

## Evaluation Report

Thermaltake A700TG



### TEST EQUIPMENT

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

All data and graphs included in this test report can be used by any individual on the following conditions:

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### TECHNICAL SPECIFICATIONS TABLE

Brand	Thermaltake
Product Name	A700TG
Type	Full Tower
Dimensions (LxWxH)	596 x 294 x 582 mm
Motherboard Support	Mini-ITX, Micro-ATX, ATX, E-ATX
Removable Motherboard Tray	No
Materials Body	SPCC, Aluminum, Tempered Glass
Materials Side Panel	Left: Tempered Glass Right: Tempered Glass
Expansion Slots	8x
Drive Bays	Accessible: 2.5" x 5 or 3.5" x 4 (HDD Rack) Hidden: 2.5" x 6 or 3.5" x 3
I/O Panel	1x Type-C, 2x USB 3.0, 2x USB 2.0, 1x Audio Jack, 1x Mic Jack, 1x Power Button, 1x Reset Button
Pre-installed Fan(s)	Front: 1x 140mm Rear: 1x 140mm
Fan Support	Front: 3x 120 mm / 3x 140 mm / 2x 200 mm Top: 3x 120 mm / 3x 140 mm / 2x 200 mm Rear: 1x 120 mm / 1x 140 mm Bottom: 2x 120 mm
Fan Bearing Type	Hydro-Dynamic
Fan Power Connector	3-Pin
LED Controller	No
Radiator Support	Front: 360 mm / 360 mm (For 200mm fan) / 420 mm Top: 280 mm / 360 mm Rear: 120mm / 140mm
CPU Cooler Height (Max)	200 mm
VGA Length (Max)	310 mm (With HDD Rack) / 410 mm (Without HDD Rack)
PSU Length (Max)	220 mm (Without Bottom Fan)
Behind MB Tray Clearance/Cable Management Support	30 - 35 mm
Dust Filters	Top, Front, Bottom
PSU Support	Bottom Mount, ATX
Weight	20.05 kg
Warranty	3 years

