Evaluation Report

Kolink Inspire K1



TEST EQUIPMENT

Test Environment	**Hemi-Anechoic Chamber with 6 dB(A) noise floor**
Conditions	25(±2) degrees Celsius, 40-50% humidity
Sound Analyzer	Bruel & Kjaer 2270-S G4 & 2250-L G4
Microphone	Bruel & Kjaer Type 4955-A
Mic Calibrator	Bruel & Kjaer Type 4231
Data Logger	Picoscope TC-08

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TECHNICAL SPECIFICATIONS TABLE

Brand	be quiet!
Product Name	Dark Base Pro 900 rev. 2
Type	Full Tower
Dimensions (LxWxH)	577 x 243 x 586mm
Motherboard Support	Mini-ITX, Micro-ATX, ATX, E-ATX, XL-ATX
Removable Motherboard Tray	Yes
Front Door/Cover	Yes
Materials	Steel, ABS, Aluminum, Tempered Glass
Materials Side Panel	Left: Tempered Glass Right: Steel, ABS
Expansion Slots	8x
Drive Bays	5.25": 2x External 3.5 " : 5x Internal (can be used for 2x 2.5" each) 2.5" : 2x Internal
I/O Panel	2x USB 3.0, 1x USB 3.1 Gen 2 Type-C, 1x USB quick charge, 1x Headphone, 1x Microphone, 1x Qi Charger
Pre-installed Fan(s)	Front: 2x 140mm (SilentWings 3, 1600 RPM) Rear: 1x 140mm (SilentWings 3, 1600 RPM)
Fan Support	Top: 4x 120mm / 3x 140mm / 1x 180mm Bottom: 2x 120/140mm Front: 4x 120/3x 140mm Rear: 1x 120/140mm
Fan Bearing Type	Fluid Dynamic Bearing (FDB)
Fan Power Connector	4-Pin (PWM)
Fan/LED Controller	2-stage fan controller (8x 4-pin)
Radiator Support	Front: 120 / 140 / 240 / 280 / 360 / 420mm Top: 120 / 140 / 180 / 240 / 280 / 360 / 420mm Rear: 120 / 140mm
CPU Cooler Height (Max)	185mm
VGA Length (Max)	323mm (472mm without HDD cage)
PSU Length (Max)	284mm (150mm with bottom fan installed)
Dust Filters	Front, Bottom, Side
PSU Support	Bottom mount, ATX
Weight	14.39 kg
Warranty	3

