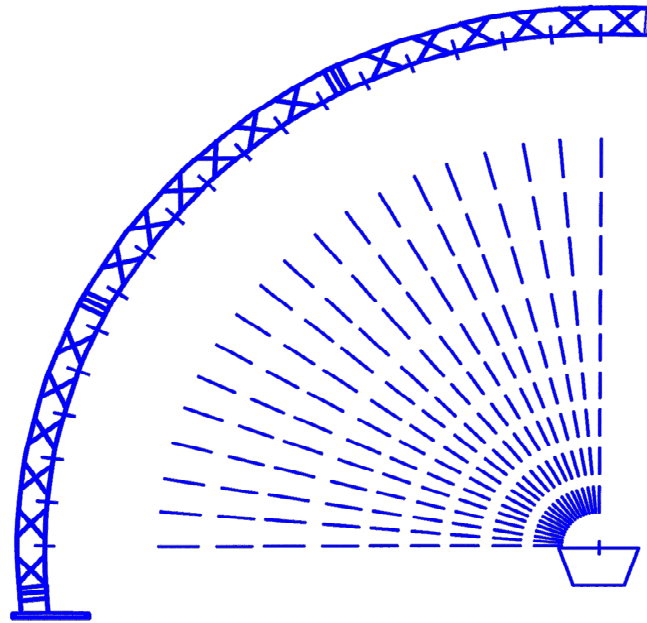


NWAA Labs, Inc

Speaker Test Results

Tannoy, Ltd
Model VQ-MB



"Testing At The Speed of Sound"

25132 Rye Canyon Loop, Santa Clarita, CA 91355, Tel: 253-973-1018
E-Mail: audio_ron@msn.com

Model # **VQ-MB**
SN# (none)



NWAA Labs Inc
25132 Rye Canyon Loop, Santa Clarita, CA 91355
253-973-1018 or 253-229-7448

Speaker # _____
Model # **VQ-MB**
SN# (none)

Customer

Name Tannoy, Ltd
Address Coatbridge, North Lanarkshire
City _____ State U.K. ZIP ML5 4TF
Phone 44 (0) 1236 420199

Misc

Form Date 2/6/2008
Test date 2/6/2008
Ret Date _____
Status _____

BALLOON TEST

Impedance	4 ohms nom
Angular Resolution	5 Degrees
Frequency Resolution	1/3 Oct
Full Sphere/ Half Sphere	Full
Measuring Distance	4.01 Meters
Speaker Input Voltage	2.54V RMS 125Hz Sine
DSP Input Voltage	
DSP Latency (<i>in milliseconds</i>)	
Time of Flight Latency (<i>in milliseconds</i>)	11.79ms
Total Latency (<i>in milliseconds</i>)	11.79ms
Upper Temperature at Start of Test	62.6F
Lower Temperature at Start of Test	60.9F
Upper Temperature at Speaker Turnover	
Lower Temperature at Speaker Turnover	
Upper Temperature at End of Test	62.6F
Lower Temperature at End of Test	61.0F
Rotation point	See Case



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IMPEDANCE WORKSHEET

Output Level: 1vRMS

<u>Frequency</u>	<u>Meas. Imp</u>
100 Hz	11.9
125 Hz	23.4
160 Hz	6.6
200 Hz	5.3
250 Hz	6.0
315 Hz	6.3
400 Hz	5.5
500 Hz	5.8
630 Hz	6.4
800 Hz	7.6
1000 Hz	9.2
1250 Hz	10.6
1600 Hz	11.2
2000 Hz	12.6
2500 Hz	14.3
3150 Hz	16.4
4000 Hz	19.1
5000 Hz	21.3
6300 Hz	24.1
8000 Hz	27.5
10000 Hz	30.9



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NORMALIZED SENSITIVITY WORKSHEET - 1/3 OCT.

