DEWETRON GmbH

Parkring 4
8074 Grambach
Austria

AAT2550009
Akkreditierung Austria 0632
10.02.2025

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*	8 Channel Analog Out
Hersteller *Manufacturer*	DEWETRON
Typ *Type*	TRION3-AOUT-8
Herstellernummer *Serial number*	A1243392
Auftraggeber *Customer*	
Kalibriernummer *Order number*	AAT2550009
Anzahl der Seiten des Kalibrierscheines *Number of pages of the certificate*	8
Datum der Kalibrierung *Date of calibration*	10.02.2025

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*
	10.02.2025	Stefan Strohmaier	Melanie Buchgraber

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AUSTRIA

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

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1. Kalibriergegenstand / *Calibration object*

8 Channel Analog Out DEWETRON TRION3-AOUT-8, S/N: A1243392

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*: TRION3-AOUT-8_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:*	21,9 °C
Rel. Luftfeuchte / *Rel. humidity:*	35,2 % 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*

Test Akkred. Freigabe

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	16082024	2-Aug-2024	2-Aug-2025
Keysight 3458A 03	3458A Multimeter	MY45052880	I9032024	29-Mär-2024	29-Mär-2025

11. Testergebnisse / Test results

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

Kalibrierverfahren / calibration method:
CAL-KV-01_Gleichspannung_v1.0_2024-07-04.xlsx-05
CAL-KV-02_Wechselspannung_v1.0_2024-07-04.xlsx-05
CAL-KV-03_Gleichstromstärke_v1.0_2024-07-04.xlsx-07
CAL-KV-04_Wechselstromstärke_v1.0_2024-07-04.xlsx-07

Current Temperature of DMM and Calibrator
DMM: 39.3°C
Calibrator: 25.32°C

API Version: 7.3.2.6198
Card Type: TRION3-AOUT-8
Firmware Version: 40
Model version: 1.00
XML version: SVN 1724668981
SN. of board: A1243392

TRION3-1820-MULTI-AOUT-8
SN. of TRION3-1820-MULTI: A1236747

Accurracy:

Voltage:
High Speed Mode:
DC : ±0.02% of reading ±1mV
0.1Hz to 10kHz : ±0.02% of reading ±1mV
>10kHz to 100kHz : ±(0.015% * f) of reading ±1mV
High Resolution Mode:
DC : ±0.02% of reading ±1mV
0.1Hz to 1kHz : ±0.02% of reading ±1mV

Current:
High Speed Mode:
DC : ±0.03% of reading ±3µA
0.1Hz to 10kHz : ±0.3% of reading ±3µA
>10kHz to 100kHz : ±(0.03% * f) of reading ±3µA
High Resolution Mode:
DC : ±0.02% of reading ±3µA
0.1Hz to 1kHz : ±0.3% of reading ±3µA