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Stock Fan(s) RPM

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INFO

Stock Fan Speed from 40% to 100%

Stock Fan(s) Noise Output - LAeq

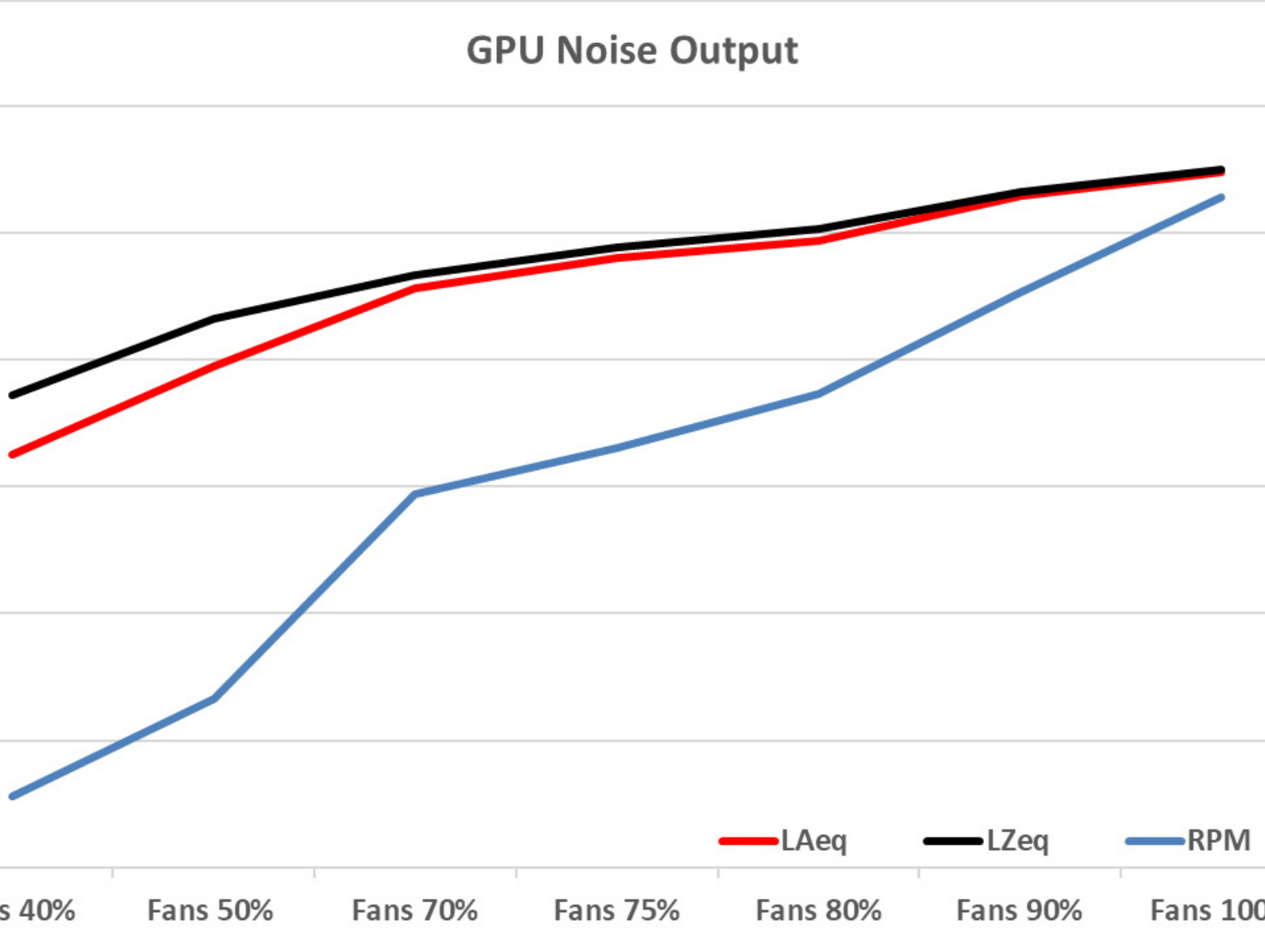
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INFO

Stock Fan Noise Output from 40% to 100%

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GPU Fan(s) Noise Output - LAeq