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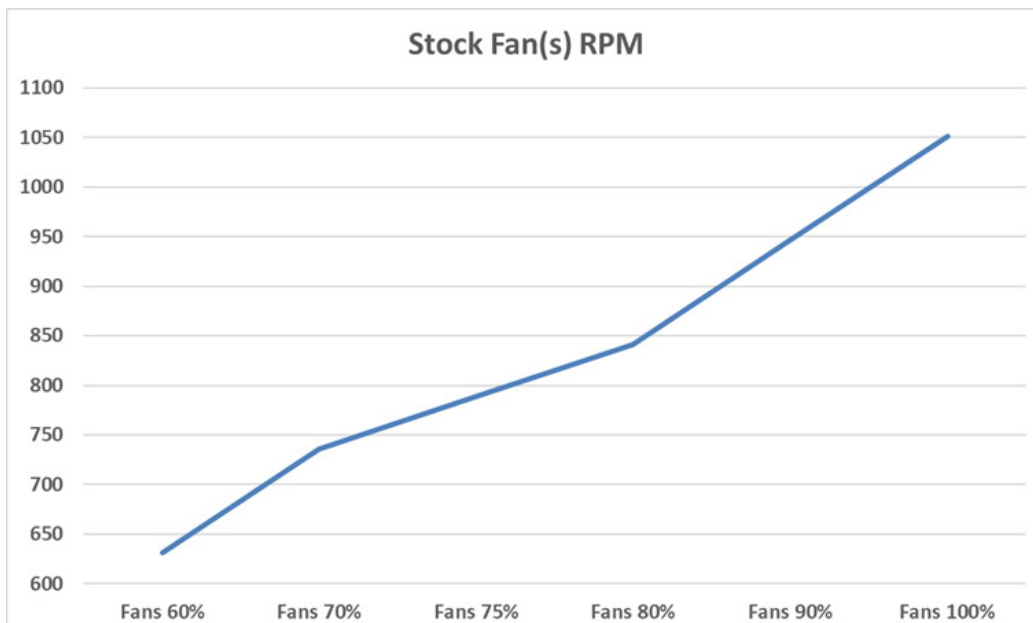
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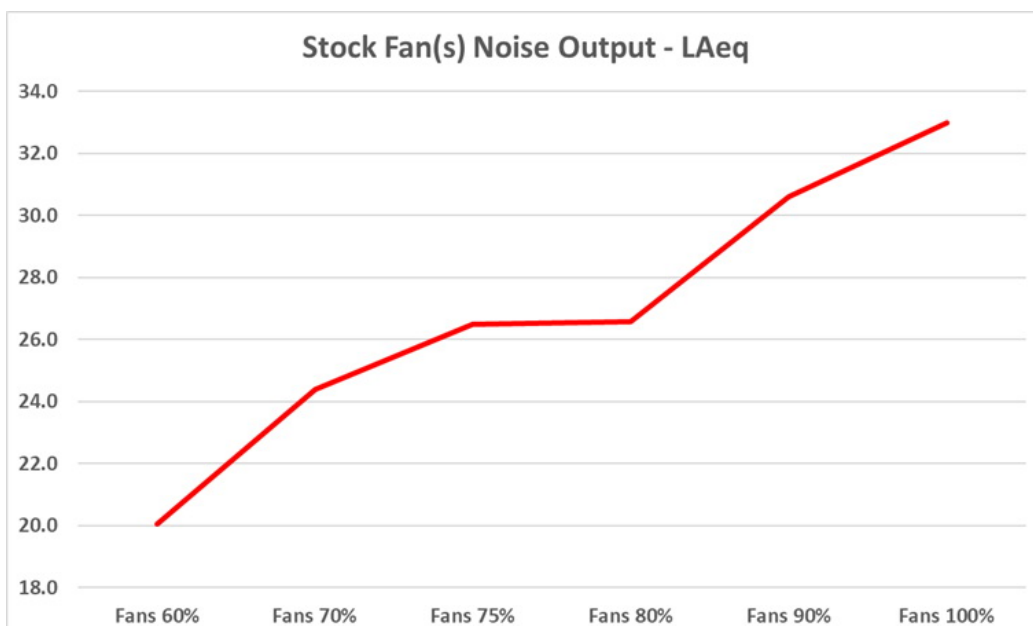
### Stock Fan(s) RPM