f ... signal frequency in kHz

HR ... High Resolution Mode
HS ... High Speed Mode

All Tests done with 1MS/s Sample Rate

DC Voltage Output Test
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OUT 1 HS	-10.000000 V	-10.000454 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000454 V	15.1%	Pass
OUT 1 HS	-5.000000 V	-5.000018 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000018 V	0.886%	Pass
OUT 1 HS	0.000000 V	0.000010 V	-0.001000 V	0.001000 V	3.40 e-06 V	0,000010 V	1.04%	Pass
OUT 1 HS	5.000000 V	5.000016 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000016 V	0.78%	Pass
OUT 1 HS	10.000000 V	10.000654 V	9.997000 V	10.003000 V	87.00 e-06 V	0,000654 V	21.8%	Pass
OUT 1 HR	-10.000000 V	-9.999653 V	-10.003000 V	-9.997000 V	87.00 e-06 V	0,000347 V	11.6%	Pass
OUT 1 HR	-5.000000 V	-5.000135 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000135 V	6.76%	Pass
OUT 1 HR	0.000000 V	-0.000006 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000006 V	0.581%	Pass
OUT 1 HR	5.000000 V	5.000161 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000161 V	8.05%	Pass
OUT 1 HR	10.000000 V	9.999611 V	9.997000 V	10.003000 V	87.00 e-06 V	-0,000389 V	13%	Pass
OUT 2 HS	-10.000000 V	-10.000088 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000088 V	2.95%	Pass
OUT 2 HS	-5.000000 V	-5.000100 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000100 V	5%	Pass
OUT 2 HS	0.000000 V	-0.000077 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000077 V	7.68%	Pass
OUT 2 HS	5.000000 V	5.000068 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000068 V	3.39%	Pass
OUT 2 HS	10.000000 V	10.000607 V	9.997000 V	10.003000 V	87.00 e-06 V	0,000607 V	20.2%	Pass
OUT 2 HR	-10.000000 V	-10.000037 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000037 V	1.23%	Pass
OUT 2 HR	-5.000000 V	-5.000382 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000382 V	19.1%	Pass
OUT 2 HR	0.000000 V	-0.000127 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000127 V	12.7%	Pass
OUT 2 HR	5.000000 V	5.000190 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000190 V	9.5%	Pass
OUT 2 HR	10.000000 V	9.999838 V	9.997000 V	10.003000 V	87.00 e-06 V	-0,000162 V	5.41%	Pass
OUT 3 HS	-10.000000 V	-10.000939 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000939 V	31.3%	Pass
OUT 3 HS	-5.000000 V	-5.000322 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000322 V	16.1%	Pass
OUT 3 HS	0.000000 V	-0.000127 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000127 V	12.7%	Pass
OUT 3 HS	5.000000 V	5.000139 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000139 V	6.95%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
OUT 3 HS	10.000000 V	10.001085 V	9.997000 V	10.003000 V	87.00 e-06 V	0,001085 V	36.2%	Pass
OUT 3 HR	-10.000000 V	-10.000407 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000407 V	13.6%	Pass
OUT 3 HR	-5.000000 V	-5.000708 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000708 V	35.4%	Pass
OUT 3 HR	0.000000 V	-0.000352 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000352 V	35.2%	Pass
OUT 3 HR	5.000000 V	4.999967 V	4.998000 V	5.002000 V	46.00 e-06 V	-0,000033 V	1.67%	Pass
OUT 3 HR	10.000000 V	9.999693 V	9.997000 V	10.003000 V	87.00 e-06 V	-0,000307 V	10.2%	Pass
OUT 4 HS	-10.000000 V	-10.000727 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000727 V	24.2%	Pass
OUT 4 HS	-5.000000 V	-5.000103 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000103 V	5.13%	Pass
OUT 4 HS	0.000000 V	-0.000310 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000310 V	31%	Pass
OUT 4 HS	5.000000 V	4.999964 V	4.998000 V	5.002000 V	46.00 e-06 V	-0,000036 V	1.78%	Pass
OUT 4 HS	10.000000 V	10.000882 V	9.997000 V	10.003000 V	87.00 e-06 V	0,000882 V	29.4%	Pass
OUT 4 HR	-10.000000 V	-10.000140 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000140 V	4.65%	Pass
OUT 4 HR	-5.000000 V	-5.000420 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000420 V	21%	Pass
OUT 4 HR	0.000000 V	-0.000052 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000052 V	5.23%	Pass