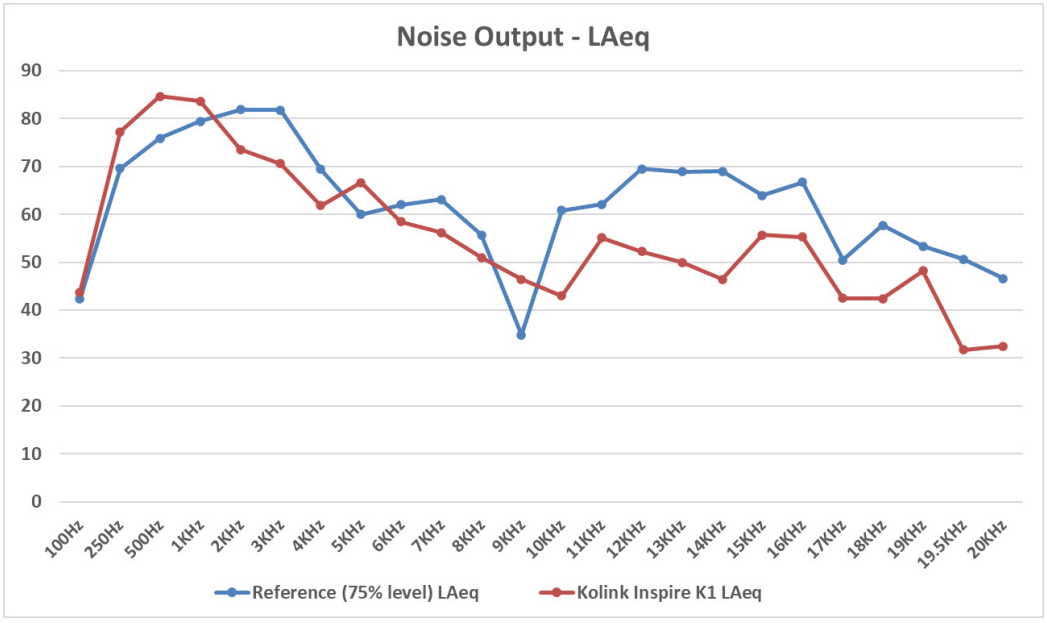


NVIDIA GeForce GTX 970 Noise Output from 40% to 100% Fan Speed

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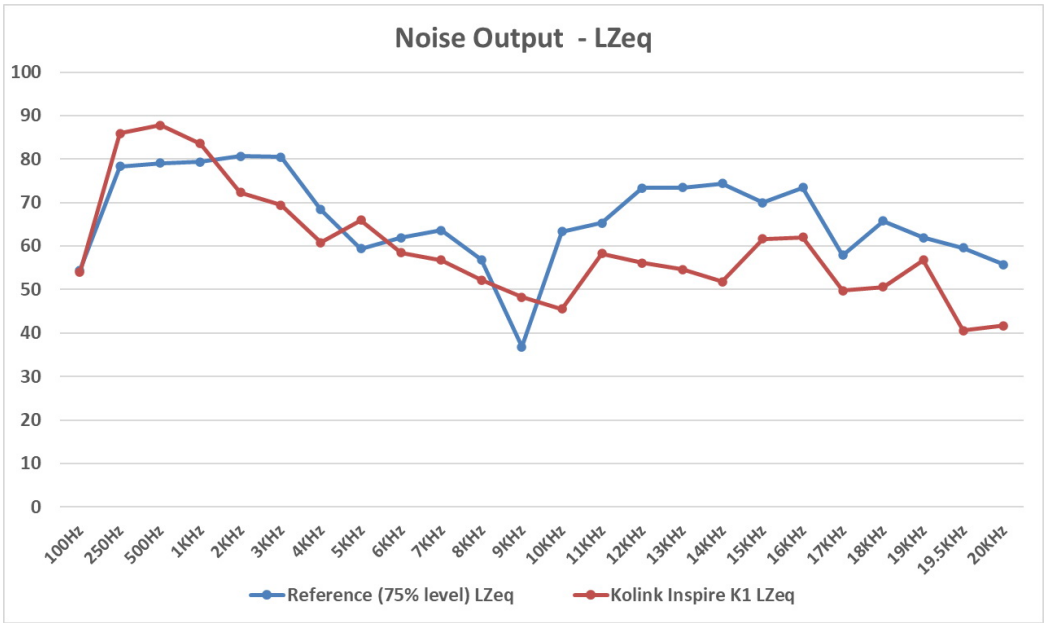
Noise Output LAeq - Test Tones



