000123 V	6.11%	Pass
Channel 25	-5.000000 V	-4.999927 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000073 V	3.63%	Pass
Channel 26	-5.000000 V	-4.999827 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000173 V	8.58%	Pass
Channel 27	-5.000000 V	-4.999917 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000083 V	4.13%	Pass
Channel 28	-5.000000 V	-4.999900 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000100 V	4.95%	Pass
Channel 29	-5.000000 V	-4.999890 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000110 V	5.45%	Pass
Channel 30	-5.000000 V	-4.999823 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000177 V	8.75%	Pass
Channel 31	-5.000000 V	-4.999910 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000090 V	4.46%	Pass
Channel 32	-5.000000 V	-4.999883 V	-5.002020 V	-4.997980 V	120.00 e-06 V	0,000117 V	5.78%	Pass
Test @ 7V DC								
Channel 1	7.000000 V	6.999973 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000027 V	1.1%	Pass
Channel 2	7.000000 V	6.999997 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000003 V	0.138%	Pass
Channel 3	7.000000 V	6.999947 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000053 V	2.2%	Pass
Channel 4	7.000000 V	7.000063 V	6.997580 V	7.002420 V	150.00 e-06 V	0,000063 V	2.62%	Pass
Channel 5	7.000000 V	6.999907 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000093 V	3.86%	Pass
Channel 6	7.000000 V	6.999937 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000063 V	2.62%	Pass
Channel 7	7.000000 V	6.999927 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000073 V	3.03%	Pass
Channel 8	7.000000 V	6.999963 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000037 V	1.52%	Pass
Channel 9	7.000000 V	6.999920 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000080 V	3.31%	Pass
Channel 10	7.000000 V	6.999920 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000080 V	3.31%	Pass
Channel 11	7.000000 V	6.999943 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000057 V	2.34%	Pass
Channel 12	7.000000 V	6.999957 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000043 V	1.79%	Pass
Channel 13	7.000000 V	6.999907 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000093 V	3.86%	Pass
Channel 14	7.000000 V	6.999973 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000027 V	1.1%	Pass
Channel 15	7.000000 V	6.999963 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000037 V	1.52%	Pass
Channel 16	7.000000 V	7.000023 V	6.997580 V	7.002420 V	150.00 e-06 V	0,000023 V	0.964%	Pass
Channel 17	7.000000 V	6.999957 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000043 V	1.79%	Pass
Channel 18	7.000000 V	7.000023 V	6.997580 V	7.002420 V	150.00 e-06 V	0,000023 V	0.964%	Pass
Channel 19	7.000000 V	7.000020 V	6.997580 V	7.002420 V	150.00 e-06 V	0,000020 V	0.826%	Pass
Channel 20	7.000000 V	7.000060 V	6.997580 V	7.002420 V	150.00 e-06 V	0,000060 V	2.48%	Pass
Channel 21	7.000000 V	7.000000 V	6.997580 V	7.002420 V	150.00 e-06 V	0,000000 V	0%	Pass
Channel 22	7.000000 V	6.999990 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000010 V	0.413%	Pass
Channel 23	7.000000 V	6.999920 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000080 V	3.31%	Pass
Channel 24	7.000000 V	6.999993 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000007 V	0.275%	Pass
Channel 25	7.000000 V	6.999947 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000053 V	2.2%	Pass
Channel 26	7.000000 V	6.999940 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000060 V	2.48%	Pass
Channel 27	7.000000 V	6.999933 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000067 V	2.75%	Pass
Channel 28	7.000000 V	6.999963 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000037 V	1.52%	Pass
Channel 29	7.000000 V	6.999963 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000037 V	1.52%	Pass
Channel 30	7.000000 V	7.000013 V	6.997580 V	7.002420 V	150.00 e-06 V	0,000013 V	0.551%	Pass
Channel 31	7.000000 V	6.999940 V	6.997580 V	7.002420 V	150.00 e-06 V	-0,000060 V	2.48%	Pass
Channel 32	7.000000 V	7.000050 V	6.997580 V	7.002420 V	150.00 e-06 V	0,000050 V	2.07%	Pass
Test @ 9V DC								
Channel 1	9.000000 V	8.999830 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000170 V	6.03%	Pass
Channel 2	9.000000 V	8.999857 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000143 V	5.08%	Pass
Channel 3	9.000000 V	8.999807 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000193 V	6.86%	Pass
Channel 4	9.000000 V	8.999950 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000050 V	1.77%	Pass
Channel 5	9.000000 V	8.999750 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000250 V	8.87%	Pass
Channel 6	9.000000 V	8.999777 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000223 V	7.92%	Pass
Channel 7	9.000000 V	8.999777 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000223 V	7.92%	Pass
Channel 8	9.000000 V	8.999813 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000187 V	6.62%	Pass
Channel 9	9.000000 V	8.999757 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000243 V	8.63%	Pass
Channel 10	9.000000 V	8.999753 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000247 V	8.75%	Pass
Channel 11	9.000000 V	8.999790 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000210 V	7.45%	Pass
Channel 12	9.000000 V	8.999813 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000187 V	6.62%	Pass
Channel 13	9.000000 V	8.999743 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000257 V	9.1%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 14	9.000000 V	8.999827 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000173 V	6.15%	Pass
Channel 15	9.000000 V	8.999823 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000177 V	6.26%	Pass
Channel 16	9.000000 V	8.999900 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000100 V	3.55%	Pass
Channel 17	9.000000 V	8.999813 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000187 V	6.62%	Pass
Channel 18	9.000000 V	8.999900 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000100 V	3.55%	Pass
Channel 19	9.000000 V	8.999890 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000110 V	3.9%	Pass
Channel 20	9.000000 V	8.999940 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000060 V	2.13%	Pass
Channel 21	9.000000 V	8.999857 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000143 V	5.08%	Pass
Channel 22	9.000000 V	8.999853 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000147 V	5.2%	Pass
Channel 23	9.000000 V	8.999763 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000237 V	8.39%	Pass
Channel 24	9.000000 V	8.999863 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000137 V	4.85%	Pass
Channel 25	9.000000 V	8.999790 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000210 V	7.45%	Pass
Channel 26	9.000000 V	8.999790 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000210 V	7.45%	Pass
Channel 27	9.000000 V	8.999783 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000217 V	7.68%	Pass
Channel 28	9.000000 V	8.999827 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000173 V	6.15%	Pass
Channel 29	9.000000 V	8.999800 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000200 V	7.09%	Pass
Channel 30	9.000000 V	8.999847 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000153 V	5.44%	Pass
Channel 31	9.000000 V	8.999790 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000210 V	7.45%	Pass
Channel 32	9.000000 V	8.999917 V	8.997180 V	9.002820 V	180.00 e-06 V	-0,000083 V	2.96%	Pass
Test @ -9V DC								
Channel 1	-9.000000 V	-8.999733 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000267 V	9.46%	Pass
Channel 2	-9.000000 V	-8.999617 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000383 V	13.6%	Pass
Channel 3	-9.000000 V	-8.999700 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000300 V	10.6%	Pass
Channel 4	-9.000000 V	-8.999660 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000340 V	12.1%	Pass
Channel 5	-9.000000 V	-8.999680 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000320 V	11.3%	Pass
Channel 6	-9.000000 V	-8.999570 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000430 V	15.2%	Pass
Channel 7	-9.000000 V	-8.999637 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000363 V	12.9%	Pass
Channel 8	-9.000000 V	-8.999547 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000453 V	16.1%	Pass
Channel 9	-9.000000 V	-8.999777 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000223 V	7.92%	Pass
Channel 10	-9.000000 V	-8.999550 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000450 V	16%	Pass
Channel 11	-9.000000 V	-8.999750 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000250 V	8.87%	Pass
Channel 12	-9.000000 V	-8.999547 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000453 V	16.1%	Pass
Channel 13	-9.000000 V	-8.999770 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000230 V	8.16%	Pass
Channel 14	-9.000000 V	-8.999640 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000360 V	12.8%	Pass
Channel 15	-9.000000 V	-8.999840 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000160 V	5.67%	Pass
Channel 16	-9.000000 V	-8.999713 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000287 V	10.2%	Pass
Channel 17	-9.000000 V	-8.999723 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000277 V	9.81%	Pass
Channel 18	-9.000000 V	-8.999770 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000230 V	8.16%	Pass
Channel 19	-9.000000 V	-8.999827 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000173 V	6.15%	Pass
Channel 20	-9.000000 V	-8.999767 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000233 V	8.27%	Pass
Channel 21	-9.000000 V	-8.999807 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000193 V	6.86%	Pass
Channel 22	-9.000000 V	-8.999680 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000320 V	11.3%	Pass
Channel 23	-9.000000 V	-8.999720 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000280 V	9.93%	Pass
Channel 24	-9.000000 V	-8.999680 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000320 V	11.3%	Pass
Channel 25	-9.000000 V	-8.999780 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000220 V	7.8%	Pass
Channel 26	-9.000000 V	-8.999617 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000383 V	13.6%	Pass
Channel 27	-9.000000 V	-8.999750 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000250 V	8.87%	Pass
Channel 28	-9.000000 V	-8.999680 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000320 V	11.3%	Pass
Channel 29	-9.000000 V	-8.999720 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000280 V	9.93%	Pass
Channel 30	-9.000000 V	-8.999650 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000350 V	12.4%	Pass
Channel 31	-9.000000 V	-8.999720 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000280 V	9.93%	Pass
Channel 32	-9.000000 V	-8.999677 V	-9.002820 V	-8.997180 V	180.00 e-06 V	0,000323 V	11.5%	Pass
Test @ 1V_RMS @ 20Hz								
Channel 1	1.000000 V	0.999969 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000031 V	2.51%	Pass
Channel 2	1.000000 V	0.999970 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000030 V	2.49%	Pass
Channel 3	1.000000 V	0.999967 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000033 V	2.73%	Pass
Channel 4	1.000000 V	0.999976 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000024 V	1.99%	Pass
Channel 5	1.000000 V	0.999960 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000040 V	3.25%	Pass
Channel 6	1.000000 V	0.999958 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000042 V	3.42%	Pass
Channel 7	1.000000 V	0.999961 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000039 V	3.17%	Pass
Channel 8	1.000000 V	0.999958 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000042 V	3.44%	Pass
Channel 9	1.000000 V	0.999963 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000037 V	3.03%	Pass
Channel 10	1.000000 V	0.999956 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000044 V	3.61%	Pass
Channel 11	1.000000 V	0.999964 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000036 V	2.98%	Pass
Channel 12	1.000000 V	0.999954 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000046 V	3.74%	Pass
Channel 13	1.000000 V	0.999960 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000040 V	3.28%	Pass
Channel 14	1.000000 V	0.999957 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000043 V	3.52%	Pass
Channel 15	1.000000 V	0.999968 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000032 V	2.6%	Pass
Channel 16	1.000000 V	0.999966 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000034 V	2.76%	Pass
Channel 17	1.000000 V	0.999964 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000036 V	2.92%	Pass
Channel 18	1.000000 V	0.999977 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000023 V	1.91%	Pass
Channel 19	1.000000 V	0.999973 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000027 V	2.21%	Pass
Channel 20	1.000000 V	0.999978 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000022 V	1.83%	Pass
Channel 21	1.000000 V	0.999969 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000031 V	2.54%	Pass
Channel 22	1.000000 V	0.999967 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000033 V	2.7%	Pass
Channel 23	1.000000 V	0.999960 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000040 V	3.28%	Pass
Channel 24	1.000000 V	0.999967 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000033 V	2.73%	Pass
Channel 25	1.000000 V	0.999965 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000035 V	2.87%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 26	1.000000 V	0.999957 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000043 V	3.5%	Pass
Channel 27	1.000000 V	0.999965 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000035 V	2.9%	Pass
Channel 28	1.000000 V	0.999963 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000037 V	3.01%	Pass
Channel 29	1.000000 V	0.999964 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000036 V	2.95%	Pass
Channel 30	1.000000 V	0.999963 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000037 V	3.01%	Pass
Channel 31	1.000000 V	0.999962 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000038 V	3.14%	Pass
Channel 32	1.000000 V	0.999966 V	0.998780 V	1.001220 V	440.00 e-06 V	-0,000034 V	2.79%	Pass
Test @ 1V_RMS @ 50Hz								
Channel 1	1.000000 V	0.999981 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000019 V	1.58%	Pass
Channel 2	1.000000 V	0.999982 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000018 V	1.48%	Pass
Channel 3	1.000000 V	0.999978 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000022 V	1.83%	Pass
Channel 4	1.000000 V	0.999988 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000012 V	0.984%	Pass
Channel 5	1.000000 V	0.999975 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000025 V	2.05%	Pass
Channel 6	1.000000 V	0.999973 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000027 V	2.24%	Pass
Channel 7	1.000000 V	0.999973 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000027 V	2.21%	Pass
Channel 8	1.000000 V	0.999972 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000028 V	2.32%	Pass
Channel 9	1.000000 V	0.999979 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000021 V	1.75%	Pass
Channel 10	1.000000 V	0.999971 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000029 V	2.4%	Pass
Channel 11	1.000000 V	0.999979 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000021 V	1.69%	Pass
Channel 12	1.000000 V	0.999973 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000027 V	2.19%	Pass
Channel 13	1.000000 V	0.999981 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000019 V	1.58%	Pass
Channel 14	1.000000 V	0.999975 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000025 V	2.05%	Pass
Channel 15	1.000000 V	0.999987 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000013 V	1.09%	Pass
Channel 16	1.000000 V	0.999982 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000018 V	1.45%	Pass
Channel 17	1.000000 V	0.999981 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000019 V	1.53%	Pass
Channel 18	1.000000 V	0.999994 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000006 V	0.519%	Pass
Channel 19	1.000000 V	0.999990 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000010 V	0.847%	Pass
Channel 20	1.000000 V	0.999994 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000006 V	0.519%	Pass
Channel 21	1.000000 V	0.999986 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000014 V	1.12%	Pass
Channel 22	1.000000 V	0.999986 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000014 V	1.17%	Pass
Channel 23	1.000000 V	0.999980 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000020 V	1.64%	Pass
Channel 24	1.000000 V	0.999987 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000013 V	1.09%	Pass
Channel 25	1.000000 V	0.999984 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000016 V	1.28%	Pass
Channel 26	1.000000 V	0.999974 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000026 V	2.13%	Pass
Channel 27	1.000000 V	0.999982 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000018 V	1.48%	Pass
Channel 28	1.000000 V	0.999980 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000020 V	1.64%	Pass
Channel 29	1.000000 V	0.999981 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000019 V	1.58%	Pass
Channel 30	1.000000 V	0.999981 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000019 V	1.53%	Pass
Channel 31	1.000000 V	0.999983 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000017 V	1.42%	Pass
Channel 32	1.000000 V	0.999987 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000013 V	1.04%	Pass
Test @ 1V_RMS @ 1000Hz								
Channel 1	1.000000 V	0.999993 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000007 V	0.574%	Pass
Channel 2	1.000000 V	0.999999 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000001 V	0.0546%	Pass
Channel 3	1.000000 V	0.999990 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000010 V	0.82%	Pass
Channel 4	1.000000 V	0.999998 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000002 V	0.191%	Pass
Channel 5	1.000000 V	0.999988 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000012 V	1.01%	Pass
Channel 6	1.000000 V	0.999986 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000014 V	1.15%	Pass
Channel 7	1.000000 V	0.999985 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000015 V	1.26%	Pass
Channel 8	1.000000 V	0.999985 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000015 V	1.26%	Pass
Channel 9	1.000000 V	0.999988 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000012 V	0.984%	Pass
Channel 10	1.000000 V	0.999978 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000022 V	1.83%	Pass
Channel 11	1.000000 V	0.999991 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000009 V	0.738%	Pass
Channel 12	1.000000 V	0.999981 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000019 V	1.56%	Pass
Channel 13	1.000000 V	0.999989 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000011 V	0.874%	Pass
Channel 14	1.000000 V	0.999985 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000015 V	1.23%	Pass
Channel 15	1.000000 V	0.999995 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000005 V	0.437%	Pass
Channel 16	1.000000 V	0.999987 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000013 V	1.07%	Pass
Channel 17	1.000000 V	0.999992 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000008 V	0.656%	Pass
Channel 18	1.000000 V	1.000010 V	0.998780 V	1.001220 V	260.00 e-06 V	0,000010 V	0.82%	Pass
Channel 19	1.000000 V	1.000003 V	0.998780 V	1.001220 V	260.00 e-06 V	0,000003 V	0.273%	Pass