#### INFO

Stock Fan Speed from 40% to 100%

### Stock Fan(s) Noise Output - LAeq



#### INFO

Stock Fan Noise Output from 40% to 100%

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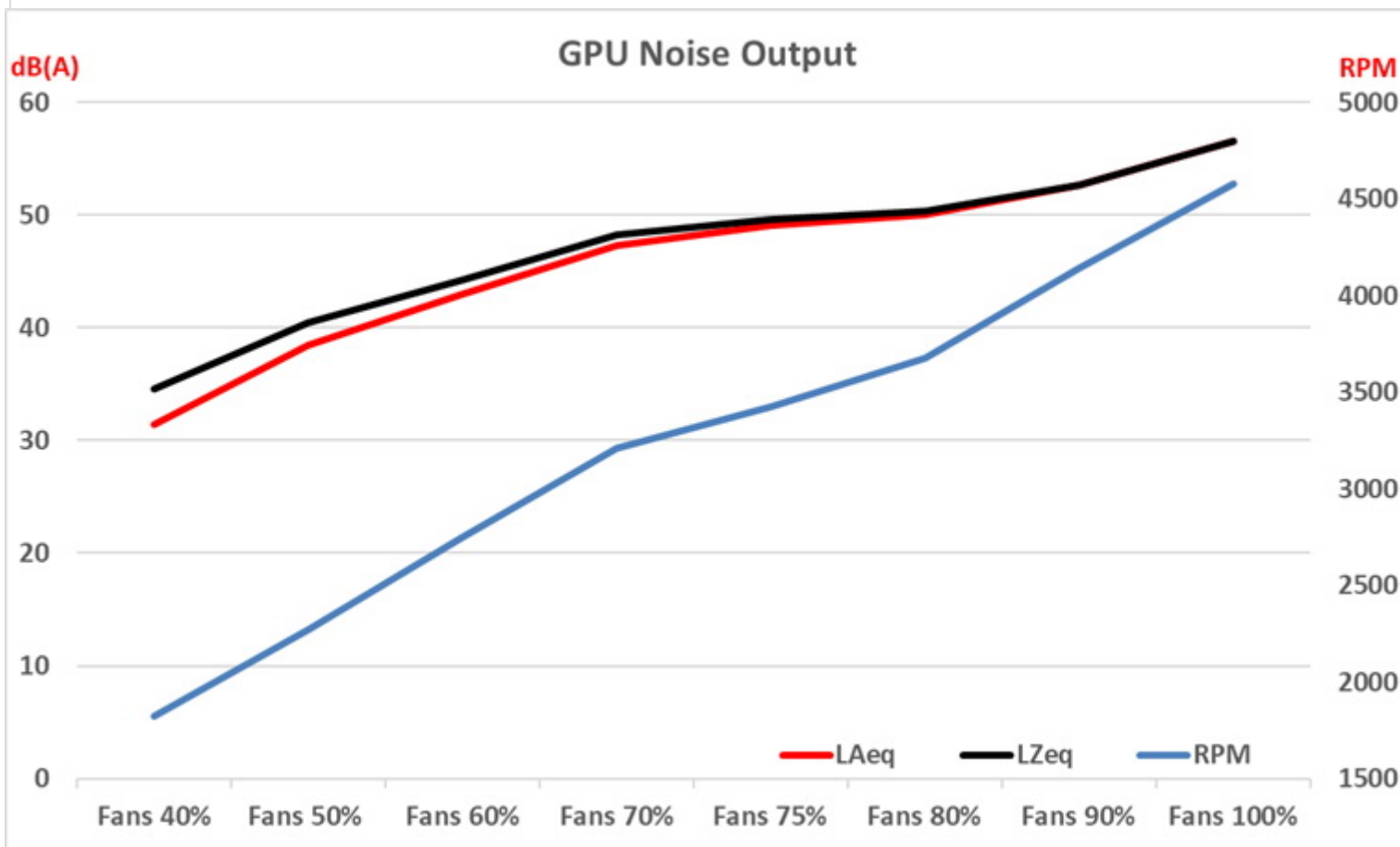
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### GPU Fan(s) Noise Output - LAeq



