

Evaluation Report

Montech King 95 Pro



TEST EQUIPMENT

Test Environment	Hemi-Anechoic Chamber with 6 dB(A) noise floor
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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PAGE 1/9

Evaluation Report

Montech King 95 Pro

TECHNICAL SPECIFICATIONS TABLE

Brand	Montech
Product Name	KING 95 PRO
Type	Mid Tower / Dual Chamber
Dimensions (LxWxH)	475 x 300 x 442mm
Motherboard Support	ATX, Micro-ATX, Mini-ITX
Removable Motherboard Tray	No
Front Door/Cover	No
Materials	SPCC/Tempered glass
Materials Side Panel	Left: Tempered Glass Right: Steel, ABS
Expansion Slots	7x
Drive Bays	3.5 " : 5x Internal, 2.5" : 8x Internal
I/O Panel	2x USB 3.0, 1x USB 3.1 Gen 2 Type-C, 1x Headphone, 1x Microphone, 1x LED Button, 1xPower Button
Pre-installed Fan(s)	Side: 2x 140mm (RX Reversed ARGB PWM Fans) Bottom: 3x 120mm (RX Reversed ARGB PWM Fans) Rear: 1x 120mm (AX ARGB PWM Fan)
Fan Support	Top: 3x 120mm / 2x 140mm Side: 2x 120/140mm Rear: 1x 120mm Bottom: 3x 120mm, 2x 120mm
Fan Bearing Type	Hydro Dynamic Bearing (HDB) (140mm Fans) / Rifle Bearing (120mm Fans)
Fan Power Connector	4-Pin (PWM)
Fan/LED Controller	10x 4-pin & 10x ARGB Gen 2
Radiator Support	Top: 120 / 140 / 180 / 240 / 280 / 360mm Rear: 120mm Side: 120 / 140 / 240 / 280mm
CPU Cooler Height (Max)	175mm
VGA Length (Max)	420mm
PSU Length (Max)	190mm
Dust Filters	Top, Bottom, Side
PSU Support	Bottom mount / Top mount, ATX
Weight	11.85 kg
Warranty	1

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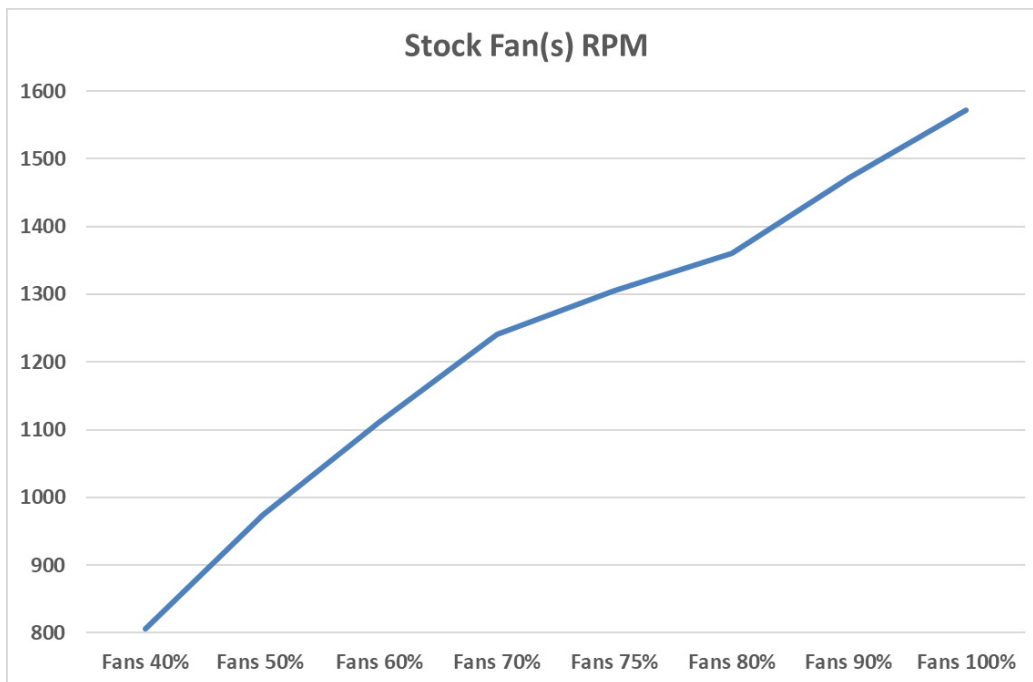
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PAGE 2/9