Channel 20	1.000000 V	0.999997 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000003 V	0.219%	Pass
Channel 21	1.000000 V	0.999996 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000004 V	0.355%	Pass
Channel 22	1.000000 V	0.999996 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000004 V	0.301%	Pass
Channel 23	1.000000 V	0.999986 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000014 V	1.15%	Pass
Channel 24	1.000000 V	0.999995 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000005 V	0.41%	Pass
Channel 25	1.000000 V	0.999988 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000012 V	0.956%	Pass
Channel 26	1.000000 V	0.999980 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000020 V	1.64%	Pass
Channel 27	1.000000 V	0.999993 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000007 V	0.601%	Pass
Channel 28	1.000000 V	0.999991 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000009 V	0.765%	Pass
Channel 29	1.000000 V	0.999992 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000008 V	0.683%	Pass
Channel 30	1.000000 V	0.999987 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000013 V	1.04%	Pass
Channel 31	1.000000 V	0.999988 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000012 V	1.01%	Pass
Channel 32	1.000000 V	0.999991 V	0.998780 V	1.001220 V	260.00 e-06 V	-0,000009 V	0.765%	Pass
Test @ 5V_RMS @ 20Hz								
Channel 1	5.000000 V	4.999947 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000053 V	2.64%	Pass
Channel 2	5.000000 V	4.999907 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000093 V	4.62%	Pass
Channel 3	5.000000 V	4.999910 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000090 V	4.46%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 4	5.000000 V	4.999947 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000053 V	2.64%	Pass
Channel 5	5.000000 V	4.999900 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000100 V	4.95%	Pass
Channel 6	5.000000 V	4.999880 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000120 V	5.94%	Pass
Channel 7	5.000000 V	4.999910 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000090 V	4.46%	Pass
Channel 8	5.000000 V	4.999887 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000113 V	5.61%	Pass
Channel 9	5.000000 V	4.999923 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000077 V	3.8%	Pass
Channel 10	5.000000 V	4.999863 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000137 V	6.77%	Pass
Channel 11	5.000000 V	4.999927 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000073 V	3.63%	Pass
Channel 12	5.000000 V	4.999897 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000103 V	5.12%	Pass
Channel 13	5.000000 V	4.999943 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000057 V	2.81%	Pass
Channel 14	5.000000 V	4.999940 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000060 V	2.97%	Pass
Channel 15	5.000000 V	4.999990 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000010 V	0.495%	Pass
Channel 16	5.000000 V	4.999983 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000017 V	0.825%	Pass
Channel 17	5.000000 V	4.999963 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000037 V	1.82%	Pass
Channel 18	5.000000 V	5.000003 V	4.997980 V	5.002020 V	1.00 e-03 V	0,000003 V	0.165%	Pass
Channel 19	5.000000 V	5.000010 V	4.997980 V	5.002020 V	1.00 e-03 V	0,000010 V	0.495%	Pass
Channel 20	5.000000 V	5.000013 V	4.997980 V	5.002020 V	1.00 e-03 V	0,000013 V	0.66%	Pass
Channel 21	5.000000 V	4.999993 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000007 V	0.33%	Pass
Channel 22	5.000000 V	4.999957 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000043 V	2.15%	Pass
Channel 23	5.000000 V	4.999947 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000053 V	2.64%	Pass
Channel 24	5.000000 V	4.999960 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000040 V	1.98%	Pass
Channel 25	5.000000 V	4.999967 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000033 V	1.65%	Pass
Channel 26	5.000000 V	4.999917 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000083 V	4.13%	Pass
Channel 27	5.000000 V	4.999943 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000057 V	2.81%	Pass
Channel 28	5.000000 V	4.999937 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000063 V	3.14%	Pass
Channel 29	5.000000 V	4.999933 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000067 V	3.3%	Pass
Channel 30	5.000000 V	4.999930 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000070 V	3.47%	Pass
Channel 31	5.000000 V	4.999940 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000060 V	2.97%	Pass
Channel 32	5.000000 V	4.999970 V	4.997980 V	5.002020 V	1.00 e-03 V	-0,000030 V	1.49%	Pass
Test @ 5V RMS @ 50Hz								
Channel 1	5.000000 V	5.000010 V	4.997980 V	5.002020 V	740.00 e-06 V	0,000010 V	0.495%	Pass
Channel 2	5.000000 V	4.999983 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000017 V	0.825%	Pass
Channel 3	5.000000 V	4.999990 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000010 V	0.495%	Pass
Channel 4	5.000000 V	5.000017 V	4.997980 V	5.002020 V	740.00 e-06 V	0,000017 V	0.825%	Pass
Channel 5	5.000000 V	4.999943 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000057 V	2.81%	Pass
Channel 6	5.000000 V	4.999923 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000077 V	3.8%	Pass
Channel 7	5.000000 V	4.999920 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000080 V	3.96%	Pass
Channel 8	5.000000 V	4.999900 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000100 V	4.95%	Pass
Channel 9	5.000000 V	4.999933 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000067 V	3.3%	Pass
Channel 10	5.000000 V	4.999863 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000137 V	6.77%	Pass
Channel 11	5.000000 V	4.999920 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000080 V	3.96%	Pass
Channel 12	5.000000 V	4.999887 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000113 V	5.61%	Pass
Channel 13	5.000000 V	4.999917 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000083 V	4.13%	Pass
Channel 14	5.000000 V	4.999900 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000100 V	4.95%	Pass
Channel 15	5.000000 V	4.999957 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000043 V	2.15%	Pass
Channel 16	5.000000 V	4.999947 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000053 V	2.64%	Pass
Channel 17	5.000000 V	4.999930 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000070 V	3.47%	Pass
Channel 18	5.000000 V	4.999970 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000030 V	1.49%	Pass
