

AQ beat FS R

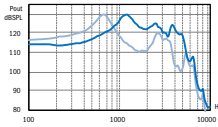
Behind-the-Ear (BTE) Rechargeable Hearing System Series



Earhook
(Standard)

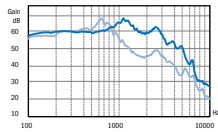
Slim Tube
(Optional)

ANSI/ASA 3.22 2014 (R2022)/IEC 60118-0: 2022 2cc coupler technical data



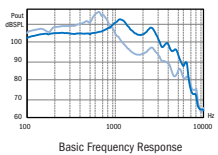
OSPL90

Maximum (dB SPL)	130	129
HFA - OSPL90 (dB SPL)	125	116



Full on gain (input 50 dB SPL)

Maximum (dB)	68	69
HFA - FOG (dB)	63	51



Reference test setting (RTS)

Frequency range (Hz)	<100 - 5700	<100 - 7100
Reference test gain (dB)	48	39
Typical battery life (h) *	18	18
Equivalent input noise at RTS (dB SPL)	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	4.0/3.0/2.0/1.0	1.0/1.0/2.0/1.0

Legend

- Earhook
- Slim Tube

General Test Information

Lithium-Ion rechargeable battery; Source: voltage 3.8 V

* Typical operating time of the rechargeable battery is based upon a combination of bluetooth streaming and regular hearing instrument usage.

The measurements obtained with a closed configuration using an HA-2 coupler (ANSI-3.7-1995).

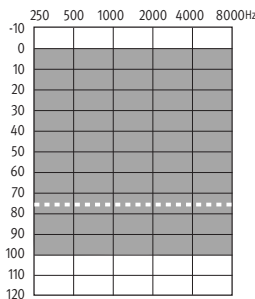
The hearing instrument set to HANSATON scout test settings. LLE is applied at an approximate level of 35 dB SPL.

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.

Monaural 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: 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.



--- Slim Tube



CE
0459



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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>
1	Bryan Hynes	Coordinator, Information Control		
2	Betty Rule	Director HI Hansaton		
2	Janette Brookes	Technical Administrator, Information Control		
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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