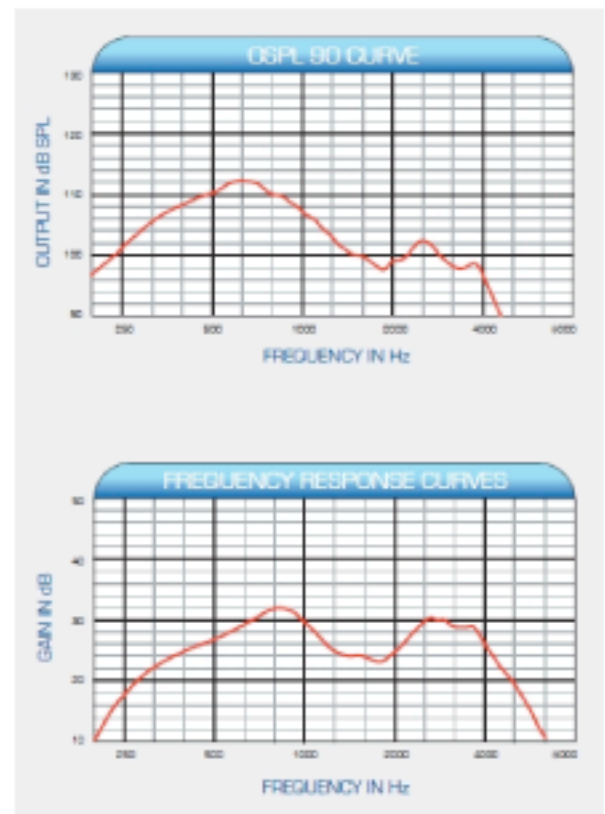
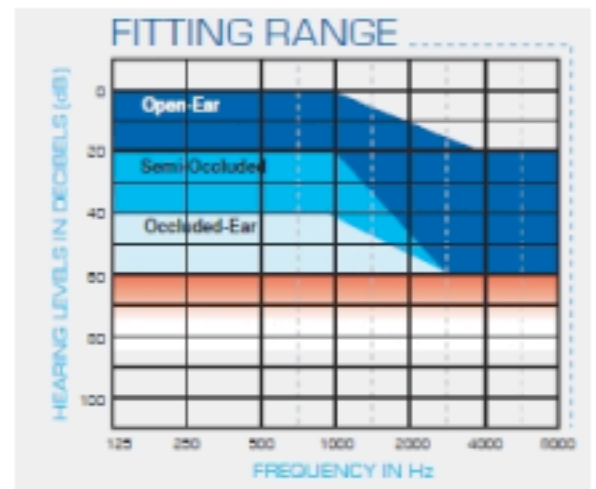


Technical Specifications for NexEar 800 & 900 OTEs Open Ear Fit Hearing Aids

Testing of the NexEar 800/900 Over-The-Ear (OTE) (digital signal processing) hearing aids was performed according to American National Standards Institute (ANSI) hearing aid standards (S3.22-1996) and Specifications of Hearing Aid Characteristics.

Test findings confirmed that the hearing aid circuitry in the NexEar 800/900 OTEs is designed to accommodate individuals with mild to moderate hearing loss and amplifies sound effectively within the critical speech range.

The following specifications represent the capabilities of the typical NexEar 800/900 OTE, measured according to current ANSI specifications.



ANSI S3.22-1996 Typical Technical Data Elements Nexear 800 & 900 OTEs

OSPL 90 Maximum	114 dB SPL
HF Average OSPL 90	104 dB SPL
Peak Gain	30 dB
HFA Full-On-Gain	25 dB
Reference Test Gain	27 dB
Frequency Range: f1-f2	200-6200 HZ
Typical THD at 500 Hz	<3%
800 Hz	<3%
1600 Hz	<3%
Equivalent Input Noise Level	<29dB SPL
Attack / Release Time	10/100 ms @ 2kHz
Battery Current Drain	.70 mA
Battery Life (312)	225 hrs