OUT 4 HR	5.000000 V	5.000282 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000282 V	14.1%	Pass
OUT 4 HR	10.000000 V	9.999982 V	9.997000 V	10.003000 V	87.00 e-06 V	-0,000018 V	0.608%	Pass
OUT 5 HS	-10.000000 V	-10.000481 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000481 V	16%	Pass
OUT 5 HS	-5.000000 V	-4.999968 V	-5.002000 V	-4.998000 V	46.00 e-06 V	0,000032 V	1.58%	Pass
OUT 5 HS	0.000000 V	-0.000212 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000212 V	21.2%	Pass
OUT 5 HS	5.000000 V	4.999951 V	4.998000 V	5.002000 V	46.00 e-06 V	-0,000049 V	2.44%	Pass
OUT 5 HS	10.000000 V	10.000654 V	9.997000 V	10.003000 V	87.00 e-06 V	0,000654 V	21.8%	Pass
OUT 5 HR	-10.000000 V	-10.000206 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000206 V	6.87%	Pass
OUT 5 HR	-5.000000 V	-5.000513 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000513 V	25.6%	Pass
OUT 5 HR	0.000000 V	-0.000141 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000141 V	14.1%	Pass
OUT 5 HR	5.000000 V	5.000191 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000191 V	9.53%	Pass
OUT 5 HR	10.000000 V	9.999814 V	9.997000 V	10.003000 V	87.00 e-06 V	-0,000186 V	6.19%	Pass
OUT 6 HS	-10.000000 V	-10.000653 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000653 V	21.8%	Pass
OUT 6 HS	-5.000000 V	-5.000115 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000115 V	5.76%	Pass
OUT 6 HS	0.000000 V	-0.000022 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000022 V	2.2%	Pass
OUT 6 HS	5.000000 V	5.000174 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000174 V	8.68%	Pass
OUT 6 HS	10.000000 V	10.000940 V	9.997000 V	10.003000 V	87.00 e-06 V	0,000940 V	31.3%	Pass
OUT 6 HR	-10.000000 V	-10.000405 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000405 V	13.5%	Pass
OUT 6 HR	-5.000000 V	-5.000632 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000632 V	31.6%	Pass
OUT 6 HR	0.000000 V	-0.000204 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000204 V	20.4%	Pass
OUT 6 HR	5.000000 V	5.000236 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000236 V	11.8%	Pass
OUT 6 HR	10.000000 V	9.999955 V	9.997000 V	10.003000 V	87.00 e-06 V	-0,000045 V	1.51%	Pass
OUT 7 HS	-10.000000 V	-10.000723 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000723 V	24.1%	Pass
OUT 7 HS	-5.000000 V	-5.000220 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000220 V	11%	Pass
OUT 7 HS	0.000000 V	-0.000097 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000097 V	9.7%	Pass
OUT 7 HS	5.000000 V	4.999929 V	4.998000 V	5.002000 V	46.00 e-06 V	-0,000071 V	3.55%	Pass
OUT 7 HS	10.000000 V	10.000651 V	9.997000 V	10.003000 V	87.00 e-06 V	0,000651 V	21.7%	Pass
OUT 7 HR	-10.000000 V	-10.000326 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000326 V	10.9%	Pass
OUT 7 HR	-5.000000 V	-5.000535 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000535 V	26.8%	Pass
OUT 7 HR	0.000000 V	-0.000108 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000108 V	10.8%	Pass
OUT 7 HR	5.000000 V	5.000310 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000310 V	15.5%	Pass
OUT 7 HR	10.000000 V	10.000038 V	9.997000 V	10.003000 V	87.00 e-06 V	0,000038 V	1.26%	Pass
OUT 8 HS	-10.000000 V	-10.000336 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000336 V	11.2%	Pass
OUT 8 HS	-5.000000 V	-4.999866 V	-5.002000 V	-4.998000 V	46.00 e-06 V	0,000134 V	6.69%	Pass
OUT 8 HS	0.000000 V	-0.000097 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000097 V	9.68%	Pass
OUT 8 HS	5.000000 V	4.999741 V	4.998000 V	5.002000 V	46.00 e-06 V	-0,000259 V	13%	Pass
OUT 8 HS	10.000000 V	10.000495 V	9.997000 V	10.003000 V	87.00 e-06 V	0,000495 V	16.5%	Pass
OUT 8 HR	-10.000000 V	-10.000340 V	-10.003000 V	-9.997000 V	87.00 e-06 V	-0,000340 V	11.3%	Pass
OUT 8 HR	-5.000000 V	-5.000587 V	-5.002000 V	-4.998000 V	46.00 e-06 V	-0,000587 V	29.4%	Pass
OUT 8 HR	0.000000 V	-0.000199 V	-0.001000 V	0.001000 V	3.40 e-06 V	-0,000199 V	19.9%	Pass
OUT 8 HR	5.000000 V	5.000243 V	4.998000 V	5.002000 V	46.00 e-06 V	0,000243 V	12.2%	Pass
OUT 8 HR	10.000000 V	9.999952 V	9.997000 V	10.003000 V	87.00 e-06 V	-0,000048 V	1.6%	Pass

