

## **Test result in from Doctor Sandy Engelberth, Audiologist**

Initial testing was performed on a 54 year old male test subject. A baseline hearing test was obtained in sound-field under calibrated and controlled conditions in a sound treated room using pulsed warble tones for 8 frequencies (250Hz - 8000Hz) in an open-ear condition with sound sources placed at 90 and 180 degrees azimuth. Subsequent testing was performed under the same conditions but covering the open ears with the Mutt Muff© product and then the 4 Paws Aviation product. Threshold detection levels at the eight test frequencies were averaged together to compare the amount of sound reduction in decibels (dBHL). Raw data shows an average of 26.875dBHL for the Mutt Muff© product and an average of 41.875dBHL for the 4 Paws Aviation product. The higher the number of dBHL, the greater the amount of sound reduction and subsequent better hearing protection. Conclusion: The 4 Paws Aviation product shows a significantly higher amount of average sound reduction compared to the Mutt Muff© product.

