be quiet! Dark Base Pro 901

Lab ID BQCAS00129

Report Date: Jan 16, 2024

Scheme: DELTA

Noise Rating 

DELTA is a Cybenetics rating. It is not part of our ISO/IEC 17065 certification schemes and is outside our accreditation.

Level assigned with the Chassis Test Protocol Revision 2.0 limits

This chassis was tested before October 2026 with the earlier test procedure. Its result, 9.6 dB, is the measured pink-noise difference of that evaluation and is unchanged. In October 2026 its level was assigned again with the limits of Chassis Test Protocol Revision 2.0: A+ from 8 dB, A from 5 dB, Standard from 2 dB. The earlier procedure is not identical to the Revision 2.0 procedure, so this result is indicative when compared with chassis tested under Revision 2.0.



Aristeidis Bitziopoulos, Certification Body General Manager

General Information

Test Equipment

Test Environment	Hemi-Anechoic Chamber with 6 dB(A) noise floor
Conditions	25(±2) degrees Celsius, 40-50% humidity

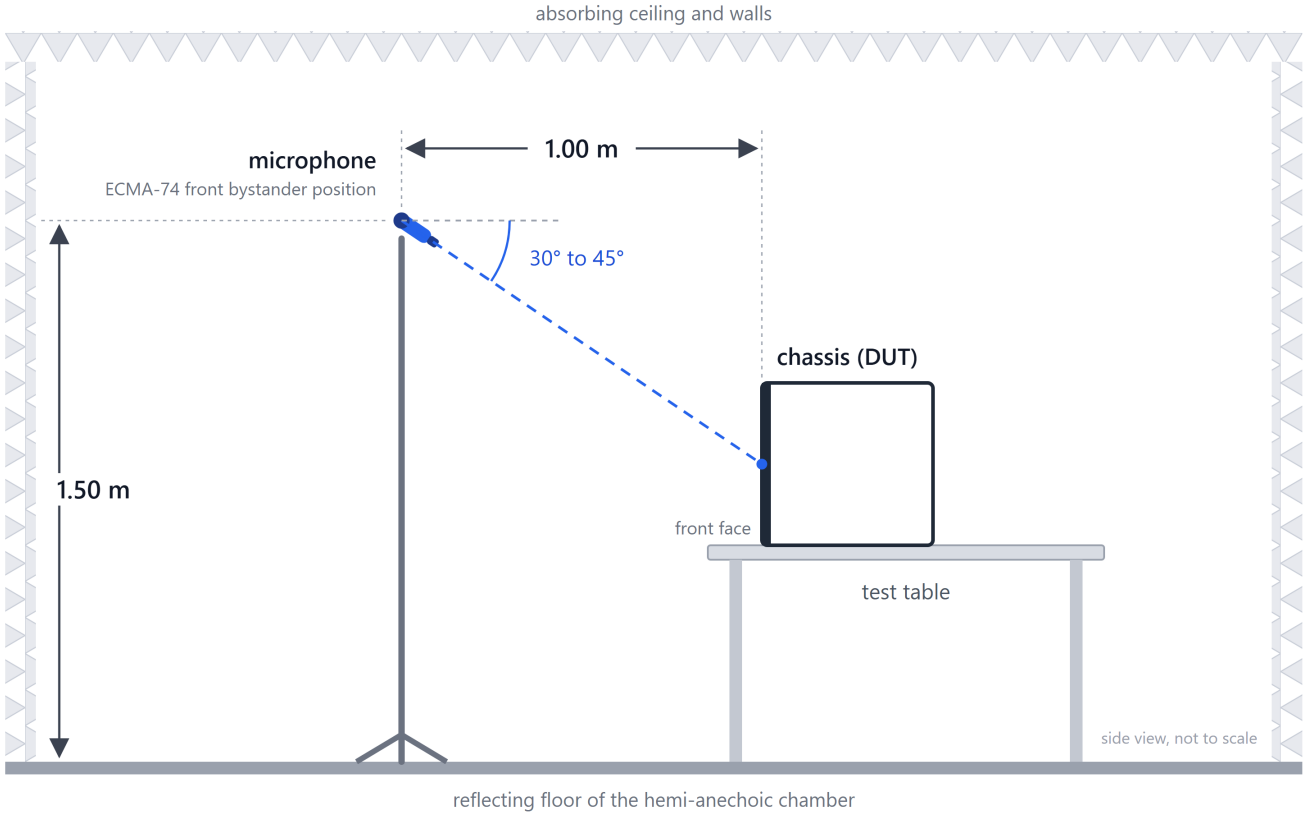
Sound Analyzer	Bruel & Kjaer 2270-S G4 & 2250-L G4
Microphone	Bruel & Kjaer Type 4955-A
Mic Calibrator	Bruel & Kjaer Type 4231
Data Logger	Picoscope TC-08

