

sound FS R312

Receiver-in-the-Canal (RIC) Hearing System Series



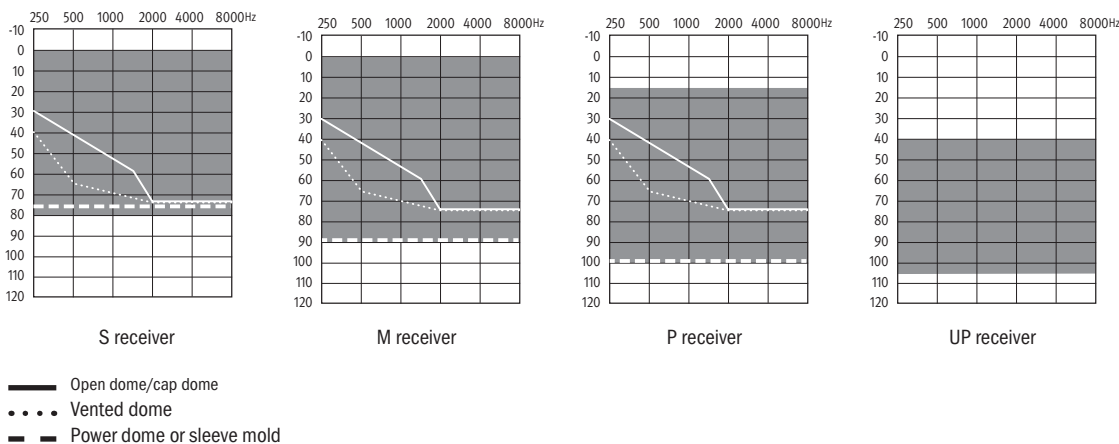
	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)	
ANSI/ASA 3.22 2014 (R2022)/IEC 60118-0: 2022 2cc coupler technical data					
OSPL90 Maximum (dB SPL) HFA - OSPL90 (dB SPL)	111	114	122	132	
	106	111	120	124	
Full on gain (input 50 dB SPL) Maximum (dB) HFA - FOG (dB)	47	51	59	71	
	40	46	56	65	
Reference test setting (RTS) Basic Frequency Response	Frequency range (Hz)	<100 - 8000	<100 - 8000	<100 - 6300	<100 - 6100
	Reference test gain (dB)	29	34	43	47
	Current drain at RTS (mA)	1.4	1.4	1.5	1.4
	Equivalent input noise at RTS (dB SPL)	19	19	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	1.5/2.0/2.0/1.0	1.5/2.0/2.0/1.0	1.0/1.5/1.0/1.0	1.5/1.5/1.0/1.0

Legend General Test Information

- Standard Power
- Moderate Power
- Power
- Ultra Power

Battery size: 312; Source: voltage 1.3 V
 The measurements obtained with a closed configuration using an HA-1 coupler (ANSI-3.7-1995).
 The hearing instrument set to HANSATON scout test settings. LLE is applied at an approximate level of 35 dB SPL.
 Domes should never be fit on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals. In the case of such a condition, we recommend use of a customized earmold.
 Monoaural Latency in a fitted user mode is 6.5 mS according to ANSI 2051: 2017.
 We reserve the right to change specification data without notice as improvements are introduced.

WARNING: This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.
 Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid.



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Attributes

<u>Attribute Type</u>	<u>Value</u>	<u>Description</u>
Affected Site	5300	Kitchener (CA)
Project	uPrince 2/3	
Project Phase	Finished Product	

Approvals

<u>Level</u>	<u>Actor</u>	<u>Job Title</u>	<u>Sign-off Date</u>	<u>Sign-off By</u>
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Revision Notes

<u>Access Activity</u>	<u>Note</u>	<u>Accessed By</u>	<u>Accessed Date</u>
Remark	Updated standards title	53MWHITEMAN	28-Sep-2023