

# Filter class compliance

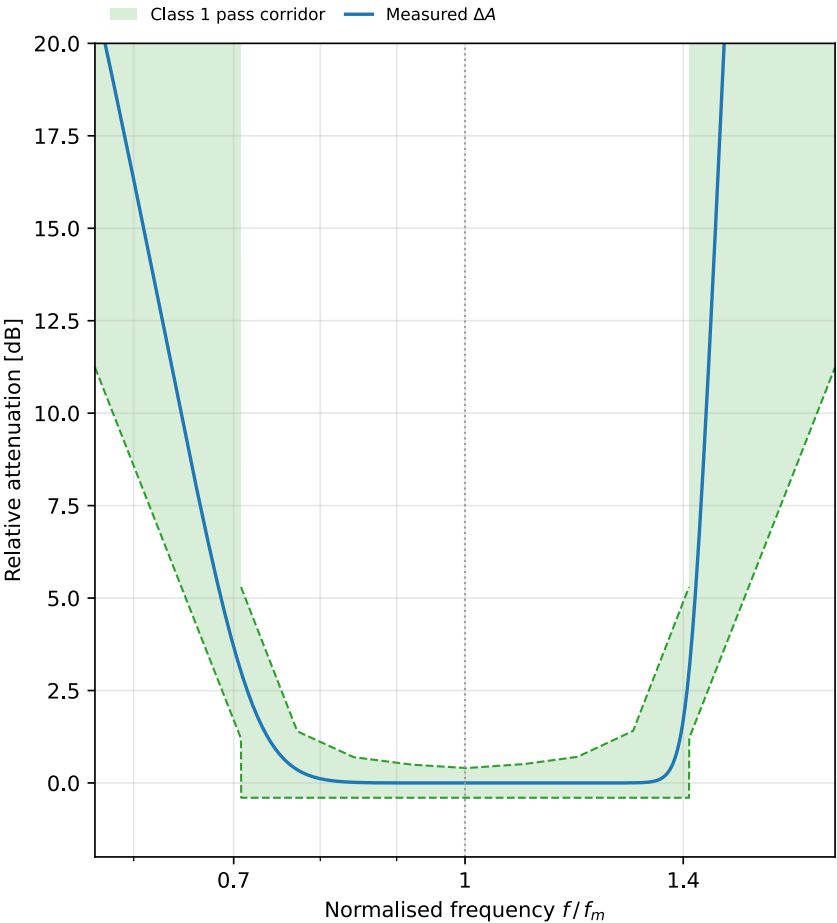
IEC 61260-1:2014 type test. Conformance to IEC 61260-1:2014, Table 1.

|               |                     |                      |                                       |
|---------------|---------------------|----------------------|---------------------------------------|
| 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 61260-1 Formula 8).

### Per-band classification

|        |                    |
|--------|--------------------|
| 125 Hz | Class 1 (+0.40 dB) |
| 250 Hz | Class 1 (+0.40 dB) |
| 500 Hz | Class 1 (+0.40 dB) |
| 1 kHz  | Class 1 (+0.40 dB) |
| 2 kHz  | Class 1 (+0.40 dB) |
| 4 kHz  | Class 1 (+0.40 dB) |



**Class 1 - COMPLIES** (margin +0.40 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 1, required class 1 → **PASS**

**Laboratory:** Phonometry reference example

**Report no.:** EXAMPLE-61260

**Date:** 2026-07-20

Operator: phonometry    Signature: \_\_\_\_\_

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