

**Evaluation Report**

Cooler Master Silencio S600 (Glass)



**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	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	Cooler Master
Product Name	MCS-S600-KN5N-S00 (Steel), MCS-S600-KG5N-S00 (TG)
Type	Midi Tower
Dimensions (LxWxH)	478 x 209 x 470.5mm
Motherboard Support	Mini-ITX, Micro-ATX, ATX
Removable Motherboard Tray	No
Front Door/Cover	Yes
Materials Body	Steel, Plastic, Tempered Glass, Sound Dampening Material
Materials Side Panel	Left: Steel (MCS-S600-KN5N-S00), Tempered Glass (MCS-S600-KG5N-S00) Right: Sound-Dampened Steel
Expansion Slots	7x
Drive Bays	5.25": 1x External 3.5 " : 4x Internal 2.5" : 5x Internal
I/O Panel	2x USB 3.2 Gen 1, 1x 3.5mm Headset Jack (Audio+Mic), 1x SD card reader
Pre-installed Fan(s)	Front: 1x 120mm ( 800-1400 RPM) Rear: 1x 120mm (800-1400 RPM)
Fan Support	Front: 2x 120mm / 2x 140mm Top: 2x 120mm / 2x 140mm Rear: 1x 120mm
Fan Bearing Type	Loop Dynamic Bearing (LDB)
Fan Power Connector	4-Pin (PWM)
Fan/LED Controller	No
Radiator Support	Front: 120/140/240/280mm Top: 120/240mm (wth ODD removed) Rear: 120mm
CPU Cooler Height (Max)	TG: 166mm, Steel: 167mm
VGA Length (Max)	398mm
PSU Length (Max)	160mm
Behind MB Tray Clearance	18-26mm
Dust Filters	Top, Front, Bottom
PSU Support	Bottom mount, ATX
Warranty	2

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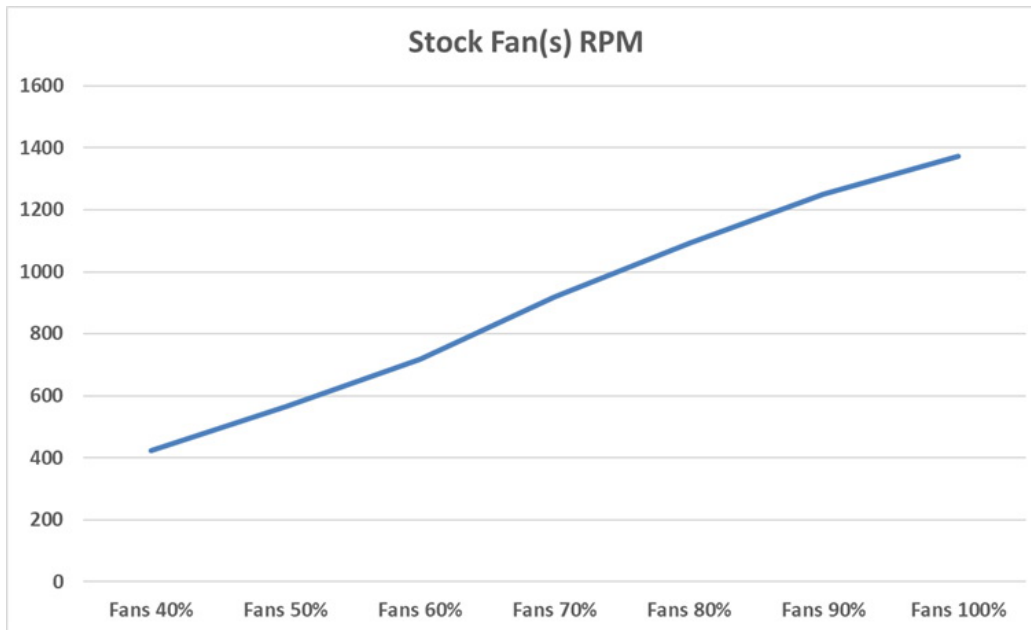
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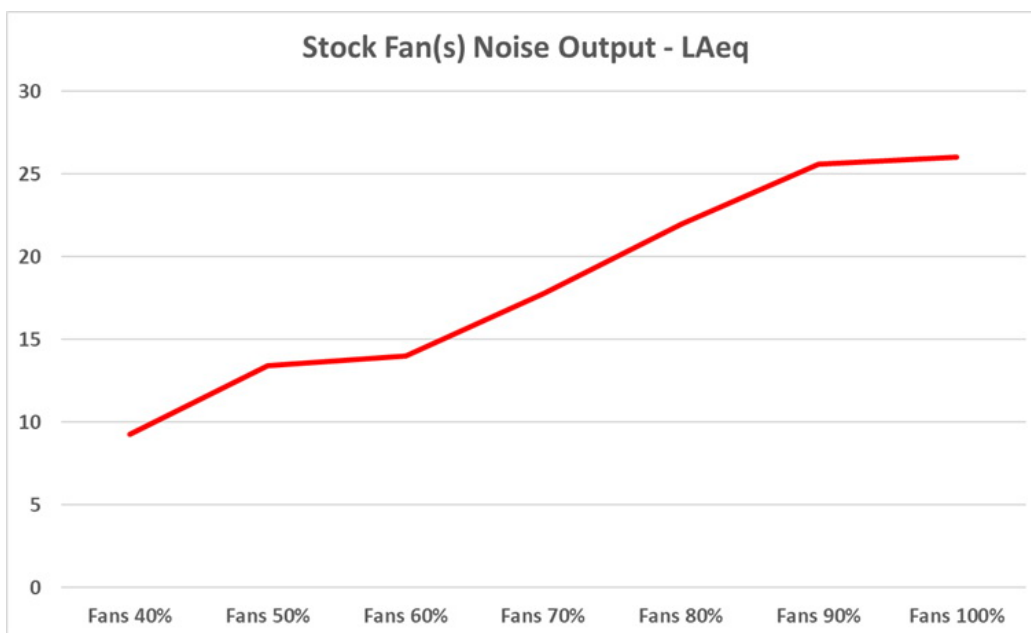
### Stock Fan(s) RPM



