

OTICON | More

Technical data sheet

miniRITE T

60 85 100 105



	More 1	More 2	More 3	
Speech Understanding	MoreSound Intelligence™	Level 1	Level 2	Level 3
	- Environment configuration	5 Options	5 Options	3 Options
	- Virtual Outer Ear	3 Configurations	1 Configuration	1 Configuration
	- Spatial Balancer	100%	60%	60%
	- Neural Noise Suppression, Difficult / Easy	10 dB / 4 dB	6 dB / 2 dB	6 dB / 0 dB
	- Sound Enhancer	3 Configurations	2 Configurations	1 Configuration
	MoreSound Amplifier™	•	•	•
	Feedback Prevention	MoreSound Optimizer™ & Feedback shield	MoreSound Optimizer™ & Feedback shield	MoreSound Optimizer™ & Feedback shield
	Spatial Sound™	4 Estimators	2 Estimators	2 Estimators
	Soft Speech Booster	•	•	•
Frequency lowering	Speech Rescue™	Speech Rescue™	Speech Rescue™	
Sound Quality	Clear Dynamics	•	•	-
	Better-Ear Priority	•	•	-
	Fitting Bandwidth*	10 kHz	8 kHz	8 kHz
	Bass Boost (streaming)	•	•	•
	Processing Channels	64	48	48
Listening Comfort	Transient Noise Management	4 configurations	3 configurations	3 configurations
	Wind Noise Management	•	•	•
Personalisation & Optimising Fitting	Fitting Bands	24	20	18
	Multiple Directionality options	•	•	•
	Adaptation Manager	•	•	•
	Fitting Formulas	VAC+, NAL-NL1/ NAL-NL2, DSL 5.0	VAC+, NAL-NL1/ NAL-NL2, DSL 5.0	VAC+, NAL-NL1/ NAL-NL2, DSL 5.0
Connecting to the world	Stereo streaming (2.4 GHz)	•	•	•
	Oticon ON app & Oticon RemoteCare app	•	•	•
	ConnectClip	•	•	•
	EduMic	•	•	•
	Remote Control 3.0	•	•	•
	TV Adapter 3.0	•	•	•
	Phone Adapter 2.0	-	-	-
	Tinnitus SoundSupport™	•	•	•
CROS / BiCROS support	•	•	•	

*Bandwidth accessible for gain adjustments during fitting

Operating Conditions

Temperature: +1°C to +40°C (34°F to 104°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

Storage and transportation conditions

Temperature and humidity should not exceed the below limits for extended periods during transportation and storage.

Transportation

Temperature: -25°C to +60°C (-13°F to 140°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

Storage

Temperature: -25°C to +60°C (-13°F to 140°F)
Humidity: 5% to 93% relative humidity, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

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For information on compatibility, please visit www.oticon.com.au/connectivity

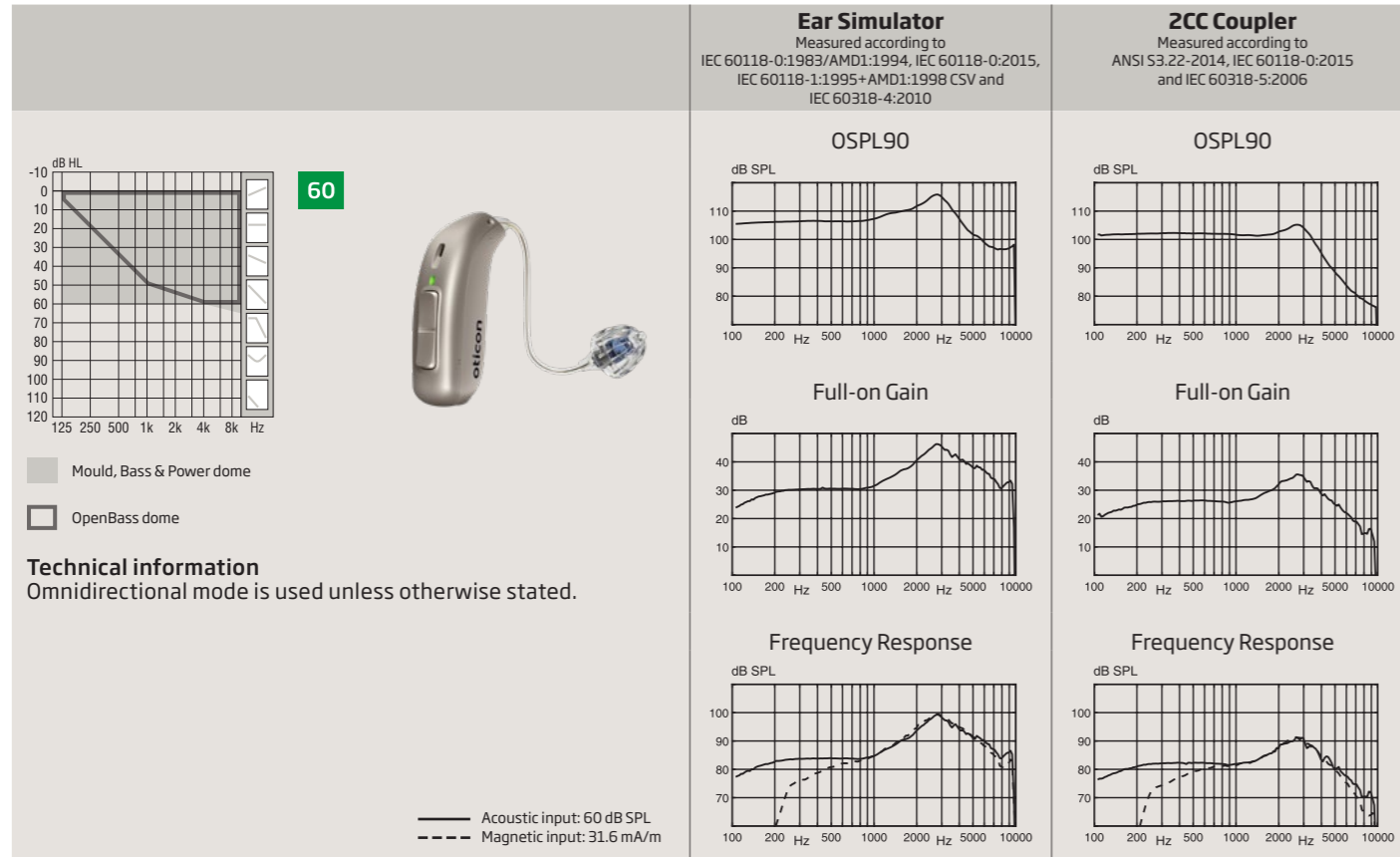
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life-changing technology