Speaker Voltage	2.54V RMS 125Hz Sine
Measuremt Distance:	4.01 meters

<u>Frequency</u>	<u>Measured</u>	<u>Corrected</u>
100 Hz		95.0
125 Hz		97.0
160 Hz		99.4
200 Hz		102.2
250 Hz		105.5
315 Hz		107.0
400 Hz		104.1
500 Hz		98.5
630 Hz		93.8
800 Hz		94.2
1000 Hz		99.2
1250 Hz		104.5
1600 Hz		93.8
2000 Hz		92.9
2500 Hz		84.7
3150 Hz		79.4
4000 Hz		79.8
5000 Hz		77.2
6300 Hz		67.5
8000 Hz		58.8
10000 Hz		58.5



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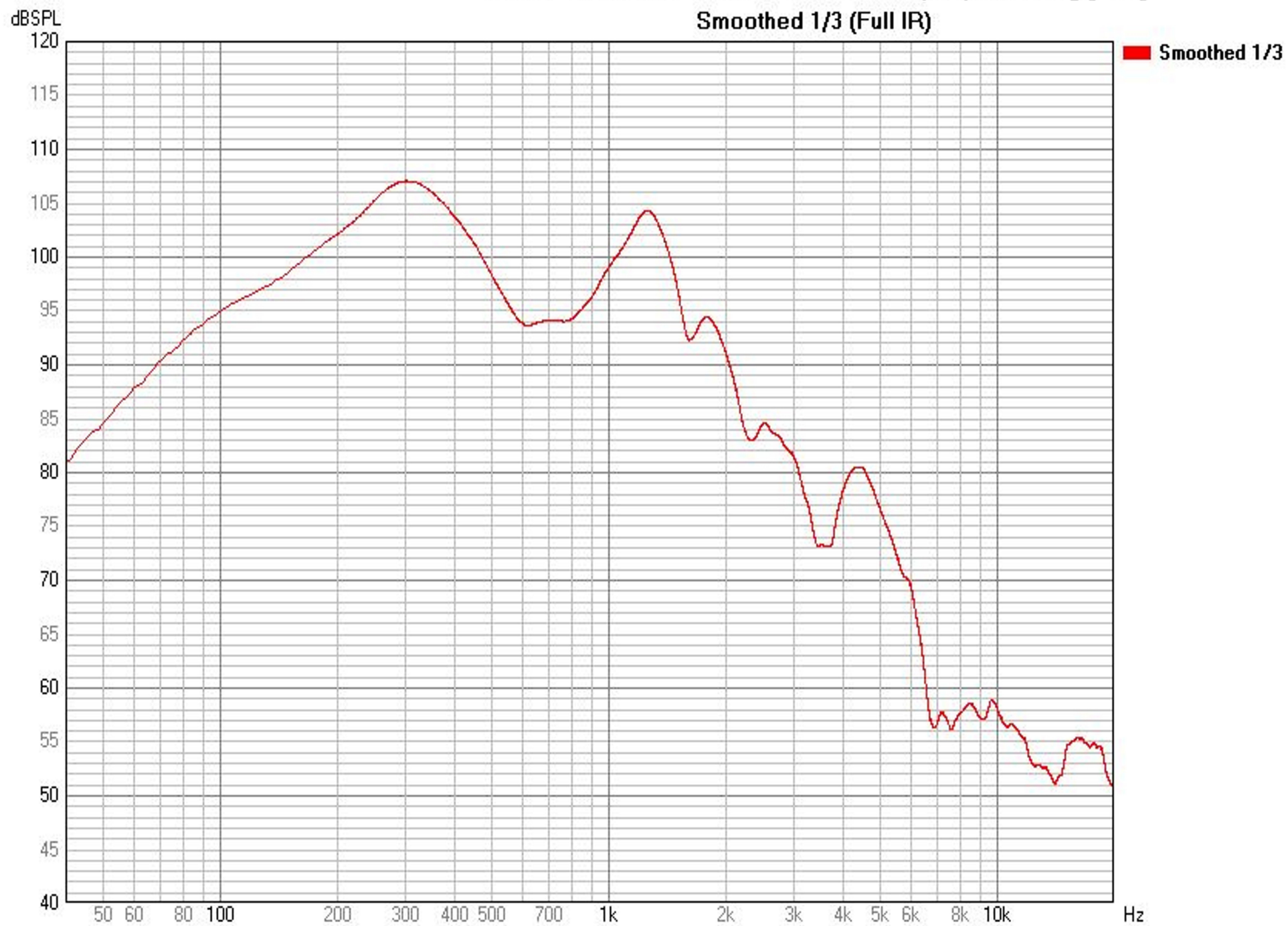
NORMALIZED SENSITIVITY WORKSHEET - 1/1 OCT.