Technical Specifications Table

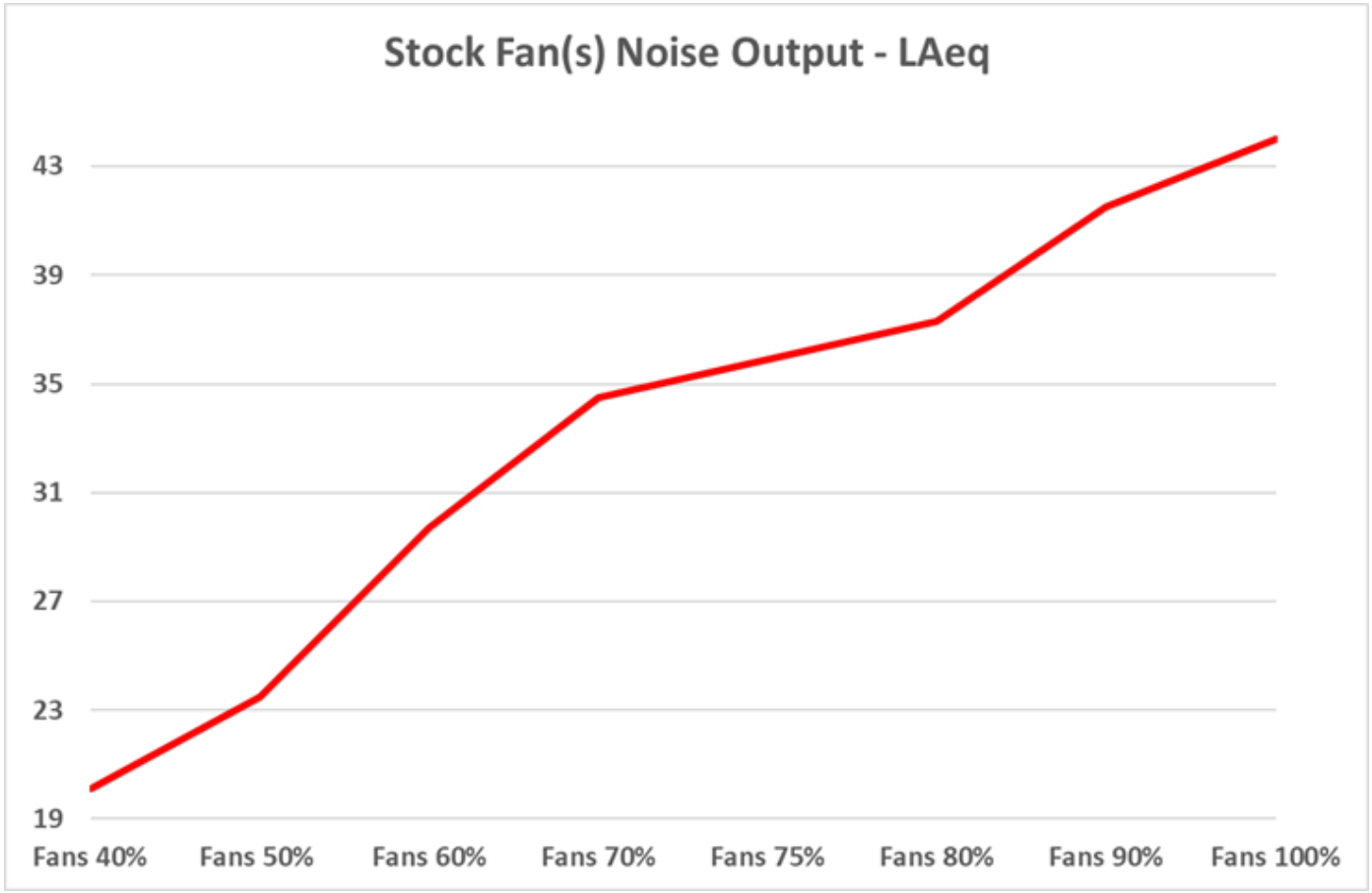
Brand	be quiet!
Product Name	Dark Base Pro 901
Type	Full Tower
Dimensions (LxWxH)	603 x 254 x 569mm
Motherboard Support	E-ATX / XL-ATX / ATX / M-ATX / Mini-ATX
Removable Motherboard Tray	Yes
Front Cover	Yes
Materials Body	Steel (SGCC), Aluminum, ABS Plastic, Tempered Glass
Materials Side Panel	Left: Tempered Glass Right: Sound-Dampened Steel
Expansion Slots	8x
Drive Bays	5.25": 1x 3.5 " : 2x Internal (7x max) 2.5" : 6x Internal (16x max)
I/O Panel	1x USB 3.2 Gen. 2 Type C, 1x USB 3.2 Type A, 1x Audio Jack, 1x Mic Jack, 1x Power Button, 1x Fan Speed, 1x RGB Light, 1x Qi charger (15W)
Pre-installed Fan(s)	Front: 2x Silent Wings 4 140mm PWM Rear: 1x Silent Wings 4 140mm PWM
Fan Support	Front: 3x 140mm / 3x 120mm Top: 3x 140mm / 3x 120mm, Side: 3x 120mm Bottom: 1x 140mm / 1x 120mm, Rear: 1x 140mm / 1x 120mm
Fan Bearing Type	Fluid Dynamic Bearing
Fan Power Connector	4-Pin
PWM Controller	Yes
Radiator Support	Front: 120 / 140 / 240 / 280 / 360 / 420mm Top: 120 / 240 / 360mm Side: 120 / 240 / 360mm Rear: 120 / 140mm