AC Voltage Output Test
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OUT 1 HS @ 53Hz	7.000000 V	6.999967 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000033 V	1.37%	Pass
OUT 1 HS @ 10kHz	7.000000 V	6.999282 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000718 V	29.9%	Pass
OUT 1 HS @ 20kHz	7.000000 V	6.997839 V	6.978000 V	7.022000 V	1.50 e-03 V	-0,002161 V	9.82%	Pass
OUT 1 HS @ 100kHz	7.000000 V	6.945417 V	6.894000 V	7.106000 V	7.00 e-03 V	-0,054583 V	51.5%	Pass
OUT 1 HR @ 53Hz	7.000000 V	6.999611 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000389 V	16.2%	Pass
OUT 1 HR @ 1kHz	7.000000 V	6.999163 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000837 V	34.9%	Pass
OUT 2 HS @ 53Hz	7.000000 V	6.999842 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000158 V	6.58%	Pass
OUT 2 HS @ 10kHz	7.000000 V	6.999170 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000830 V	34.6%	Pass
OUT 2 HS @ 20kHz	7.000000 V	6.997706 V	6.978000 V	7.022000 V	1.50 e-03 V	-0,002294 V	10.4%	Pass
OUT 2 HS @ 100kHz	7.000000 V	6.945014 V	6.894000 V	7.106000 V	7.00 e-03 V	-0,054986 V	51.9%	Pass
OUT 2 HR @ 53Hz	7.000000 V	6.999838 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000162 V	6.77%	Pass
OUT 2 HR @ 1kHz	7.000000 V	6.999387 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000613 V	25.5%	Pass
OUT 3 HS @ 53Hz	7.000000 V	7.000232 V	6.997600 V	7.002400 V	920.00 e-06 V	0,000232 V	9.65%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status
OUT 3 HS @ 10kHz	7.000000 V	6.999566 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000434 V	18.1%	Pass
OUT 3 HS @ 20kHz	7.000000 V	6.998119 V	6.978000 V	7.022000 V	1.50 e-03 V	-0,001881 V	8.55%	Pass
OUT 3 HS @ 100kHz	7.000000 V	6.945756 V	6.894000 V	7.106000 V	7.00 e-03 V	-0,054244 V	51.2%	Pass
OUT 3 HR @ 53Hz	7.000000 V	6.999900 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000100 V	4.15%	Pass
OUT 3 HR @ 1kHz	7.000000 V	6.999472 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000528 V	22%	Pass
OUT 4 HS @ 53Hz	7.000000 V	7.000061 V	6.997600 V	7.002400 V	920.00 e-06 V	0,000061 V	2.53%	Pass
OUT 4 HS @ 10kHz	7.000000 V	6.999383 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000617 V	25.7%	Pass
OUT 4 HS @ 20kHz	7.000000 V	6.997947 V	6.978000 V	7.022000 V	1.50 e-03 V	-0,002053 V	9.33%	Pass
OUT 4 HS @ 100kHz	7.000000 V	6.946013 V	6.894000 V	7.106000 V	7.00 e-03 V	-0,053987 V	50.9%	Pass
OUT 4 HR @ 53Hz	7.000000 V	6.999878 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000122 V	5.1%	Pass
OUT 4 HR @ 1kHz	7.000000 V	6.999476 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000524 V	21.8%	Pass
OUT 5 HS @ 53Hz	7.000000 V	6.999996 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000004 V	0.176%	Pass
OUT 5 HS @ 10kHz	7.000000 V	6.999327 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000673 V	28%	Pass
OUT 5 HS @ 20kHz	7.000000 V	6.997874 V	6.978000 V	7.022000 V	1.50 e-03 V	-0,002126 V	9.66%	Pass
OUT 5 HS @ 100kHz	7.000000 V	6.945247 V	6.894000 V	7.106000 V	7.00 e-03 V	-0,054753 V	51.7%	Pass
OUT 5 HR @ 53Hz	7.000000 V	6.999850 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000150 V	6.26%	Pass
OUT 5 HR @ 1kHz	7.000000 V	6.999398 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000602 V	25.1%	Pass
OUT 6 HS @ 53Hz	7.000000 V	7.000069 V	6.997600 V	7.002400 V	920.00 e-06 V	0,000069 V	2.88%	Pass
OUT 6 HS @ 10kHz	7.000000 V	6.999412 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000588 V	24.5%	Pass
OUT 6 HS @ 20kHz	7.000000 V	6.997982 V	6.978000 V	7.022000 V	1.50 e-03 V	-0,002018 V	9.17%	Pass
OUT 6 HS @ 100kHz	7.000000 V	6.945978 V	6.894000 V	7.106000 V	7.00 e-03 V	-0,054022 V	51%	Pass
OUT 6 HR @ 53Hz	7.000000 V	6.999980 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000020 V	0.827%	Pass
OUT 6 HR @ 1kHz	7.000000 V	6.999536 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000464 V	19.3%	Pass
OUT 7 HS @ 53Hz	7.000000 V	7.000022 V	6.997600 V	7.002400 V	920.00 e-06 V	0,000022 V	0.898%	Pass
OUT 7 HS @ 10kHz	7.000000 V	6.999332 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000668 V	27.8%	Pass
OUT 7 HS @ 20kHz	7.000000 V	6.997862 V	6.978000 V	7.022000 V	1.50 e-03 V	-0,002138 V	9.72%	Pass
OUT 7 HS @ 100kHz	7.000000 V	6.944847 V	6.894000 V	7.106000 V	7.00 e-03 V	-0,055153 V	52%	Pass
OUT 7 HR @ 53Hz	7.000000 V	6.999958 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000042 V	1.76%	Pass
OUT 7 HR @ 1kHz	7.000000 V	6.999515 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000485 V	20.2%	Pass
OUT 8 HS @ 53Hz	7.000000 V	6.999788 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000212 V	8.82%	Pass
OUT 8 HS @ 10kHz	7.000000 V	6.999086 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000914 V	38.1%	Pass
OUT 8 HS @ 20kHz	7.000000 V	6.997564 V	6.978000 V	7.022000 V	1.50 e-03 V	-0,002436 V	11.1%	Pass
OUT 8 HS @ 100kHz	7.000000 V	6.944226 V	6.894000 V	7.106000 V	7.00 e-03 V	-0,055774 V	52.6%	Pass
OUT 8 HR @ 53Hz	7.000000 V	6.999946 V	6.997600 V	7.002400 V	920.00 e-06 V	-0,000054 V	2.26%	Pass
OUT 8 HR @ 1kHz	7.000000 V	6.999498 V	6.997600 V	7.002400 V	1.50 e-03 V	-0,000502 V	20.9%	Pass

