

Woofers parameters

Fs	26 Hz
Qts	0.34
Qes	0.36 0.38
Vas	135.07 Liters
Re	5.6 Ohms
Dia	21 cm
Xmax	3 mm
Pe_max	90 Watts
Le	0 Henrys
P_input	75 Watts@8ohms
V_in_peak	34.64 Volts

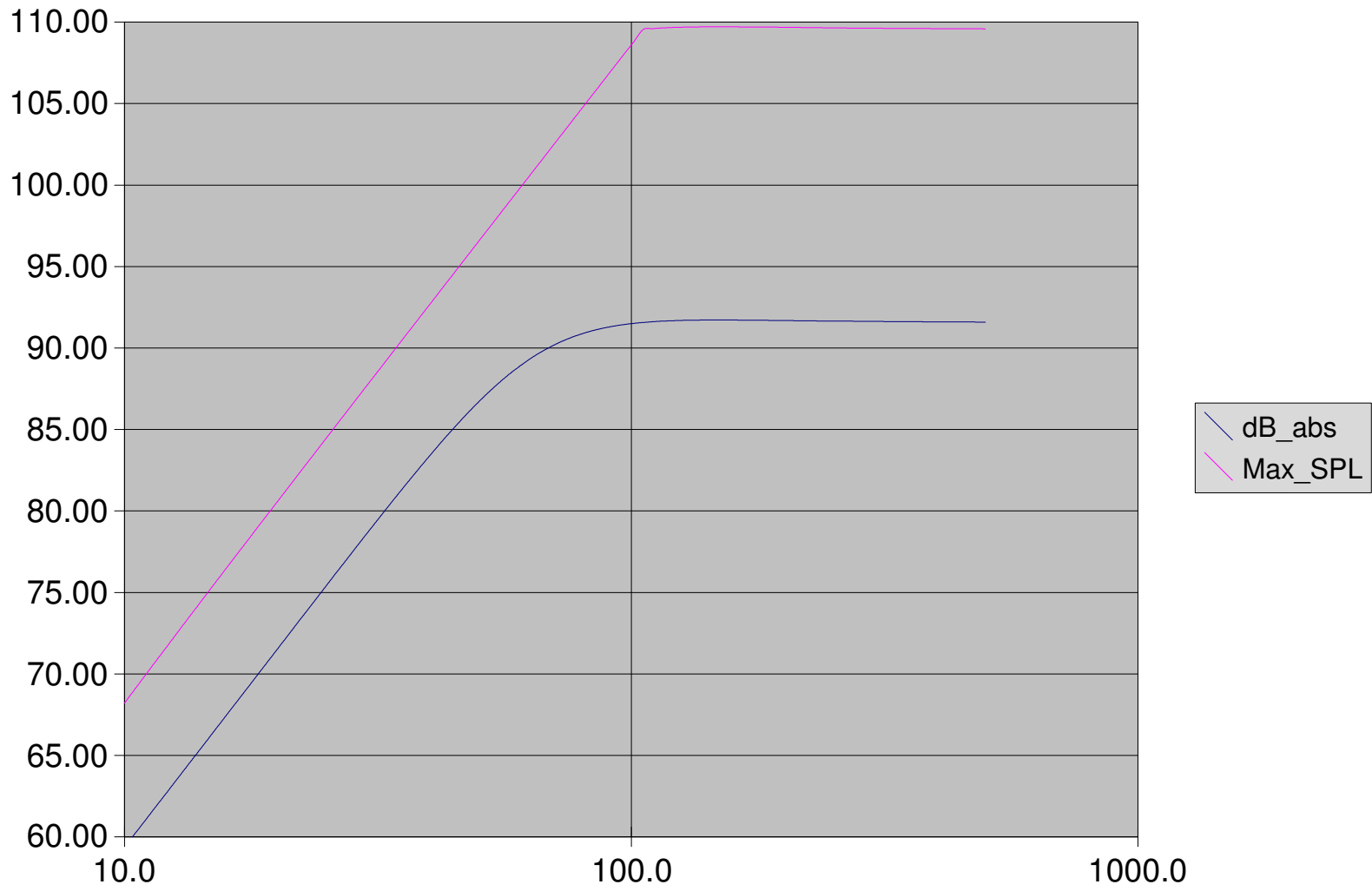
Box Parameters

Ql	20.0
Qb	20.0
Qp	0.0
Vb	28.32
Fb	62
# ports	1
Vent Diameter	10.16 cm
Vent Length	14.95 cm
Sp	0.008107 m^2
	81.07
alpha	4.770
h	2.385
Qcomb	0.000

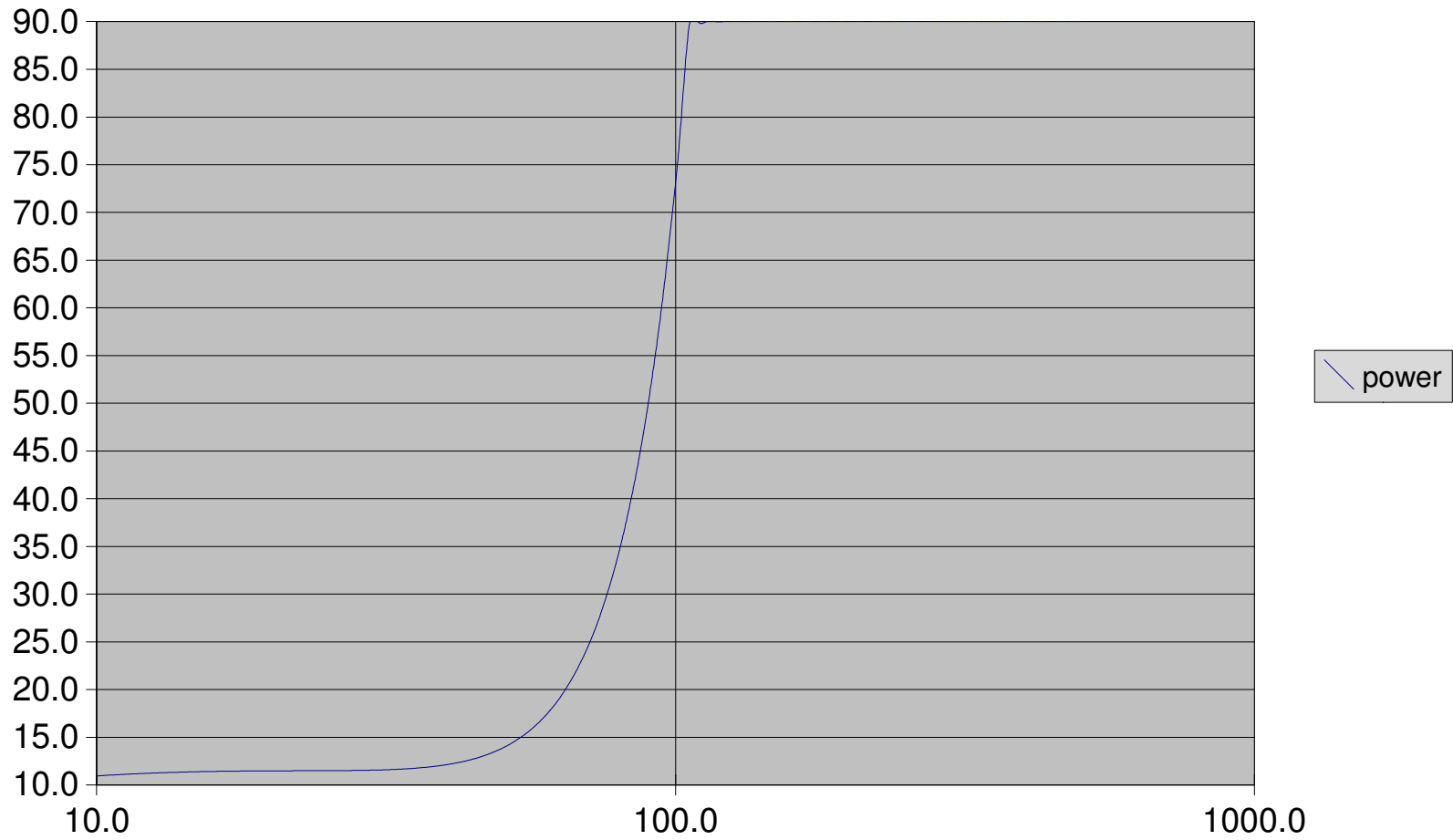
1/Ql	0.0500	
1/Qb	0.0500	
1/Qp	###	
1/QbQl	0.0025	
1/QlQp	5000000.0000	
1/QbQp	5000000.0000	
1/QlQbQp	250000.0000	
B5	1.0025	1.0025
B4	239057695.595	###
B3	755392824.551	###
B2	###	###
B1	28431958.349	###

Woofers Calculated parameters

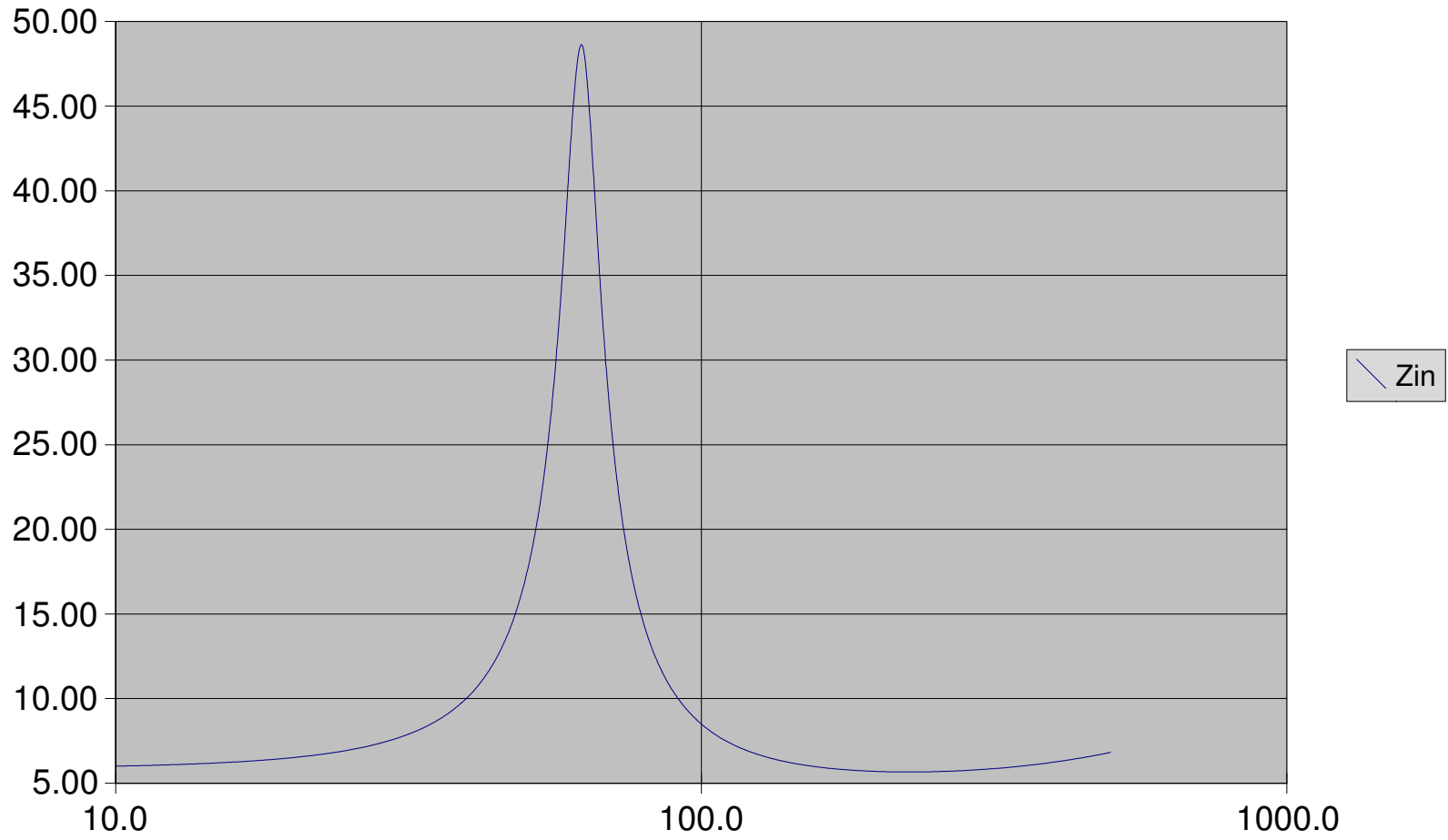
Sd	0.03464 m^2	f	10.0	fn	0.4
Cms	0.000802 m/N		10.4		0.4
Mdt	0.0467 kg		10.7		0.4
Bl	10.90 T*m		11.1		0.4
no	91.59 dB/2.83V		11.5		0.4
no	90.04 dB/1W		11.9		0.5
Qms	6.120		12.3		0.5
P_dissipation	107.1 Watts		12.7		0.5
Cone Sag	0.37 mm		13.2		0.5
			13.7		0.5
			14.1		0.5
			14.6		0.6
	21.95		15.2		0.6
			15.7		0.6
*If sealed			16.2		0.6
lossless fc	62.5		16.8		0.6
losslessQt	0.82		17.4		0.7
Damped Qt	0.74		18.0		0.7
			18.7		0.7
Vent Diameter	4.00 in		19.3		0.7
Vent Length	5.89 in		20.0		0.8
			20.7		0.8
Box Dimensions			21.4		0.8
Cube	30.48 cm		22.2		0.9
	12.000 in		23.0		0.9
			23.8		0.9
			24.6		0.9
Splmax	109.36		25.5		1.0
upmax	17		26.4		1.0
Spmin	66.89		27.3		1.1
			28.3		1.1
			29.3		1.1
			30.3		1.2
			31.4		1.2
	-4.7		32.5		1.2
			33.6		1.3
			34.8		1.3
			36.1		1.4
			37.3		1.4
			38.6		1.5
			40.0		1.5
			41.4		1.6
			42.9		1.6
			44.4		1.7
			45.9		1.8
			47.6		1.8
			49.2		1.9
			51.0		2.0
			52.8		2.0
			54.6		2.1
			56.6		2.2



Main title



Main title



excursion_mm