#### INFO

Stock Fan Speed from 40% to 100%

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



#### INFO

Stock Fan Noise Output from 40% to 100%

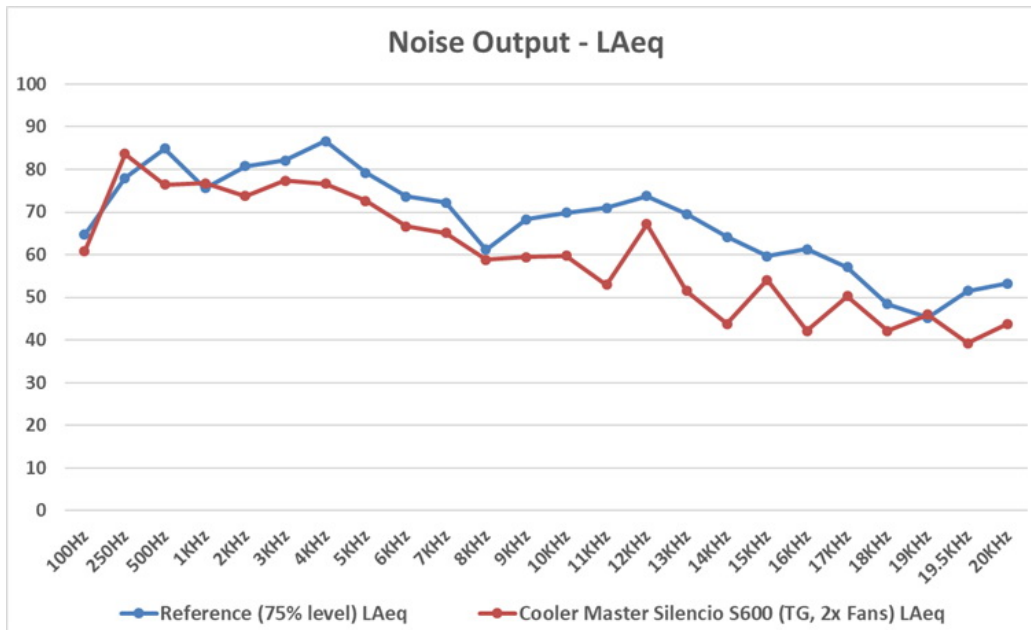
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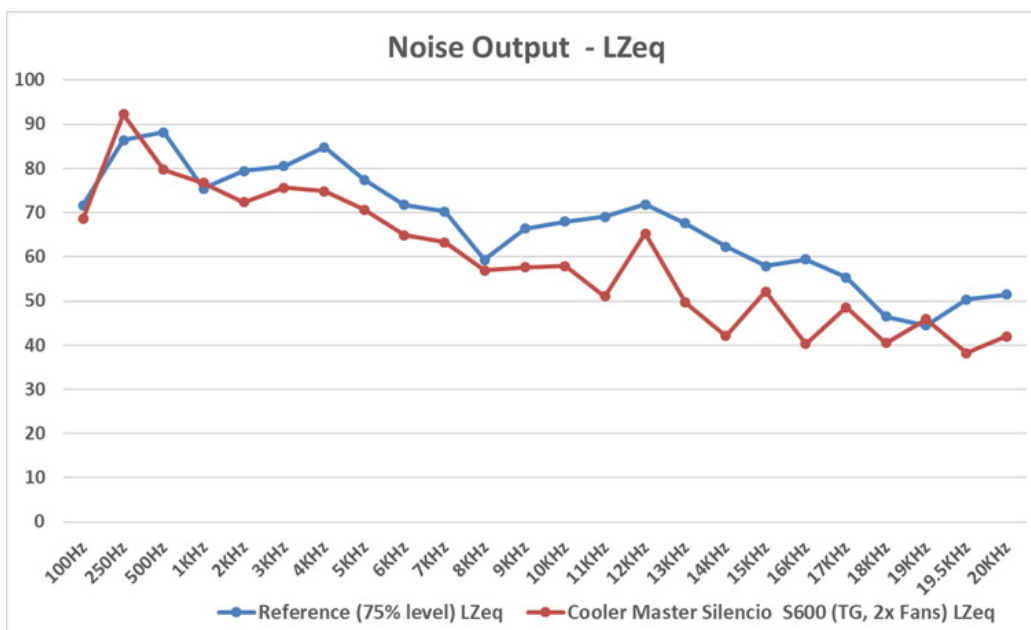
### Noise Output LAeq - Test Tones



