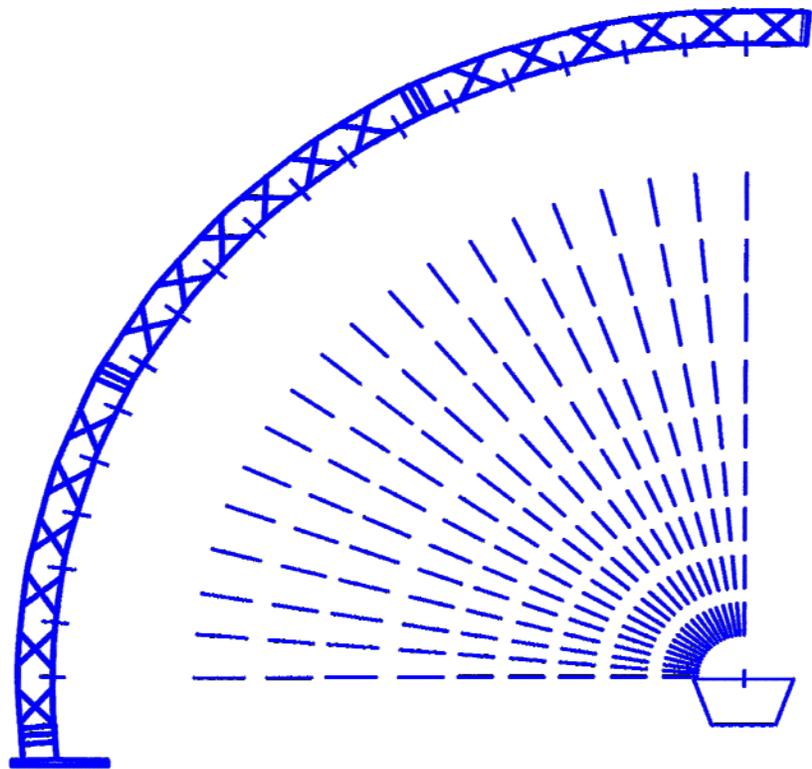


NWAA Labs, Inc

Speaker Test Results

Tannoy, Ltd
Model VQNet-40DF



"Testing At The Speed of Sound"

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



NWAA Labs Inc

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

Model # **VQ Net-40DF**
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 12/1/2009
Test date 12/1/2009
Ret Date _____
Status _____

SPEAKER CHECKLIST

	Y/N	Status	Type	Notes
Outside Shipping Damage?	No	Complete		
Unbox and check speaker for damage?	No	Complete		
Top and Bottom Parallel? Y/N	Yes	Complete		
If Yes Mount plates on Speaker	Yes	Complete		
If No then Design mounting				
Mounting Setup			Special	
Input Connector Type			XLR	
Passive or Multichannel			Powered	
Balloon Test	Yes	Complete		
Impedance Test	Yes	Complete		
Power Test (RMS, Peak, Average or Program)	No		EIA-426-B	400 Watts Program MF Driver 1K Sine
Max SPL Test	No			
THD	No			
Harmonic Tracking	No			
Sensitivity	Yes	Complete		
CLF 1 and 2	Yes	Complete		
EASE v.3 and v.4	Yes	Complete		
DXF Drawing	Yes	Complete		
Weight		28Kg		Pin layout diagram



NWAA Labs Inc

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BALLOON TEST

Impedance	Powered with DSP
Angular Resolution	5 Degrees
Frequency Resolution	1/3 Oct
Full Sphere/ Half Sphere	Full
Measuring Distance	4.01 Meters
Speaker Input Voltage	3.6V RMS 1K Sine at MF
DSP Input Voltage	
DSP Latency (in milliseconds)	0.8
Time of Flight Latency (in milliseconds)	11.8
Total Latency (in milliseconds)	12.6
Upper Temperature at Start of Test	63.9F
Lower Temperature at Start of Test	62.2F
Upper Temperature at Speaker Turnover	
Lower Temperature at Speaker Turnover	
Upper Temperature at End of Test	63.9
Lower Temperature at End of Test	62.9
Rotation point	See Case



NWAA Labs Inc

25132 Rye Canyon Loop, Santa Clarita, CA 91352
253-973-1018 or 253-229-7448

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Model # **VQ Net-40DF**
SN# (none)

Customer

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

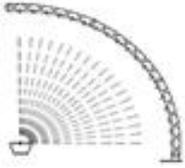
Misc

Form Date 12/1/2009
Test date 12/1/2009
Ret Date _____
Status _____

NORMALIZED SENSITIVITY WORKSHEET - 1/3 OCT.

Speaker Voltage	3.6V RMS 1K Sine at MF
Measurement Distance:	4.01 meters

<u>Frequency</u>	<u>Measured</u>	<u>Corrected</u>
100 Hz		60.7
125 Hz		70.9
160 Hz		74.4
200 Hz		81.7
250 Hz		94.3
315 Hz		101.9
400 Hz		110
500 Hz		111
630 Hz		111.1
800 Hz		111.4
1000 Hz		111.4
1250 Hz		111
1600 Hz		111.2
2000 Hz		111.2
2500 Hz		111.8
3150 Hz		112.1
4000 Hz		112.4
5000 Hz		111.7
6300 Hz		112.3
8000 Hz		111.7
10000 Hz		112.4



NWAA Labs Inc

25132 Rye Canyon Loop, Santa Clarita, CA 91355
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Speaker # _____
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Customer

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Phone 44 (0) 1236 420199

Misc

Form Date 12/1/2009
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Status _____

NORMALIZED SENSITIVITY WORKSHEET - 1/1 OCT.

