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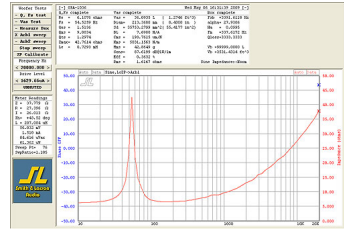
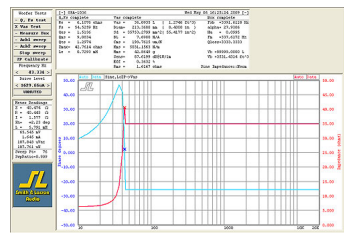
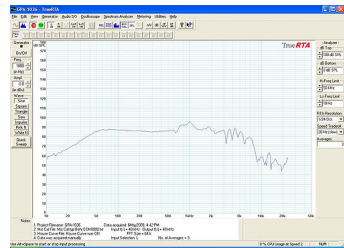
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SPECIFICATIONS

- Nominal diameter : 254mm. 10"
- Nominal Impedance : 8 ohm.
- Program Power : 250w.
- Frequency range : 38Hz. – 6.5KHz.
- Voice coil diameter : 35.5mm.
- Magnet dimension : 120mm x 20mm



GPA-1036

Written by Administrator

Monday, 06 April 2009 07:34 - Last Updated Monday, 18 June 2018 04:07

--- BassBox Pro Version 3.03, Export Thiele-Small Format
--- May 06,2009, Wed 4:23PM
--- GPA-1036
--- Parameters marked with ** are not tested using the WT2

--- mechanical ---

Fs	54.526E+00 Hz	Free air resonance
Qms	9.083E+00	Q mechanical
Vas	36.093E-03 m ³	Suspension compliance
Cms	198.761E-06 m/N	1/(suspension stiffness)
Mms	42.865E-03 kg	Moving mass
Rms	1.617E+00 kg/s	Mechanical resistance
Xmax **	0.000E+00 m	Maximum acoustic linear motion
Xmech**	0.000E+00 m	Mechanical displacement
Dia	213.360E-03 m	Piston diameter
Sd	35.753E-03 m ²	Piston area
Vd **	0.000E+00 m ³	Displacement volume

--- electrical ---

Qes	1.514E+00	Q electrical
Re	6.108E+00 ohms	Voice coil DC resistance
Le	729.270E-06 Henries	Inductance @1 kHz
Z	9.716E+00 ohms	Impedance @1 kHz
BL	7.698E+00 Tm	Motor force - Newtons/Amp
Pe **	0.000E+00 W	Max Electrical Power

--- electro-mechanical ---

Qts	1.297E+00	Q total
no	363.239E-03 %	1/2-space ref efficiency @ 1m/1W
1-W SPL	87.620E+00 dB	sensitivity at 1m on-axis
2.83V SPL	88.792E+00 dB	sensitivity at 1m on-axis

--- motor constants ---

Krm	694.419E-06 ohms	constant resistive motor impedance
Erm	879.415E-03	exponent resistive motor impedance
Kxm	7.430E-03 Henries	constant reactive motor impedance
Exm	695.792E-03	exponent reactive motor impedance

--- End BassBox Pro Export ---

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