Evaluation Report

Montech King 95 Pro

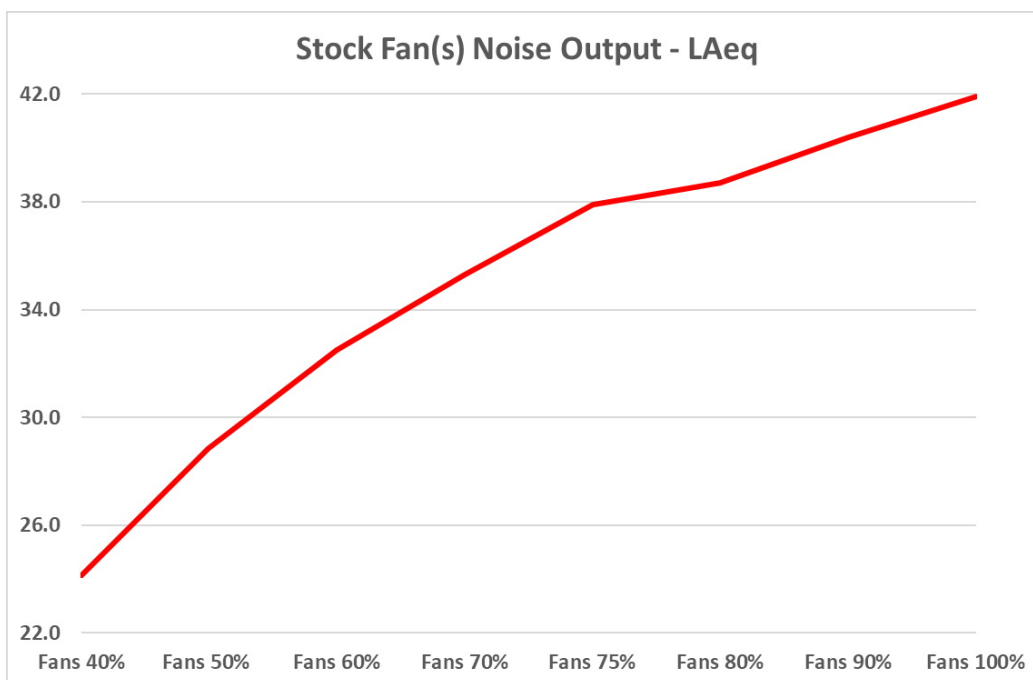
Stock Fan(s) RPM



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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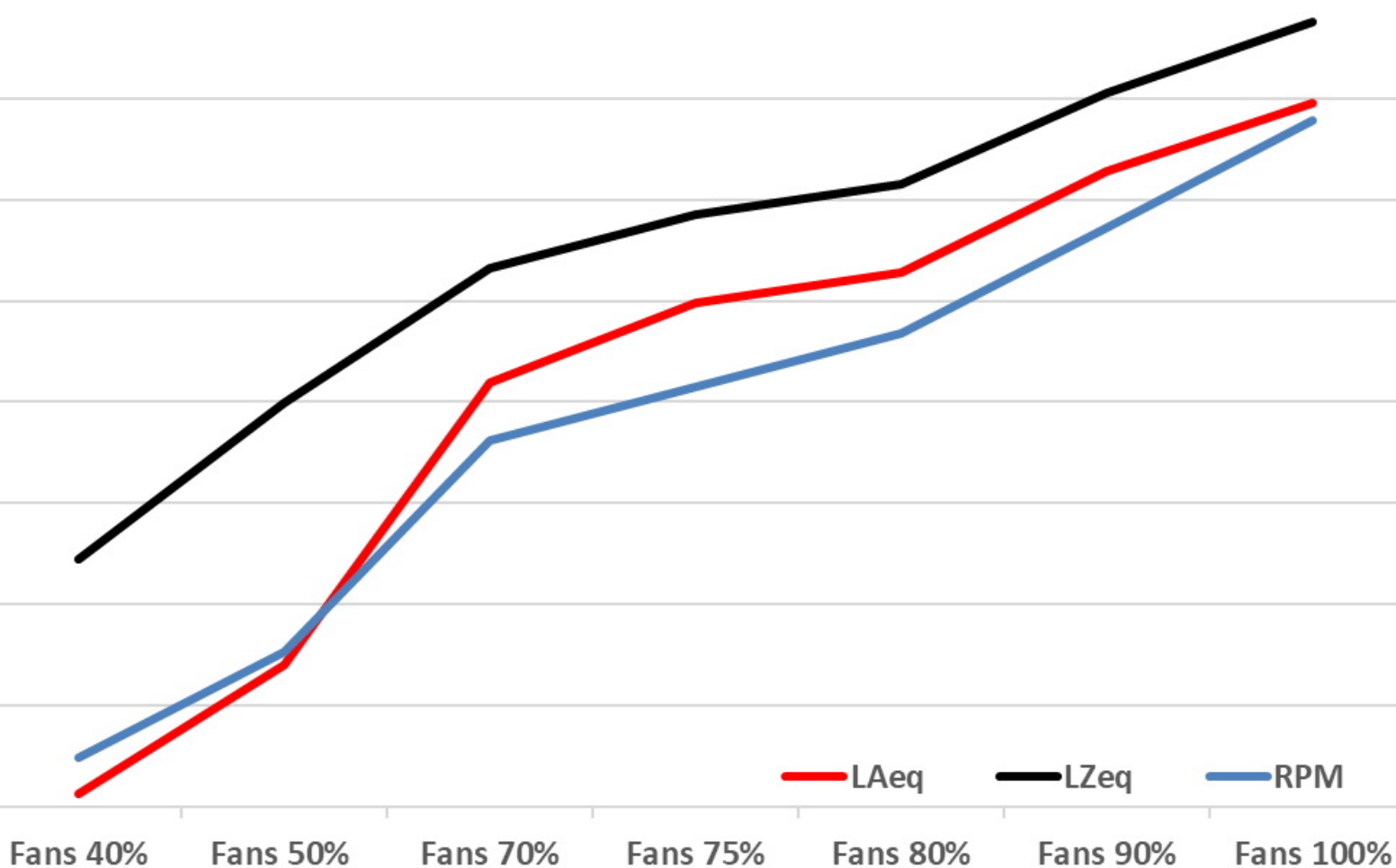
PAGE 3/9

Evaluation Report

