

# SeboTek® Voice-Q™721 PAC

## Post Auricular Canal Hearing Instrument

### Ear Simulation Data

CIC Coupler Using Diagnostic Defaults

### ANSI S3.22-2003

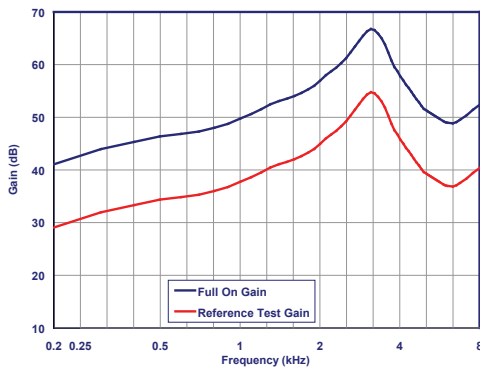
2cc Coupler Using Diagnostic Defaults

#### Acoustic Gain

Maximum  
67 dB

HFA-FOG  
55 dB

HFA-RTG  
43 dB

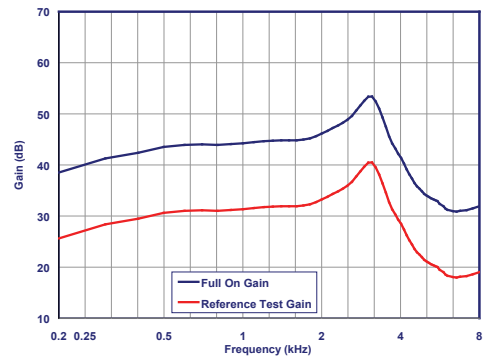


#### Acoustic Gain

Maximum  
53 dB

HFA-FOG  
46 dB

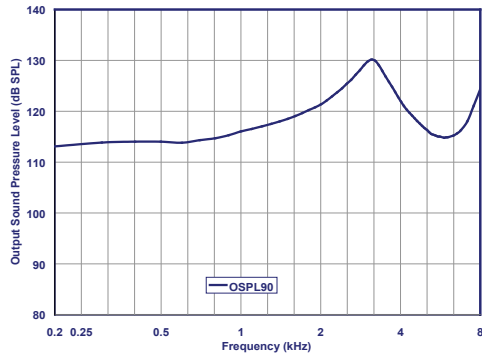
HFA-RTG  
33 dB



#### Output Sound Pressure Level

Maximum  
OSPL90  
131 dB SPL

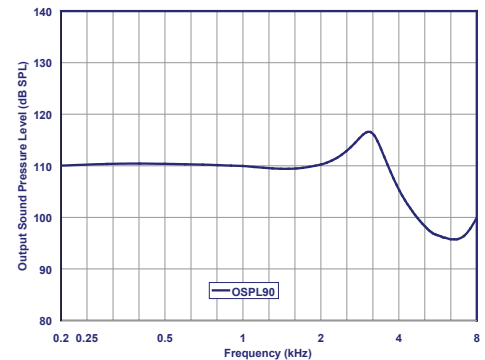
HFA-OSPL90  
120 dB SPL



#### Output Sound Pressure Level

Maximum  
OSPL90  
117 dB SPL

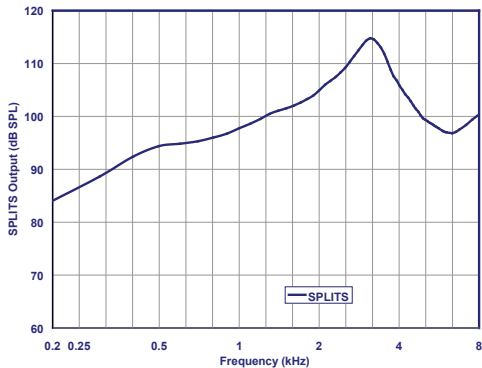
HFA-OSPL90  
111 dB SPL



#### SPLITS Telecoil Sensitivity

HFA-SPLITS  
103 dB

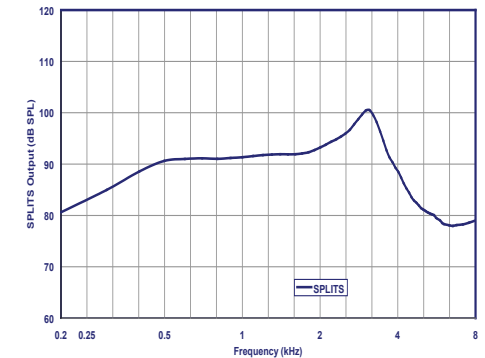
STS-SPLITS  
0 dB



#### SPLITS Telecoil Sensitivity

HFA-SPLITS  
93 dB

STS-SPLITS  
0 dB



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**SEBOTEK®**

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CE 0470

# SeboTek® Voice-Q™721 PAC

## Post Auricular Canal Hearing Instrument

### Technical Specifications\*

Specification	CIC**	2cc
Standard		ANSI S3.22 2003
Acoustic Gain (50 dB SPL input)		
Maximum	67 dB	53 dB
HFA-FOG full-on gain	55 dB	46 dB
RTS	43 dB	33 dB
OSPL90 (90 dB SPL input)		
Maximum	131 dB SPL	117 dB SPL
HFA- OSPL90	120 dB SPL	111 dB SPL
Frequency Range	< 200 to > 8000 Hz	< 200 to > 8000 Hz
Total Harmonic Distortion		
500 Hz	1%	1%
800 Hz	1%	1%
1600 Hz	1%	2%
Current Drain		
Reference Test	1.3 mA	1.3 mA
Maximum	1.5 mA	1.5 mA
Equivalent Input Noise	18 dB	20 dB
Telecoil Sensitivity		
31.6 mA/m Wand @ 3000 Hz	120 dB SPL	102 dB SPL
31.6 mA/m Wand @ 1600 Hz	110 dB SPL	94 dB SPL
HFA-SPLITS	103 dB SPL	93 dB SPL
RSETS	0 dB	0 dB
Compression		
Attack time	5 ms	5 ms
Recovery time	15 ms	15 ms

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

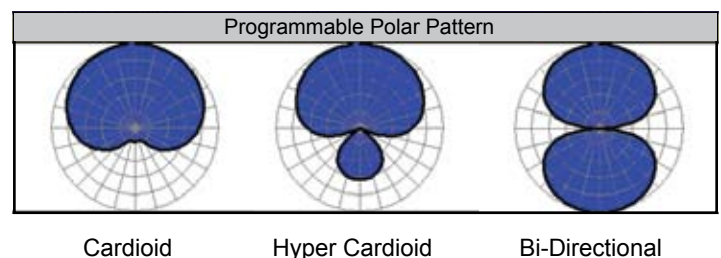
\*\* CIC test protocol is recommended to more accurately demonstrate system performance.

Microphone sensitivity	Standard	+/- 1dB
	Operational	+/- 0.1dB
Microphone phasing		<2°
Microphone Directivity Index		5.4 dB

Processor Weight	Processor only	0.9 g
Software/Hardware	Fully assembled with battery	2.6 g

- Pro-VES™ Software version 4.7 or later
- Programmable with PC (IBM Compatible) and Hi-PRO interface
- Stand-alone software available
- Programming cables - CS64
- Programming strips - CS64 (4 pin)

For best results SeboTek® recommends Energizer® Zinc Air batteries.



Software programmable, 50 polar plots available.