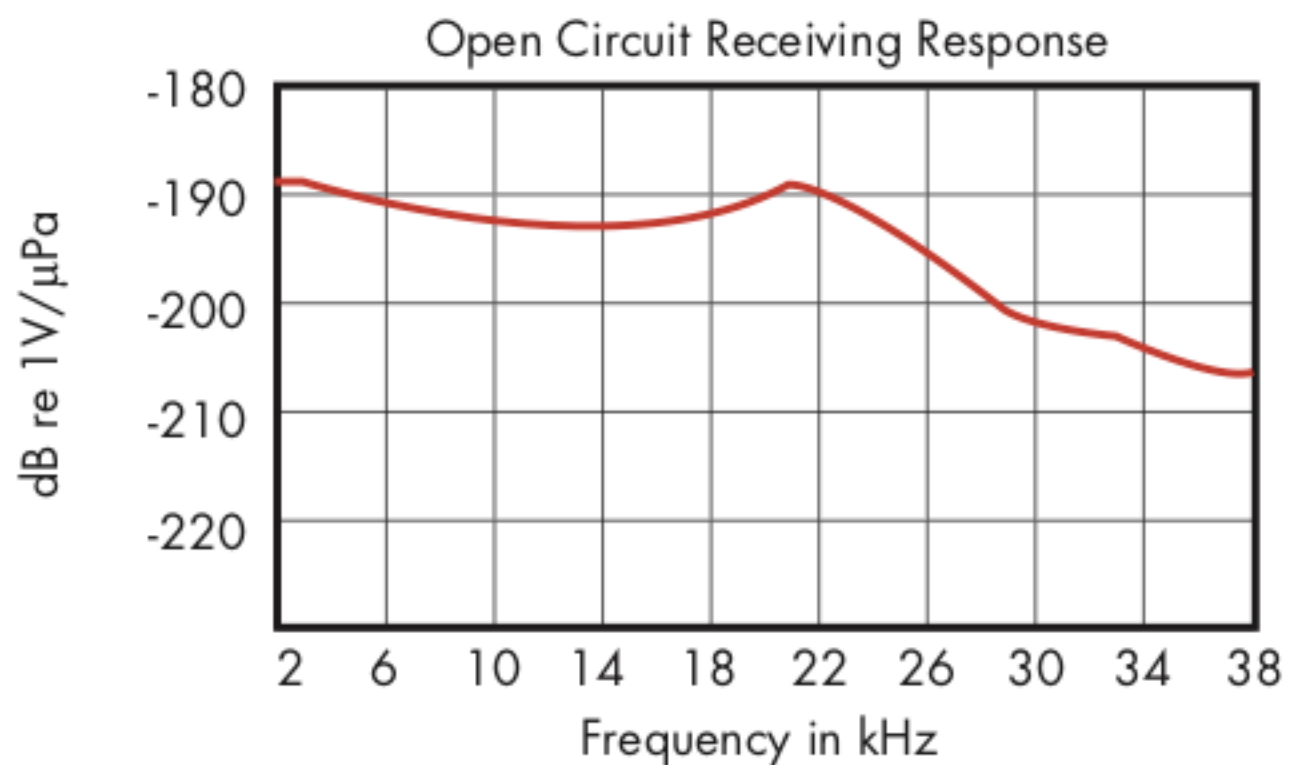
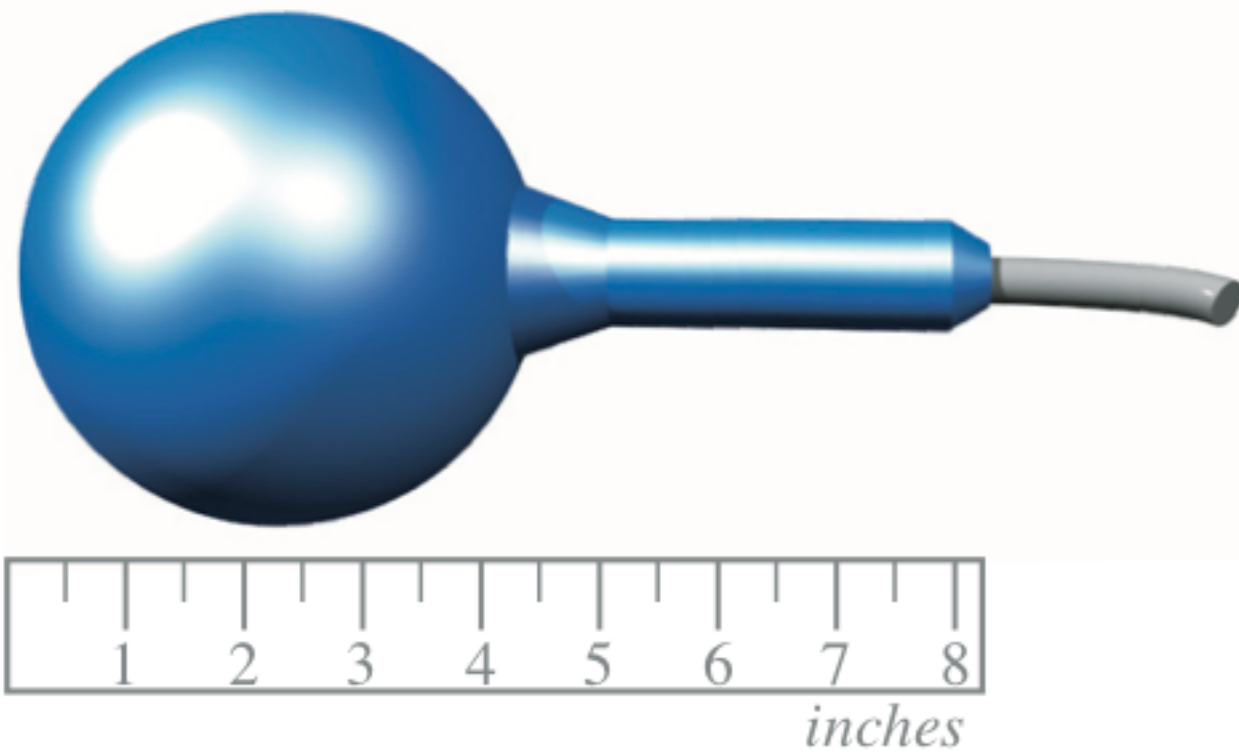