#### 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

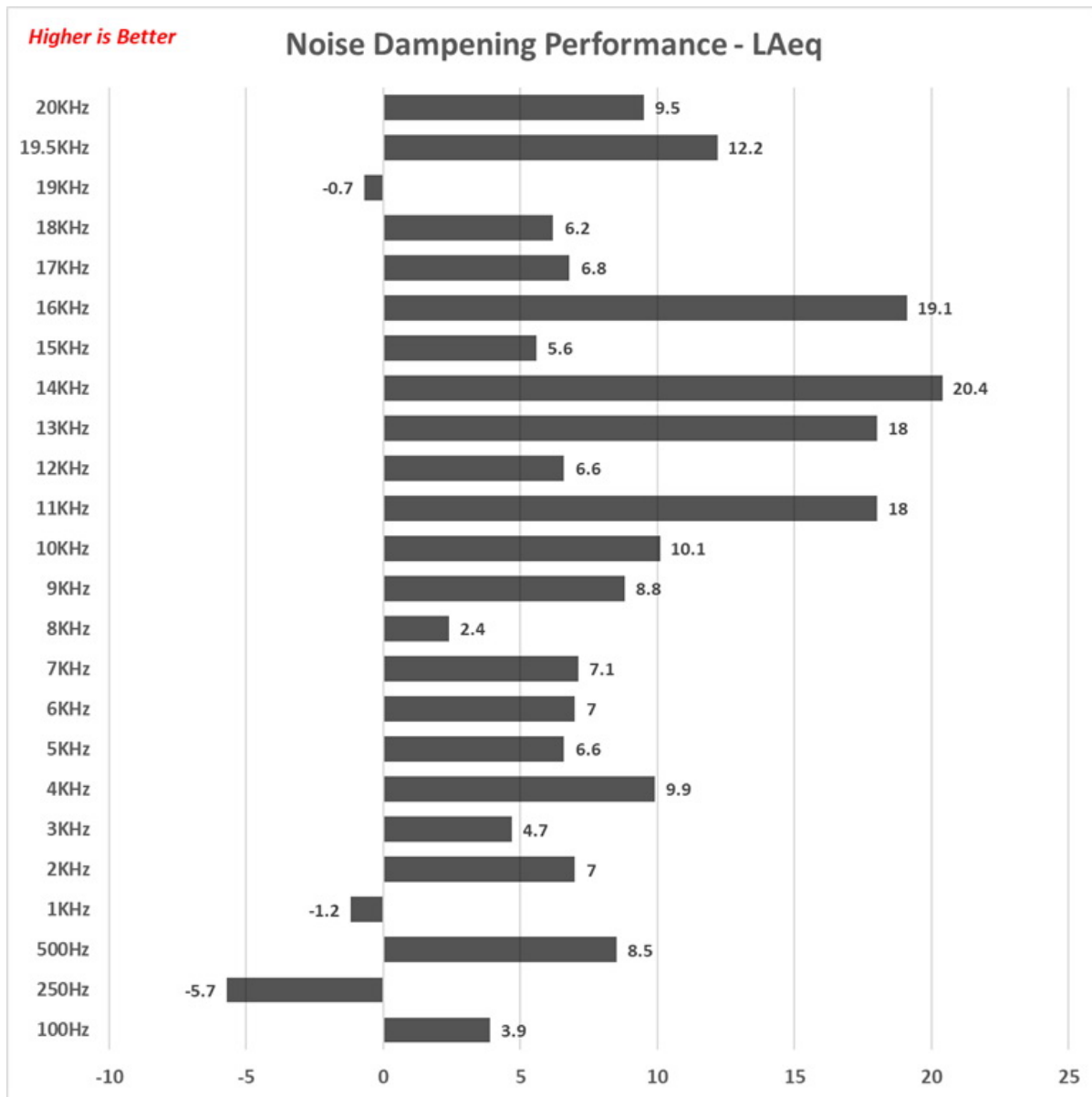
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**Noise Dampening Performance LAeq - Test Tones**