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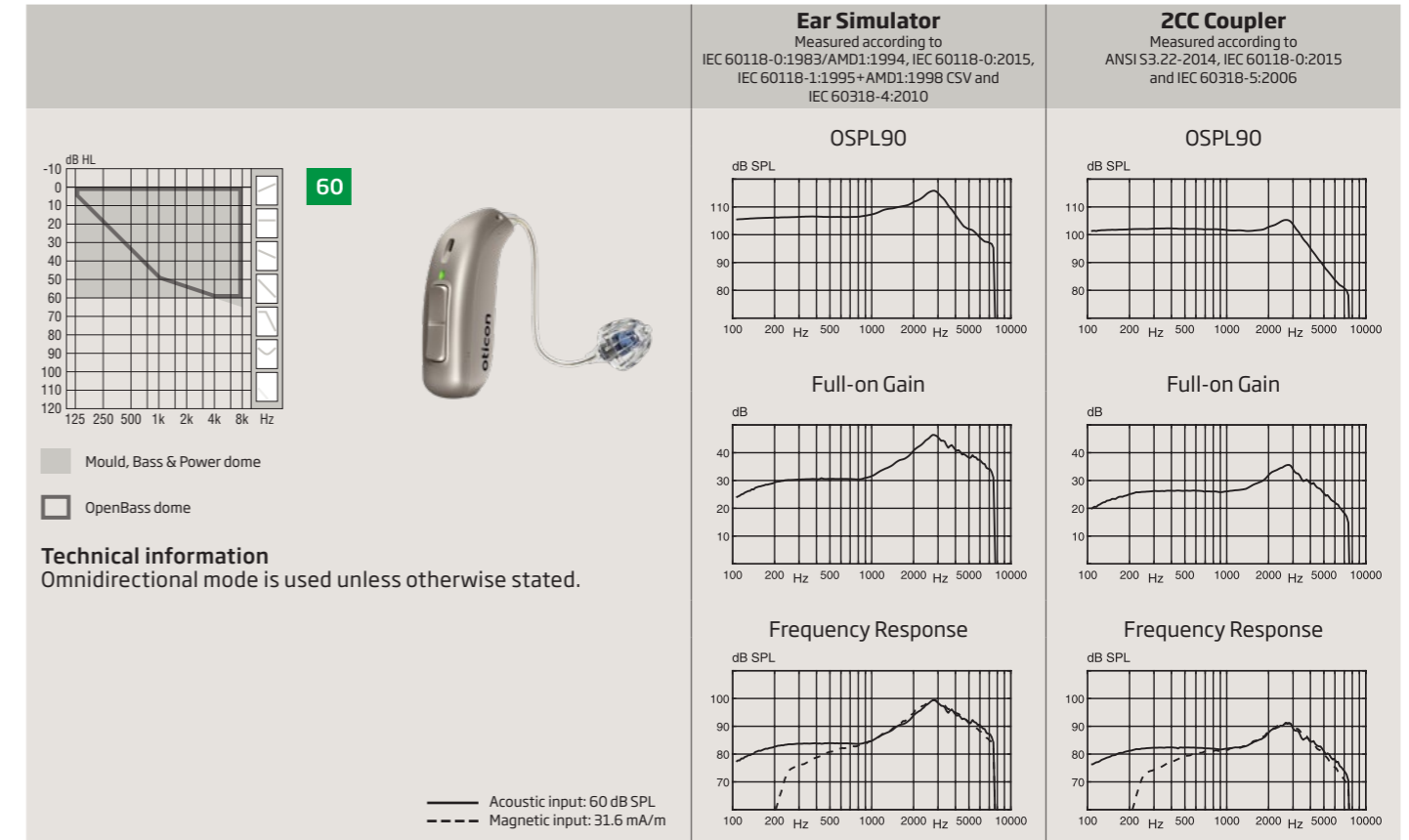
miniRITE T 60