Speaker Voltage	2.54V RMS 125Hz Sine
Measuremt Distance:	4.01 meters

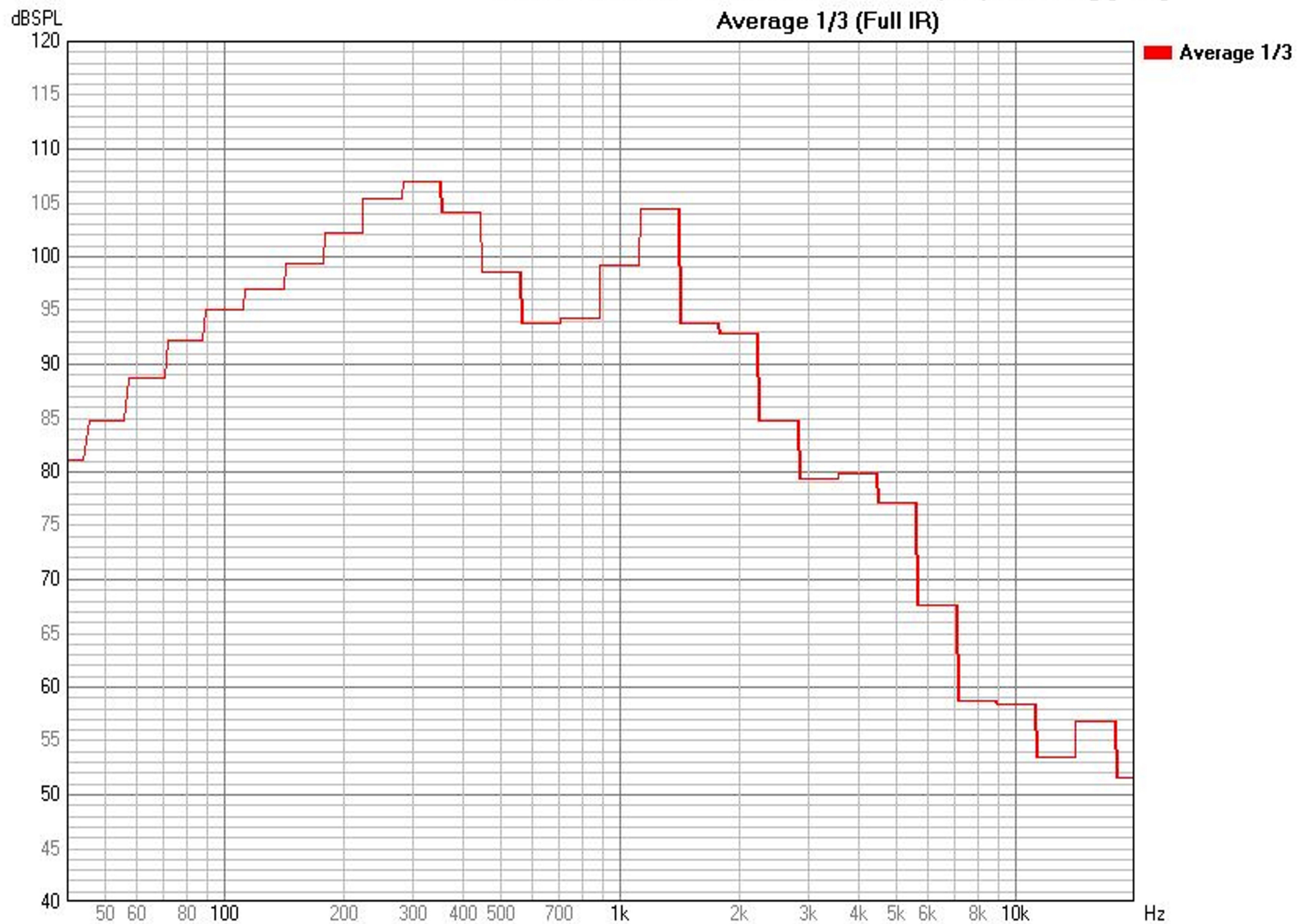
<u>Frequency</u>	<u>Measured</u>	<u>Corrected</u>
125 Hz		97.8
250 Hz		105.6
500 Hz		99.9
1000 Hz		101.8
2000 Hz		91.4
4000 Hz		78.8
8000 Hz		63.0

VQ-MB_2.54v, 4.01m, 125Hz, 4 ohms_Setup w processing [1/19]

Smoothed 1/3 (Full IR)



VQ-MB_2.54v, 4.01m, 125Hz, 4 ohms_Setup w processing [1/19]
Average 1/3 (Full IR)



VQ-MB Full Impedance Plot
NWAA Labs 2/6/2008 10:36:38 AM
Tannoy VQ-MB Full Impedance Plot
Cursor = 30.9 Ohms at 10000.6 Hz (46.6 degs)

