

#### Woofer parameters

Fs	44.5 Hz
Qts	0.29
Qes	0.3
Vas	11.5 Liters
Re	3.2 Ohms
Dia	10.9 cm
Xmax	4.5 mm
Pe_max	75 Watts
Le	0 Henries
P_input_rms	30 Watts@8ohms

#### Woofer Calculated Parameters

Sd	0.00933 m <sup>2</sup>
Cms	0.000940 m/N
Mdt	0.0136 kg
Bl	6.37 T*m
no	91.11 dB/2.83V
no	87.13 dB/1W
Qms	8.7
V_in_peak	21.91 Volts
VC_dissipation	75 Watts

#### Passive radiator free-air parameters

Fp	45 Hz
Vap	4.85 Liters
Dia	11 cm

#### Box parameters

Ql	15.0
Qb	30.0
Qp	10.0
Vb	5.0
Desired Fb	42.0

Qcomb	5.000
alpha	2.300
h	0.944
beta	2.371

#### Passive radiator calculated Params

Sp	0.00950 m <sup>2</sup>
Cmp	0.000382 m/N
Mtp	0.0327 kg
Cmt	0.000194 m/N
Mass to add	0.0413 kg
Total Mass	0.0740

#### If ported:

Lv	314.34 cm
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#### If sealed:

Undamped Qtc	0.527
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#### Woofer parameters

Fs	44.5 Hz
Qts	0.29
Qes	0.3
Vas	11.5 Liters
Re	3.2 Ohms
Dia	10.9 cm
Xmax	4.5 mm
Pe_max	75 Watts
Le	0 Henries
P_input_rms	30 Watts@8ohms

#### Woofer Calculated Parameters

Sd	0.00933 m <sup>2</sup>
Cms	0.000940 m/N
Mdt	0.0136 kg
Bl	6.37 T*m
no	91.11 dB/2.83V
no	87.13 dB/1W
Qms	8.7
V_in_peak	21.91 Volts
VC_dissipation	75 Watts

#### Passive radiator free-air parameters

Fp	23 Hz
Vap	20.8 Liters
Dia	15.55 cm

#### Box parameters

Ql	15.0
Qb	30.0
Qp	15.0
Vb	5.0
Desired Fb	42.0

Qcomb	6.000
alpha	2.300
h	0.944
beta	0.553

#### Passive radiator calculated Params

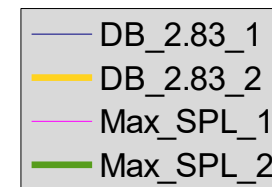
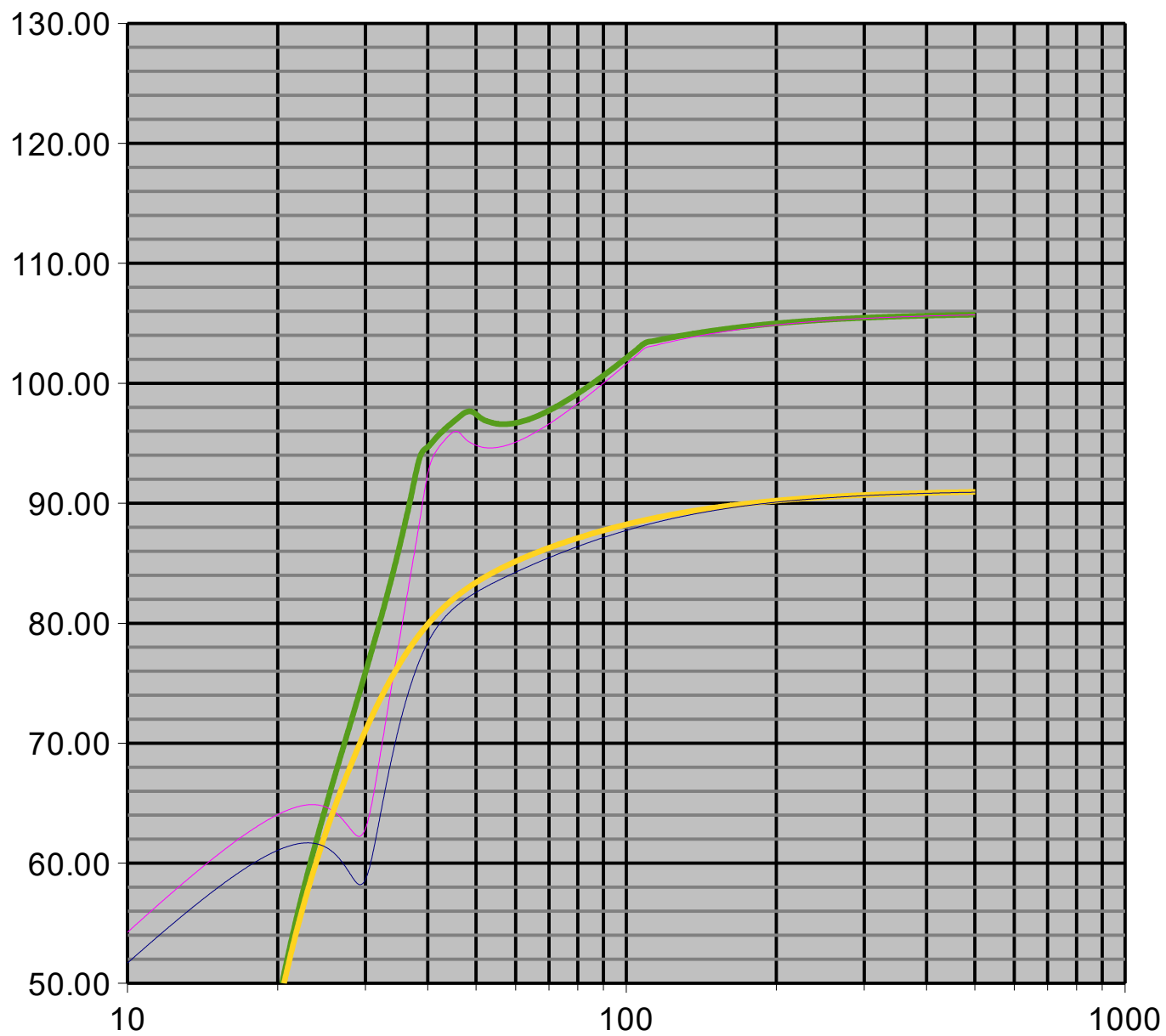
Sp	0.01900 m <sup>2</sup>
Cmp	0.000410 m/N
Mtp	0.1167 kg
Cmt	0.000079 m/N
Mass to add	0.0639 kg
Total Mass	0.1806