CPU Cooler Height (Max)	190mm
VGA Length (Max)	495mm
PSU Length (Max)	288mm
Behind MB Tray Clearance/Cable Management Support	26mm
Dust Filters	Top, Front, Bottom, Side
PSU Support	Bottom Mount, ATX
Weight	16.3kg (net) / 20.8kg (gross)
Warranty	3-years

Noise Measurements Test Set Up



Stock Fan(s) Noise Output – LAeq

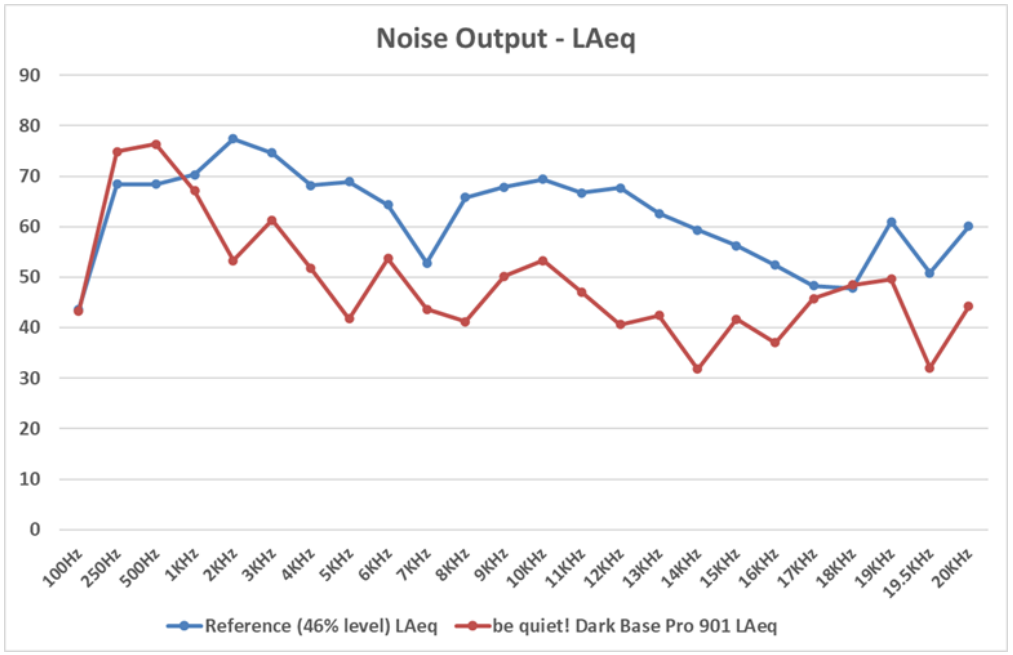


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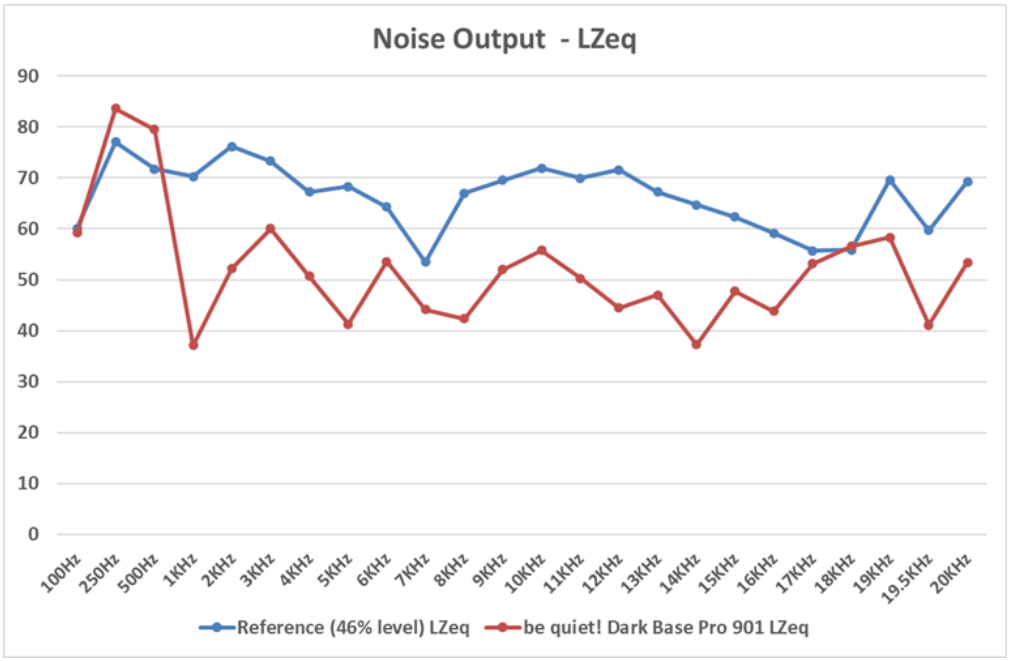
Stock Fan Noise Output from 40% to 100%

