Supplemental Material S2. Regression coefficients for the linear mixed model that assessed the benefit of adding acoustic low-frequency information to default maps with spectrally shifted information and place-based maps. Data from the following conditions were included: CI-default$_{EAS}$ (250–8500 Hz), EAS-default (250–8500 Hz), CI-place (550–8500 Hz), and EAS-place (550–8500 Hz). The comparisons were to the CI-alone device, 5 dB SNR clinical level, and the default mapping procedure. *SE* = standard error.

	Coefficient	***SE***	***t***	***p***
Device	0.57	0.28	2.00	.048
Mapping procedure	1.63	0.29	5.65	< .001
Level, 10 dB SNR	1.45	0.22	6.71	< .001
Level, asymptote	2.43	0.22	11.26	< .001
Device × Mapping procedure	–0.33	0.43	–0.76	.450
Device × Level, 10 dB SNR	–0.05	0.37	–0.14	.889
Device × Level, asymptote	–0.06	0.37	–0.16	.871
Mapping procedure × Level, 10 dB SNR	–0.09	0.37	–0.25	.801
Mapping procedure × Level, asymptote	0.99	0.37	2.66	.009
Device × Mapping procedure × Level, 10 dB SNR	–0.02	0.57	–0.03	.978
Device × Mapping procedure × Level, asymptote	0.36	0.57	0.63	.530