

Certificate of Accreditation

IAJapan hereby accredits the following conformity assessment body as a calibration laboratory of Japan Calibration Service System (JCSS).

Accreditation Identification: JCSS 0217 Calibration

Name of Conformity Assessment Body:

Engineering Business Unit,

RION SERVICE CENTER CO., LTD.

Name of Legal Entity:

RION SERVICE CENTER CO., LTD.

Location of Conformity Assessment Body:

2-22-2, Hyoe, Hachioji, Tokyo 192-0918, Japan

Scope of Accreditation:

Acoustics & Ultrasound (as attached)

Accreditation Requirement:

ISO/IEC 17025: 2017

Accreditation Requirements in the Section 6 of Accreditation Scheme (JCSS) 2nd Edition

Effective Date of Accreditation: 2020-08-04 Expiry Date of Accreditation: 2024-08-03

(Date of Initial Accreditation: 2008-08-28)

KISHIMOTO Isao

Chief Executive, IAJapan National Institute of Technology and Evaluation

- International Accreditation Japan (IAJapan) is a laboratory accreditation body which has signed MRAs of ILAC (International Laboratory Accreditation Cooperation) and APAC (Asia Pacific Accreditation Cooperation).

-This accreditation information is the information as of the effective date of accreditation. The latest accreditation information can be found on the IAJapan website.

MRA requirements are, in addition to relevant international standards and guides, requirements for participation in proficiency testing programs, surveillance and reassessment, and the policy for the traceability of measurement for MRA purpose.

⁻ This laboratory fulfills ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation means this laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

General Field of Calibration: Acoustics & Ultrasound Date of Initial Accreditation of the Field: 2008-08-28

Laboratory's permanent facility/On-site Calibration: Laboratory's permanent facility

Calibration and Measurement Capabilities

| | Calibration Procedures# and Type of Instruments/Materials to be calibrated | Range | Expanded Uncertainty (Level of Confidence Approximately 95 %) |
|---|--|--------------------|---|
| Acoustic Measuring Equipment, etc. | Sound Calibrator (Sound Pressure Level with Reference Standard) (Calibration with Standard Microphone) | 250 Hz (114 dB) | 0.08 dB |
| | | 1000 Hz | 0.09 dB |
| | | (94 dB) | |
| | Sound Calibrator (Sound Pressure Level with Standard Load Volume*) (Calibration with Standard Microphone) | 250 Hz | 0.09 dB |
| | | (114 dB) | |
| | | 1000 Hz | 0.10 dB |
| | | (94 dB) | |

#All Calibration Procedures are in-house procedures developed by this laboratory.

^{*} Effective Load Volume According to Calibration's Condition based on the Specifications for Sound Calibrator