

P5

Acoustic Test Report

JB LIGHTING

JB-Lighting Lichanlagentechnik GmbH
Sallersteig 15
D-89134 Blaustein
Tel. +49 (0)7304 9617-0
www.jb-lighting.de



P5 Acoustic Test Report

Measuring date: 11.06.2026

TESTED DEVICE

Manufacturer	JB Lighting GmbH
Fixture model	P5 Beamspot
Serial number	050001

ENVIRONMENT

Room temperature:	21.5 °C
Humidity:	39 % (±5%)
Background noise:	8.4 dB(A)
Warm-up time:	30 time minutes
Room size:	1,600 x 1,000 x 634 L x W x H in cm
Insulation depth:	1.2 meter
Room type:	Semi anechoic room
Location:	Fohhn Audio AG Nürtingen, Germany
Measured modes:	Whisper Silent Standard Boost

MEASURING

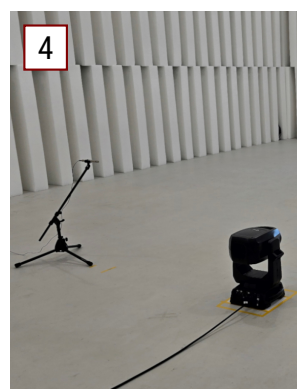
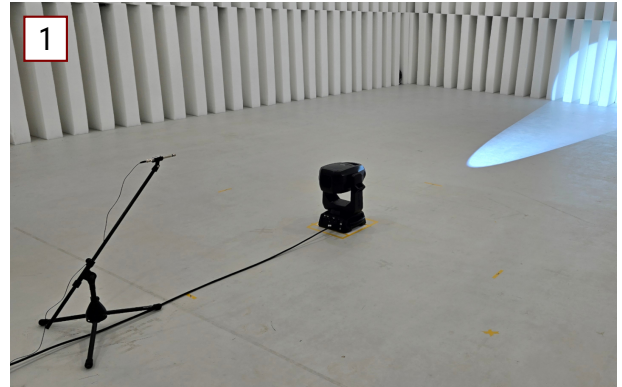
Device:	NTi Audio XL2
Microphone:	NTi Audio M2914
Last calibration:	11.06.2026
Valuation:	Calculated from all five measurements

All effects static, light source ON, 100% output

Average sound pressure level*

Mode	L _{pAeq} [dB]
Whisper	21.1
Silent	23.2
Standard	28.3
Boost	30.8
Indoor noise	8.4