Oticon More 2 & 3

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OSPL90	Peak	116 dB SPL	105 dB SPL
	1600 Hz	110 dB SPL	102 dB SPL
	HFA-OSPL90	111 dB SPL	103 dB SPL
Full-on gain*	Peak	46 dB	36 dB
	1600 Hz	37 dB	29 dB
	HFA-FOG	38 dB	30 dB
Reference test gain		30 dB	26 dB
Frequency range		100-9600 Hz	100-9400 Hz
Telecoil output (1600 Hz)	1 mA/m field	68 dB SPL	-
	10 mA/m field	88 dB SPL	-
	SPLITS L/R	-	85/85 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	<2 %
	800 Hz	<3 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	18 dB SPL	16 dB SPL
	Dir	26 dB SPL	27 dB SPL
Battery consumption	Typical	2.3 mA	2.2 mA
	Quiescent	2.2 mA	2.2 mA
Battery life, artificial measurement, hours		80	80
Expected battery life, hours (battery size 312 - IEC PR41)		55-60	



OSPL90	Peak	116 dB SPL	105 dB SPL
	1600 Hz	110 dB SPL	102 dB SPL
	HFA-OSPL90	111 dB SPL	103 dB SPL
Full-on gain*	Peak	46 dB	36 dB
	1600 Hz	37 dB	29 dB
	HFA-FOG	38 dB	30 dB
Reference test gain		30 dB	26 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field	68 dB SPL	-
	10 mA/m field	88 dB SPL	-
	SPLITS L/R	-	85/85 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	<2 %
	800 Hz	<3 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	18 dB SPL	16 dB SPL
	Dir	26 dB SPL	27 dB SPL
Battery consumption	Typical	2.2 mA	2.2 mA
	Quiescent	2.2 mA	2.2 mA
Battery life, artificial measurement, hours		80	80
Expected battery life, hours (battery size 312 - IEC PR41)		55-60	

* Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

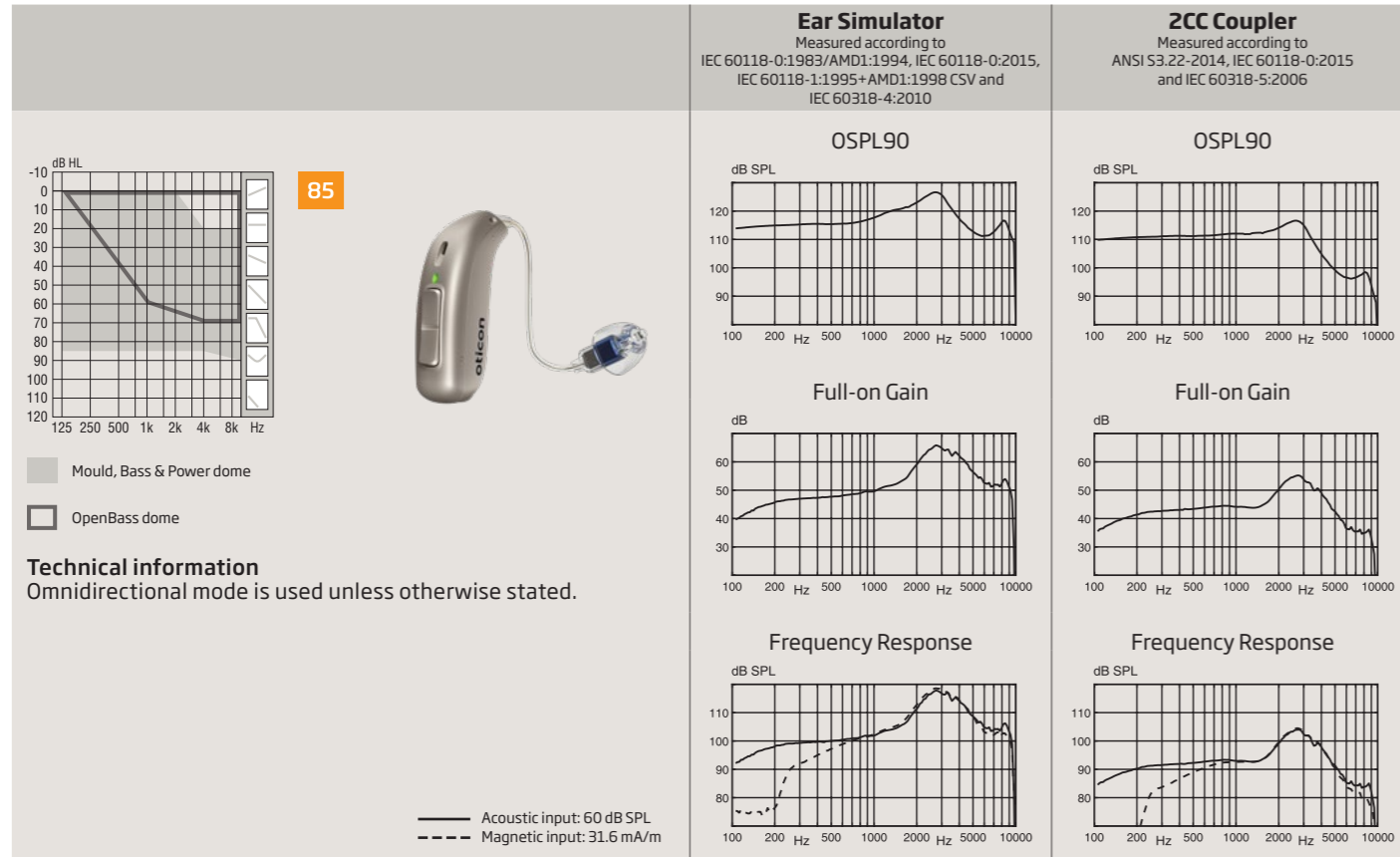
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Oticon More 1