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

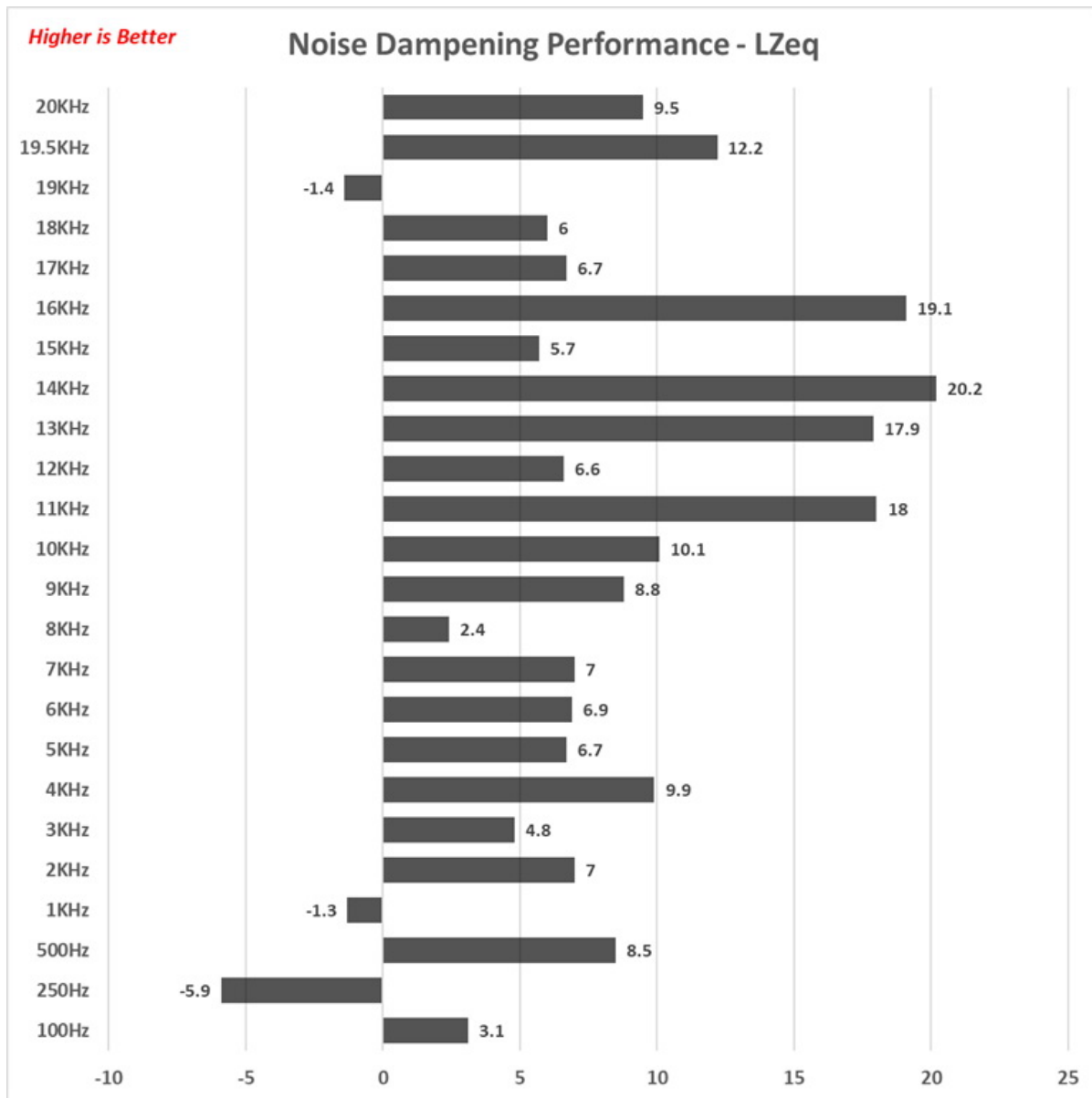
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**Noise Dampening Performance LZeq - Test Tones**