INFO

Noise Output in DB(A) from 100 Hz to 20 kHz

Noise Output LZeq - Test Tones



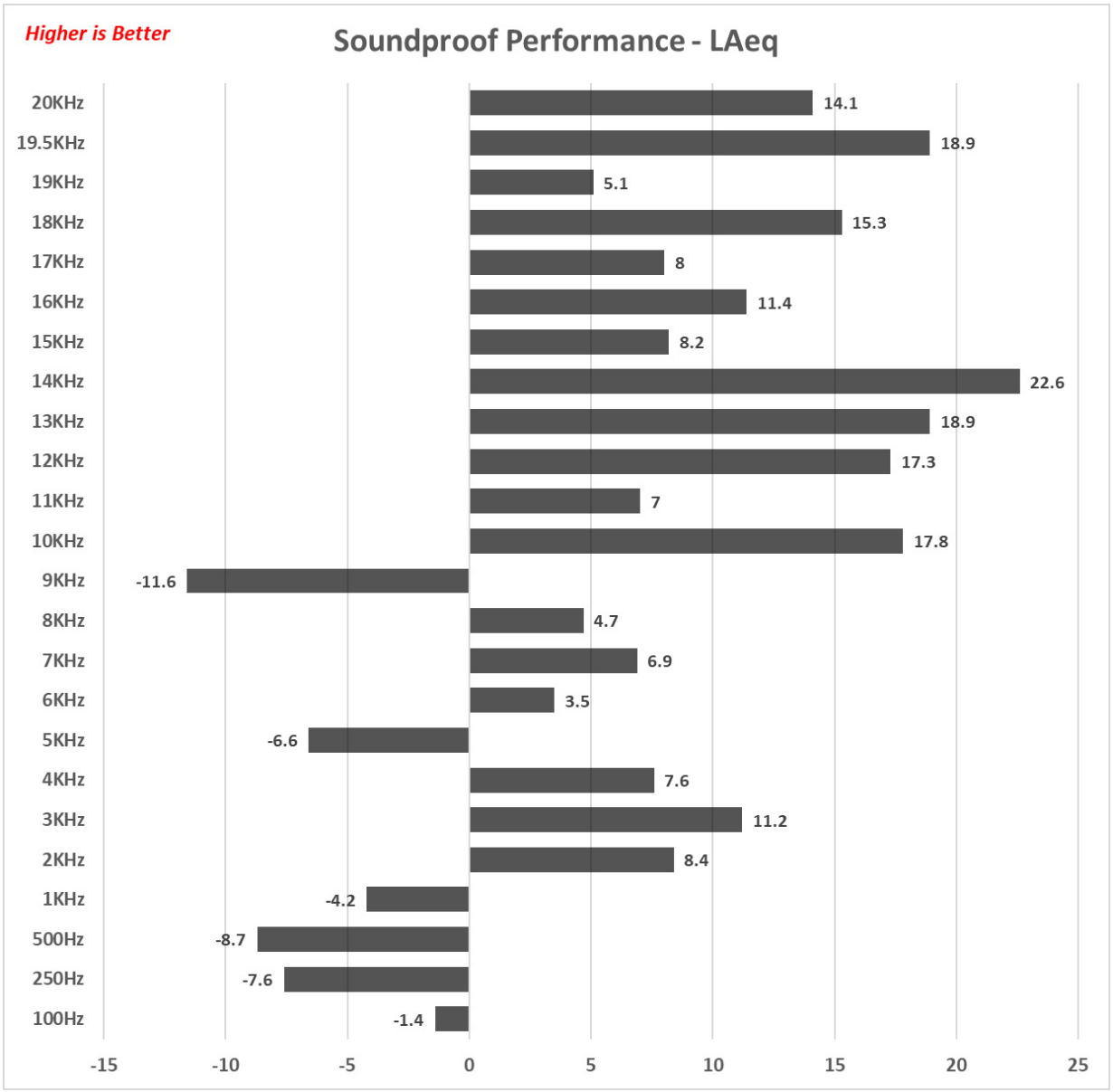
INFO

Noise Output in DB(Z) from 100 Hz to 20 kHz

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Soundproof Performance LAeq - Test Tones