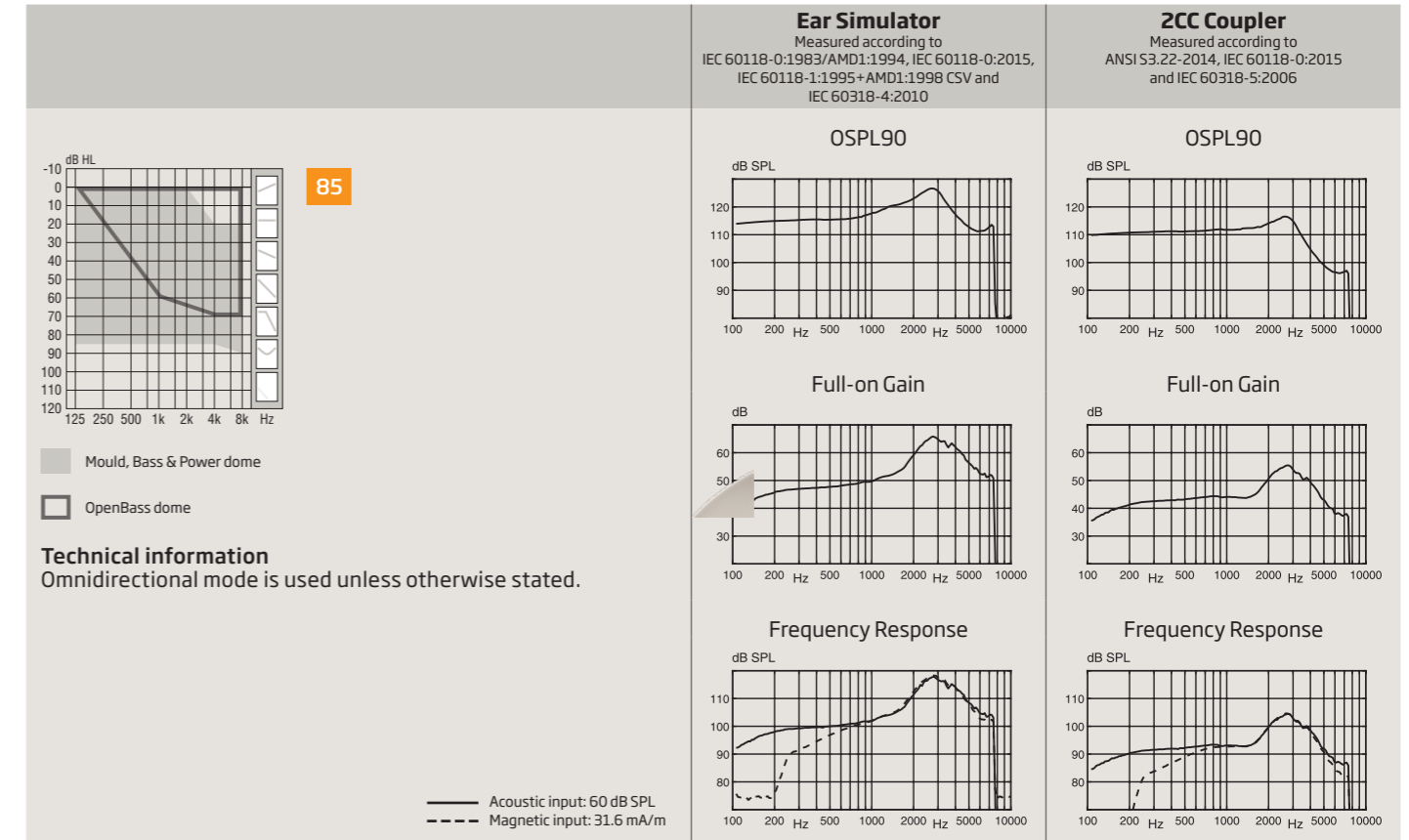
miniRITE T 85

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	Peak	127 dB SPL	117 dB SPL
OSPL90	1600 Hz	121 dB SPL	113 dB SPL
	HFA-OSPL90	122 dB SPL	114 dB SPL
Full-on gain*	Peak	66 dB	55 dB
	1600 Hz	53 dB	45 dB
	HFA-FOG	56 dB	48 dB
Reference test gain		46 dB	37 dB
Frequency range		100-9500 Hz	100-8900 Hz
Telecoil output (1600 Hz)	1 mA/m field	84 dB SPL	-
	10 mA/m field	104 dB SPL	-
	SPLITS L/R	-	96/96 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	<2 %
	800 Hz	<4 %	<2 %
	1600 Hz	<5 %	<2 %
Equivalent input noise level	Omni	21 dB SPL	17 dB SPL
	Dir	29 dB SPL	27 dB SPL
Battery consumption	Typical	2.4 mA	2.4 mA
	Quiescent	2.2 mA	2.2 mA
Battery life, artificial measurement, hours		75	75
Expected battery life, hours (battery size 312 - IEC PR41)		50-60	



	Peak	127 dB SPL	117 dB SPL
OSPL90	1600 Hz	121 dB SPL	113 dB SPL
	HFA-OSPL90	122 dB SPL	114 dB SPL
Full-on gain*	Peak	66 dB	55 dB
	1600 Hz	53 dB	45 dB
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Reference test gain		46 dB	37 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field	84 dB SPL	-
	10 mA/m field	104 dB SPL	-
	SPLITS L/R	-	96/96 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<2 %	<2 %
	800 Hz	<4 %	<2 %
	1600 Hz	<5 %	<2 %
Equivalent input noise level	Omni	21 dB SPL	17 dB SPL
	Dir	28 dB SPL	27 dB SPL
Battery consumption	Typical	2.3 mA	2.4 mA
	Quiescent	2.2 mA	2.2 mA
Battery life, artificial measurement, hours		75	75
Expected battery life, hours (battery size 312 - IEC PR41)		50-60	

* Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

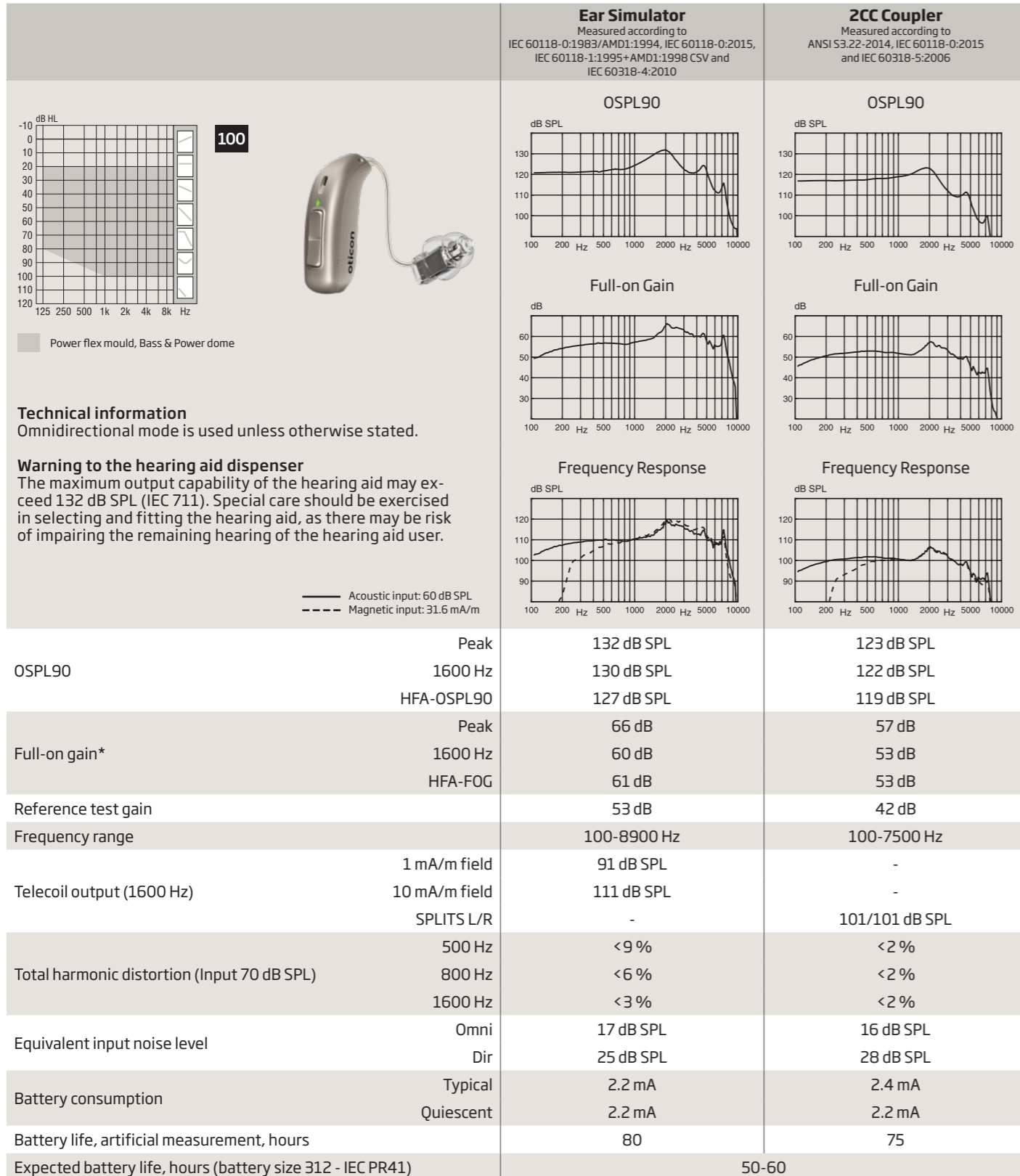
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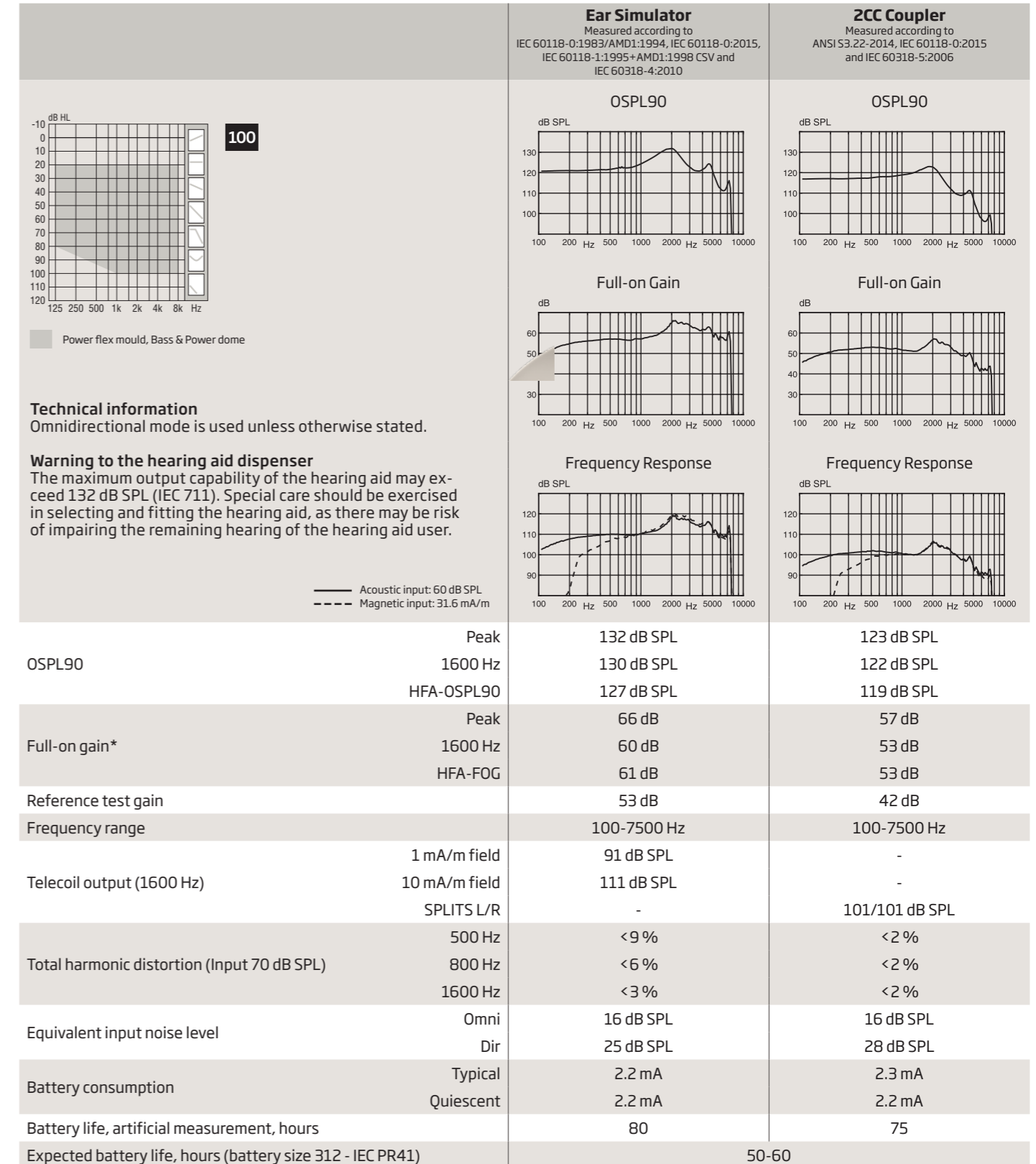