Noise Output

LAeq

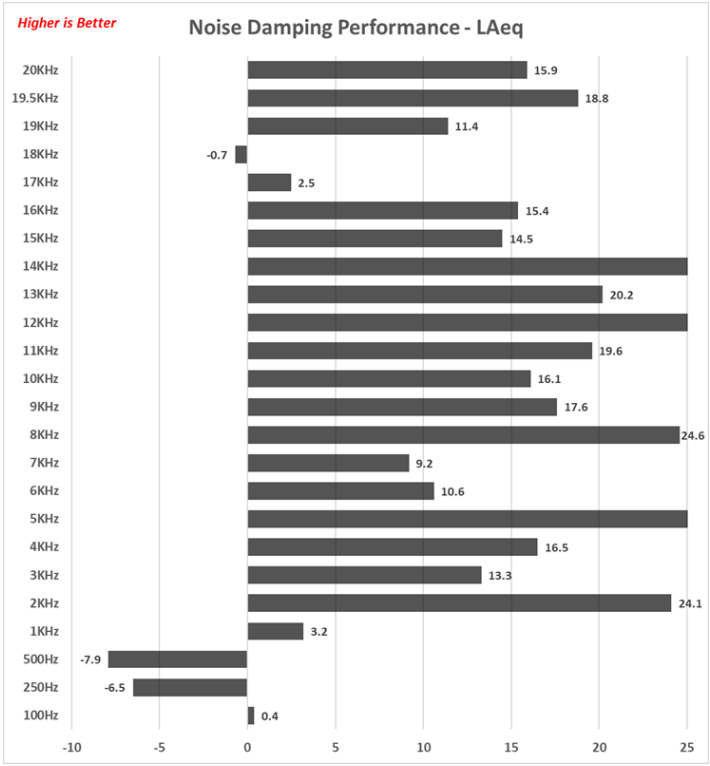


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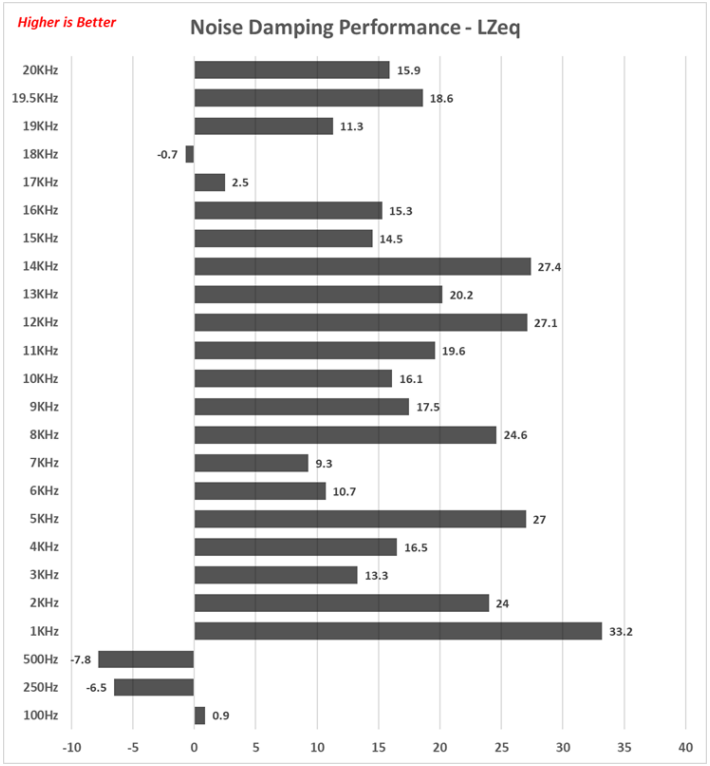