Montech King 95 Pro

GPU Fan(s) Noise Output - LAeq

GPU Noise Output



Galax GeForce RTX 4060 EX Noise Output from 40% to 100% Fan Speed

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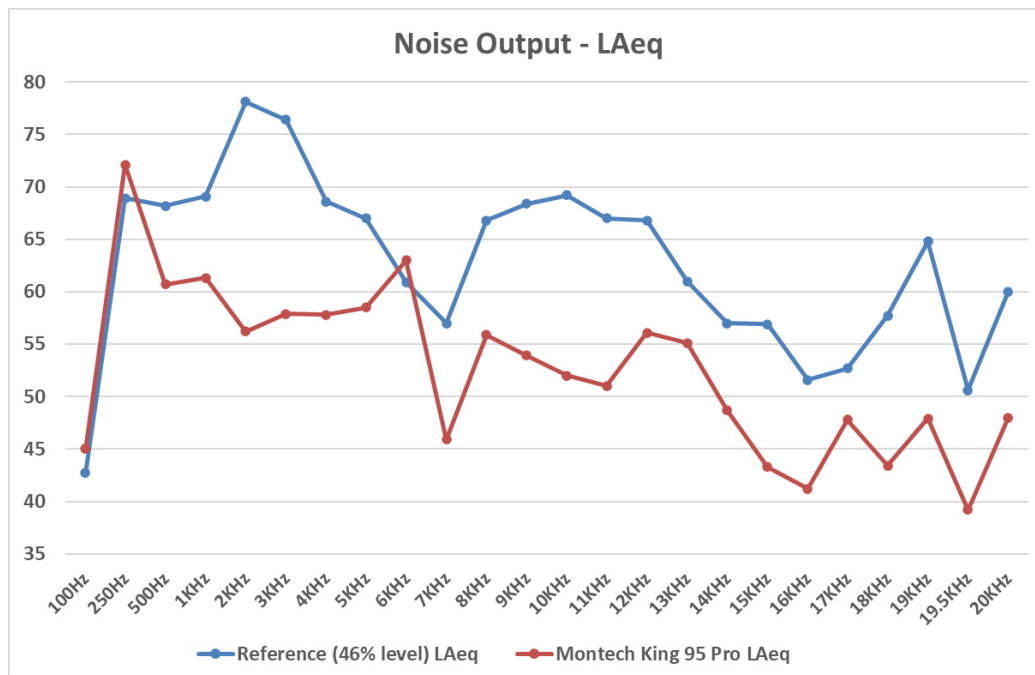
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PAGE 4/9

