



**Microphone Unit
Type 4193-C-004**

Brüel & Kjær Calibration Chart

IEEE P1451.4 calibration, UTID = 769

Serial No. : 2357560
Serial No. (Microphone) : 2305417
Serial No. (2669C) : 2321699

Combined Sensitivity: -52.7 dB re 1V/Pa
Equivalent to: 2.31 mV/Pa
Uncertainty, 95 % confidence level ±0.3 dB

Valid At:
Temperature: 23 °C
Ambient Static Pressure: 101.3 kPa
Relative Humidity: 50 %
Frequency: 251.2 Hz
Polarization Voltage, external 200 V

Sensitivity Traceable To:
DPLA: Danish Primary Laboratory of Acoustics
NIST: National Institute of Standards and Technology, USA

Procedure: 780231 Date: 30. May. 2002 Sign.: *da*



**Low-frequency Pressure-field
1/2" Microphone Type 4193**

Brüel & Kjær Calibration Chart

Serial No: 2305417

Open-circuit Sensitivity*, S₀: -37.1 dB re 1V/Pa
Equivalent to: 14.0 mV/Pa
Uncertainty, 95 % confidence level 0.2 dB

Capacitance: 19.7 pF

Valid At:
Temperature: 23 °C
Ambient Static Pressure: 101.3 kPa
Relative Humidity: 50 %
Frequency: 251.2 Hz
Polarization Voltage, external: 200 V

Sensitivity Traceable To:
DPLA: Danish Primary Laboratory of Acoustics
NIST: National Institute of Standards and Technology, USA

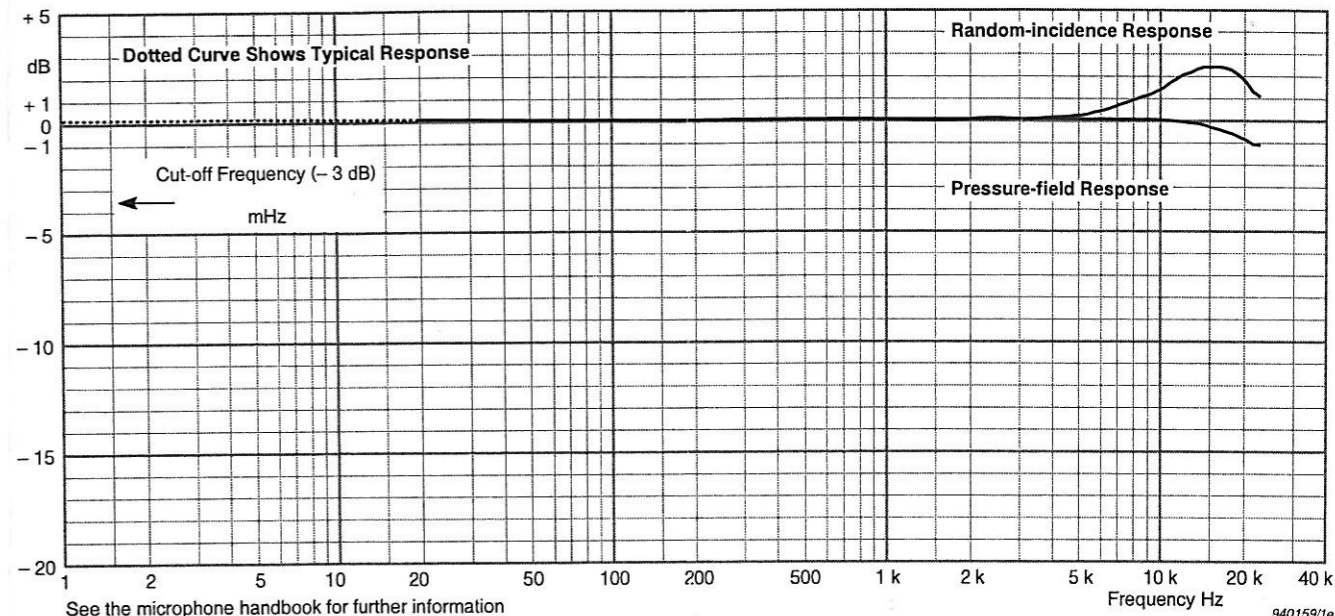
IEC 61094-4: Type WS 2 P

Environmental Calibration Conditions:
101.1 kPa 23 °C 41 % RH

Procedure: 704219 Date: 8. Mar. 2002 Signature: *da*

*K₀ = -26 - S₀ Example: K₀ = -26 - (-38) = +12 dB

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See the microphone handbook for further information