Noise Dampening Performance – Test Tones

LAeq

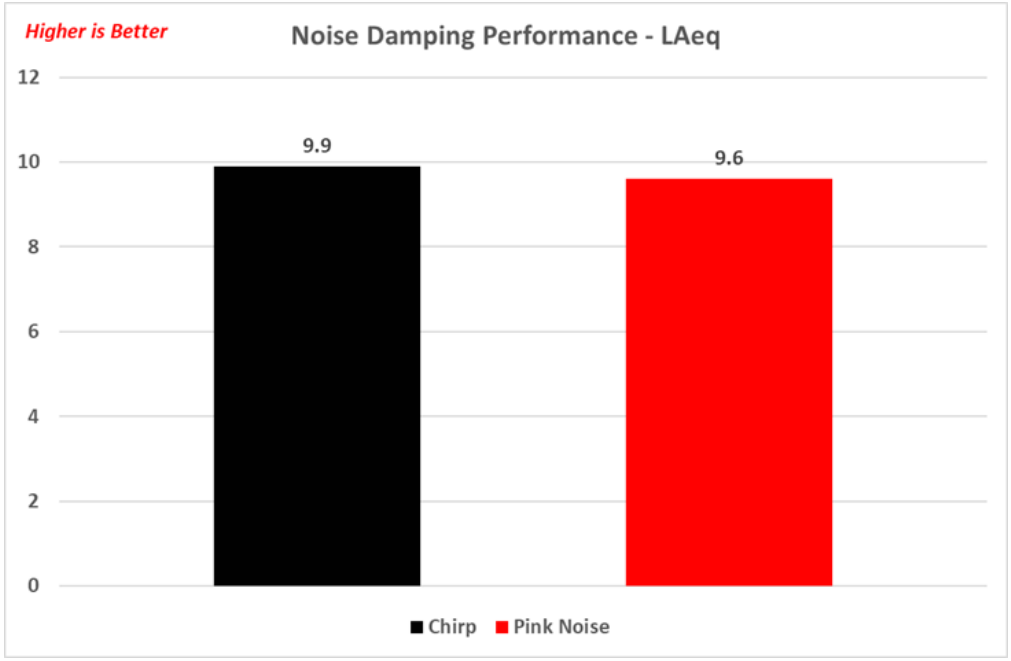


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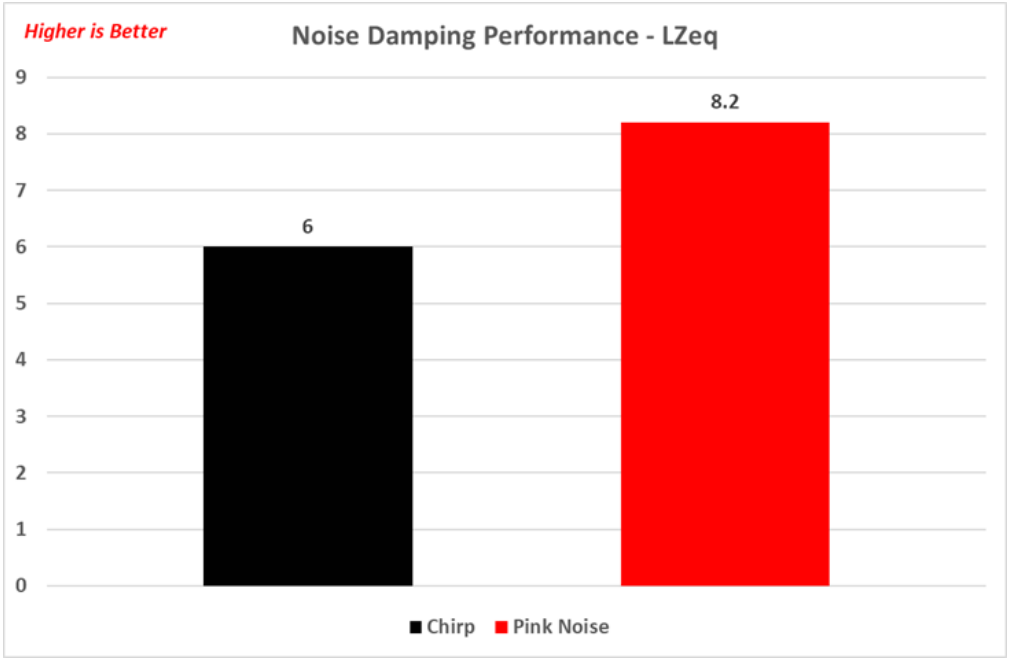


