

Licence agreement

RePCal

(Version 1.0)

Summary

RePCal is a COM object developed by the LNE providing a set of functions for calculation of quantities required for Reciprocity pressure Calibration of microphones in couplers. These includes the calculation of parameters of air and the acoustic transfer admittance of a plane wave coupler according to the standards IEC 61094-2:2009 [1], IEC 61094-2:2009/AMD1:2022 [2] and the formulations provided in the reference D. Rodrigues et al. Metrologia 2023 [3].

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