Channel 19	5.000000 V	4.999993 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000007 V	0.33%	Pass
Channel 20	5.000000 V	4.999997 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000003 V	0.165%	Pass
Channel 21	5.000000 V	4.999987 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000013 V	0.66%	Pass
Channel 22	5.000000 V	4.999963 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000037 V	1.82%	Pass
Channel 23	5.000000 V	4.999933 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000067 V	3.3%	Pass
Channel 24	5.000000 V	4.999937 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000063 V	3.14%	Pass
Channel 25	5.000000 V	4.999930 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000070 V	3.47%	Pass
Channel 26	5.000000 V	4.999887 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000113 V	5.61%	Pass
Channel 27	5.000000 V	4.999933 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000067 V	3.3%	Pass
Channel 28	5.000000 V	4.999930 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000070 V	3.47%	Pass
Channel 29	5.000000 V	4.999927 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000073 V	3.63%	Pass
Channel 30	5.000000 V	4.999910 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000090 V	4.46%	Pass
Channel 31	5.000000 V	4.999930 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000070 V	3.47%	Pass
Channel 32	5.000000 V	4.999943 V	4.997980 V	5.002020 V	740.00 e-06 V	-0,000057 V	2.81%	Pass
Test @ 5V_RMS @ 1000Hz								
Channel 1	5.000000 V	4.999633 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000367 V	18.2%	Pass
Channel 2	5.000000 V	4.999637 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000363 V	18%	Pass
Channel 3	5.000000 V	4.999607 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000393 V	19.5%	Pass
Channel 4	5.000000 V	4.999630 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000370 V	18.3%	Pass
Channel 5	5.000000 V	4.999610 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000390 V	19.3%	Pass
Channel 6	5.000000 V	4.999600 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000400 V	19.8%	Pass
Channel 7	5.000000 V	4.999613 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000387 V	19.1%	Pass
Channel 8	5.000000 V	4.999620 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000380 V	18.8%	Pass
Channel 9	5.000000 V	4.999663 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000337 V	16.7%	Pass
Channel 10	5.000000 V	4.999610 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000390 V	19.3%	Pass
Channel 11	5.000000 V	4.999667 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000333 V	16.5%	Pass
Channel 12	5.000000 V	4.999623 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000377 V	18.6%	Pass
Channel 13	5.000000 V	4.999673 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000327 V	16.2%	Pass
Channel 14	5.000000 V	4.999660 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000340 V	16.8%	Pass
Channel 15	5.000000 V	4.999723 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000277 V	13.7%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
Channel 16	5.000000 V	4.999693 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000307 V	15.2%	Pass
Channel 17	5.000000 V	4.999700 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000300 V	14.9%	Pass
Channel 18	5.000000 V	4.999777 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000223 V	11.1%	Pass
Channel 19	5.000000 V	4.999763 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000237 V	11.7%	Pass
Channel 20	5.000000 V	4.999717 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000283 V	14%	Pass
Channel 21	5.000000 V	4.999720 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000280 V	13.9%	Pass
Channel 22	5.000000 V	4.999700 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000300 V	14.9%	Pass
Channel 23	5.000000 V	4.999650 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000350 V	17.3%	Pass
Channel 24	5.000000 V	4.999677 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000323 V	16%	Pass
Channel 25	5.000000 V	4.999650 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000350 V	17.3%	Pass
Channel 26	5.000000 V	4.999597 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000403 V	20%	Pass
Channel 27	5.000000 V	4.999670 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000330 V	16.3%	Pass
Channel 28	5.000000 V	4.999653 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000347 V	17.2%	Pass
Channel 29	5.000000 V	4.999660 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000340 V	16.8%	Pass
Channel 30	5.000000 V	4.999650 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000350 V	17.3%	Pass
Channel 31	5.000000 V	4.999657 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000343 V	17%	Pass
Channel 32	5.000000 V	4.999673 V	4.997980 V	5.002020 V	1.10 e-03 V	-0,000327 V	16.2%	Pass
Test @ 7V_RMS @ 20Hz								
Channel 1	7.000000 V	6.999850 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000150 V	6.2%	Pass
Channel 2	7.000000 V	6.999800 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000200 V	8.26%	Pass
Channel 3	7.000000 V	6.999813 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000187 V	7.71%	Pass
Channel 4	7.000000 V	6.999867 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000133 V	5.51%	Pass
Channel 5	7.000000 V	6.999783 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000217 V	8.95%	Pass
Channel 6	7.000000 V	6.999763 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000237 V	9.78%	Pass
Channel 7	7.000000 V	6.999770 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000230 V	9.5%	Pass
Channel 8	7.000000 V	6.999747 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000253 V	10.5%	Pass
Channel 9	7.000000 V	6.999807 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000193 V	7.99%	Pass
Channel 10	7.000000 V	6.999703 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000297 V	12.3%	Pass
Channel 11	7.000000 V	6.999787 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000213 V	8.82%	Pass
Channel 12	7.000000 V	6.999717 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000283 V	11.7%	Pass
Channel 13	7.000000 V	6.999777 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000223 V	9.23%	Pass
Channel 14	7.000000 V	6.999770 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000230 V	9.5%	Pass
Channel 15	7.000000 V	6.999840 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000160 V	6.61%	Pass
Channel 16	7.000000 V	6.999810 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000190 V	7.85%	Pass