Evaluation Report

Montech King 95 Pro

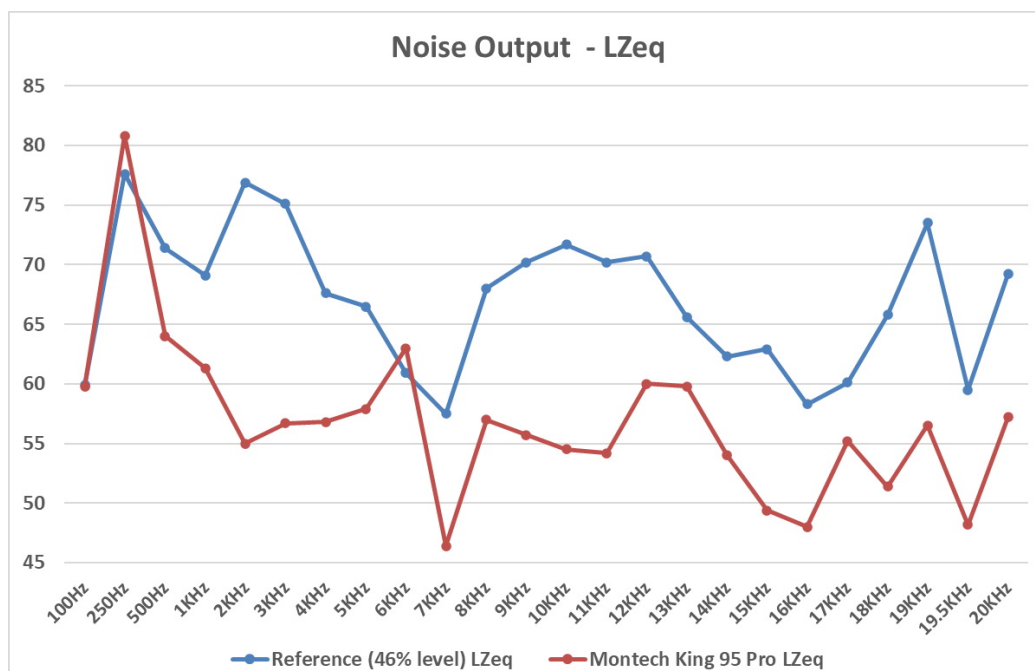
Noise Output LAeq - Test Tones



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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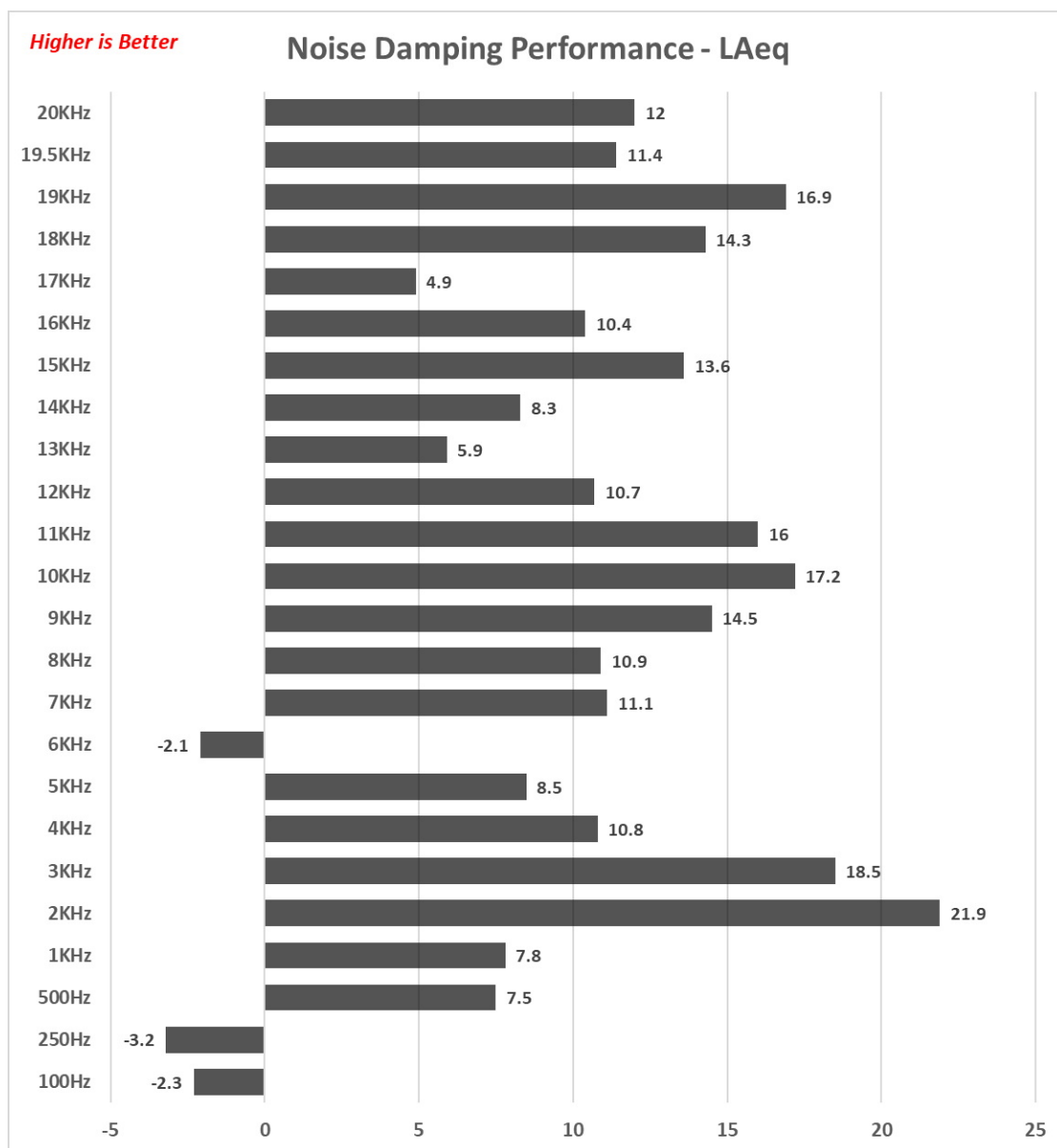
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PAGE 5/9

