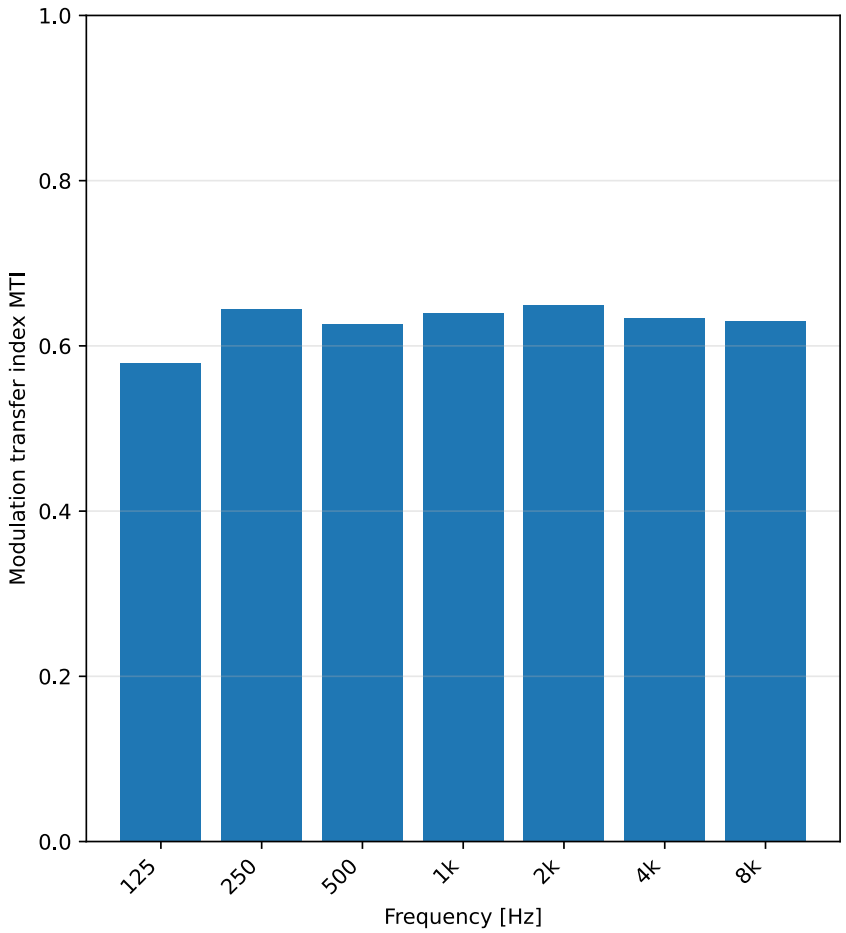
Speech transmission index

IEC 60268-16 speech transmission index. Rating per IEC 60268-16:2020 (full STI, indirect method).

Client:	Example client	System:	Concourse voice-alarm loudspeaker line
Manufacturer:	Example audio systems	Test room:	Transport terminal concourse (example)
Date of test:	2026-07-22		

Octave-band modulation transfer index MTI

f [Hz]	MTI
125	0.58
250	0.64
500	0.63
1000	0.64
2000	0.65
4000	0.63
8000	0.63



STI = 0.64

Qualification band (IEC 60268-16 Annex F): D
Method: full STI, indirect method

Result vs requirement: STI = 0.64, required ≥ 0.50 → **PASS**

Laboratory: Phonometry reference example
Report no.: EXAMPLE-STI
Date: 2026-07-22
Operator: phonometry Signature: _____

■ The results relate only to the tested specimen.

Generated by phonometry.