DC Current Output Test
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OUT 1 HS	-30.000000 mA	-30.003720 mA	-30.012000 mA	-29.988000 mA	2.30 e-03 mA	-0,003720 mA	31%	Pass
OUT 1 HS	-15.000000 mA	-15.001625 mA	-15.007500 mA	-14.992500 mA	1.50 e-03 mA	-0,001625 mA	21.7%	Pass
OUT 1 HS	0.000000 mA	-0.000752 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000752 mA	25.1%	Pass
OUT 1 HS	15.000000 mA	15.000211 mA	14.992500 mA	15.007500 mA	1.50 e-03 mA	0,000211 mA	2.81%	Pass
OUT 1 HS	30.000000 mA	30.004325 mA	29.988000 mA	30.012000 mA	2.30 e-03 mA	0,004325 mA	36%	Pass
OUT 1 HR	-30.000000 mA	-30.000999 mA	-30.009000 mA	-29.991000 mA	2.30 e-03 mA	-0,000999 mA	11.1%	Pass
OUT 1 HR	-15.000000 mA	-15.001506 mA	-15.006000 mA	-14.994000 mA	1.50 e-03 mA	-0,001506 mA	25.1%	Pass
OUT 1 HR	0.000000 mA	-0.000169 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000169 mA	5.62%	Pass
OUT 1 HR	15.000000 mA	15.000250 mA	14.994000 mA	15.006000 mA	1.50 e-03 mA	0,000250 mA	4.16%	Pass
OUT 1 HR	30.000000 mA	30.000008 mA	29.991000 mA	30.009000 mA	2.30 e-03 mA	0,000008 mA	0.0844%	Pass
OUT 2 HS	-30.000000 mA	-30.004981 mA	-30.012000 mA	-29.988000 mA	2.30 e-03 mA	-0,004981 mA	41.5%	Pass
OUT 2 HS	-15.000000 mA	-15.002407 mA	-15.007500 mA	-14.992500 mA	1.50 e-03 mA	-0,002407 mA	32.1%	Pass
OUT 2 HS	0.000000 mA	-0.000391 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000391 mA	13%	Pass
OUT 2 HS	15.000000 mA	15.000757 mA	14.992500 mA	15.007500 mA	1.50 e-03 mA	0,000757 mA	10.1%	Pass
OUT 2 HS	30.000000 mA	30.004035 mA	29.988000 mA	30.012000 mA	2.30 e-03 mA	0,004035 mA	33.6%	Pass
OUT 2 HR	-30.000000 mA	-30.003059 mA	-30.009000 mA	-29.991000 mA	2.30 e-03 mA	-0,003059 mA	34%	Pass
OUT 2 HR	-15.000000 mA	-15.002594 mA	-15.006000 mA	-14.994000 mA	1.50 e-03 mA	-0,002594 mA	43.2%	Pass
OUT 2 HR	0.000000 mA	-0.000620 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000620 mA	20.7%	Pass
OUT 2 HR	15.000000 mA	15.000340 mA	14.994000 mA	15.006000 mA	1.50 e-03 mA	0,000340 mA	5.66%	Pass
OUT 2 HR	30.000000 mA	30.000696 mA	29.991000 mA	30.009000 mA	2.30 e-03 mA	0,000696 mA	7.74%	Pass
OUT 3 HS	-30.000000 mA	-30.005198 mA	-30.012000 mA	-29.988000 mA	2.30 e-03 mA	-0,005198 mA	43.3%	Pass
OUT 3 HS	-15.000000 mA	-15.001793 mA	-15.007500 mA	-14.992500 mA	1.50 e-03 mA	-0,001793 mA	23.9%	Pass
OUT 3 HS	0.000000 mA	-0.000816 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000816 mA	27.2%	Pass
OUT 3 HS	15.000000 mA	15.000534 mA	14.992500 mA	15.007500 mA	1.50 e-03 mA	0,000534 mA	7.12%	Pass
OUT 3 HS	30.000000 mA	30.004546 mA	29.988000 mA	30.012000 mA	2.30 e-03 mA	0,004546 mA	37.9%	Pass
OUT 3 HR	-30.000000 mA	-30.002734 mA	-30.009000 mA	-29.991000 mA	2.30 e-03 mA	-0,002734 mA	30.4%	Pass
OUT 3 HR	-15.000000 mA	-15.002671 mA	-15.006000 mA	-14.994000 mA	1.50 e-03 mA	-0,002671 mA	44.5%	Pass
OUT 3 HR	0.000000 mA	-0.000901 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000901 mA	30%	Pass
OUT 3 HR	15.000000 mA	14.999983 mA	14.994000 mA	15.006000 mA	1.50 e-03 mA	-0,000017 mA	0.282%	Pass
OUT 3 HR	30.000000 mA	30.000195 mA	29.991000 mA	30.009000 mA	2.30 e-03 mA	0,000195 mA	2.16%	Pass
OUT 4 HS	-30.000000 mA	-30.002621 mA	-30.012000 mA	-29.988000 mA	2.30 e-03 mA	-0,002621 mA	21.8%	Pass
OUT 4 HS	-15.000000 mA	-15.000725 mA	-15.007500 mA	-14.992500 mA	1.50 e-03 mA	-0,000725 mA	9.66%	Pass

