

Erratum

JARO: Volume 4, Number 4, December 2003, pp 451–554 (DOI: 10.1007/s10162-002-3058-y)

The paper by A.J. Oxenham and C.A. Shera “Estimates of Human Cochlear Tuning at Low Levels Using Forward and Simultaneous Masking” that ap-

peared in JARO, 4:541–544 (2003) DOI 10.1007/s10162-002-3058-y contains an error in Table 1 on page 549. This error occurred in the final stages of production. The correct table is below.

TABLE 1

Model parameters derived from the mean forward-masking data. Parameters are given for the roex (p,w,t) and roex (p,w,t,p) models. The filter parameters are described in Eqs. 3 and 4; K is the detector efficiency, or signal-to-noise ratio at the output of the filter; and ERB is the equivalent rectangular bandwidth of the filter

Frequency (Hz)	roex (p,w,t)						roex (p,w,t,p)					
	p_l	p_u	t	$10 \log(w)$	K	ERB	p_l	p_u	t	$10 \log(w)$	K	ERB
1000	37.5	43.8	5.86	-36.8	12.7	99.2	39.8	39.9	4.60	-31.0	12.6	100
2000	56.1	61.6	4.01	-31.0	10.8	137	68.9	47.9	4.98	-30.7	10.9	142
4000	50.3	108	3.37	-25.6	6.88	235	59.9	59.0	3.84	-23.7	6.18	271
6000	56.1	106	4.79	-34.7	6.96	328	65.3	60.3	5.06	-32.3	6.49	383
8000	51.4	146*	5.74	-40.1	2.97	421	51.0	181*	6.12	-41.2	3.14	402

*Such large values should not be taken literally. As discussed by Glasberg and Moore (1990), if one slope is steeper than the other by more than a factor of two, the steeper slope is generally poorly defined.