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

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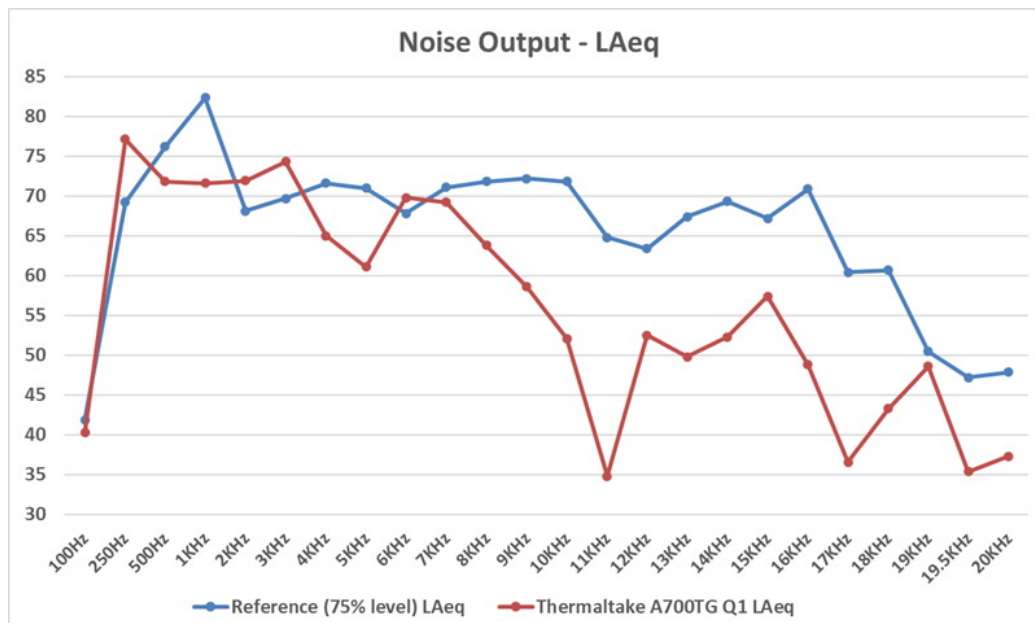
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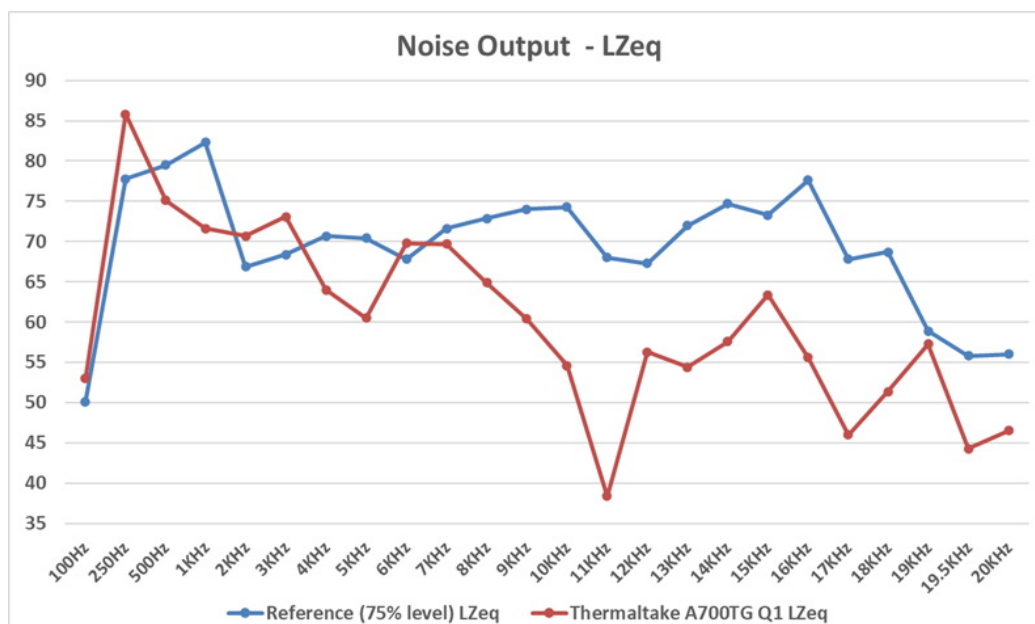
### Noise Output LAeq - Test Tones