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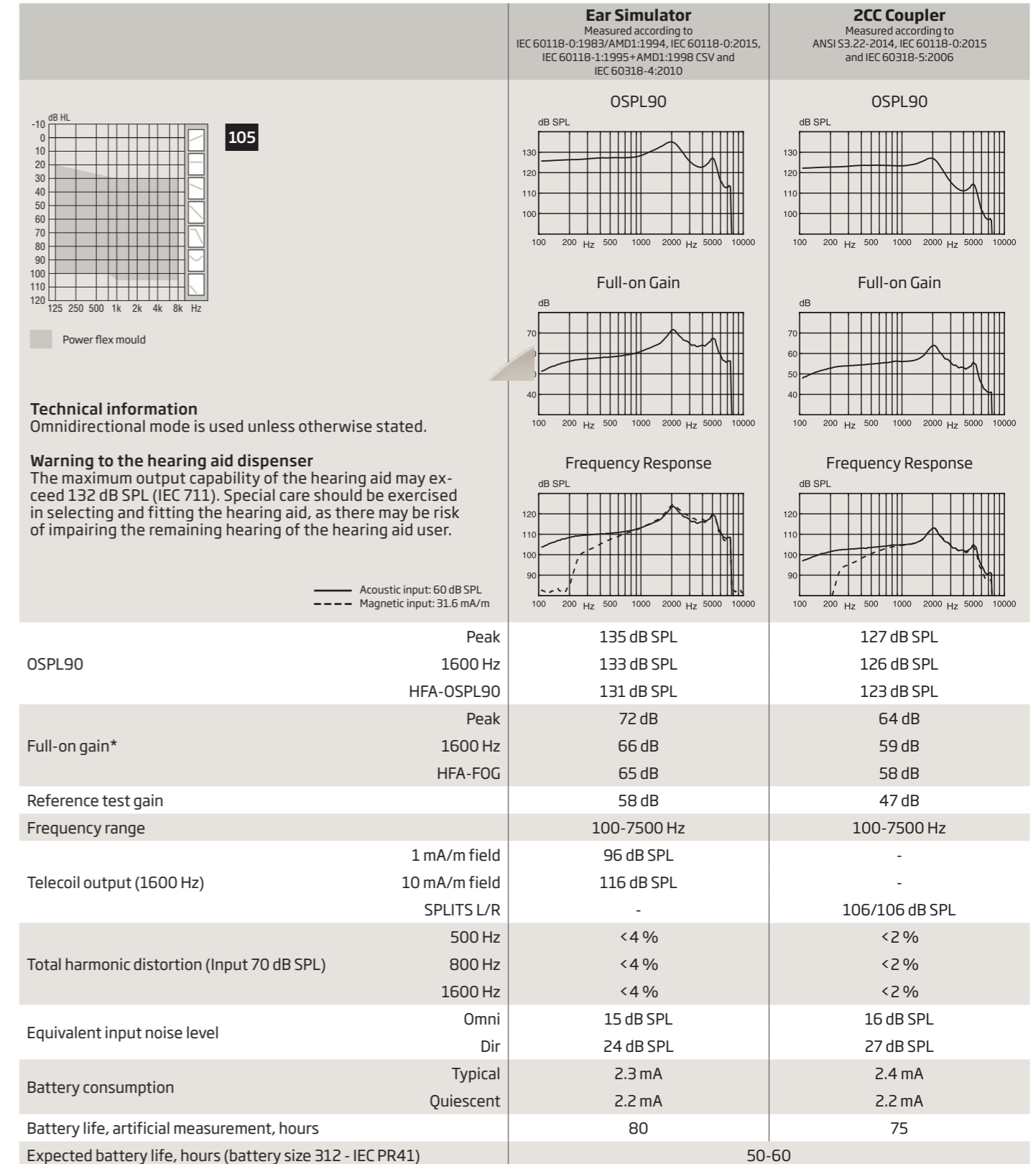
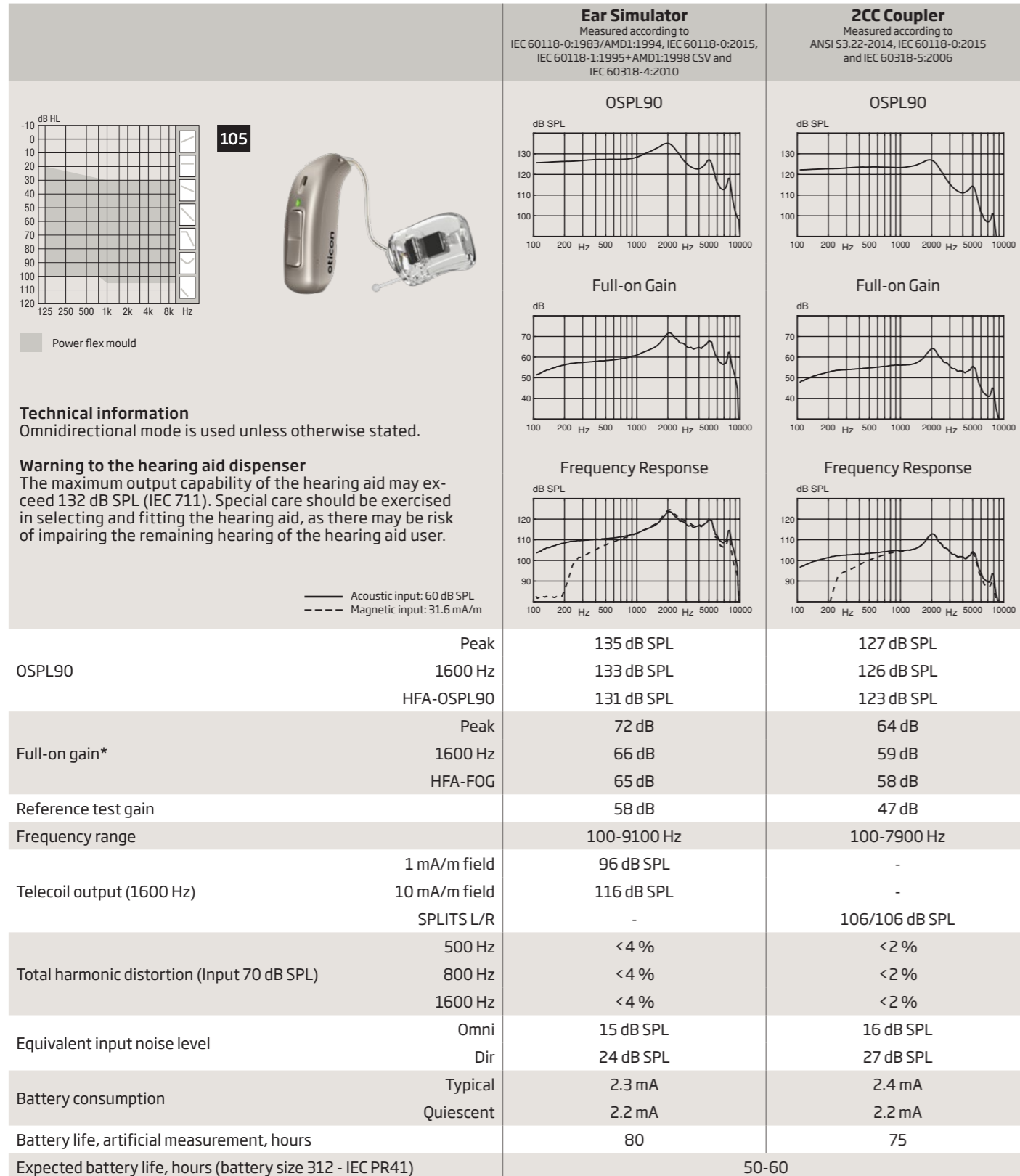
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* Measured with the gain control of the hearing aids set to their full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0:1983+A1:1994 but without influence of feedback.

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