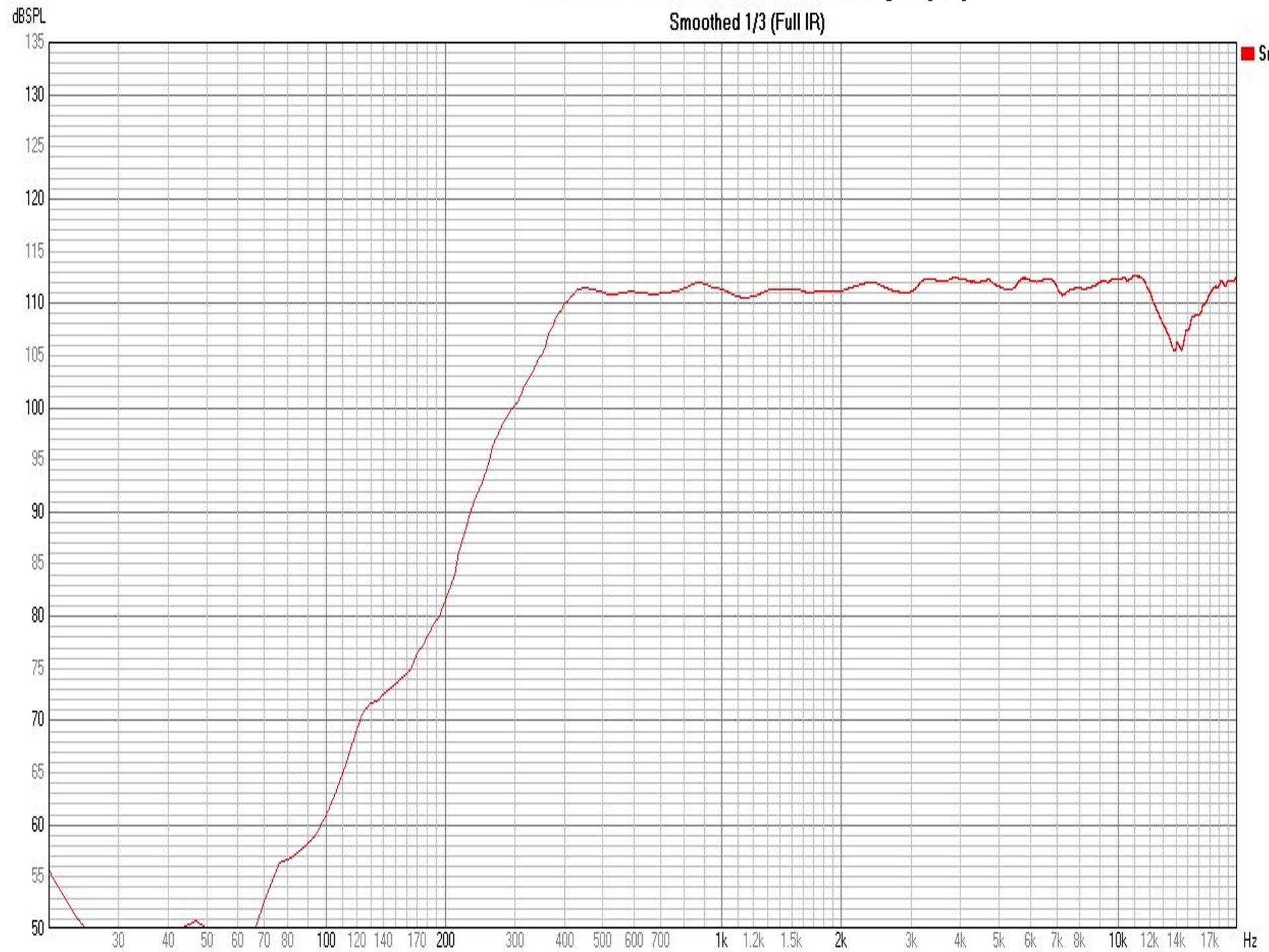
Speaker Voltage	3.6V RMS 1K Sine at MF
Measuremt Distance:	4.01 meters

<u>Frequency</u>	<u>Measured</u>	<u>Corrected</u>
125 Hz		71.9
250 Hz		98.6
500 Hz		110.8
1000 Hz		111.2
2000 Hz		111.5
4000 Hz		112.1
8000 Hz		112.1

VQ40DF_4.01m, 11.3575 VRMS 1K Hz, _w Processing.etm [1/19]

Smoothed 1/3 (Full IR)

■ Smoothed 1/3



VQ40DF_4.01m, 11.3575 VRMS 1K Hz,_w Processing.etm [1/19]

Average 1/3 (Full IR)

dB SPL

■ Average 1/3

