Norman Gerkinsmeyer – Kasernstraße 41 – 89231 Neu-Ulm – Germany – Phone +49 731 3793475 – Fax +49 731 3793476

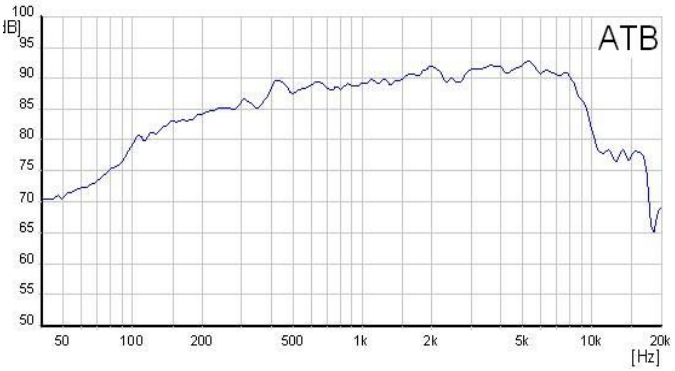
Sample Specifications

Datum / Date:03.12.2010

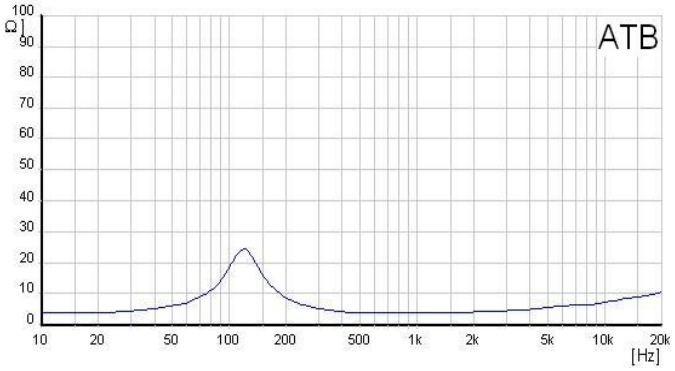
Bezeichnung / Denomination:
Projekt / Project: 80/25/40
Muster-Nr. / Sample-No.: 5901
Kunde / Customer:

Gleichstromwiderstand / *DC restance*	R_{dc}	**3,4** Ω
Nennimpedanz / *Nominal impedance*	Z_N	**4** Ω
Resonanzfrequenz *Resonance frquency*	f_s	**114,44***HZ*
Spulendurchmesser *Voice coil diameter*		**25***mm*
Spulenbreite / *Voice coil height*		**4***mm*
Mechanische Güte / *Mechanical Q factor*	Q_{ms}	**2,64**
Elektrische Güte / *Electrical Q factor*	Q_{es}	**0,4**
Gesamtgüte *Total Q factor*	Q_{ts}	**0,35**
Dynamisch bewegte Masse / *Moving mass*	m_d	**2,86**g
Effektive Membranfläche / *Effective piston area*	S_m	**35,2**cm2
Mechanischer Widerstand / *Mechanical resistance*	R_{ms}	**0,78**Kg/s
Nachgiebigkeit / *Compliance*	C_{ms}	**0,68**mm/N
Antriebsfaktor / *Force factor*	BL	**4,15**Tm
Äquivalentvolumen / *Equivalent air volume*	V_{as}	**1,18**dm3
Wirkungsgrad / *Efficiency*	|	**0,42**%
SPL 1W/1m		**88,24**dB
SPL 2,83V/1m		**91,96**dB

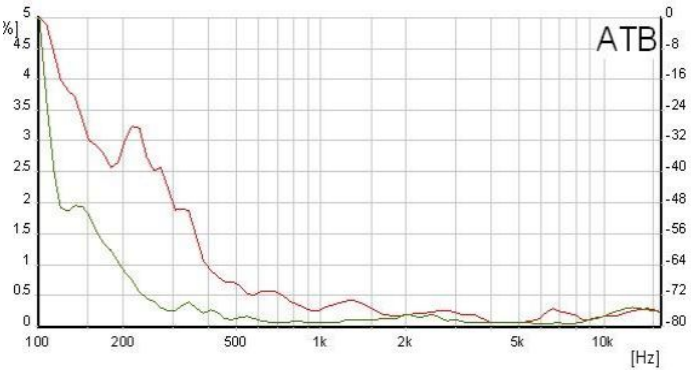
Frequenzgang / Frequency response*[1W/1m]*



Impedanzverlauf / Impedance



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



rot / red: K2 grün / green: K3

Freigabe erteilt: **Datum:** **Unterschrift:**