

Evaluation Report

SilverStone SETA H1



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:

- › 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

PAGE 1/9

Evaluation Report

SilverStone SETA H1

TECHNICAL SPECIFICATIONS TABLE

Brand	SilverStone
Product Name	SETA H1
Type	Midi Tower
Dimensions (LxWxH)	480 x 232 x 494 mm
Motherboard Support	SSI-EEB, SSI-CEB, E-ATX, ATX, Micro-ATX, Mini-ITX
Removable Motherboard Tray	No
Front Cover	Yes
Materials Body	Steel, Plastic, Tempered Glass
Materials Side Panel	Left: Tempered Glass Right: Steel
Expansion Slots	7+2x
Drive Bays	5.25": - 3.5 " : 2x Internal 2.5" : 2x Internal
I/O Panel	1x Type-C, 2x USB 3.0, 1x Combo Audio/Mic Jack, 1x Power Button
Pre-installed Fan(s)	Front: 2x 160mm Rear: 1x 140mm
Fan Support	Front: 3x 120mm / 3x 140mm / 2x 160mm Top: 3x 120mm / 2x 140mm Rear: 1x 120mm / 1x 140mm
Fan Bearing Type	Fluid Dynamic
Fan Power Connector	3-Pin
LED Controller	No
Radiator Support	Front: 120mm / 140mm / 240mm / 280mm / 360mm Top: 120mm / 140mm / 240mm / 280mm / 360mm Rear: 120mm / 140mm
CPU Cooler Height (Max)	182mm
VGA Length (Max)	394mm
PSU Length (Max)	250mm
Behind MB Tray Clearance/Cable Management Support	15mm
Dust Filters	Top, Front, Bottom
PSU Support	Bottom Mount, ATX
Weight	9.67 kg
Warranty	no info

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

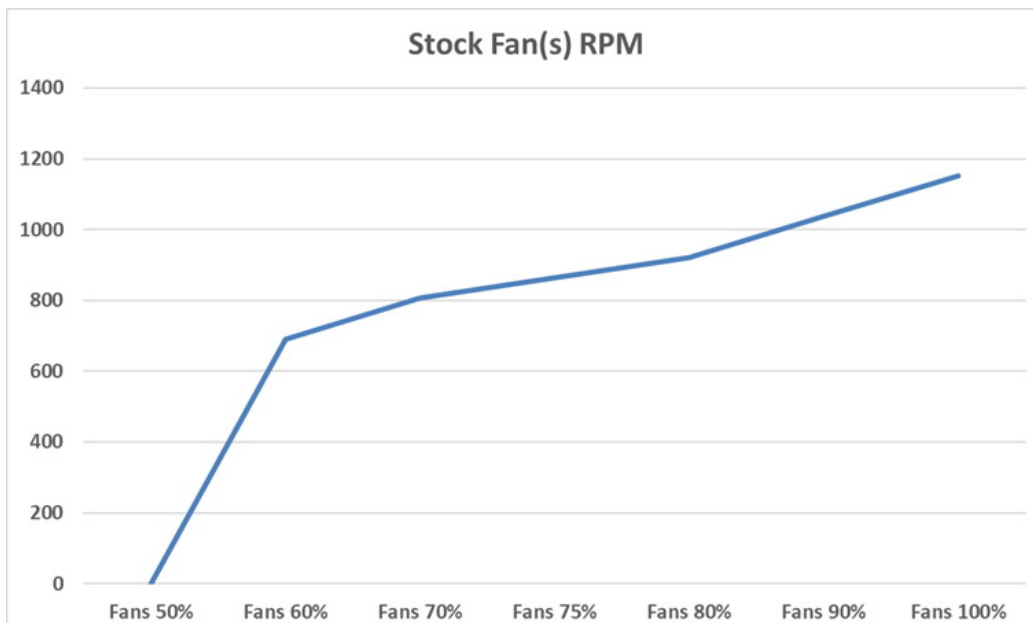
- > It should be mentioned that the test results are provided by Cybenetics
- > The link to the original test results document should be provided in any case