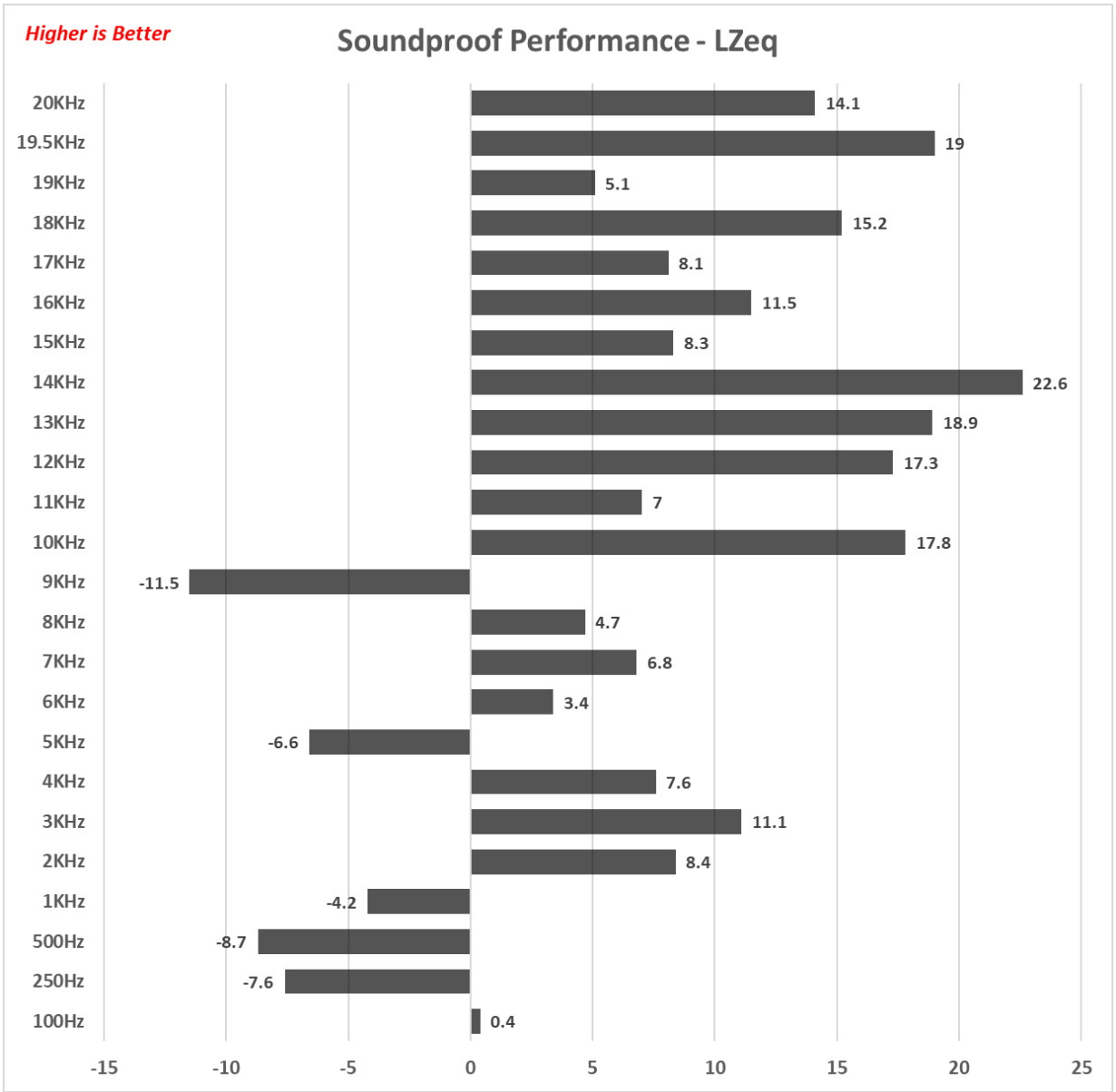


Soundproof Performance in dB(A) from 100 Hz to 20 kHz

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Soundproof Performance LZeq - Test Tones

