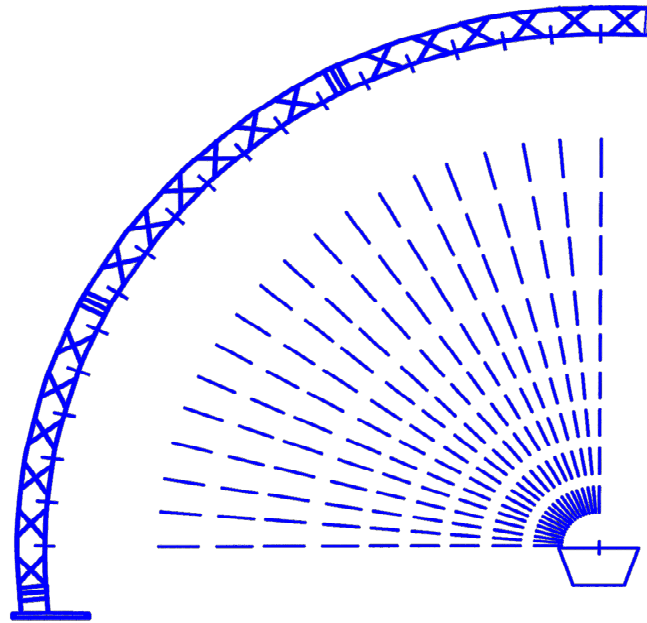


NWAA Labs, Inc

Speaker Test Results

Technomad
Model Noho



"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 # **Noho**
SN# 19443

Customer

Name Technomad LLC
Address 5 Tina Dr
City South Deerfield State MA ZIP 01373
Phone 617-906-5934

Misc

Form Date 7/22/2008
Test date 7/22/2008
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			Normal	Fills needed for cutouts
Input Connector Type			NL4	
Passive or Multichannel			Passive	
Balloon Test	Yes	Complete		
Impedance Test	Yes	Complete		
Power Test (RMS, Peak, Average or Program)	No			430W RMS
Max SPL Test	No			
THD	No			
Harmonic Tracking	No			
Sensitivity	Yes	Complete		Normalized to 1W/1m
CLF 1 and 2	Yes	Complete		
EASE v.3 and v.4	Yes	Complete		
EASE GLL	Yes	Complete		
DXF Drawing	Yes	Complete		
Weight		26.3Kg		Pin layout diagram



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

Speaker # _____
Model # **Noho** _____
SN# 19443

Customer

Name Technomad LLC
Address 5 Tina Dr
City South Deerfield State MA ZIP 01373
Phone 617-906-5934

Misc

Form Date 7/22/2008
Test date 7/22/2008
Ret Date _____
Status _____

BALLOON TEST

Impedance	8 ohm nom
Angular Resolution	5 Degrees
Frequency Resolution	1/3 Oct
Full Sphere/ Half Sphere	Full
Measuring Distance	4.01 Meters
Speaker Input Voltage	3.6VRMS 1K Sine wave
DSP Input Voltage	
DSP Latency (<i>in milliseconds</i>)	
Time of Flight Latency (<i>in milliseconds</i>)	11.6
Total Latency (<i>in milliseconds</i>)	11.6
Upper Temperature at Start of Test	79F
Lower Temperature at Start of Test	76F
Upper Temperature at Speaker Turnover	
Lower Temperature at Speaker Turnover	
Upper Temperature at End of Test	79.1F
Lower Temperature at End of Test	76F
Rotation point	See Case



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

Speaker # _____
Model # **Noho** _____
SN# 19443

Customer

Name Technomad LLC
Address 5 Tina Dr
South
City Deerfield State MA ZIP 01373
Phone 617-906-5934

Misc

Form Date 7/22/2008
Test date 7/22/2008
Ret Date _____
Status _____

IMPEDANCE WORKSHEET

Output Level: 1vRMS

<u>Frequency</u>	<u>Meas. Imp</u>
100 Hz	21.2
125 Hz	10.5
160 Hz	8.0
200 Hz	7.9
250 Hz	8.6
315 Hz	10.1
400 Hz	11.6
500 Hz	12.4
630 Hz	14.1
800 Hz	14.0
1000 Hz	12.2
1250 Hz	9.6
1600 Hz	8.7
2000 Hz	9.2
2500 Hz	12.0
3150 Hz	16.3
4000 Hz	10.2
5000 Hz	6.6
6300 Hz	5.5
8000 Hz	5.6
10000 Hz	6.1



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

Speaker # _____
Model # **Noho** _____
SN# 19443

Customer _____

Name Technomad LLC
Address 5 Tina Dr
South
City Deerfield State MA ZIP 01373
Phone 617-906-5934

Misc _____

Form Date 7/22/2008
Test date 7/22/2008
Ret Date _____
Status _____

NORMALIZED SENSITIVITY WORKSHEET - 1/3 OCT.