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status	
OUT 4 HS	0.000000 mA	0.000025 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	0,000025 mA	0.832%	Pass	
OUT 4 HS	15.000000 mA	15.000695 mA	14.992500 mA	15.007500 mA	1.50 e-03 mA	0,000695 mA	9.27%	Pass	
OUT 4 HS	30.000000 mA	30.005205 mA	29.988000 mA	30.012000 mA	2.30 e-03 mA	0,005205 mA	43.4%	Pass	
OUT 4 HR	-30.000000 mA	-30.000399 mA	-30.009000 mA	-29.991000 mA	2.30 e-03 mA	-0,000399 mA	4.44%	Pass	
OUT 4 HR	-15.000000 mA	-15.000897 mA	-15.006000 mA	-14.994000 mA	1.50 e-03 mA	-0,000897 mA	15%	Pass	
OUT 4 HR	0.000000 mA	0.000133 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	0,000133 mA	4.45%	Pass	
OUT 4 HR	15.000000 mA	15.001180 mA	14.994000 mA	15.006000 mA	1.50 e-03 mA	0,001180 mA	19.7%	Pass	
OUT 4 HR	30.000000 mA	30.001290 mA	29.991000 mA	30.009000 mA	2.30 e-03 mA	0,001290 mA	14.3%	Pass	
OUT 5 HS	-30.000000 mA	-30.004049 mA	-30.012000 mA	-29.988000 mA	2.30 e-03 mA	-0,004049 mA	33.7%	Pass	
OUT 5 HS	-15.000000 mA	-15.002038 mA	-15.007500 mA	-14.992500 mA	1.50 e-03 mA	-0,002038 mA	27.2%	Pass	
OUT 5 HS	0.000000 mA	-0.000451 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000451 mA	15%	Pass	
OUT 5 HS	15.000000 mA	14.999482 mA	14.992500 mA	15.007500 mA	1.50 e-03 mA	-0,000518 mA	6.91%	Pass	
OUT 5 HS	30.000000 mA	30.002907 mA	29.988000 mA	30.012000 mA	2.30 e-03 mA	0,002907 mA	24.2%	Pass	
OUT 5 HR	-30.000000 mA	-30.002932 mA	-30.009000 mA	-29.991000 mA	2.30 e-03 mA	-0,002932 mA	32.6%	Pass	
OUT 5 HR	-15.000000 mA	-15.002616 mA	-15.006000 mA	-14.994000 mA	1.50 e-03 mA	-0,002616 mA	43.6%	Pass	
OUT 5 HR	0.000000 mA	-0.000687 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000687 mA	22.9%	Pass	
OUT 5 HR	15.000000 mA	14.999979 mA	14.994000 mA	15.006000 mA	1.50 e-03 mA	-0,000021 mA	0.348%	Pass	
OUT 5 HR	30.000000 mA	29.999708 mA	29.991000 mA	30.009000 mA	2.30 e-03 mA	-0,000292 mA	3.24%	Pass	
OUT 6 HS	-30.000000 mA	-30.004312 mA	-30.012000 mA	-29.988000 mA	2.30 e-03 mA	-0,004312 mA	35.9%	Pass	
OUT 6 HS	-15.000000 mA	-15.001681 mA	-15.007500 mA	-14.992500 mA	1.50 e-03 mA	-0,001681 mA	22.4%	Pass	
OUT 6 HS	0.000000 mA	-0.000174 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000174 mA	5.81%	Pass	
OUT 6 HS	15.000000 mA	15.000308 mA	14.992500 mA	15.007500 mA	1.50 e-03 mA	0,000308 mA	4.11%	Pass	
OUT 6 HS	30.000000 mA	30.003492 mA	29.988000 mA	30.012000 mA	2.30 e-03 mA	0,003492 mA	29.1%	Pass	
OUT 6 HR	-30.000000 mA	-30.004218 mA	-30.009000 mA	-29.991000 mA	2.30 e-03 mA	-0,004218 mA	46.9%	Pass	
OUT 6 HR	-15.000000 mA	-15.003434 mA	-15.006000 mA	-14.994000 mA	1.50 e-03 mA	-0,003434 mA	57.2%	Pass	
OUT 6 HR	0.000000 mA	-0.000807 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000807 mA	26.9%	Pass	
OUT 6 HR	15.000000 mA	15.000603 mA	14.994000 mA	15.006000 mA	1.50 e-03 mA	0,000603 mA	10.1%	Pass	
OUT 6 HR	30.000000 mA	30.000872 mA	29.991000 mA	30.009000 mA	2.30 e-03 mA	0,000872 mA	9.69%	Pass	
OUT 7 HS	-30.000000 mA	-30.003014 mA	-30.012000 mA	-29.988000 mA	2.30 e-03 mA	-0,003014 mA	25.1%	Pass	
OUT 7 HS	-15.000000 mA	-15.001077 mA	-15.007500 mA	-14.992500 mA	1.50 e-03 mA	-0,001077 mA	14.4%	Pass	
OUT 7 HS	0.000000 mA	-0.000296 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000296 mA	9.87%	Pass	
OUT 7 HS	15.000000 mA	15.000023 mA	14.992500 mA	15.007500 mA	1.50 e-03 mA	0,000023 mA	0.304%	Pass	
OUT 7 HS	30.000000 mA	30.003025 mA	29.988000 mA	30.012000 mA	2.30 e-03 mA	0,003025 mA	25.2%	Pass	
OUT 7 HR	-30.000000 mA	-30.002239 mA	-30.009000 mA	-29.991000 mA	2.30 e-03 mA	-0,002239 mA	24.9%	Pass	
OUT 7 HR	-15.000000 mA	-15.002075 mA	-15.006000 mA	-14.994000 mA	1.50 e-03 mA	-0,002075 mA	34.6%	Pass	
