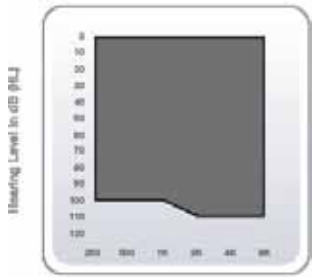


ITE

in-the-ear

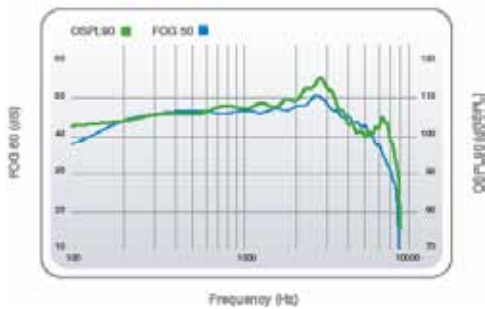


mobility⁴⁰

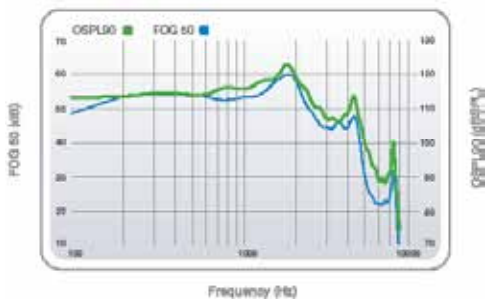


Frequency (Hz)

Mobility ITE fitting range.



OSPL90 (green) and Full-On Gain (blue) curves for the Mobility ITE at 115/50.



OSPL90 (green) and Full-On Gain (blue) curves for the Mobility ITE at 123/60.

Matrices: 110/40, 115/50

Maximum Output: Up to 30dB Reduction in 2dB Steps (range varies by channel)

Compression Threshold: 24dB Range in 4dB Steps

Compression Ratio: 1:1.3:1 (range varies by channel)

Battery Size: 13

	ITE 115/50		ITE 123/60	
	ANSI/IEC 2cc Coupler	IEC OES Coupler	ANSI/IEC 2cc Coupler	IEC OES Coupler
Measurement				
Peak OSPL90 (dB SPL)	115	124	123	130
HFA OSPL90 (dB SPL)	110	NA	116	NA
RTF OSPL90 (dB SPL)	NA	116	NA	128
Peak Gain (dB)	50	58	60	68
HFA Full-On Gain (dB)	46	NA	53	NA
RTF Full-On Gain (dB)	NA	54	NA	66
Frequency Range (Hz)	100 - 6800	100 - 7000	100 - 5000	100 - 5100
Reference Test Frequency (kHz)	NA	1.6	NA	1.6
HFA Frequencies (kHz)	1.0, 1.6, 2.5	NA	1.0, 1.6, 2.5	NA
Reference Test Gain (dB)	33	41	39	53
Harmonic Distortion				
500 Hz (%)	<3	<3	<3	<3
800 Hz (%)	<3	<3	<3	<3
1600 Hz (%)	<3	<3	<3	<3
Attack and Release Time (ANSI/IEC) – Test Mode				
Attack Time (ms)	20	20	20	20
Release Time 0.1s (ms)	5-150	5-250	5-150	5-250
Release Time 2.0s (ms)	5-150	5-250	5-150	5-250
Induction Coil Sensitivity				
HFA SPLITS (ANSI) (dB SPL)	95	NA	101	NA
MASL (IEC) (dB SPL)	NA	83	NA	95
ANSI/IEC Battery Current (mA)	1.22	1.22	1.22	1.22
Idle Current (mA)	1.14	1.15	1.13	1.13
Estimated Battery Life for 16-Hour Day				
13 Zinc Air (days)	12-16	12-16	12-16	12-16
312 Zinc Air (days)	NA	NA	NA	NA
10 Zinc Air (days)	NA	NA	NA	NA