PAGE 2/9

Evaluation Report

SilverStone SETA H1

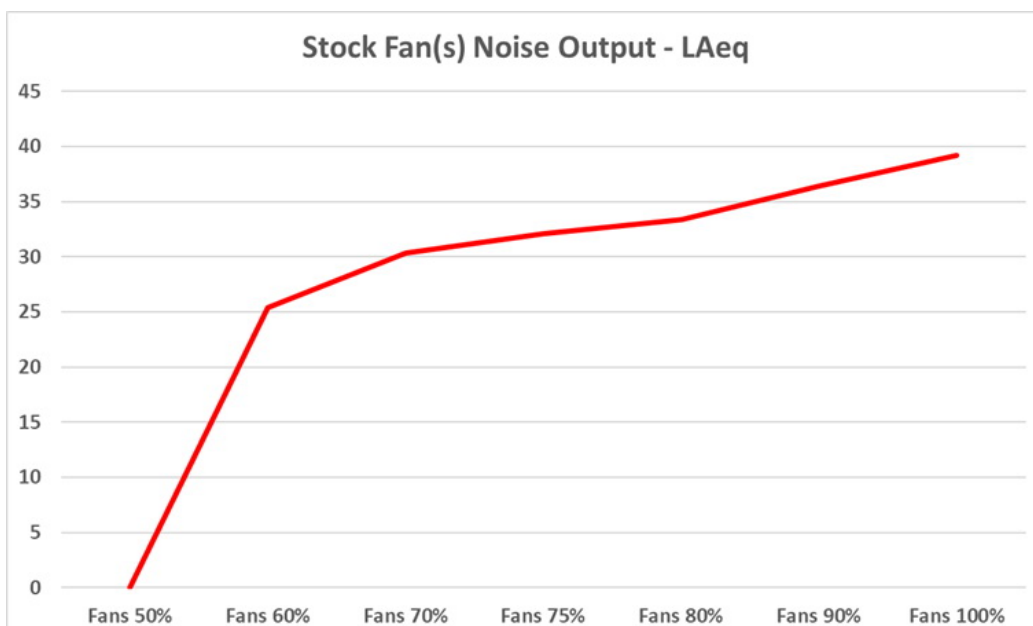
Stock Fan(s) RPM



INFO

Stock Fan Speed from 40% to 100%

Stock Fan(s) Noise Output - LAeq



INFO

Stock Fan Noise Output from 40% to 100%

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

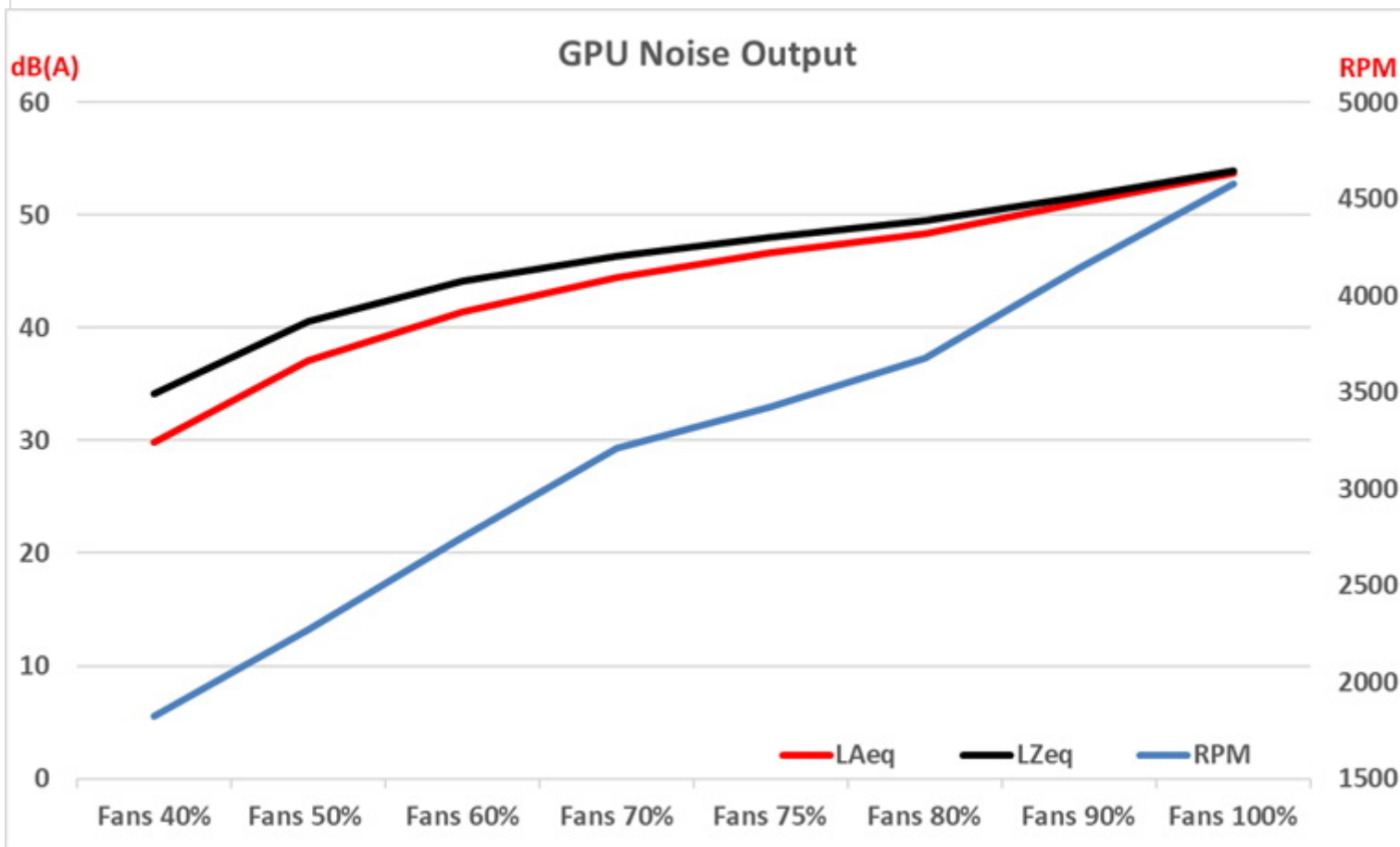
- › It should be mentioned that the test results are provided by Cybenetics