#### 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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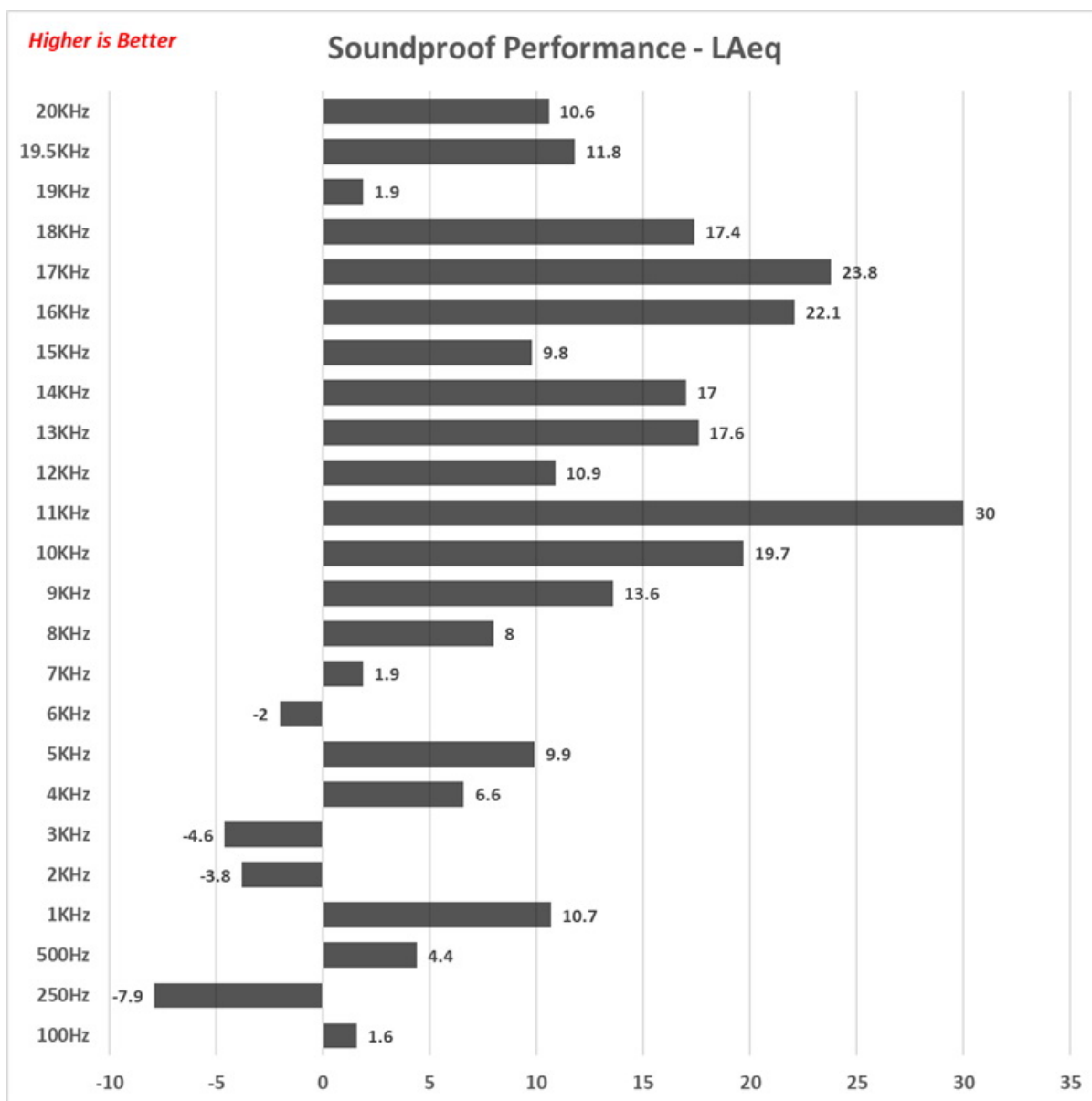
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### Soundproof Performance LAeq - Test Tones