Channel 17	7.000000 V	6.999793 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000207 V	8.54%	Pass
Channel 18	7.000000 V	6.999843 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000157 V	6.47%	Pass
Channel 19	7.000000 V	6.999850 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000150 V	6.2%	Pass
Channel 20	7.000000 V	6.999857 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000143 V	5.92%	Pass
Channel 21	7.000000 V	6.999830 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000170 V	7.02%	Pass
Channel 22	7.000000 V	6.999773 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000227 V	9.37%	Pass
Channel 23	7.000000 V	6.999770 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000230 V	9.5%	Pass
Channel 24	7.000000 V	6.999790 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000210 V	8.68%	Pass
Channel 25	7.000000 V	6.999803 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000197 V	8.13%	Pass
Channel 26	7.000000 V	6.999733 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000267 V	11%	Pass
Channel 27	7.000000 V	6.999790 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000210 V	8.68%	Pass
Channel 28	7.000000 V	6.999783 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000217 V	8.95%	Pass
Channel 29	7.000000 V	6.999783 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000217 V	8.95%	Pass
Channel 30	7.000000 V	6.999773 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000227 V	9.37%	Pass
Channel 31	7.000000 V	6.999807 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000193 V	7.99%	Pass
Channel 32	7.000000 V	6.999817 V	6.997580 V	7.002420 V	1.20 e-03 V	-0,000183 V	7.58%	Pass
Test @ 7V_RMS @ 50Hz								
Channel 1	7.000000 V	6.999873 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000127 V	5.23%	Pass
Channel 2	7.000000 V	6.999827 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000173 V	7.16%	Pass
Channel 3	7.000000 V	6.999823 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000177 V	7.3%	Pass
Channel 4	7.000000 V	6.999860 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000140 V	5.79%	Pass
Channel 5	7.000000 V	6.999790 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000210 V	8.68%	Pass
Channel 6	7.000000 V	6.999770 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000230 V	9.5%	Pass
Channel 7	7.000000 V	6.999790 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000210 V	8.68%	Pass
Channel 8	7.000000 V	6.999767 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000233 V	9.64%	Pass
Channel 9	7.000000 V	6.999827 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000173 V	7.16%	Pass
Channel 10	7.000000 V	6.999713 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000287 V	11.8%	Pass
Channel 11	7.000000 V	6.999807 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000193 V	7.99%	Pass
Channel 12	7.000000 V	6.999733 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000267 V	11%	Pass
Channel 13	7.000000 V	6.999807 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000193 V	7.99%	Pass
Channel 14	7.000000 V	6.999780 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000220 V	9.09%	Pass
Channel 15	7.000000 V	6.999870 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000130 V	5.37%	Pass
Channel 16	7.000000 V	6.999847 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000153 V	6.34%	Pass
Channel 17	7.000000 V	6.999820 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000180 V	7.44%	Pass
Channel 18	7.000000 V	6.999870 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000130 V	5.37%	Pass
Channel 19	7.000000 V	6.999897 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000103 V	4.27%	Pass
Channel 20	7.000000 V	6.999890 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000110 V	4.55%	Pass
Channel 21	7.000000 V	6.999850 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000150 V	6.2%	Pass
Channel 22	7.000000 V	6.999800 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000200 V	8.26%	Pass
Channel 23	7.000000 V	6.999773 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000227 V	9.37%	Pass
Channel 24	7.000000 V	6.999807 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000193 V	7.99%	Pass
Channel 25	7.000000 V	6.999807 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000193 V	7.99%	Pass
Channel 26	7.000000 V	6.999740 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000260 V	10.7%	Pass
Channel 27	7.000000 V	6.999793 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000207 V	8.54%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status	
Channel 28	7.000000 V	6.999773 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000227 V	9.37%	Pass	
Channel 29	7.000000 V	6.999773 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000227 V	9.37%	Pass	
Channel 30	7.000000 V	6.999770 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000230 V	9.5%	Pass	
Channel 31	7.000000 V	6.999800 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000200 V	8.26%	Pass	
Channel 32	7.000000 V	6.999840 V	6.997580 V	7.002420 V	920.00 e-06 V	-0,000160 V	6.61%	Pass	
Test @ 7V RMS @ 1000Hz									
Channel 1	7.000000 V	6.999367 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000633 V	26.2%	Pass	
Channel 2	7.000000 V	6.999353 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000647 V	26.7%	Pass	
Channel 3	7.000000 V	6.999320 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000680 V	28.1%	Pass	
Channel 4	7.000000 V	6.999343 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000657 V	27.1%	Pass	
Channel 5	7.000000 V	6.999320 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000680 V	28.1%	Pass	
Channel 6	7.000000 V	6.999277 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000723 V	29.9%	Pass	
Channel 7	7.000000 V	6.999297 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000703 V	29.1%	Pass	
Channel 8	7.000000 V	6.999303 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000697 V	28.8%	Pass	
Channel 9	7.000000 V	6.999380 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000620 V	25.6%	Pass	
Channel 10	7.000000 V	6.999260 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000740 V	30.6%	Pass	
Channel 11	7.000000 V	6.999360 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000640 V	26.4%	Pass	
Channel 12	7.000000 V	6.999283 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000717 V	29.6%	Pass	
Channel 13	7.000000 V	6.999353 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000647 V	26.7%	Pass	
Channel 14	7.000000 V	6.999330 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000670 V	27.7%	Pass	