- › The link to the original test results document should be provided in any case

PAGE 3/9

Evaluation Report

SilverStone SETA H1

GPU Fan(s) Noise Output - LAeq



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

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

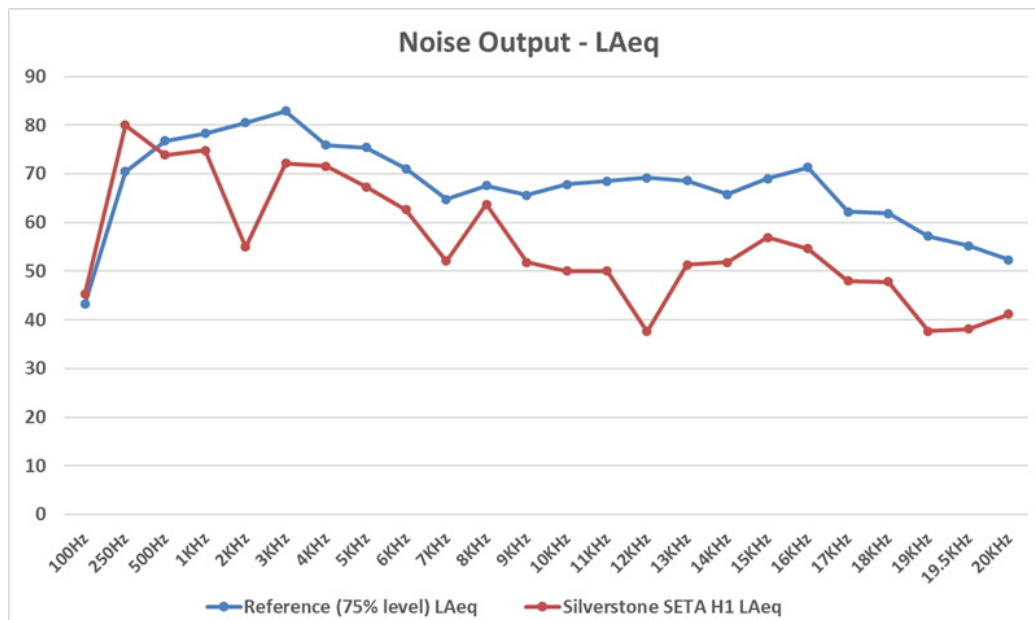
- > It should be mentioned that the test results are provided by Cybenetics
- > The link to the original test results document should be provided in any case

PAGE 4/9

Evaluation Report

SilverStone SETA H1

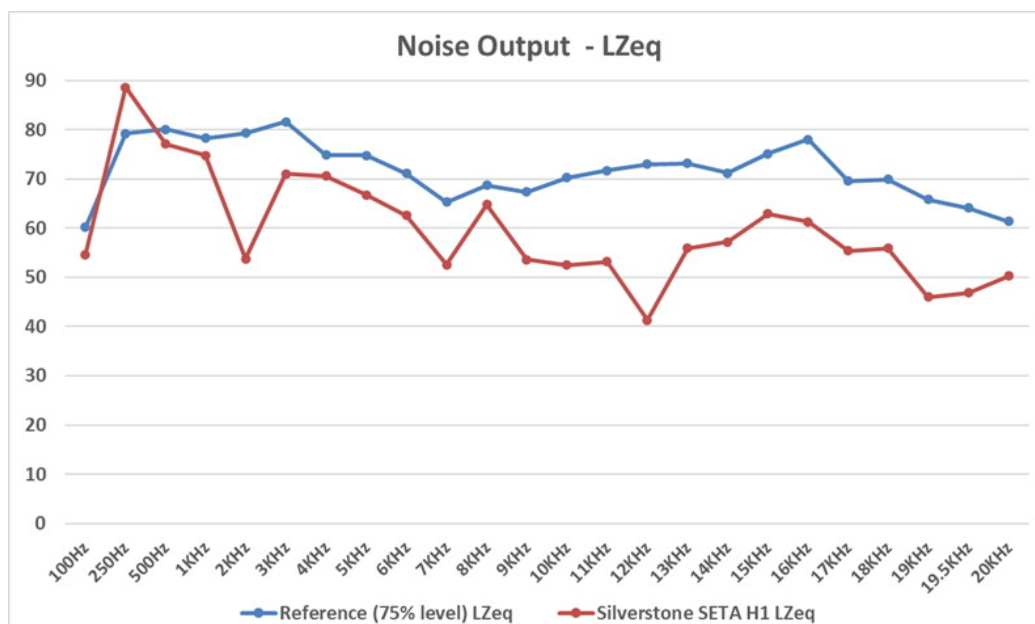
Noise Output LAeq - Test Tones



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

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

