$$v = \frac{c}{\sqrt{K_{\mathrm{M}} K}} = \frac{c}{n}$$

Water

	Frequency (Hz)		
	0	10^8	$5{\times}10^{14}$
K_{M}	~ 1	~ 1	~ 1
K	~ 79	~ 78	~ 1.77
n	~ 8.9	~ 8.8	~ 1.33
v	$\frac{c}{8.9}$	$\frac{c}{8.8}$	$\frac{c}{1.33}$