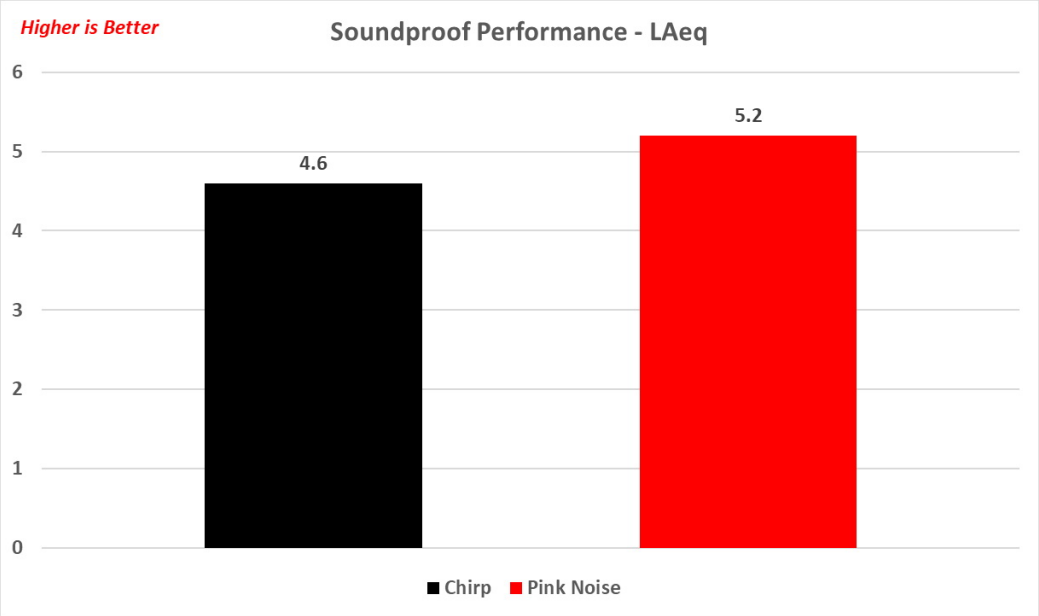


Soundproof Performance in dB(Z) from 100 Hz to 20 kHz

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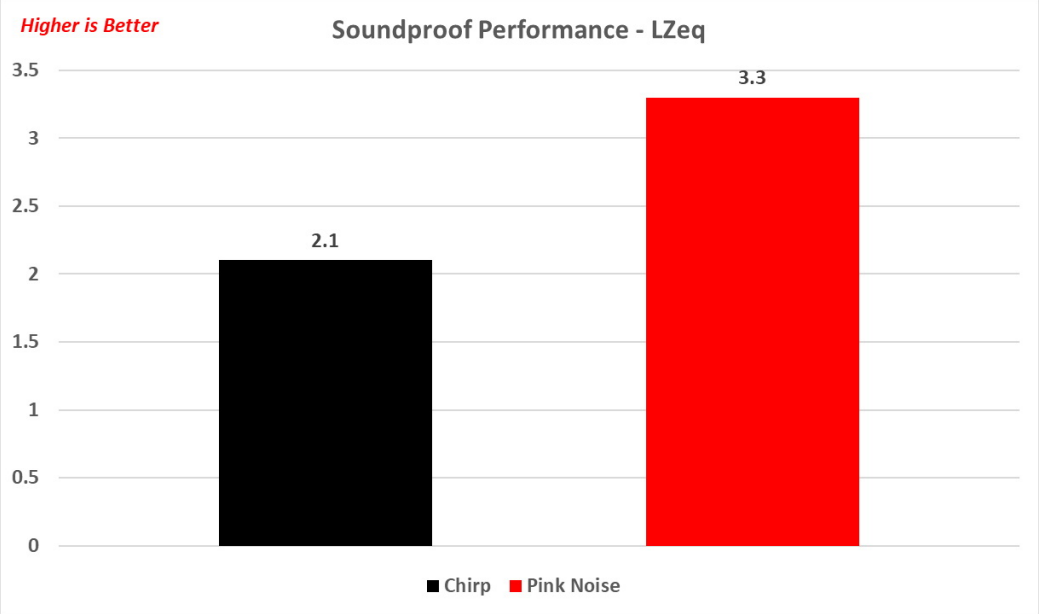
Soundproof Performance LAeq - Pink & Chirp



INFO

Chirp & Pink Noise Soundproof Performance (dB[A])

Soundproof Performance LZeq - Pink & Chirp



INFO

Chirp & Pink Noise Soundproof Performance (dB[Z])

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Case Photo #1



Case Photo #2

CERTIFICATIONS



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