Channel 15	7.000000 V	6.999400 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000600 V	24.8%	Pass	
Channel 16	7.000000 V	6.999367 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000633 V	26.2%	Pass	
Channel 17	7.000000 V	6.999373 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000627 V	25.9%	Pass	
Channel 18	7.000000 V	6.999470 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000530 V	21.9%	Pass	
Channel 19	7.000000 V	6.999470 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000530 V	21.9%	Pass	
Channel 20	7.000000 V	6.999427 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000573 V	23.7%	Pass	
Channel 21	7.000000 V	6.999450 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000550 V	22.7%	Pass	
Channel 22	7.000000 V	6.999413 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000587 V	24.2%	Pass	
Channel 23	7.000000 V	6.999360 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000640 V	26.4%	Pass	
Channel 24	7.000000 V	6.999410 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000590 V	24.4%	Pass	
Channel 25	7.000000 V	6.999410 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000590 V	24.4%	Pass	
Channel 26	7.000000 V	6.999340 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000660 V	27.3%	Pass	
Channel 27	7.000000 V	6.999427 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000573 V	23.7%	Pass	
Channel 28	7.000000 V	6.999393 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000607 V	25.1%	Pass	
Channel 29	7.000000 V	6.999400 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000600 V	24.8%	Pass	
Channel 30	7.000000 V	6.999357 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000643 V	26.6%	Pass	
Channel 31	7.000000 V	6.999387 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000613 V	25.3%	Pass	
Channel 32	7.000000 V	6.999397 V	6.997580 V	7.002420 V	1.50 e-03 V	-0,000603 V	24.9%	Pass	
Test @ 7V RMS @ 10000Hz									
Channel 1	7.000000 V	7.004157 V	6.928980 V	7.071020 V	1.50 e-03 V	0,004157 V	5.85%	Pass	
Channel 2	7.000000 V	7.007477 V	6.928980 V	7.071020 V	1.50 e-03 V	0,007477 V	10.5%	Pass	
Channel 3	7.000000 V	7.004403 V	6.928980 V	7.071020 V	1.50 e-03 V	0,004403 V	6.2%	Pass	
Channel 4	7.000000 V	7.002530 V	6.928980 V	7.071020 V	1.50 e-03 V	0,002530 V	3.56%	Pass	
Channel 5	7.000000 V	7.006727 V	6.928980 V	7.071020 V	1.50 e-03 V	0,006727 V	9.47%	Pass	
Channel 6	7.000000 V	7.006590 V	6.928980 V	7.071020 V	1.50 e-03 V	0,006590 V	9.28%	Pass	
Channel 7	7.000000 V	7.006557 V	6.928980 V	7.071020 V	1.50 e-03 V	0,006557 V	9.23%	Pass	
Channel 8	7.000000 V	7.008210 V	6.928980 V	7.071020 V	1.50 e-03 V	0,008210 V	11.6%	Pass	
Channel 9	7.000000 V	7.007613 V	6.928980 V	7.071020 V	1.50 e-03 V	0,007613 V	10.7%	Pass	
Channel 10	7.000000 V	7.006663 V	6.928980 V	7.071020 V	1.50 e-03 V	0,006663 V	9.38%	Pass	
Channel 11	7.000000 V	7.008613 V	6.928980 V	7.071020 V	1.50 e-03 V	0,008613 V	12.1%	Pass	
Channel 12	7.000000 V	7.007037 V	6.928980 V	7.071020 V	1.50 e-03 V	0,007037 V	9.91%	Pass	
Channel 13	7.000000 V	7.009220 V	6.928980 V	7.071020 V	1.50 e-03 V	0,009220 V	13%	Pass	
Channel 14	7.000000 V	7.007910 V	6.928980 V	7.071020 V	1.50 e-03 V	0,007910 V	11.1%	Pass	
Channel 15	7.000000 V	7.007280 V	6.928980 V	7.071020 V	1.50 e-03 V	0,007280 V	10.3%	Pass	
Channel 16	7.000000 V	7.005867 V	6.928980 V	7.071020 V	1.50 e-03 V	0,005867 V	8.26%	Pass	
Channel 17	7.000000 V	7.007160 V	6.928980 V	7.071020 V	1.50 e-03 V	0,007160 V	10.1%	Pass	
Channel 18	7.000000 V	7.010707 V	6.928980 V	7.071020 V	1.50 e-03 V	0,010707 V	15.1%	Pass	
Channel 19	7.000000 V	7.008923 V	6.928980 V	7.071020 V	1.50 e-03 V	0,008923 V	12.6%	Pass	
Channel 20	7.000000 V	7.005000 V	6.928980 V	7.071020 V	1.50 e-03 V	0,005000 V	7.04%	Pass	
Channel 21	7.000000 V	7.009040 V	6.928980 V	7.071020 V	1.50 e-03 V	0,009040 V	12.7%	Pass	
Channel 22	7.000000 V	7.009873 V	6.928980 V	7.071020 V	1.50 e-03 V	0,009873 V	13.9%	Pass	
Channel 23	7.000000 V	7.006823 V	6.928980 V	7.071020 V	1.50 e-03 V	0,006823 V	9.61%	Pass	
Channel 24	7.000000 V	7.008213 V	6.928980 V	7.071020 V	1.50 e-03 V	0,008213 V	11.6%	Pass	
Channel 25	7.000000 V	7.005627 V	6.928980 V	7.071020 V	1.50 e-03 V	0,005627 V	7.92%	Pass	
Channel 26	7.000000 V	7.004727 V	6.928980 V	7.071020 V	1.50 e-03 V	0,004727 V	6.66%	Pass	
Channel 27	7.000000 V	7.008763 V	6.928980 V	7.071020 V	1.50 e-03 V	0,008763 V	12.3%	Pass	
Channel 28	7.000000 V	7.007703 V	6.928980 V	7.071020 V	1.50 e-03 V	0,007703 V	10.8%	Pass	
Channel 29	7.000000 V	7.008783 V	6.928980 V	7.071020 V	1.50 e-03 V	0,008783 V	12.4%	Pass	
Channel 30	7.000000 V	7.005793 V	6.928980 V	7.071020 V	1.50 e-03 V	0,005793 V	8.16%	Pass	
Channel 31	7.000000 V	7.007383 V	6.928980 V	7.071020 V	1.50 e-03 V	0,007383 V	10.4%	Pass	
Channel 32	7.000000 V	7.004760 V	6.928980 V	7.071020 V	1.50 e-03 V	0,004760 V	6.7%	Pass	
Non-Accredited functional board tests									
Bandwith Test 10V Range									
Channel 1	-3.0000 dB	-3.1939 dB	-8.0000 dB	-2.0000 dB		-0,1939 dB	3.88%	Pass	(1)

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status	
Channel 2	-3.0000 dB	-3.1464 dB	-8.0000 dB	-2.0000 dB		-0,1464 dB	2.93%	Pass	(1)
Channel 3	-3.0000 dB	-3.2054 dB	-8.0000 dB	-2.0000 dB		-0,2054 dB	4.11%	Pass	(1)
Channel 4	-3.0000 dB	-3.1351 dB	-8.0000 dB	-2.0000 dB		-0,1351 dB	2.7%	Pass	(1)
Channel 5	-3.0000 dB	-3.2089 dB	-8.0000 dB	-2.0000 dB		-0,2089 dB	4.18%	Pass	(1)
Channel 6	-3.0000 dB	-3.1379 dB	-8.0000 dB	-2.0000 dB		-0,1379 dB	2.76%	Pass	(1)
Channel 7	-3.0000 dB	-3.1376 dB	-8.0000 dB	-2.0000 dB		-0,1376 dB	2.75%	Pass	(1)
Channel 8	-3.0000 dB	-3.1177 dB	-8.0000 dB	-2.0000 dB		-0,1177 dB	2.35%	Pass	(1)
Channel 9	-3.0000 dB	-3.2070 dB	-8.0000 dB	-2.0000 dB		-0,2070 dB	4.14%	Pass	(1)
Channel 10	-3.0000 dB	-3.2301 dB	-8.0000 dB	-2.0000 dB		-0,2301 dB	4.6%	Pass	(1)
Channel 11	-3.0000 dB	-3.2150 dB	-8.0000 dB	-2.0000 dB		-0,2150 dB	4.3%	Pass	(1)
Channel 12	-3.0000 dB	-3.1470 dB	-8.0000 dB	-2.0000 dB		-0,1470 dB	2.94%	Pass	(1)
Channel 13	-3.0000 dB	-3.1027 dB	-8.0000 dB	-2.0000 dB		-0,1027 dB	2.05%	Pass	(1)
Channel 14	-3.0000 dB	-3.1621 dB	-8.0000 dB	-2.0000 dB		-0,1621 dB	3.24%	Pass	(1)
Channel 15	-3.0000 dB	-3.0978 dB	-8.0000 dB	-2.0000 dB		-0,0978 dB	1.96%	Pass	(1)
Channel 16	-3.0000 dB	-3.1743 dB	-8.0000 dB	-2.0000 dB		-0,1743 dB	3.49%	Pass	(1)
Channel 17	-3.0000 dB	-3.2149 dB	-8.0000 dB	-2.0000 dB		-0,2149 dB	4.3%	Pass	(1)
Channel 18	-3.0000 dB	-3.1502 dB	-8.0000 dB	-2.0000 dB		-0,1502 dB	3%	Pass	(1)
Channel 19	-3.0000 dB	-3.2254 dB	-8.0000 dB	-2.0000 dB		-0,2254 dB	4.51%	Pass	(1)