Evaluation Report

Montech King 95 Pro

Soundproof Performance LAeq - Test Tones



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

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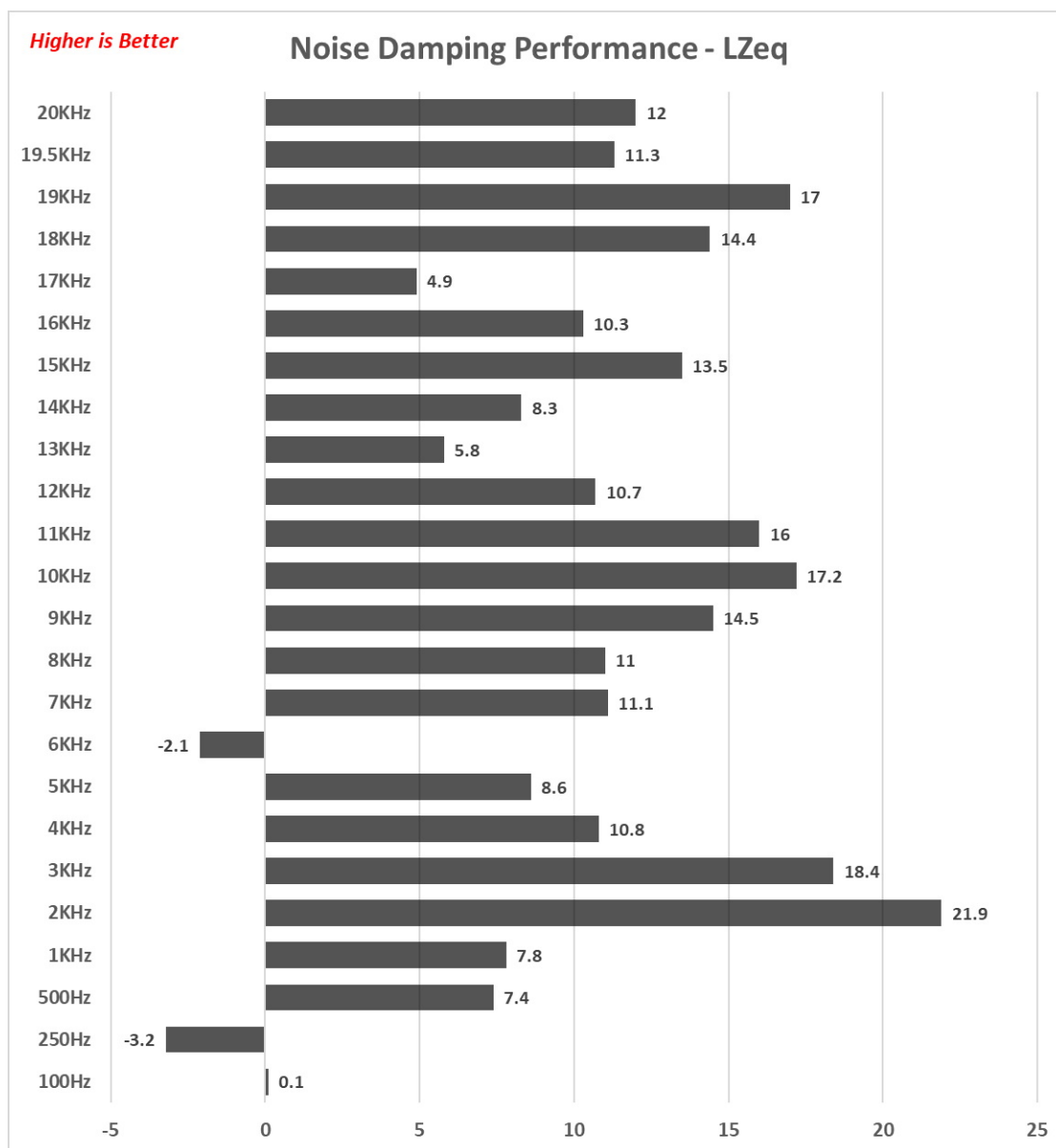
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PAGE 6/9

