

**E-A-RCAL ATTENUATION TEST REPORT
PER ANSI S3.19-1974**



NVLAP Lab
Code 100374-0

DEVICE: H540A/H10A/H10A-HV
Optime 105

DEVICE TYPE: Muffs

MANUFACTURER: Peltor/Aearo Company

TEST DATE: January 16, 2002 **TEST ID#:** 258149

SUBJECTS/SAMPLES: 10/2 **NRR (per EPA-1979):** 30.1

BAND FORCE (N): 10.6 **CSA CLASS:** AL

FITTING PROCEDURE: EPA/Experimenter Fit **POSITION:** OTH

Test Frequency (Hz)	Mean Attenuation (dB)	Standard Deviation (dB)
125	21.0	1.9
250	26.0	2.3
500	36.6	2.3
1000	40.6	2.4
2000	38.0	2.5
3150	41.8	2.7
4000	42.7	1.8
6300	41.7	2.1
8000	41.3	2.5

Performed by: Ronald W. Kieper Reviewed by: Elliott H. Berger
 Ronald W. Kieper Elliott H. Berger
 Sr. Acoustic Technician Manager, Acoustical Engineering

Comments: These muffs have the heavier inner-cups from version 2, double-sized spacer hole and double-size vent holes in backplate. Version 6.

This report pertains only to the samples and subjects tested. It may not be used to claim product endorsement by NVLAP, or any other agency of the U.S. Government.