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

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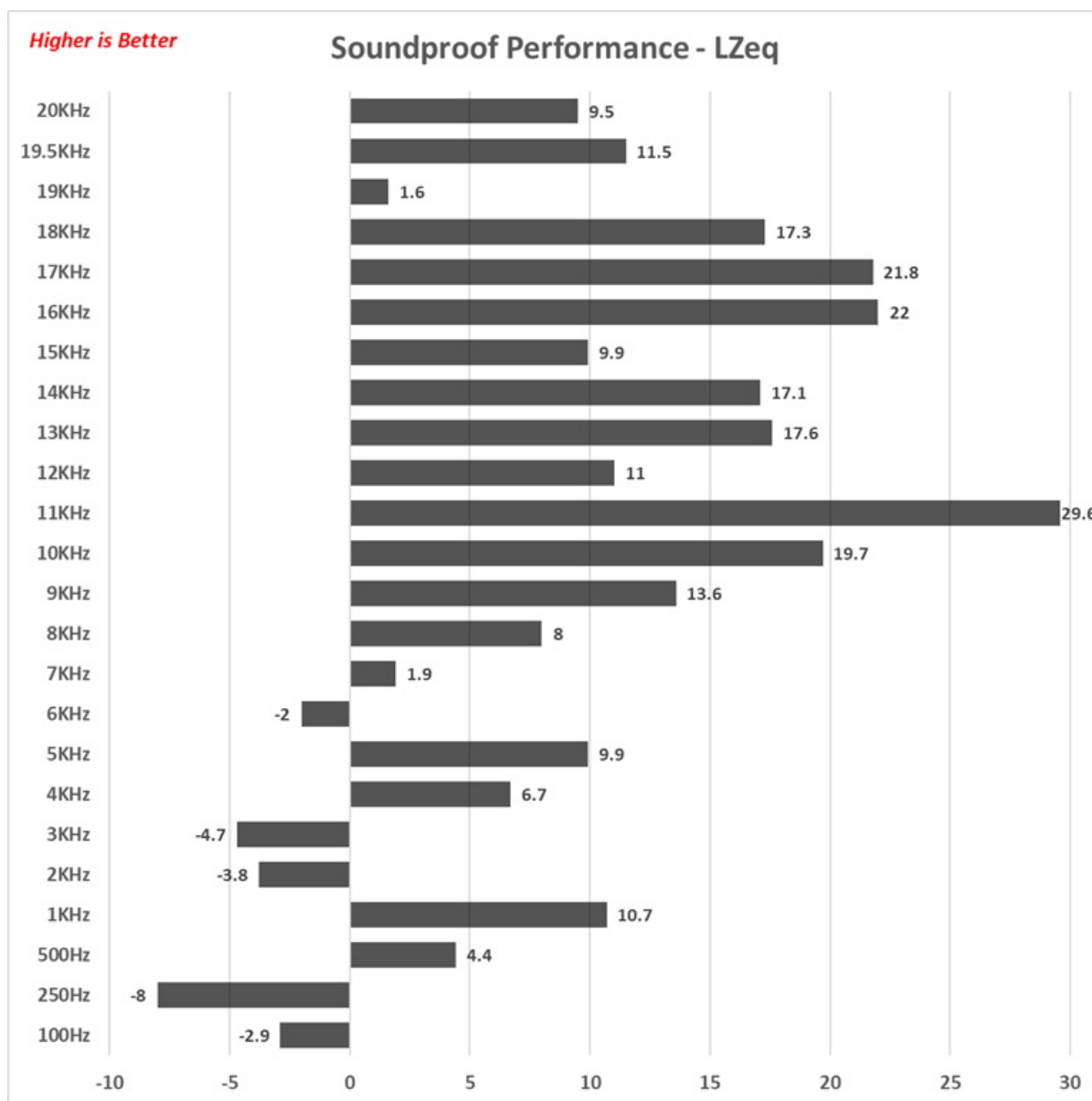
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### Soundproof Performance LZeQ - Test Tones