OUT 7 HR	0.000000 mA	-0.000332 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000332 mA	11.1%	Pass	
OUT 7 HR	15.000000 mA	15.000658 mA	14.994000 mA	15.006000 mA	1.50 e-03 mA	0,000658 mA	11%	Pass	
OUT 7 HR	30.000000 mA	30.000668 mA	29.991000 mA	30.009000 mA	2.30 e-03 mA	0,000668 mA	7.42%	Pass	
OUT 8 HS	-30.000000 mA	-30.004403 mA	-30.012000 mA	-29.988000 mA	2.30 e-03 mA	-0,004403 mA	36.7%	Pass	
OUT 8 HS	-15.000000 mA	-15.002179 mA	-15.007500 mA	-14.992500 mA	1.50 e-03 mA	-0,002179 mA	29%	Pass	
OUT 8 HS	0.000000 mA	-0.000869 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000869 mA	29%	Pass	
OUT 8 HS	15.000000 mA	15.000497 mA	14.992500 mA	15.007500 mA	1.50 e-03 mA	0,000497 mA	6.63%	Pass	
OUT 8 HS	30.000000 mA	30.003704 mA	29.988000 mA	30.012000 mA	2.30 e-03 mA	0,003704 mA	30.9%	Pass	
OUT 8 HR	-30.000000 mA	-30.001984 mA	-30.009000 mA	-29.991000 mA	2.30 e-03 mA	-0,001984 mA	22%	Pass	
OUT 8 HR	-15.000000 mA	-15.002071 mA	-15.006000 mA	-14.994000 mA	1.50 e-03 mA	-0,002071 mA	34.5%	Pass	
OUT 8 HR	0.000000 mA	-0.000538 mA	-0.003000 mA	0.003000 mA	1.10 e-06 mA	-0,000538 mA	17.9%	Pass	
OUT 8 HR	15.000000 mA	15.000145 mA	14.994000 mA	15.006000 mA	1.50 e-03 mA	0,000145 mA	2.42%	Pass	
OUT 8 HR	30.000000 mA	29.999833 mA	29.991000 mA	30.009000 mA	2.30 e-03 mA	-0,000167 mA	1.85%	Pass	
AC Current Output Test									
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OUT 1 HS @ 53Hz	21.000000 mA	20.995345 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,004655 mA	7.05%	Pass	
OUT 1 HS @ 10kHz	21.000000 mA	20.998946 mA	20.934000 mA	21.066000 mA		-0,001054 mA	1.6%	Pass	(1)
OUT 1 HS @ 20kHz	21.000000 mA	20.994552 mA	20.871000 mA	21.129000 mA		-0,005448 mA	4.22%	Pass	(1)
OUT 1 HS @ 100kHz	21.000000 mA	20.955889 mA	20.367000 mA	21.633000 mA		-0,044111 mA	6.97%	Pass	(1)
OUT 1 HR @ 53Hz	21.000000 mA	20.993974 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,006026 mA	9.13%	Pass	
OUT 1 HR @ 1kHz	21.000000 mA	20.994668 mA	20.934000 mA	21.066000 mA	34.00 e-03 mA	-0,005332 mA	8.08%	Pass	
OUT 2 HS @ 53Hz	21.000000 mA	20.995700 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,004300 mA	6.51%	Pass	
OUT 2 HS @ 10kHz	21.000000 mA	20.999290 mA	20.934000 mA	21.066000 mA		-0,000710 mA	1.08%	Pass	(1)
OUT 2 HS @ 20kHz	21.000000 mA	20.995409 mA	20.871000 mA	21.129000 mA		-0,004591 mA	3.56%	Pass	(1)
OUT 2 HS @ 100kHz	21.000000 mA	20.955567 mA	20.367000 mA	21.633000 mA		-0,044433 mA	7.02%	Pass	(1)
OUT 2 HR @ 53Hz	21.000000 mA	20.994850 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,005150 mA	7.8%	Pass	
OUT 2 HR @ 1kHz	21.000000 mA	20.995456 mA	20.934000 mA	21.066000 mA	34.00 e-03 mA	-0,004544 mA	6.88%	Pass	
OUT 3 HS @ 53Hz	21.000000 mA	20.996241 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,003759 mA	5.69%	Pass	
OUT 3 HS @ 10kHz	21.000000 mA	20.999932 mA	20.934000 mA	21.066000 mA		-0,000068 mA	0.102%	Pass	(1)
OUT 3 HS @ 20kHz	21.000000 mA	20.995998 mA	20.871000 mA	21.129000 mA		-0,004002 mA	3.1%	Pass	(1)
OUT 3 HS @ 100kHz	21.000000 mA	20.962945 mA	20.367000 mA	21.633000 mA		-0,037055 mA	5.85%	Pass	(1)
OUT 3 HR @ 53Hz	21.000000 mA	20.994658 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,005342 mA	8.09%	Pass	
OUT 3 HR @ 1kHz	21.000000 mA	20.995162 mA	20.934000 mA	21.066000 mA	34.00 e-03 mA	-0,004838 mA	7.33%	Pass	
OUT 4 HS @ 53Hz	21.000000 mA	20.995197 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,004803 mA	7.28%	Pass	
OUT 4 HS @ 10kHz	21.000000 mA	20.999058 mA	20.934000 mA	21.066000 mA		-0,000942 mA	1.43%	Pass	(1)
OUT 4 HS @ 20kHz	21.000000 mA	20.994985 mA	20.871000 mA	21.129000 mA		-0,005015 mA	3.89%	Pass	(1)

