

Filter class compliance

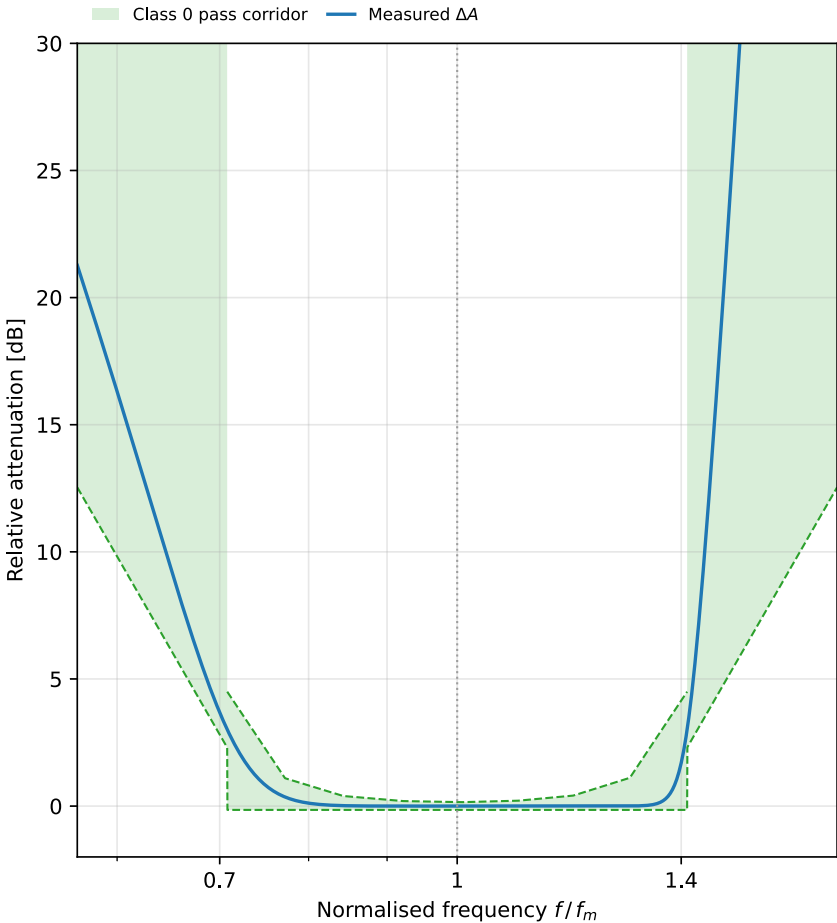
IEC 61260:1995 type test. Conformance to IEC 61260:1995 / ANSI S1.11-2004, Table 1.

Client:	Example client	Filter / instrument:	1/1-octave filter bank
Manufacturer:	Example instruments	Test facility:	Electroacoustics laboratory (example)
Date of test:	2026-07-20		

1/1-octave bank, sampling rate $f_s = 48000$ Hz; relative attenuation referenced to the mid-band level (IEC 61260:1995, 3.13 Note).

Per-band classification

250 Hz	Class 0 (+0.15 dB)
500 Hz	Class 0 (+0.15 dB)
1 kHz	Class 0 (+0.15 dB)
2 kHz	Class 0 (+0.15 dB)
4 kHz	Class 0 (+0.15 dB)



Class 0 - COMPLIES (margin +0.15 dB)

Stop-band limits verified up to each band's processing Nyquist frequency; the multirate anti-aliasing leaves no signal energy beyond it, but the Table 1 limits there are not demonstrated, so the stated class attests the verified frequency range.

Result vs requirement: Achieved class 0, required class 0 → **PASS**

Laboratory: Phonometry reference example

Report no.: EXAMPLE-61260-1995

Date: 2026-07-20

Operator: phonometry Signature: _____

■ The results relate only to the tested specimen.
Generated by phonometry.