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

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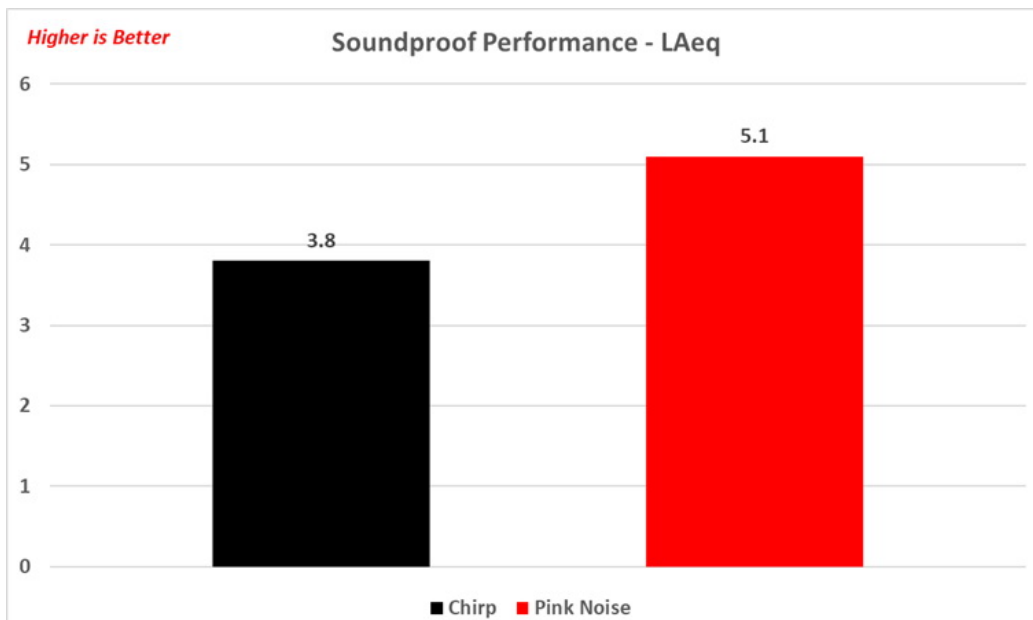
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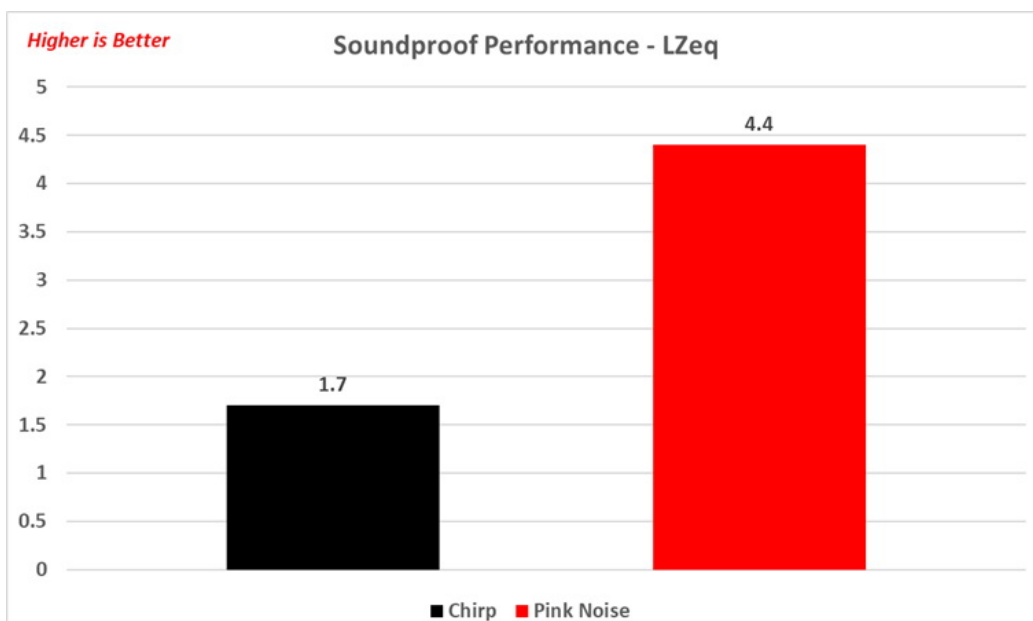
### Soundproof Performance LAeq - Pink & Chirp



#### 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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## Evaluation Report

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Case Photo #1



Case Photo #2

## CERTIFICATIONS



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