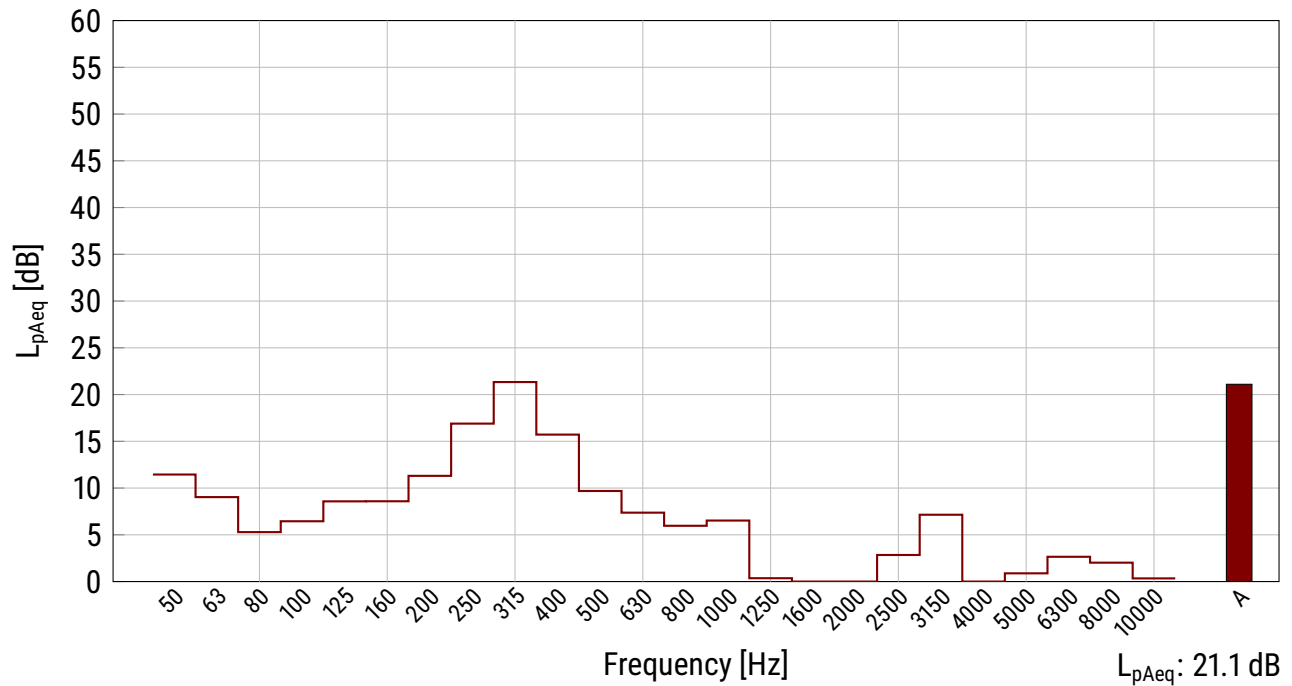
MEASURING POSITIONS



*1.0 m to the outside of the device

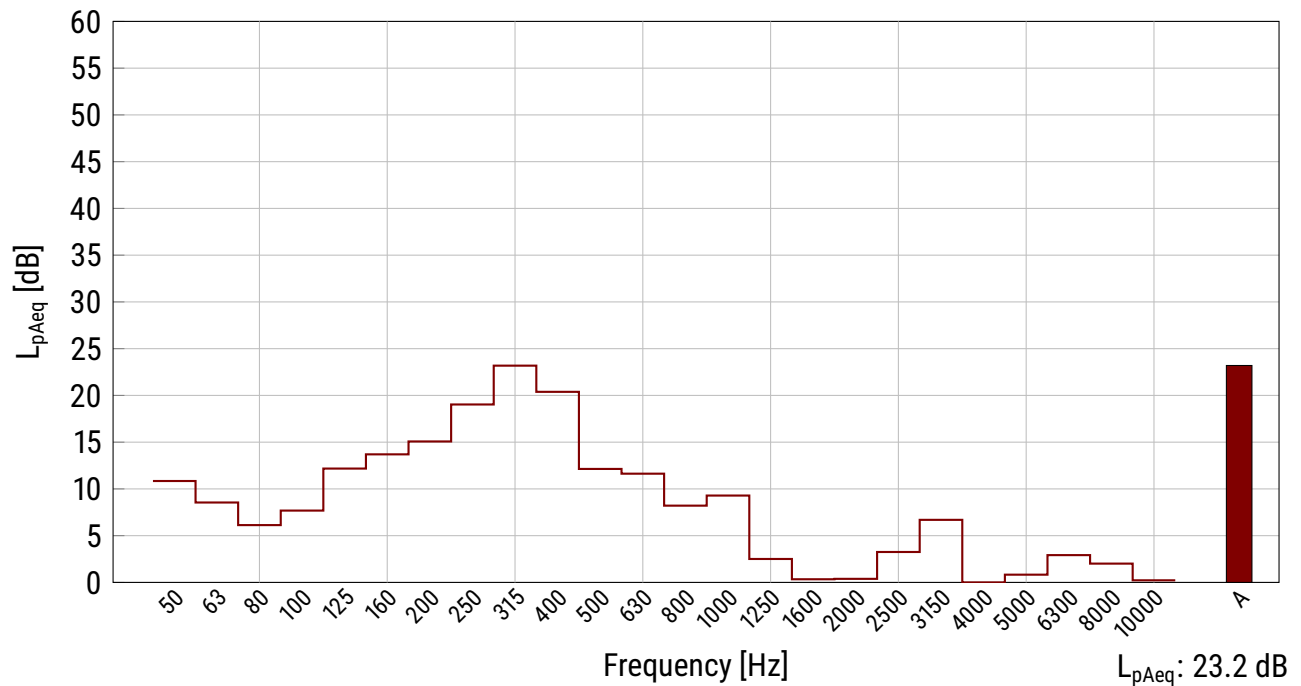
Whisper

Sound pressure level



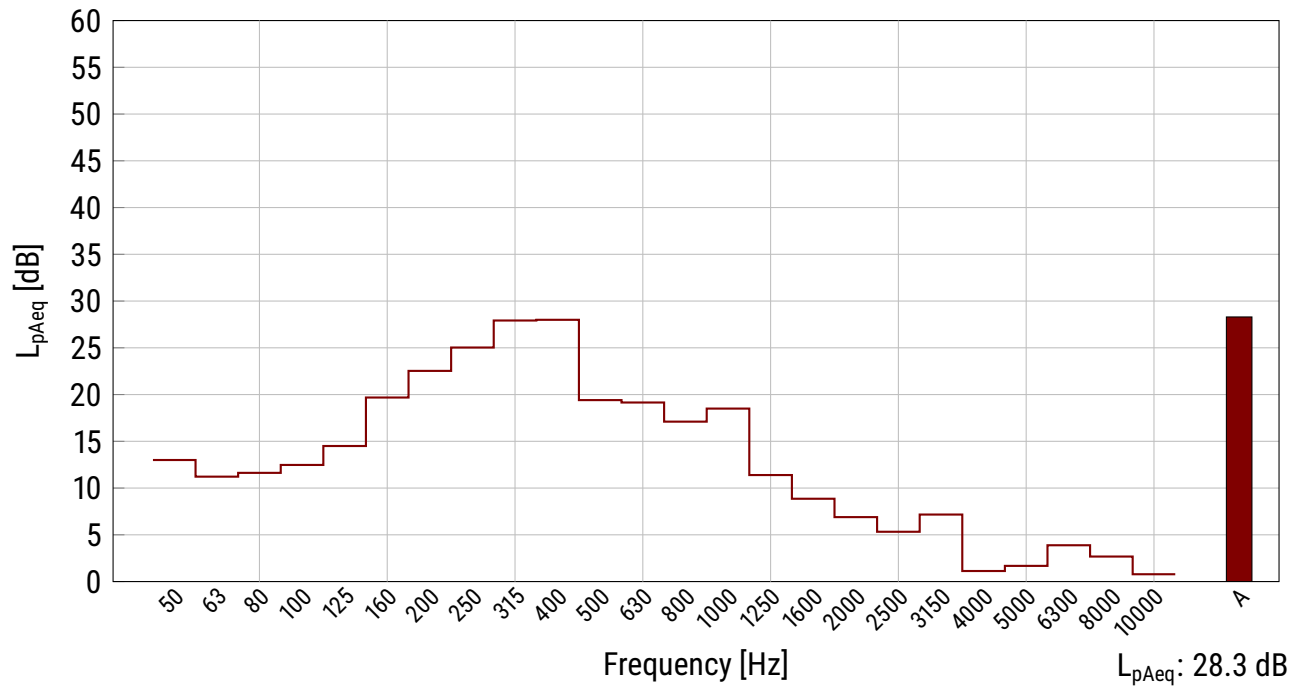
Silent

Sound pressure level



Standard

Sound pressure level



Boost

Sound pressure level