Channel 20	-3.0000 dB	-3.1778 dB	-8.0000 dB	-2.0000 dB		-0,1778 dB	3.56%	Pass	(1)
Channel 21	-3.0000 dB	-3.2342 dB	-8.0000 dB	-2.0000 dB		-0,2342 dB	4.68%	Pass	(1)
Channel 22	-3.0000 dB	-3.1656 dB	-8.0000 dB	-2.0000 dB		-0,1656 dB	3.31%	Pass	(1)
Channel 23	-3.0000 dB	-3.1836 dB	-8.0000 dB	-2.0000 dB		-0,1836 dB	3.67%	Pass	(1)
Channel 24	-3.0000 dB	-3.0906 dB	-8.0000 dB	-2.0000 dB		-0,0906 dB	1.81%	Pass	(1)
Channel 25	-3.0000 dB	-3.1541 dB	-8.0000 dB	-2.0000 dB		-0,1541 dB	3.08%	Pass	(1)
Channel 26	-3.0000 dB	-3.1944 dB	-8.0000 dB	-2.0000 dB		-0,1944 dB	3.89%	Pass	(1)
Channel 27	-3.0000 dB	-3.1588 dB	-8.0000 dB	-2.0000 dB		-0,1588 dB	3.18%	Pass	(1)
Channel 28	-3.0000 dB	-3.1898 dB	-8.0000 dB	-2.0000 dB		-0,1898 dB	3.8%	Pass	(1)
Channel 29	-3.0000 dB	-3.2173 dB	-8.0000 dB	-2.0000 dB		-0,2173 dB	4.35%	Pass	(1)
Channel 30	-3.0000 dB	-3.1261 dB	-8.0000 dB	-2.0000 dB		-0,1261 dB	2.52%	Pass	(1)
Channel 31	-3.0000 dB	-3.2152 dB	-8.0000 dB	-2.0000 dB		-0,2152 dB	4.3%	Pass	(1)
Channel 32	-3.0000 dB	-3.1348 dB	-8.0000 dB	-2.0000 dB		-0,1348 dB	2.7%	Pass	(1)
Inter Channel Phase Mismatch 10V Range Testsignal: 3V @ 10kHz									
0 deg @ CH1	0.000 °	0.000 °	-0.750 °	0.750 °		0,000 °	0%	Pass	(1)
0 deg @ CH2	0.000 °	0.102 °	-0.750 °	0.750 °		0,102 °	13.6%	Pass	(1)
0 deg @ CH3	0.000 °	-0.016 °	-0.750 °	0.750 °		-0,016 °	2.17%	Pass	(1)
0 deg @ CH4	0.000 °	0.032 °	-0.750 °	0.750 °		0,032 °	4.3%	Pass	(1)
0 deg @ CH5	0.000 °	0.036 °	-0.750 °	0.750 °		0,036 °	4.86%	Pass	(1)
0 deg @ CH6	0.000 °	0.077 °	-0.750 °	0.750 °		0,077 °	10.2%	Pass	(1)
0 deg @ CH7	0.000 °	0.115 °	-0.750 °	0.750 °		0,115 °	15.3%	Pass	(1)
0 deg @ CH8	0.000 °	0.158 °	-0.750 °	0.750 °		0,158 °	21.1%	Pass	(1)
0 deg @ CH9	0.000 °	0.043 °	-0.750 °	0.750 °		0,043 °	5.71%	Pass	(1)
0 deg @ CH10	0.000 °	-0.014 °	-0.750 °	0.750 °		-0,014 °	1.93%	Pass	(1)
0 deg @ CH11	0.000 °	0.059 °	-0.750 °	0.750 °		0,059 °	7.89%	Pass	(1)
0 deg @ CH12	0.000 °	0.077 °	-0.750 °	0.750 °		0,077 °	10.3%	Pass	(1)
0 deg @ CH13	0.000 °	0.202 °	-0.750 °	0.750 °		0,202 °	27%	Pass	(1)
0 deg @ CH14	0.000 °	0.084 °	-0.750 °	0.750 °		0,084 °	11.2%	Pass	(1)
0 deg @ CH15	0.000 °	0.173 °	-0.750 °	0.750 °		0,173 °	23.1%	Pass	(1)
0 deg @ CH16	0.000 °	0.054 °	-0.750 °	0.750 °		0,054 °	7.24%	Pass	(1)
0 deg @ CH17	0.000 °	0.034 °	-0.750 °	0.750 °		0,034 °	4.49%	Pass	(1)
0 deg @ CH18	0.000 °	0.157 °	-0.750 °	0.750 °		0,157 °	20.9%	Pass	(1)
0 deg @ CH19	0.000 °	0.036 °	-0.750 °	0.750 °		0,036 °	4.75%	Pass	(1)
0 deg @ CH20	0.000 °	0.036 °	-0.750 °	0.750 °		0,036 °	4.83%	Pass	(1)
0 deg @ CH21	0.000 °	0.030 °	-0.750 °	0.750 °		0,030 °	4.07%	Pass	(1)
0 deg @ CH22	0.000 °	0.149 °	-0.750 °	0.750 °		0,149 °	19.9%	Pass	(1)
0 deg @ CH23	0.000 °	0.059 °	-0.750 °	0.750 °		0,059 °	7.92%	Pass	(1)
0 deg @ CH24	0.000 °	0.188 °	-0.750 °	0.750 °		0,188 °	25.1%	Pass	(1)
0 deg @ CH25	0.000 °	0.062 °	-0.750 °	0.750 °		0,062 °	8.24%	Pass	(1)
0 deg @ CH26	0.000 °	0.019 °	-0.750 °	0.750 °		0,019 °	2.58%	Pass	(1)
0 deg @ CH27	0.000 °	0.132 °	-0.750 °	0.750 °		0,132 °	17.6%	Pass	(1)
0 deg @ CH28	0.000 °	0.056 °	-0.750 °	0.750 °		0,056 °	7.43%	Pass	(1)
0 deg @ CH29	0.000 °	0.050 °	-0.750 °	0.750 °		0,050 °	6.68%	Pass	(1)
0 deg @ CH30	0.000 °	0.088 °	-0.750 °	0.750 °		0,088 °	11.8%	Pass	(1)
0 deg @ CH31	0.000 °	0.024 °	-0.750 °	0.750 °		0,024 °	3.16%	Pass	(1)
0 deg @ CH32	0.000 °	0.052 °	-0.750 °	0.750 °		0,052 °	6.95%	Pass	(1)
SNR Test 10V Range									
Channel 1	95.00 dB	97.40 dB	80.00 dB	200.00 dB		2,40 dB	2.28%	Pass	(1)
Channel 2	95.00 dB	97.37 dB	80.00 dB	200.00 dB		2,37 dB	2.25%	Pass	(1)
Channel 3	95.00 dB	97.35 dB	80.00 dB	200.00 dB		2,35 dB	2.24%	Pass	(1)
Channel 4	95.00 dB	97.28 dB	80.00 dB	200.00 dB		2,28 dB	2.18%	Pass	(1)
Channel 5	95.00 dB	97.32 dB	80.00 dB	200.00 dB		2,32 dB	2.21%	Pass	(1)
Channel 6	95.00 dB	97.32 dB	80.00 dB	200.00 dB		2,32 dB	2.21%	Pass	(1)
Channel 7	95.00 dB	97.48 dB	80.00 dB	200.00 dB		2,48 dB	2.36%	Pass	(1)
Channel 8	95.00 dB	97.28 dB	80.00 dB	200.00 dB		2,28 dB	2.17%	Pass	(1)
Channel 9	95.00 dB	97.39 dB	80.00 dB	200.00 dB		2,39 dB	2.28%	Pass	(1)
Channel 10	95.00 dB	97.29 dB	80.00 dB	200.00 dB		2,29 dB	2.18%	Pass	(1)

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status	
Channel 11	95.00 dB	97.39 dB	80.00 dB	200.00 dB		2,39 dB	2.27%	Pass	(1)
Channel 12	95.00 dB	97.25 dB	80.00 dB	200.00 dB		2,25 dB	2.14%	Pass	(1)
Channel 13	95.00 dB	97.35 dB	80.00 dB	200.00 dB		2,35 dB	2.24%	Pass	(1)
Channel 14	95.00 dB	97.39 dB	80.00 dB	200.00 dB		2,39 dB	2.28%	Pass	(1)
Channel 15	95.00 dB	97.46 dB	80.00 dB	200.00 dB		2,46 dB	2.34%	Pass	(1)
Channel 16	95.00 dB	97.24 dB	80.00 dB	200.00 dB		2,24 dB	2.14%	Pass	(1)
Channel 17	95.00 dB	97.35 dB	80.00 dB	200.00 dB		2,35 dB	2.23%	Pass	(1)
Channel 18	95.00 dB	97.23 dB	80.00 dB	200.00 dB		2,23 dB	2.12%	Pass	(1)
Channel 19	95.00 dB	97.28 dB	80.00 dB	200.00 dB		2,28 dB	2.17%	Pass	(1)
Channel 20	95.00 dB	97.47 dB	80.00 dB	200.00 dB		2,47 dB	2.35%	Pass	(1)
Channel 21	95.00 dB	97.30 dB	80.00 dB	200.00 dB		2,30 dB	2.19%	Pass	(1)
Channel 22	95.00 dB	97.33 dB	80.00 dB	200.00 dB		2,33 dB	2.22%	Pass	(1)
Channel 23	95.00 dB	97.31 dB	80.00 dB	200.00 dB		2,31 dB	2.2%	Pass	(1)
Channel 24	95.00 dB	97.28 dB	80.00 dB	200.00 dB		2,28 dB	2.17%	Pass	(1)
Channel 25	95.00 dB	97.25 dB	80.00 dB	200.00 dB		2,25 dB	2.14%	Pass	(1)
Channel 26	95.00 dB	97.45 dB	80.00 dB	200.00 dB		2,45 dB	2.33%	Pass	(1)
Channel 27	95.00 dB	97.24 dB	80.00 dB	200.00 dB		2,24 dB	2.13%	Pass	(1)
Channel 28	95.00 dB	97.41 dB	80.00 dB	200.00 dB		2,41 dB	2.29%	Pass	(1)
Channel 29	95.00 dB	97.32 dB	80.00 dB	200.00 dB		2,32 dB	2.21%	Pass	(1)
Channel 30	95.00 dB	97.36 dB	80.00 dB	200.00 dB		2,36 dB	2.24%	Pass	(1)
Channel 31	95.00 dB	97.20 dB	80.00 dB	200.00 dB		2,20 dB	2.09%	Pass	(1)
Channel 32	95.00 dB	97.35 dB	80.00 dB	200.00 dB		2,35 dB	2.23%	Pass	(1)
Internal Reference Tests @ 5V Range Single Ended									
First testpoint: 0.0045V									
Second testpoint: 1.2V									
Third testpoint: 2.4V									
4.5mV @ Internal_Ref	0.00450 V	0.00450 V	0.00398 V	0.00502 V		0,00000 V	0.226%	Pass	(1)
1.2V @ Internal_Ref	1.20000 V	1.20000 V	1.19924 V	1.20076 V		0,00000 V	0%	Pass	(1)
2.4V @ Internal_Ref	2.40000 V	2.40005 V	2.39900 V	2.40100 V		0,00005 V	5%	Pass	(1)
Function Check Discrete Channels									
Discrete Channels Test								Pass	(1)
D ... Differental									
SE ... Single Ended									
Hardware Check (Selftest) in D mode								Pass	(1)
Hardware Check (Selftest) in SE mode								Pass	(1)
45 °C @ BoardTemp	45. °C	39 °C	35 °C	55 °C		-6,00 °C	58.8%	Pass	(1)

Ende des Kalibrierscheines / *End of Calibration Certificate*