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

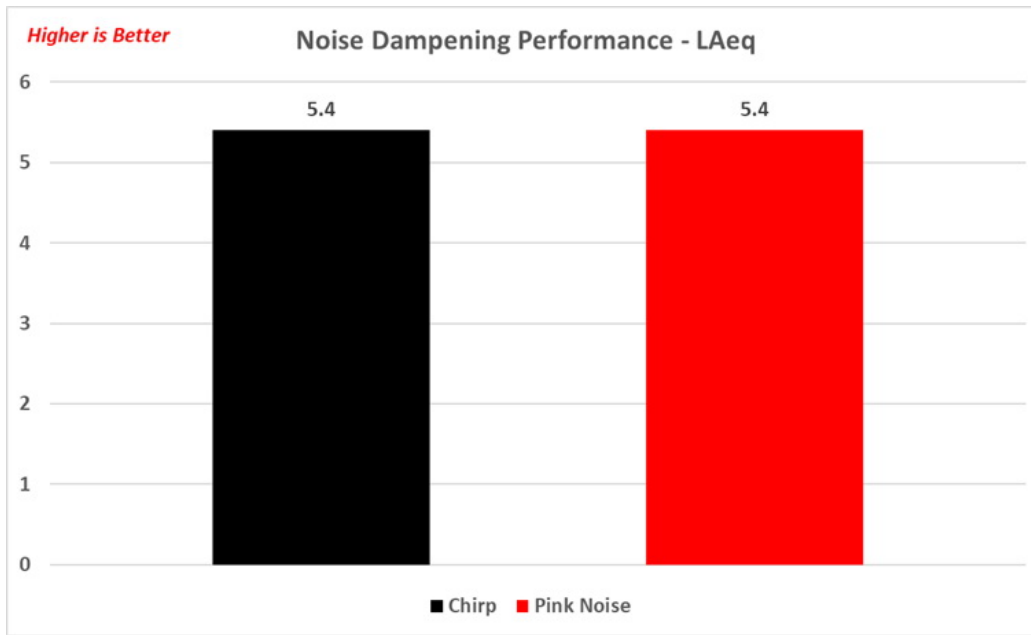
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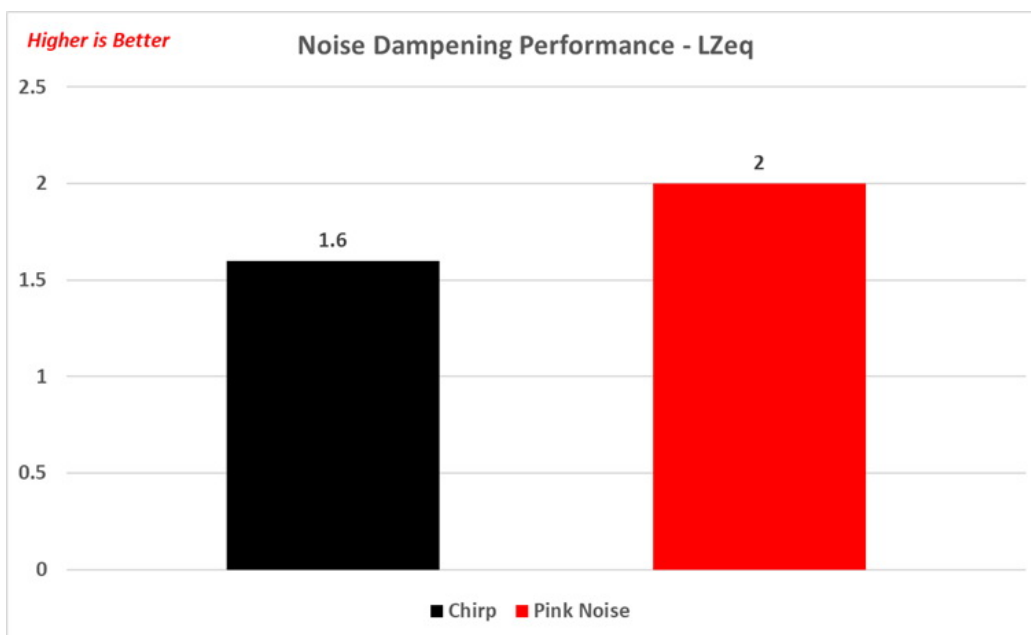
### Noise Dampening Performance LAeq - Pink & Chirp



#### INFO

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

### Noise Dampening Performance LZeq - Pink & Chirp



#### INFO

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

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Case Photo #2



QR Code

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