11. Testergebnisse / Test results

Test Description	True Value	Test Result	Lower limit	Upper limit	Exp Uncert	Error	% of Tol	Status	
OUT 4 HS @ 100kHz	21.000000 mA	20.961969 mA	20.367000 mA	21.633000 mA		-0,038031 mA	6.01%	Pass	(1)
OUT 4 HR @ 53Hz	21.000000 mA	20.994055 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,005945 mA	9.01%	Pass	
OUT 4 HR @ 1kHz	21.000000 mA	20.994782 mA	20.934000 mA	21.066000 mA	34.00 e-03 mA	-0,005218 mA	7.91%	Pass	
OUT 5 HS @ 53Hz	21.000000 mA	20.995239 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,004761 mA	7.21%	Pass	
OUT 5 HS @ 10kHz	21.000000 mA	20.999136 mA	20.934000 mA	21.066000 mA		-0,000864 mA	1.31%	Pass	(1)
OUT 5 HS @ 20kHz	21.000000 mA	20.995083 mA	20.871000 mA	21.129000 mA		-0,004917 mA	3.81%	Pass	(1)
OUT 5 HS @ 100kHz	21.000000 mA	20.961494 mA	20.367000 mA	21.633000 mA		-0,038506 mA	6.08%	Pass	(1)
OUT 5 HR @ 53Hz	21.000000 mA	20.994469 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,005531 mA	8.38%	Pass	
OUT 5 HR @ 1kHz	21.000000 mA	20.995094 mA	20.934000 mA	21.066000 mA	34.00 e-03 mA	-0,004906 mA	7.43%	Pass	
OUT 6 HS @ 53Hz	21.000000 mA	20.995418 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,004582 mA	6.94%	Pass	
OUT 6 HS @ 10kHz	21.000000 mA	20.999161 mA	20.934000 mA	21.066000 mA		-0,000839 mA	1.27%	Pass	(1)
OUT 6 HS @ 20kHz	21.000000 mA	20.995724 mA	20.871000 mA	21.129000 mA		-0,004276 mA	3.31%	Pass	(1)
OUT 6 HS @ 100kHz	21.000000 mA	20.967652 mA	20.367000 mA	21.633000 mA		-0,032348 mA	5.11%	Pass	(1)
OUT 6 HR @ 53Hz	21.000000 mA	20.995245 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,004755 mA	7.21%	Pass	
OUT 6 HR @ 1kHz	21.000000 mA	20.996055 mA	20.934000 mA	21.066000 mA	34.00 e-03 mA	-0,003945 mA	5.98%	Pass	
OUT 7 HS @ 53Hz	21.000000 mA	20.994797 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,005203 mA	7.88%	Pass	
OUT 7 HS @ 10kHz	21.000000 mA	20.998664 mA	20.934000 mA	21.066000 mA		-0,001336 mA	2.02%	Pass	(1)
OUT 7 HS @ 20kHz	21.000000 mA	20.994149 mA	20.871000 mA	21.129000 mA		-0,005851 mA	4.54%	Pass	(1)
OUT 7 HS @ 100kHz	21.000000 mA	20.958846 mA	20.367000 mA	21.633000 mA		-0,041154 mA	6.5%	Pass	(1)
OUT 7 HR @ 53Hz	21.000000 mA	20.994471 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,005529 mA	8.38%	Pass	
OUT 7 HR @ 1kHz	21.000000 mA	20.995193 mA	20.934000 mA	21.066000 mA	34.00 e-03 mA	-0,004807 mA	7.28%	Pass	
OUT 8 HS @ 53Hz	21.000000 mA	20.995704 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,004296 mA	6.51%	Pass	
OUT 8 HS @ 10kHz	21.000000 mA	20.999410 mA	20.934000 mA	21.066000 mA		-0,000590 mA	0.894%	Pass	(1)
OUT 8 HS @ 20kHz	21.000000 mA	20.995398 mA	20.871000 mA	21.129000 mA		-0,004602 mA	3.57%	Pass	(1)
OUT 8 HS @ 100kHz	21.000000 mA	20.959736 mA	20.367000 mA	21.633000 mA		-0,040264 mA	6.36%	Pass	(1)
OUT 8 HR @ 53Hz	21.000000 mA	20.994243 mA	20.934000 mA	21.066000 mA	39.00 e-03 mA	-0,005757 mA	8.72%	Pass	
OUT 8 HR @ 1kHz	21.000000 mA	20.994958 mA	20.934000 mA	21.066000 mA	34.00 e-03 mA	-0,005042 mA	7.64%	Pass	
Function Check Discret Channels Discret Channels Test								Pass	(1)
50 °C @ BoardTemp	50. °C	53 °C	40 °C	60 °C		3,00 °C	25%	Pass	(1)

Ende des Kalibrierscheines / *End of Calibration Certificate*