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### Sample Specifications

Datum / Date: 08.12.2014

Bezeichnung / Denomination: T180/37/62/PSP-Wb 25  
 Projekt / Project:  
 Muster-Nr. / Sample-No.: 7504  
 Kunde / Customer:



**Gleichstromwiderstand /**  $R_{dc}$  3,5  $\wedge$

DC restance

**Nennimpedanz /**  $Z_N$  4  $\wedge$

Nominal impedance

**Resonanzfrequenz**  $f_s$  35,69HZ

Resonance frequency

**Spulendurchmesser** 37mm

Voice coil diameter

**Spulenbreite /** 25mm

Voice coil height

**Mechanische Güte /**  $Q_{ms}$  7,35

Mechanical Q factor

**Elektrische Güte /**  $Q_{es}$  0,39

Electrical Q factor

**Gesamtgüte**  $Q_{ts}$  0,37

Total Q factor

**Dynamisch bewegte Masse /**  $m_d$  29,3g

Moving mass

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

Effective piston area

**Mechanischer Widerstand /**  $R_{ms}$  0,89Kg/s

Mechanical resistance

**Nachgiebigkeit /**  $C_{ms}$  0,68mm/N

Compliance

**Antriebsfaktor /**  $BL$  7,72Tm

Force factor

**Äquivalentvolumen /**  $V_{as}$  17,37dm<sup>3</sup>

Equivalent air volume

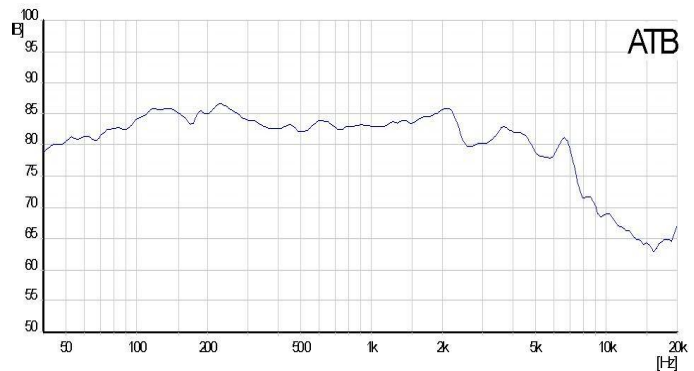
**Wirkungsgrad /** | 0,2%

Efficiency

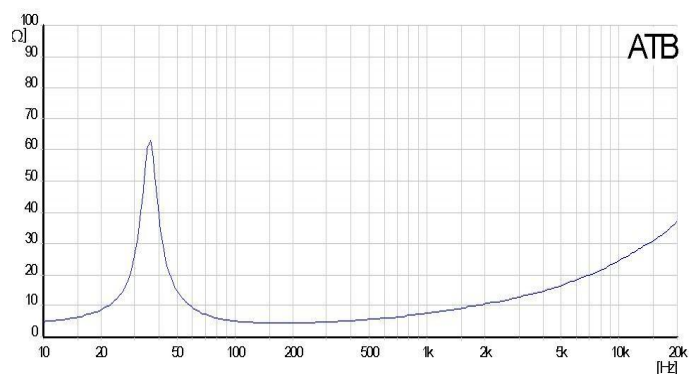
**SPL 1W/1m** 84,95dB

**SPL 2,83V/1m** 88,54dB

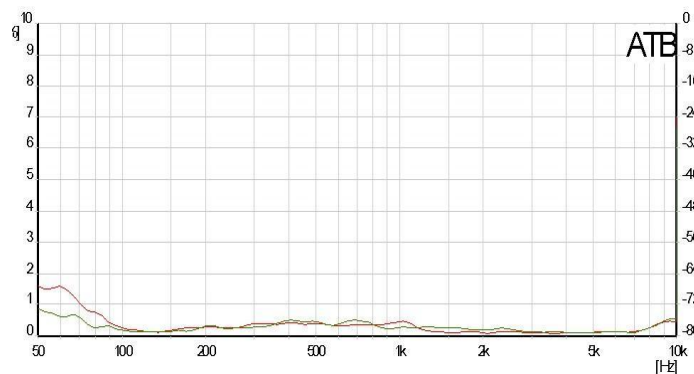
### Frequenzgang / Frequency response [1W/1m]



### Impedanzverlauf / Impedance



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



Freigabe erteilt: Datum:  
 ProPlan Muster: 7504

Unterschrift:  
 08.12.2014