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### Sample Specifications

Datum / Date: 10.08.2013

Bezeichnung / Denomination: **T180/37/100/P<sup>2</sup>C**  
 Projekt / Project: **T180/37/85/P<sup>2</sup>C HomeHiFi**  
 Muster-Nr. / Sample-No.: **6608**  
 Kunde / Customer:



**Gleichstromwiderstand /**  $R_{dc}$  **6**  $\wedge$   
 DC restance  
**Nennimpedanz /**  $Z_N$  **8**  $\wedge$   
 Nominal impedance  
**Resonanzfrequenz**  $f_s$  **49,82HZ**  
 Resonance frequency  
**Spulendurchmesser** **37mm**  
 Voice coil diameter  
**Spulenbreite /** **16mm**  
 Voice coil height

**Mechanische Güte /**  $Q_{ms}$  **10,09**  
 Mechanical Q factor  
**Elektrische Güte /**  $Q_{es}$  **0,48**  
 Electrical Q factor  
**Gesamtgüte**  $Q_{ts}$  **0,46**  
 Total Q factor

**Dynamisch bewegte Masse /**  $m_d$  **16,27g**  
 Moving mass

**Effektive Membranfläche /**  $S_m$  **135cm<sup>2</sup>**  
 Effective piston area

**Mechanischer Widerstand /**  $R_{ms}$  **0,5Kg/s**  
 Mechanical resistance

**Nachgiebigkeit /**  $C_{ms}$  **0,63mm/N**  
 Compliance

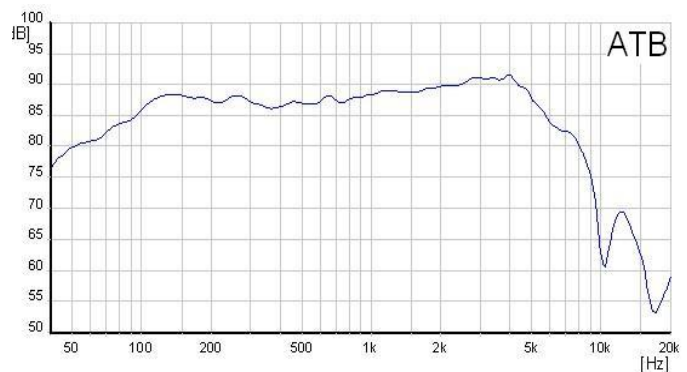
**Antriebsfaktor /**  $BL$  **7,99Tm**  
 Force factor

**Äquivalentvolumen /**  $V_{as}$  **16,06dm<sup>3</sup>**  
 Equivalent air volume

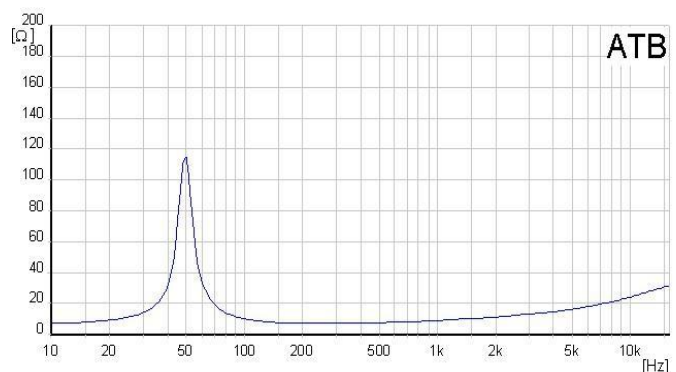
**Wirkungsgrad /**  $\eta$  **0,4%**  
 Efficiency

**SPL 1W/1m** **88,02dB**  
**SPL 2,83V/1m** **89,27dB**

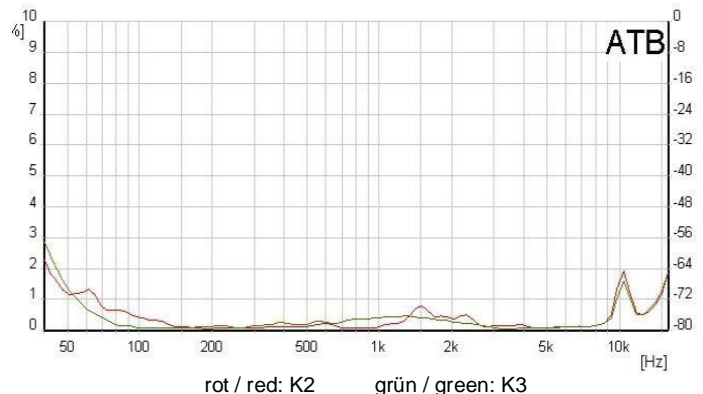
**Frequenzgang / Frequency response [1W/1m]**



**Impedanzverlauf / Impedance**



**Klirrfaktoren / Harmonic Distortion [1w / 1m]**



Freigabe erteilt: Datum:

Unterschrift: