

# 17 MRP6R

MLSSA SPD 4W Rev 6 #000829-1613-1650 for Davis Acoustics

Measured Parameters				QC Limits
Line	Parameter	Value	Units	
1	RMSE-free	0.30	Ohms	
2	Fs	89.19	Hz	
3	Re	6.44	Ohms[dc]	
4	Res	31.91	Ohms	
5	Qms	3.29		
6	Qes	0.66		
7	Qts	0.55		
8	L1	0.41	mH	
9	L2	0.45	mH	
10	R2	2.36	Ohms	
11	RMSE-load	1.82	Ohms	
12	Vas(Sd)	13.80	liters	
13	Mms	6.45	grams	
14	Cms	494	$\mu\text{M}/\text{Newton}$	
15	B1	5.92	Tesla-M	
16	SPLref(Sd)	93.5	dB[Re]	
17	Rub-index	0.03		

Method: Mass-loaded (15.000 grams)

Area (Sd): 141.00 sq cm

DCR mode: Measure (-0.14 ohms)

QC file: CLOSED

Analysis successful. Shift in Fs = -44.3% (-20% to -50% is recommended).

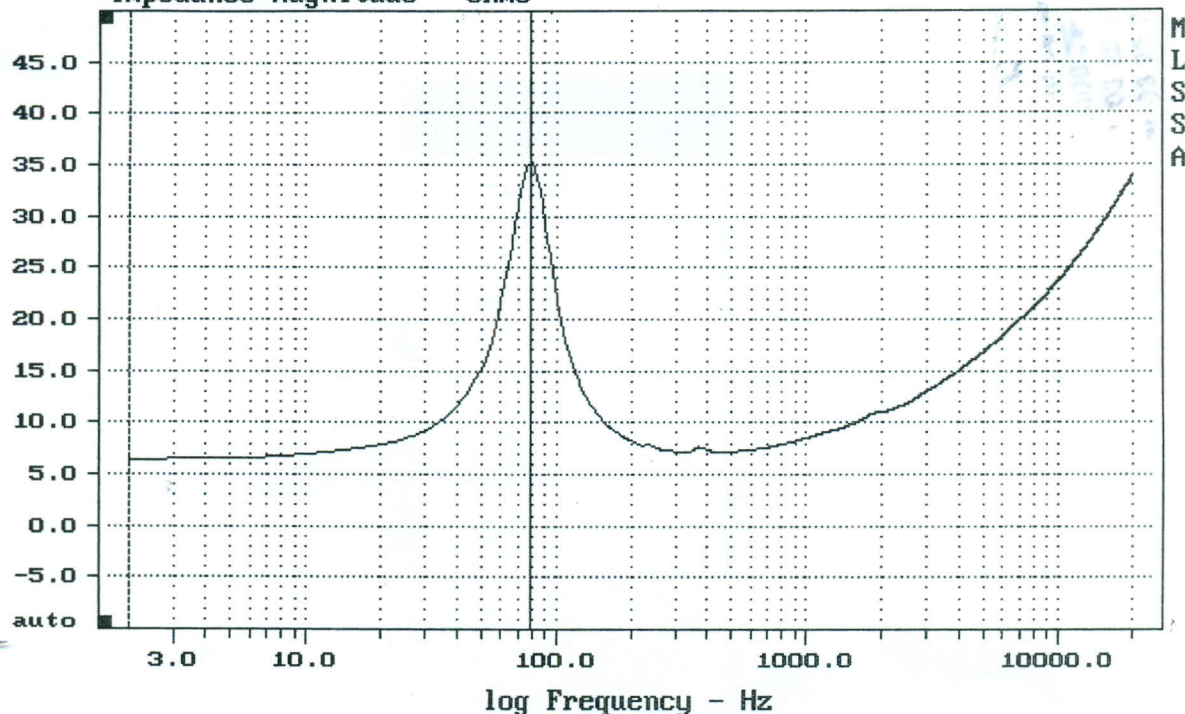
LIB PARAMETERS: Go Calc Method DCR-mode Area Synth QC Export Z-ref Print dUmp