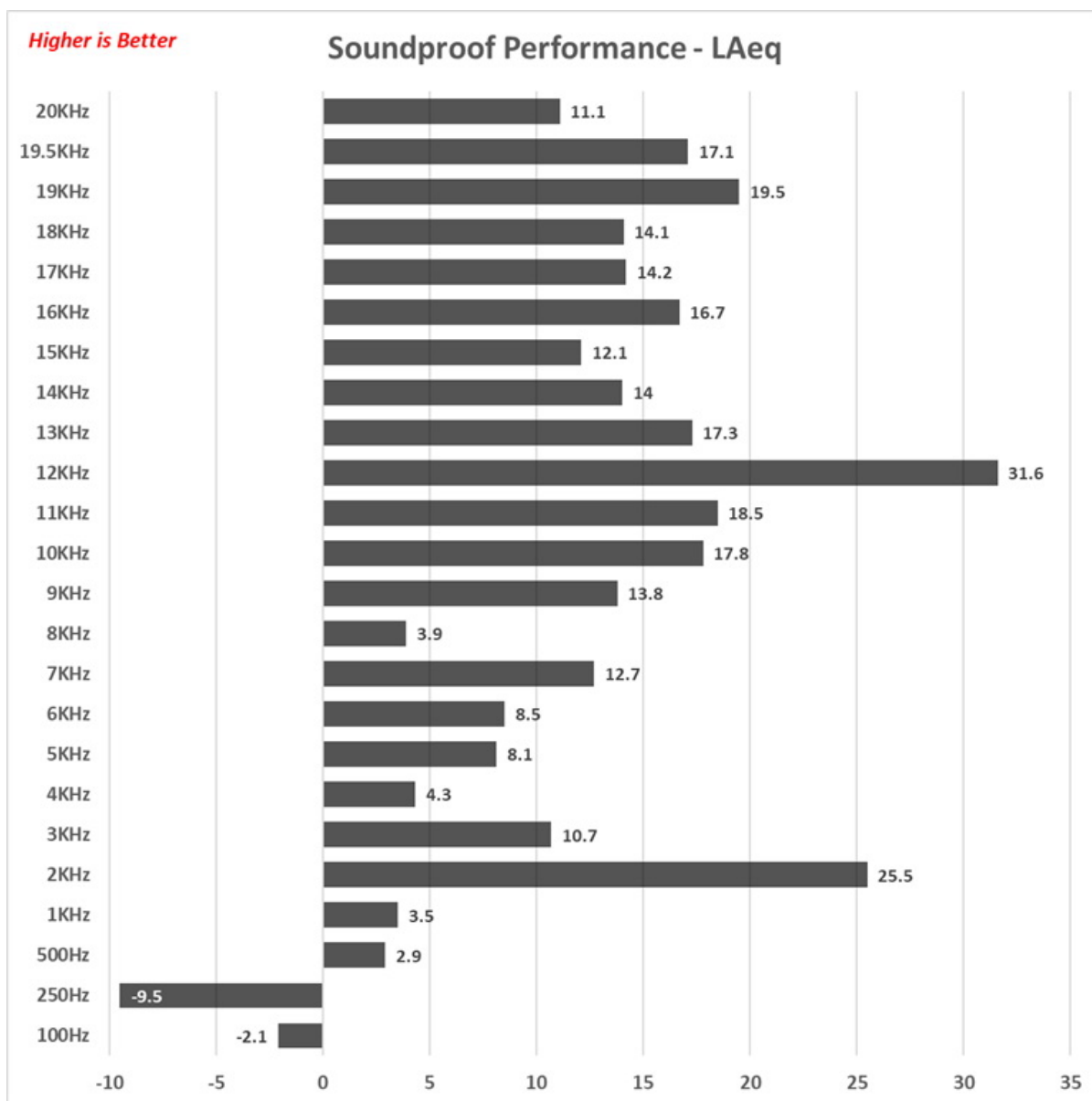
- > It should be mentioned that the test results are provided by Cybenetics
- > The link to the original test results document should be provided in any case

PAGE 5/9

Evaluation Report

SilverStone SETA H1

Soundproof Performance LAeq - Test Tones



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

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

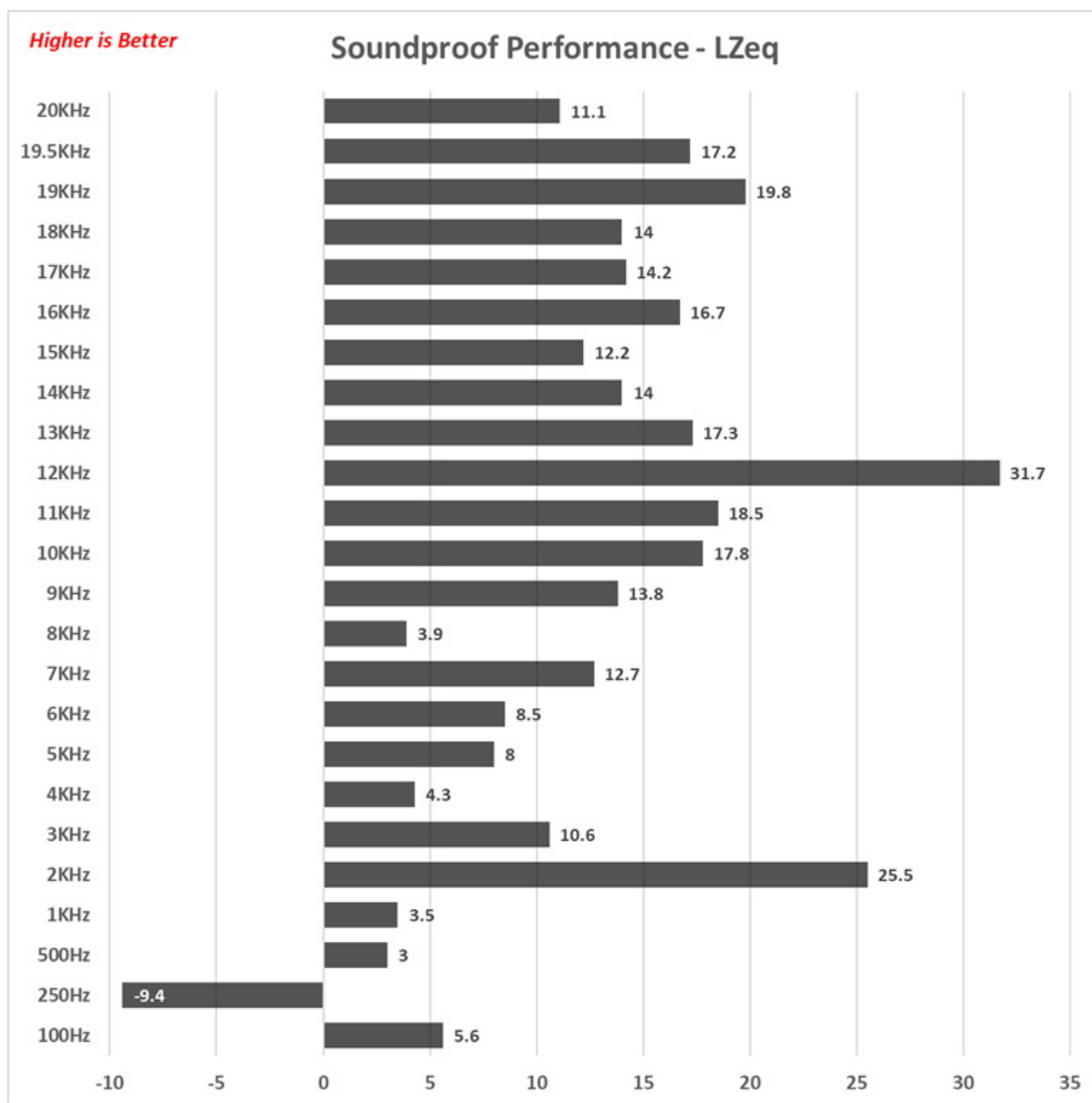
- > It should be mentioned that the test results are provided by Cybenetics
- > The link to the original test results document should be provided in any case