Speaker Voltage	3.6VRMS 1K Sine wave
Measuremt Distance:	4.01 meters

<u>Frequency</u>	<u>Measured</u>	<u>Corrected</u>
100 Hz		87.9
125 Hz		91.0
160 Hz		93.1
200 Hz		93.6
250 Hz		95.3
315 Hz		96.4
400 Hz		97.6
500 Hz		93.3
630 Hz		93.5
800 Hz		97.1
1000 Hz		94.1
1250 Hz		97.2
1600 Hz		97.1
2000 Hz		92.0
2500 Hz		90.5
3150 Hz		95.2
4000 Hz		100.1
5000 Hz		97.2
6300 Hz		100.5
8000 Hz		104.7
10000 Hz		104.1



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

Speaker # _____
Model # **Noho** _____
SN# 19443 _____

Customer

Name Technomad LLC
Address 5 Tina Dr
South
City Deerfield State MA ZIP 01373
Phone 617-906-5934

Misc

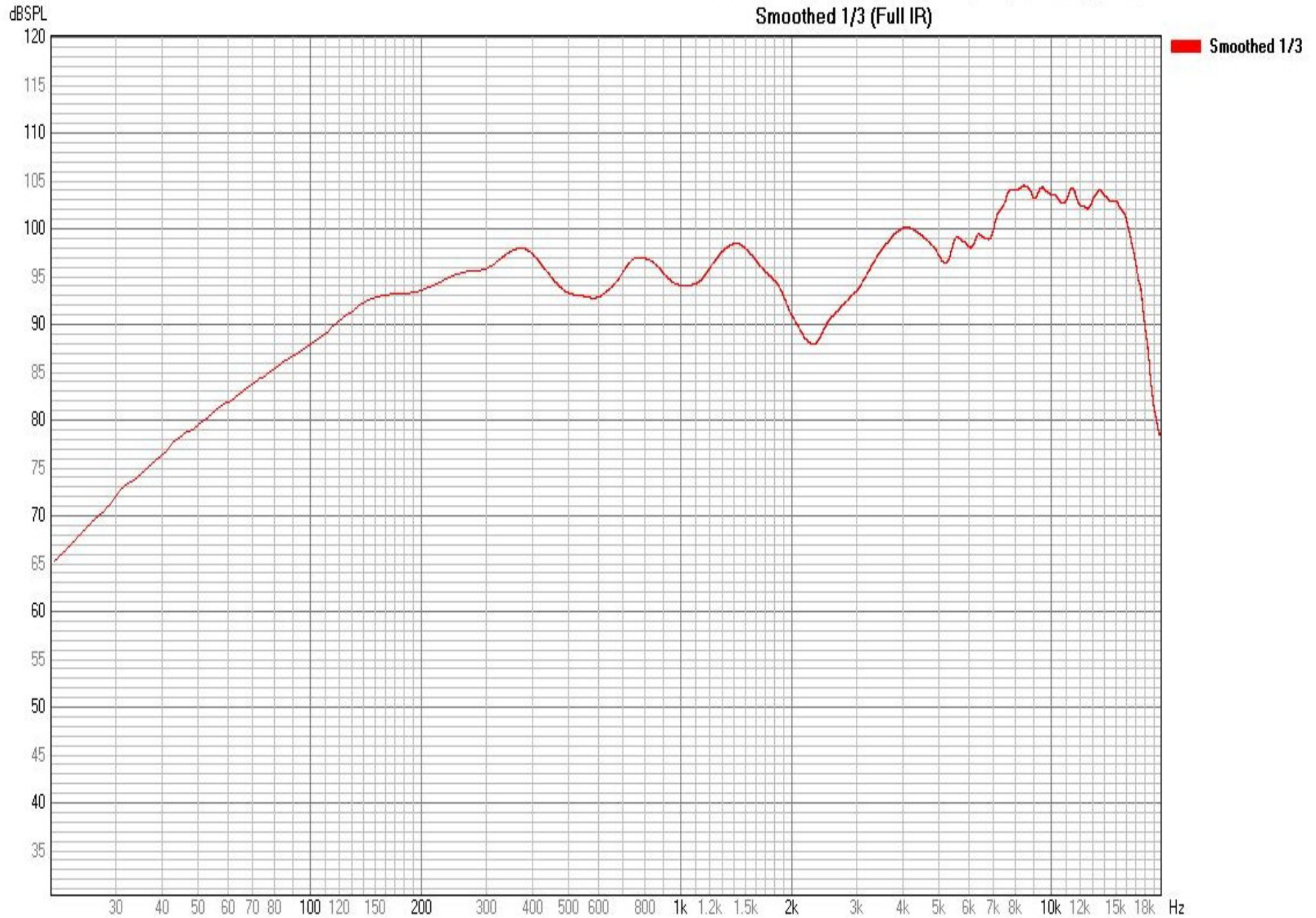
Form Date 7/22/2008
Test date 7/22/2008
Ret Date _____
Status _____

NORMALIZED SENSITIVITY WORKSHEET - 1/1 OCT.

Speaker Voltage	3.6VRMS 1K Sine wave
Measuremt Distance:	4.01 meters

<u>Frequency</u>	<u>Measured</u>	<u>Corrected</u>
125 Hz		91.5
250 Hz		95.4
500 Hz		94.9
1000 Hz		96.4
2000 Hz		93.6
4000 Hz		98.0
8000 Hz		103.7

NoHo Overall_1kHz, 8 ohms, 11.35 VRMS, 4.01m_Setup w processing [1/19]
Smoothed 1/3 (Full IR)



NoHo Overall_1kHz, 8 ohms, 11.35 VRMS, 4.01m_Setup w processing [1/19]

Average 1/3 (Full IR)

