INTRODUCTION

The outer hair cell OHC receptor potential nonlinearity has been studied using two-tone suppression experiments, and the model OHC nonlinearity, and the resulting emission was systematic variation in TTS was seen as a function of level. A shift was considered present if the probe amplitude was > 10 dB plus the noise level. In subsequent figure captions, the time period which S1 was gated on for 1350 ms (with 5 ms gating before and 250 ms after the carrier) is referred to as the elicitor window.

MEM-probe tone (near 1.5 or 3.5 kHz); S2 was the frequency MEM-probe tone and a high-frequency elicitor (S2) was gated on 250 ms after S1 with a 250 ms duration. MEM-probe tone emissions (MEM-PE) were collected and analyzed from single ears. In the absence of a MEM reflex, the MEM-PE amplitudes were approximately equal to zero across all frequencies.

Subjects & Methods

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References