PAGE 6/9

Evaluation Report

SilverStone SETA H1

Soundproof Performance LZeQ - Test Tones



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

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

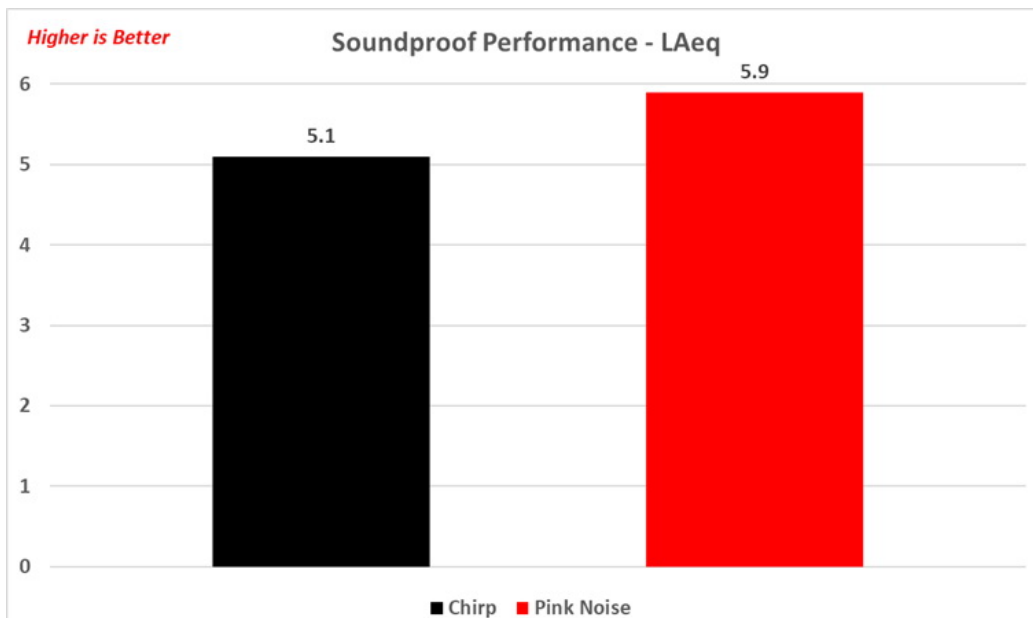
- > It should be mentioned that the test results are provided by Cybenetics
- > The link to the original test results document should be provided in any case

PAGE 7/9

Evaluation Report

SilverStone SETA H1

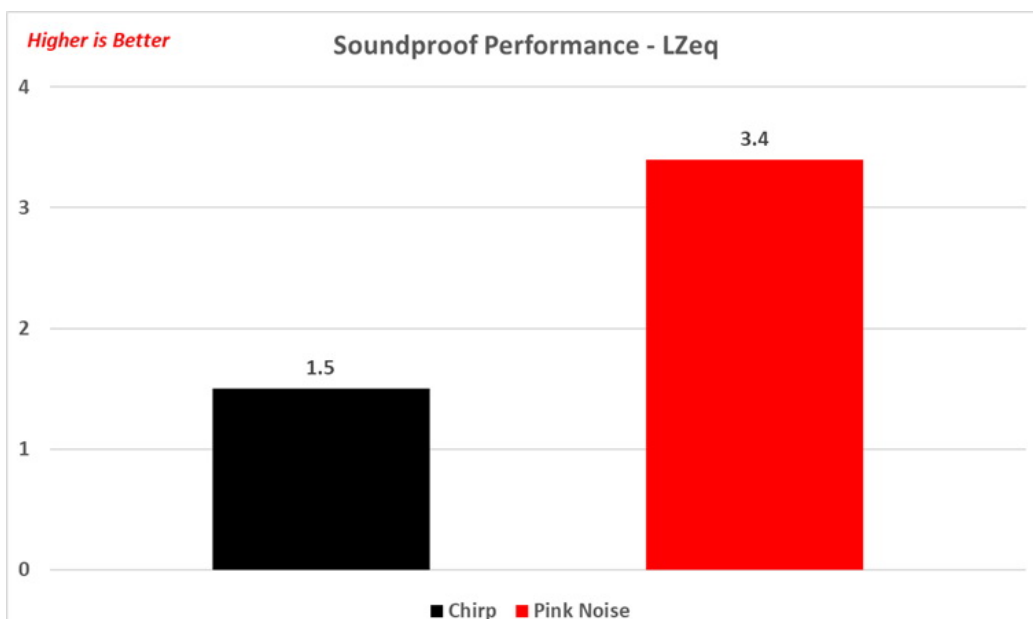
Soundproof Performance LAeq - Pink & Chirp



INFO

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

Soundproof Performance LZeq - Pink & Chirp



INFO

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

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

PAGE 8/9

Evaluation Report

SilverStone SETA H1



Case Photo #1



Case Photo #2

CERTIFICATIONS



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

PAGE 9/9