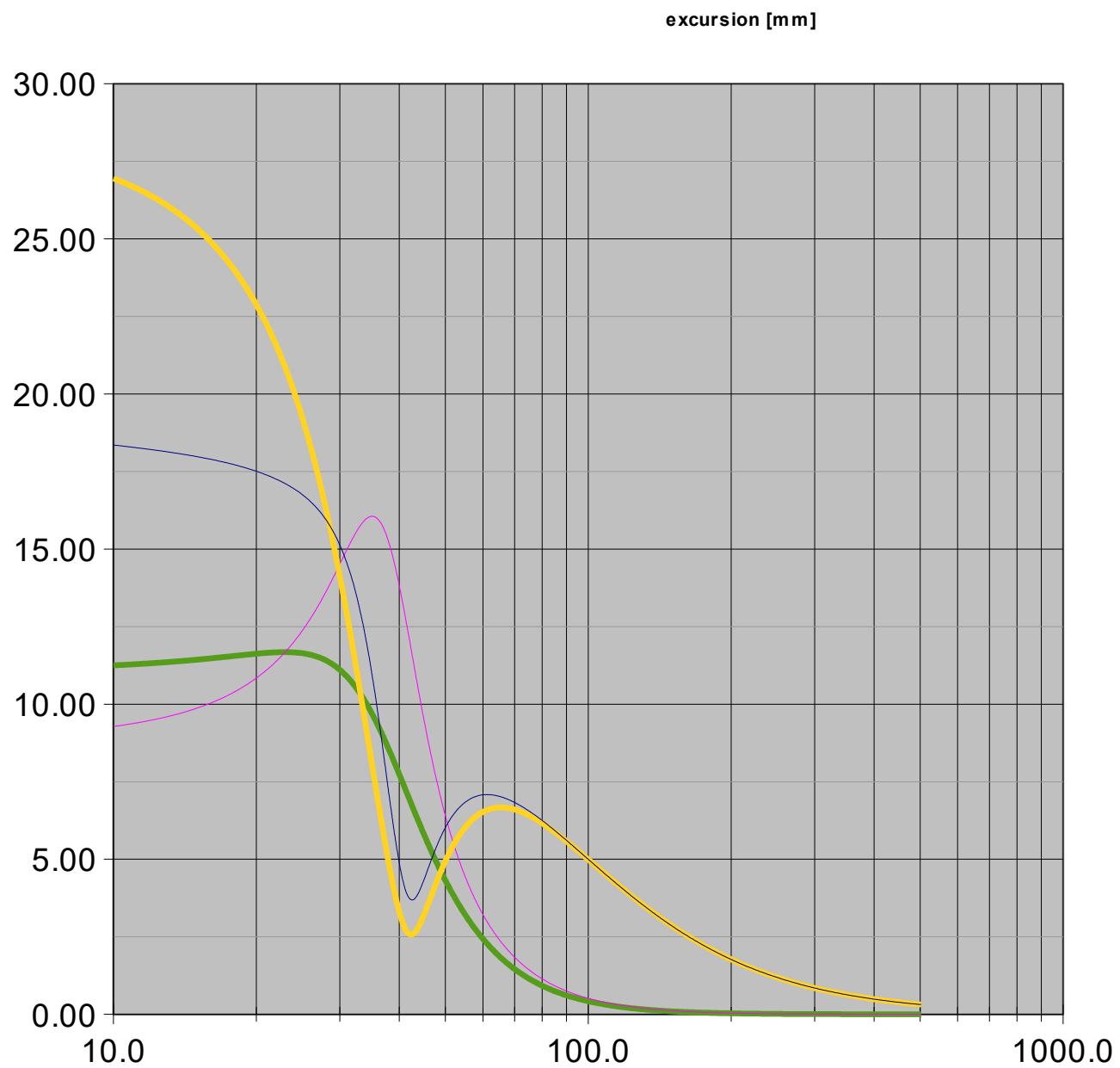
#### If ported:

Lv	633.20 cm
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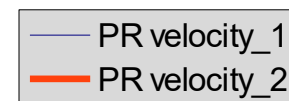
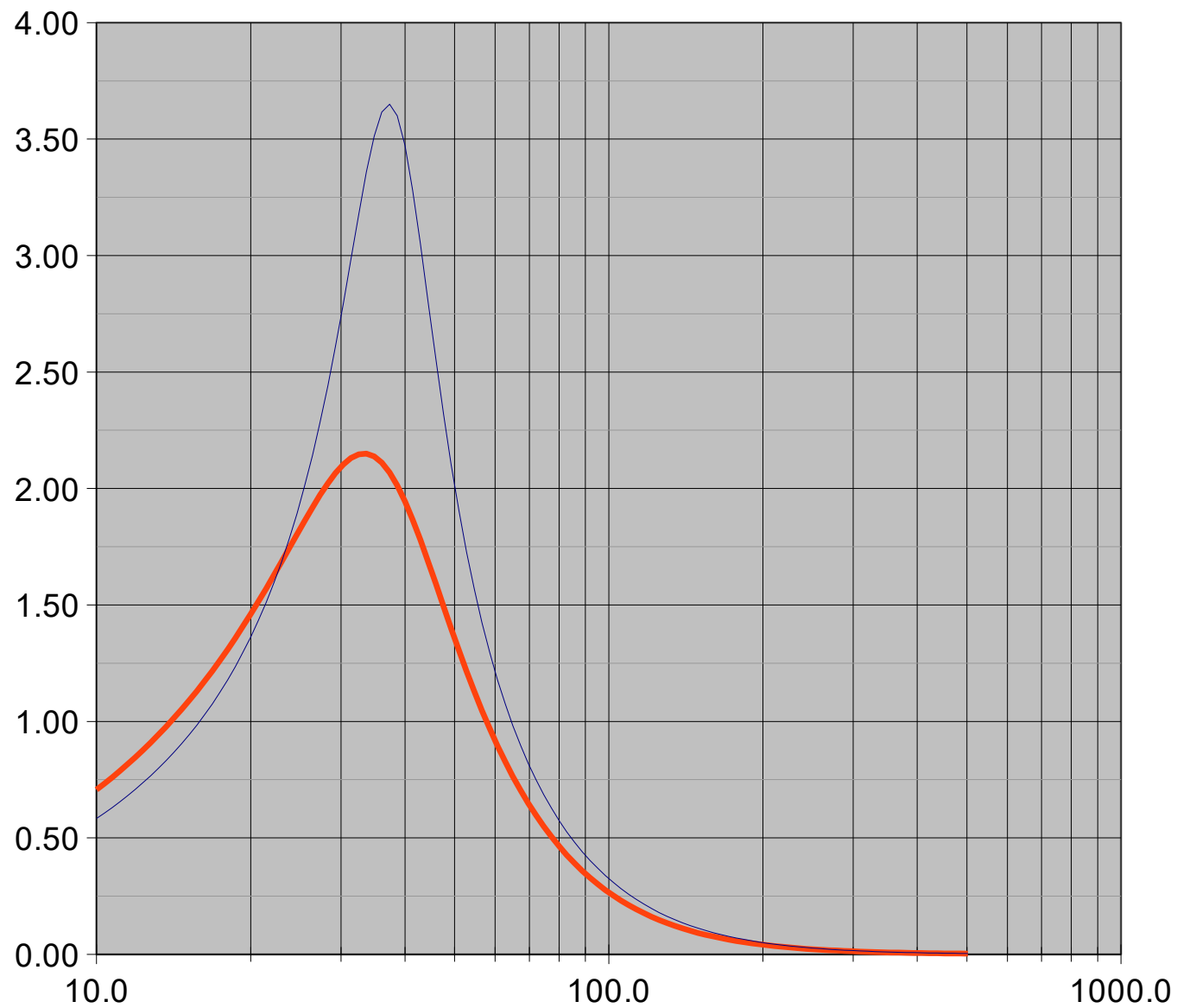
#### If sealed:

