MICRO PRECISION

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
CALIBRATION AND DIMENSIONAL MEASUREMENT
Accreditation Number: AC-1969

Certificate of Calibration

Certificate Number: 5523631030283850

Customer:

ZHONGLI TALESUN HONG KONG LIMITED
CARRETERA GUADALAJARA MORELIA #19200 INT. 3
COL. BUENAVISTA
TLAJOMULCO DE ZUÑIGA JALISCO 45640

Date : Aug 17, 2023
Work Order : GDL-447102

MP Control #:	107755	Serial Number:	107755
Asset ID:	107755	Department:	N/A
Description:	3-PATH DIODE POWER SENSOR	Location:	ON SITE CALIBRATION
Manufacturer:	ROHDE & SCHWARZ	Received Condition:	IN TOLERANCE
Model Number:	NRP8S	Returned Condition:	IN TOLERANCE
Size:	10 MHz - 8 GHz (-70 to 23 dBm)	Cal. Date:	Jul 27, 2023
Resolution:	MULTIRESOLUTION	Cal. Interval:	12 MONTHS
Temp./RH:	29.8°C / 38 % RH	Cal. Due Date:	Jul 27, 2024

STATEMENTS OF PASS OR FAIL CONFORMANCE: The uncertainty of measurement has been taken into account when determining compliance with specification. All measurements and test results guard banded to ensure the probability of false-accept does not exceed 2% in compliance with ANSI/NCSL Z540.3-2006.

THE CALIBRATION REPORT STATUS:
PASS - Term used when compliance statement is given, and the measurement result is PASS.
PASS² - Term used when compliance statement is given, and the measurement result is conditional passed or PASS².
FAIL - Term used when compliance statement is given, and the measurement result is FAIL.
FAIL² - Term used when compliance statement is given, and the measurement result is conditional failed or FAIL².
REPORT OF VALUE - Term used when reported measurement is not requiring compliance statement in report.
ADJUSTED - When adjustments are made to an instrument which changes the value of measurement from what was measured as found to new value as left.
LIMITED - When an instrument fails calibration but is still functional in a limited manner.

The expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%, unless otherwise stated. This calibration report complies with ISO/IEC 17025:2017 and ANSI/NCSL Z540.3. Calibration cycles and resulting due dates were submitted/approved by the customer. Any number of factors may cause an instrument to drift out of tolerance before the next scheduled calibration. Recalibration cycles should be based on frequency of use, environmental conditions and customer's established systematic accuracy. All standards are traceable to SI through the National Institute of Standards and Technology (NIST) and/or recognized national or international standards laboratories. Services rendered include proper manufacturer's service instruction and are warranted for no less than thirty (30) days. The information on this report pertains only to the instrument identified, this may not be reproduced in part or in a whole without the prior written approval of the issuing MP Calibration Laboratory.

Standards Used to Calibrate Equipment

I.D.	Manufacturer	Description	Model	Traceability Number	Cal. Due Date
DP5992	EXTECH INSTRUMENTS	HYGRO-THERMOMETER CLOCK	445702	551220084627204	Oct 28, 2023
DM0727	AGILENT	SIGNAL GENERATOR	E4432B	551220085560624	Dec 2, 2023
DW1455	ROHDE & SCHWARZ	AVG POWER SENSOR	NRP-Z91	551220085743806	Feb 4, 2024

Procedures Used in this Event

Procedure Name	Description
ROHDE-SCHWARZ NRPXXSN	Power Sensors, Rohde and Schwarz NRPxxS(N), Oct-18-2016

Additional notes: See attached data.

Calibrating Technician: Tomas Martinez J.
TOMAS MARTINEZ

Approved By:
FELIPE DELGADO