F1 for Help or ESC to exit

MLSSA: Parameters

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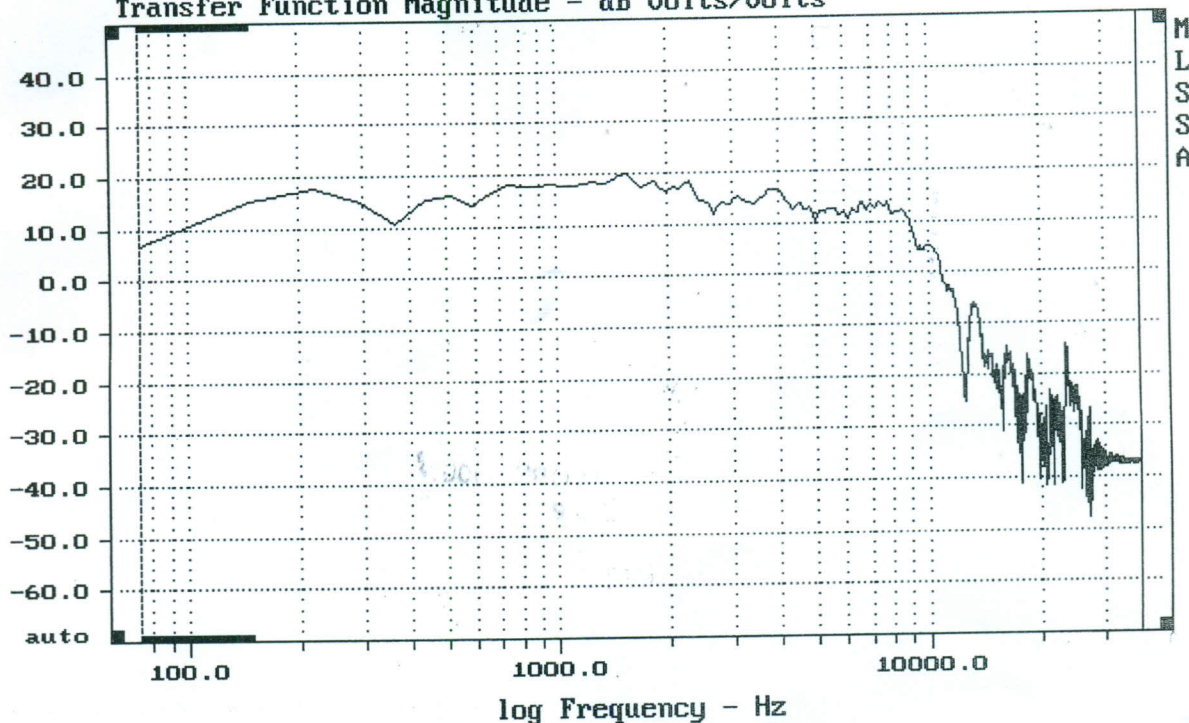
File: C:\MLS\17MRPRI.FRQ 1-6-2011 4:48 PM (equalized)  
Impedance Magnitude - ohms



CURSOR: y = 35.1876 x = 78.0450 (39)

FREQUENCY DOMAIN MENU: Go View Reference Acquisition Setup Transfer Macro QC  
Overlay Calculate Printer DOS Units Library Info Exit  
F1 for Help MLSSA: Frequency Domain

File: C:\MLS\17MRPR.FRQ 1-6-2011 11:20 AM  
Transfer Function Magnitude - dB volts/volts



CURSOR: y = -36.7346 x = 37735.8475 (512)

FREQUENCY DOMAIN MENU: Go View Reference Acquisition Setup Transfer Macro QC  
Overlay Calculate Printer DOS Units Library Info Exit  
F1 for Help MLSSA: Frequency Domain