Evaluation Report

Montech King 95 Pro

Soundproof Performance LZeq - Test Tones



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

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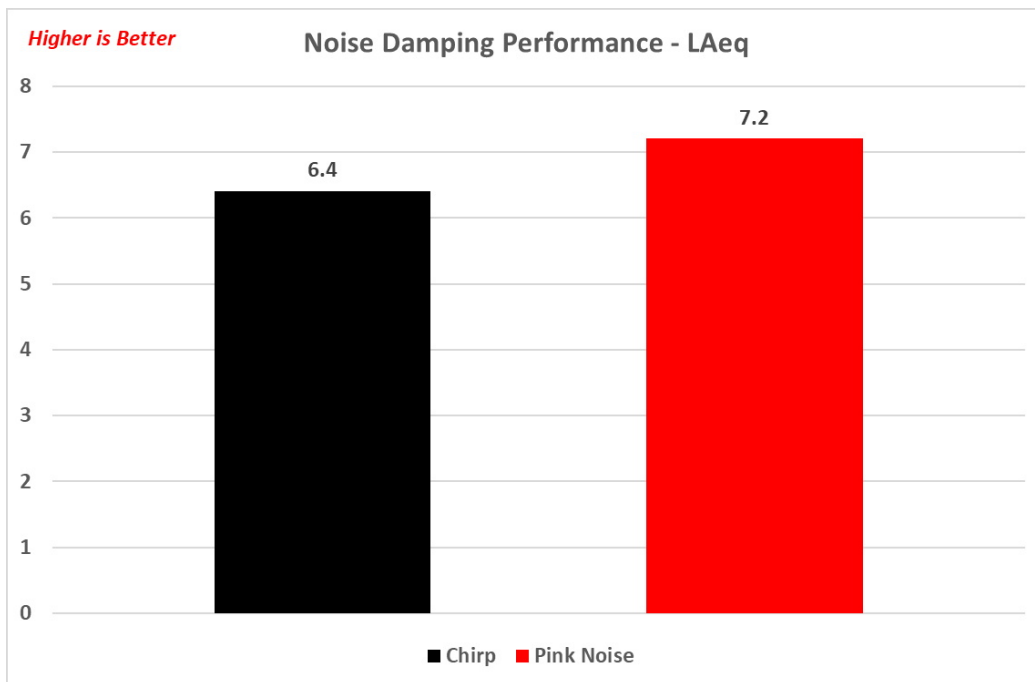
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PAGE 7/9

