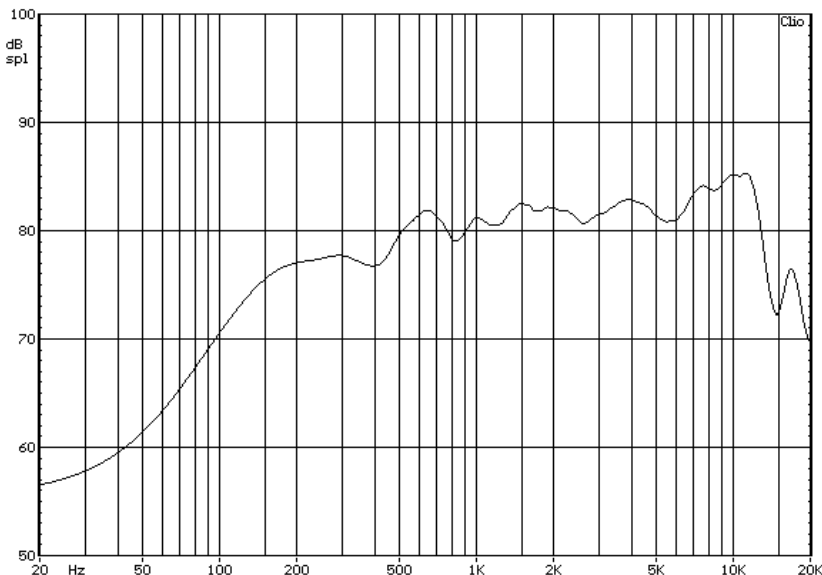



Typical Frequency Response



ITEM	SPECIFICATION	REMARKS
1	Dimensions	40mm Outside Dimension
2	Impedance	4Ω±15% @ 1.0kHz/ 1V
3	Input Power	4.0W/ 5.0W Rated/ Max
4	Lowest Resonant Frequency, F <sub>0</sub>	130Hz ±20% Constant Voltage (1V RMS)
5	Output SPL	81dB ±3dB Measured 1.0W/ 1.0m @ (0.8/ 1.0/ 1.2/ 1.5kHz) Avg. Using IEC 268-5 Baffle.
6	Total Harmonic Distortion	Max 6% (250Hz - 10kHz @ 0.25W/ 0.5m)
7	Effective Frequency Range	F <sub>0</sub> to 20kHz See typical frequency response

**TESTS**

8	Rated Power	The speaker shall be exposed to 4.0W white noise for 96hrs	The speaker must meet item 2,4,5 and 6 after test
9	Max. Input Power	The speaker shall be exposed to white noise of 5.0W for 1min ON and 2 min OFF for 10 cycles.	
10	Buzz Test	4.0Vrms applied from 130Hz to 2kHz	There shall be no extraneous noise
11	Polarity	A positive DC current is applied to the terminal marked +	The diaphragm shall move forward
12	Low Temperature Exposure	At 1/ 4 rated noise power the speaker shall be exposed to -10 ±3°C for 1 hr then depositing for 2 hrs at -25 ±3°, then resuming at normal atmospheric conditions for 4 hrs.	The speaker must meet the appearance and buzz and rattle test.
13	High Temperature Exposure	At 1/ 4 rated noise power the speaker shall be exposed to 55 ±2°C for 16 hrs then depositing for 2 hrs at constant temp. Testing to be completed within 1 hr after withdrawing.	
14	Humidity Exposure	At 40 ±2°C, Humidity of 93±2% for 48 hrs, then resuming at normal atmospheric conditions for 24 hrs	

		<b>Stetron LoudSpeaker Specification</b> International 40mm, 4.0Ω, 4W, RoHS compliant Inc.	
SIZE	DRAWN BY	PART No.	
<b>A</b>		<b>D0040004NRF6WER</b>	
SCALE	DATE	SHEET	
N/A	23-Dec-13	1 of 1	
REV	DWG No. / FILE		
0.1		<b>DB13-065</b>	