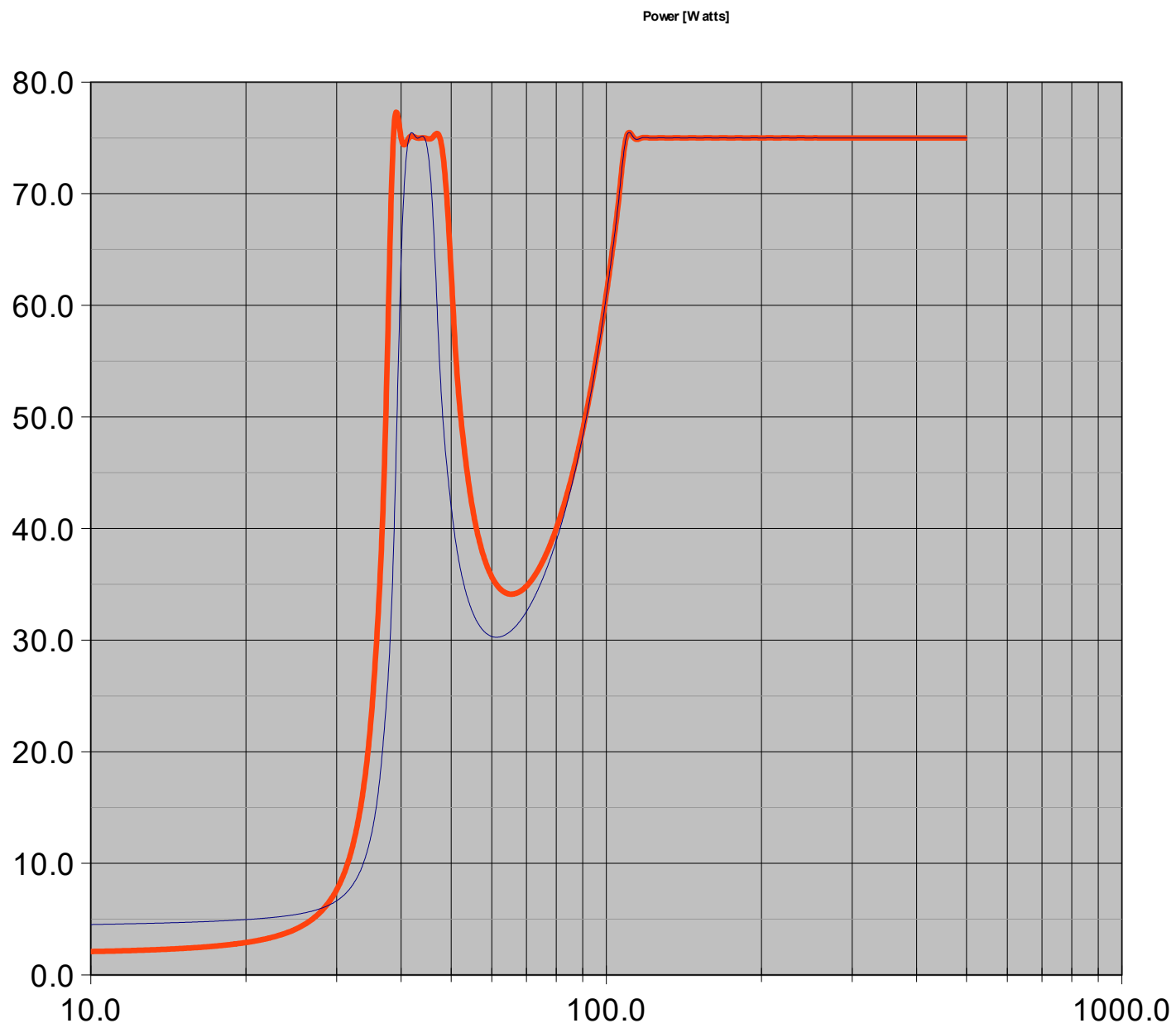
Undamped Qtc	0.527
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PR velocity[m/s]





Input Impedance [ohms]