Evaluation Report

Montech King 95 Pro

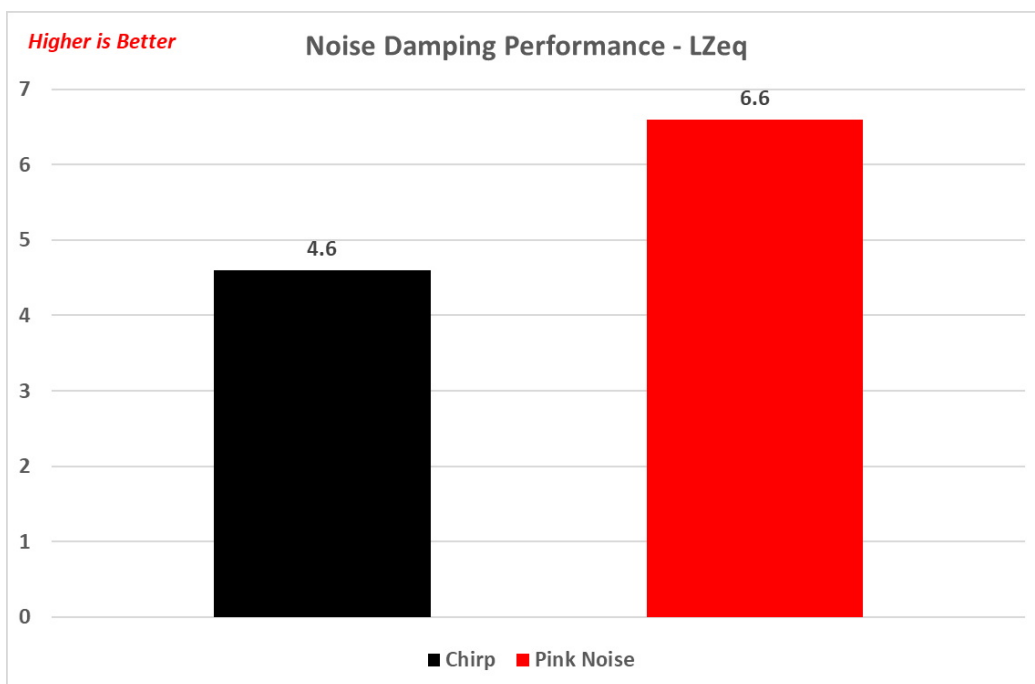
Soundproof Performance LAeq - Pink & Chirp



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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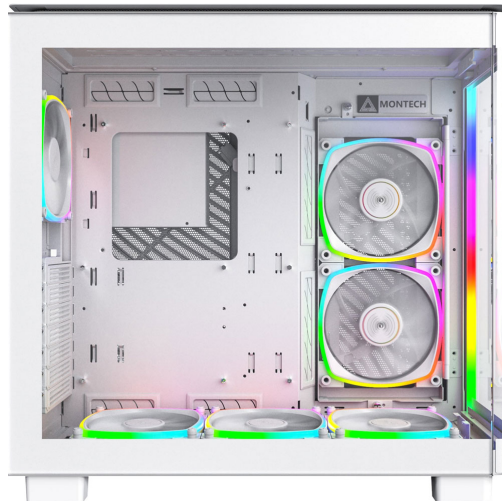
PAGE 8/9

Evaluation Report

Montech King 95 Pro



Case Photo #1



Case Photo #2

CERTIFICATIONS



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PAGE 9/9