Noise Dampening Performance – Pink & Chirp

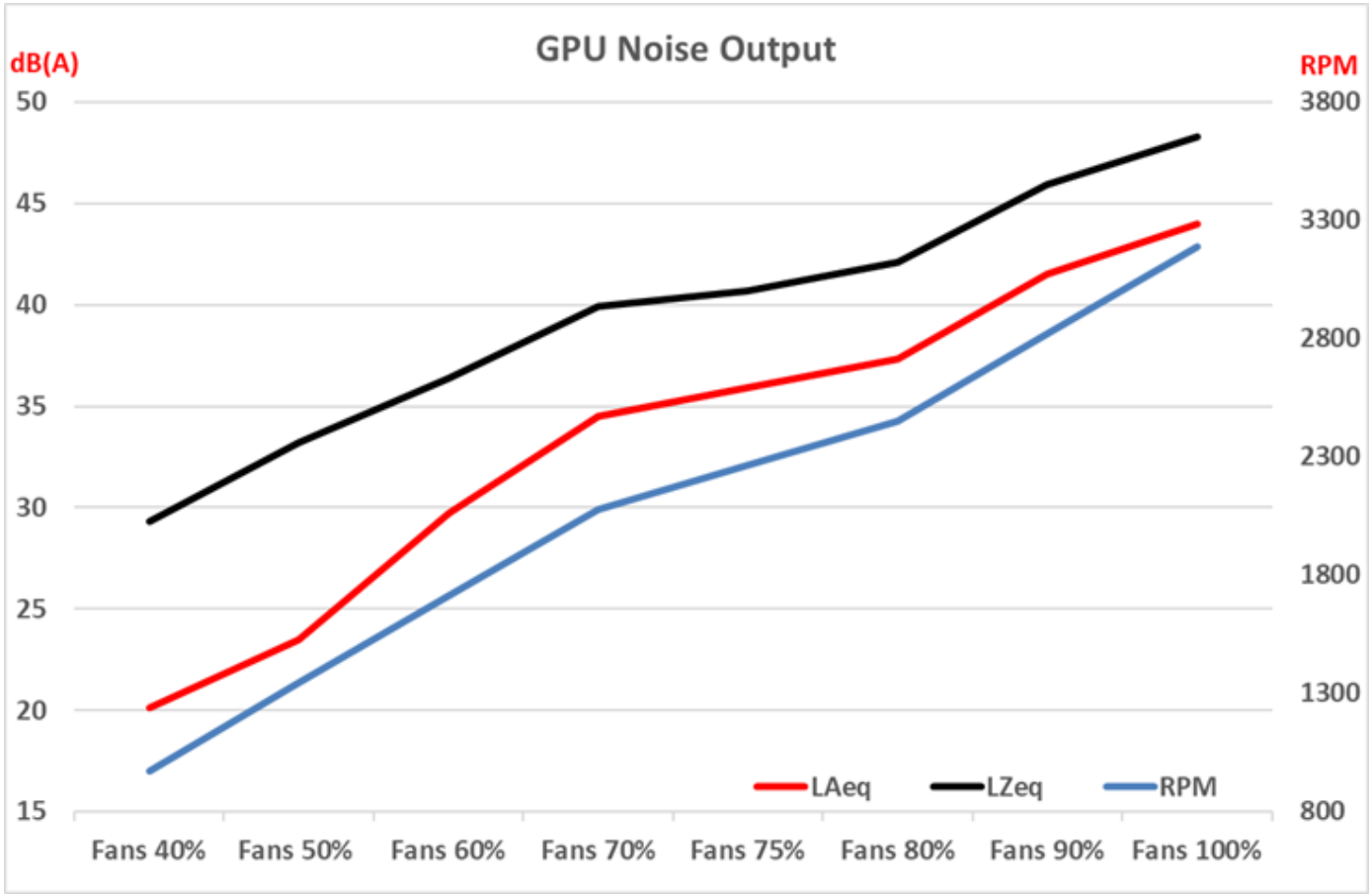
LAeq



LZeq



GPU Fan(s) Noise Output – Laeq



INFO

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

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Case Photo



Case Photo #2

All data and graphs included in this test report can be used by any individual on the following conditions:
› It should be mentioned that the test results are provided by Cybenetics
› The link to the original test results document should be provided in any case

Cybenetics runs voluntary certification programs for power supplies - ETA for efficiency, LAMBDA for noise and SAFE for safety and correct operation - and for cooling products, with DELTA for chassis soundproofing and PHI for fan airflow and static pressure. THETA rates cooler performance on AMD AM5 and Intel LGA1851 outside ISO 17065 and accreditation scope

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