

SeboTek® Voice-Q™ 820 PAC

Post Auricular Canal Hearing Instrument

MINI RECEIVER

Ear Simulation Data

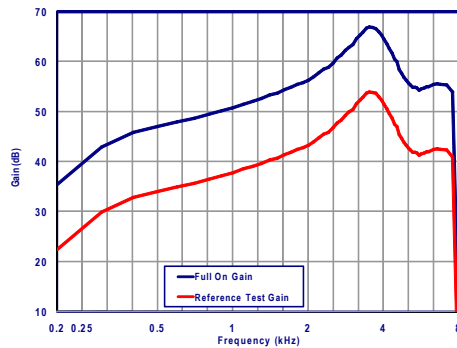
CIC Coupler Using Diagnostic Defaults

Acoustic Gain

Maximum
67 dB

HFA-FOG
55 dB

HFA-RTG
42 dB



ANSI S3.22-2003

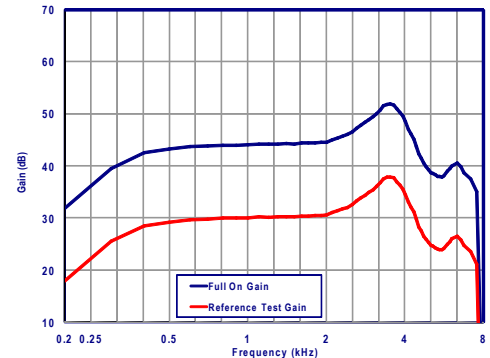
2cc Coupler Using Diagnostic Defaults

Acoustic Gain

Maximum
51 dB

HFA-FOG
45 dB

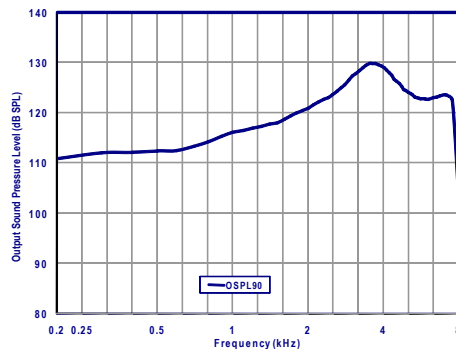
HFA-RTG
31 dB



Output Sound Pressure Level

Maximum
OSPL90
130 dB SPL

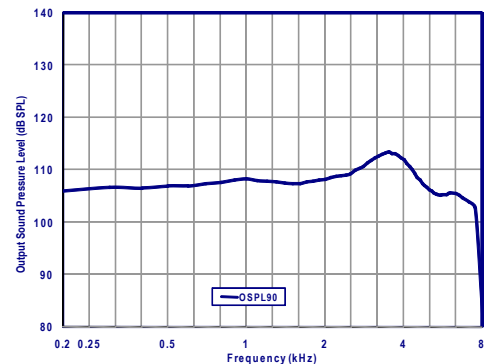
HFA-OSPL90
120 dB SPL



Output Sound Pressure Level

Maximum
OSPL90
114 dB SPL

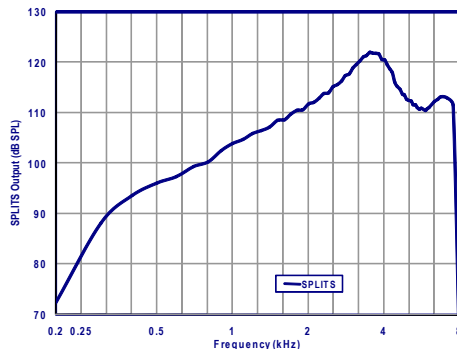
HFA-OSPL90
108 dB SPL



SPLITS Telecoil Sensitivity

HFA-SPLITS
109 dB SPL

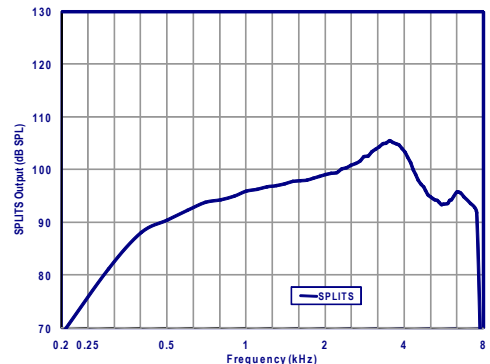
RSETS
8 dB



SPLITS Telecoil Sensitivity

HFA-SPLITS
98 dB SPL

RSETS
8 dB



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Technical Specifications*

Specification	CIC**	2cc
Standard		ANSI S3.22 2003
Acoustic Gain (50 dB SPL input)		
Maximum	67 dB	51 dB
HFA-FOG full-on gain	55 dB	45 dB
RTS	42 dB	31 dB
OSPL90 (90 dB SPL input)		
Maximum	130 dB SPL	114 dB SPL
HFA- OSPL90	120 dB SPL	108 dB SPL
Frequency Range	< 200 to > 7700 Hz	< 200 to > 7500 Hz
Total Harmonic Distortion		
500 Hz	3%	2%
800 Hz	5%	3%
1600 Hz	2%	1%
Current Drain		
Reference Test	1.3 mA	1.3 mA
Equivalent Input Noise	24 dB SPL	29 dB SPL
Telecoil Sensitivity		
31.6 mA/m Wand @ 3000 Hz	119 dB SPL	103 dB SPL
31.6 mA/m Wand @ 1600 Hz	109 dB SPL	98 dB SPL
HFA-SPLITS	109 dB SPL	98 dB SPL
RSETS	8 dB	8 dB
Compression		
Attack time	25 ms	25 ms
Recovery time	150 ms	150 ms

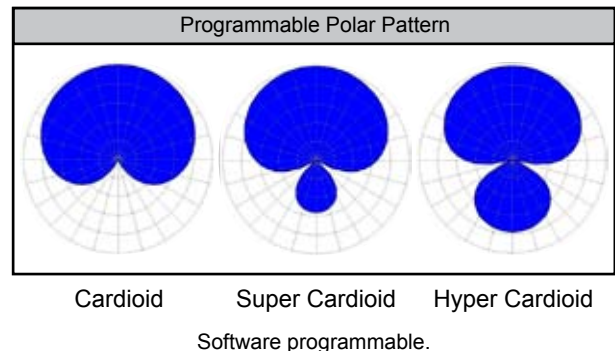
*Testing conducted with PAC system fully assembled - medium speaker link, SeboTek 2cc and CIC couplers, with a 9mm tip.

** CIC test protocol is recommended to more accurately demonstrate system performance.

Microphone sensitivity	Standard	+/- 1dB
	Operational	+/- 0.1dB
Microphone phasing		<2°

Software/Hardware

- Pro-VES™ Software version 4.8 or later
- Programmable with PC (IBM Compatible) and Hi-PRO interface or NOAHlink
- Stand-alone software available
- Programming cables - CS64
- Programming strips - CS64 (4 pin)



For best results SeboTek® recommends Energizer® Zinc Air batteries