Model ITC-1001

Spherical Omnidirectional Transducer

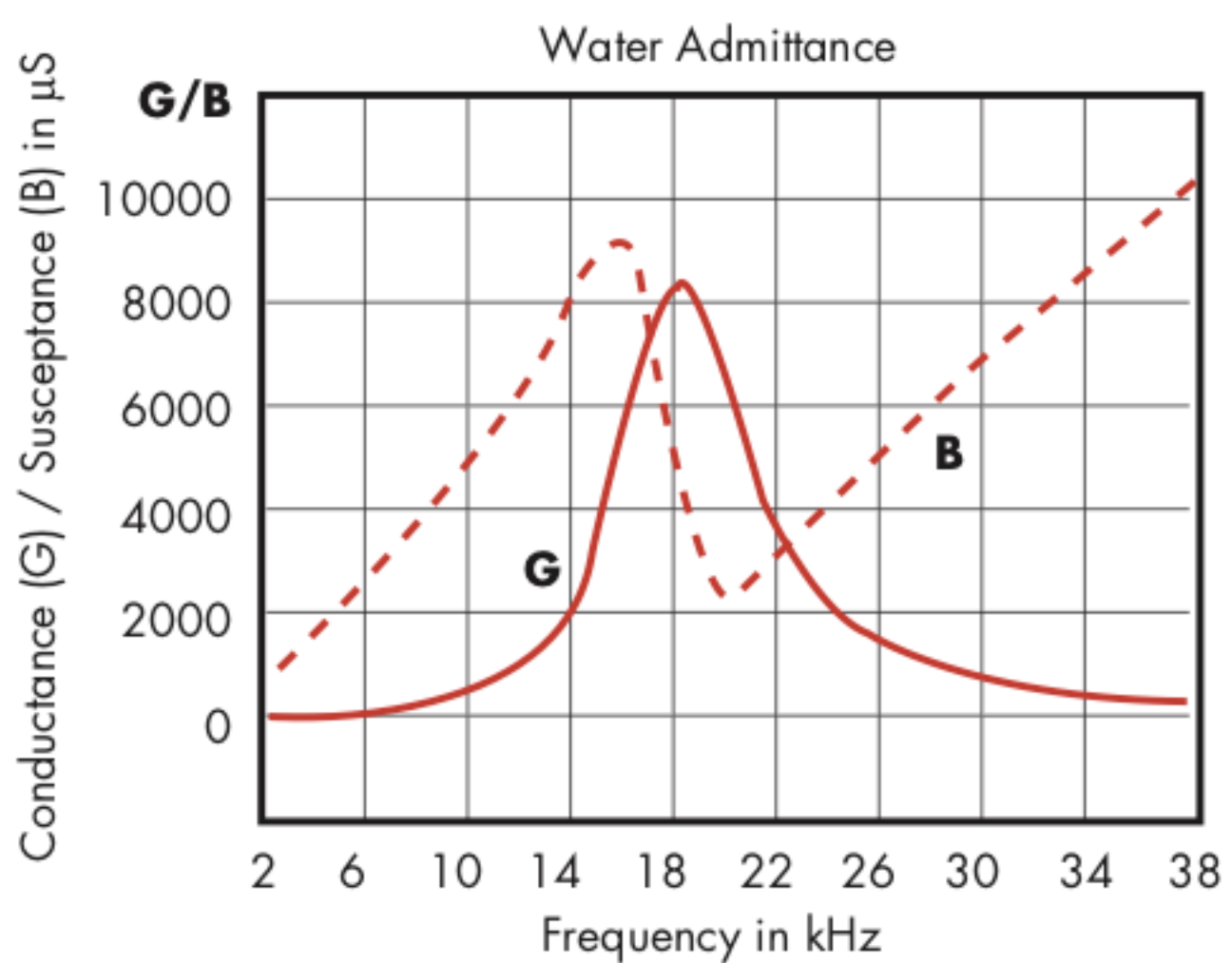
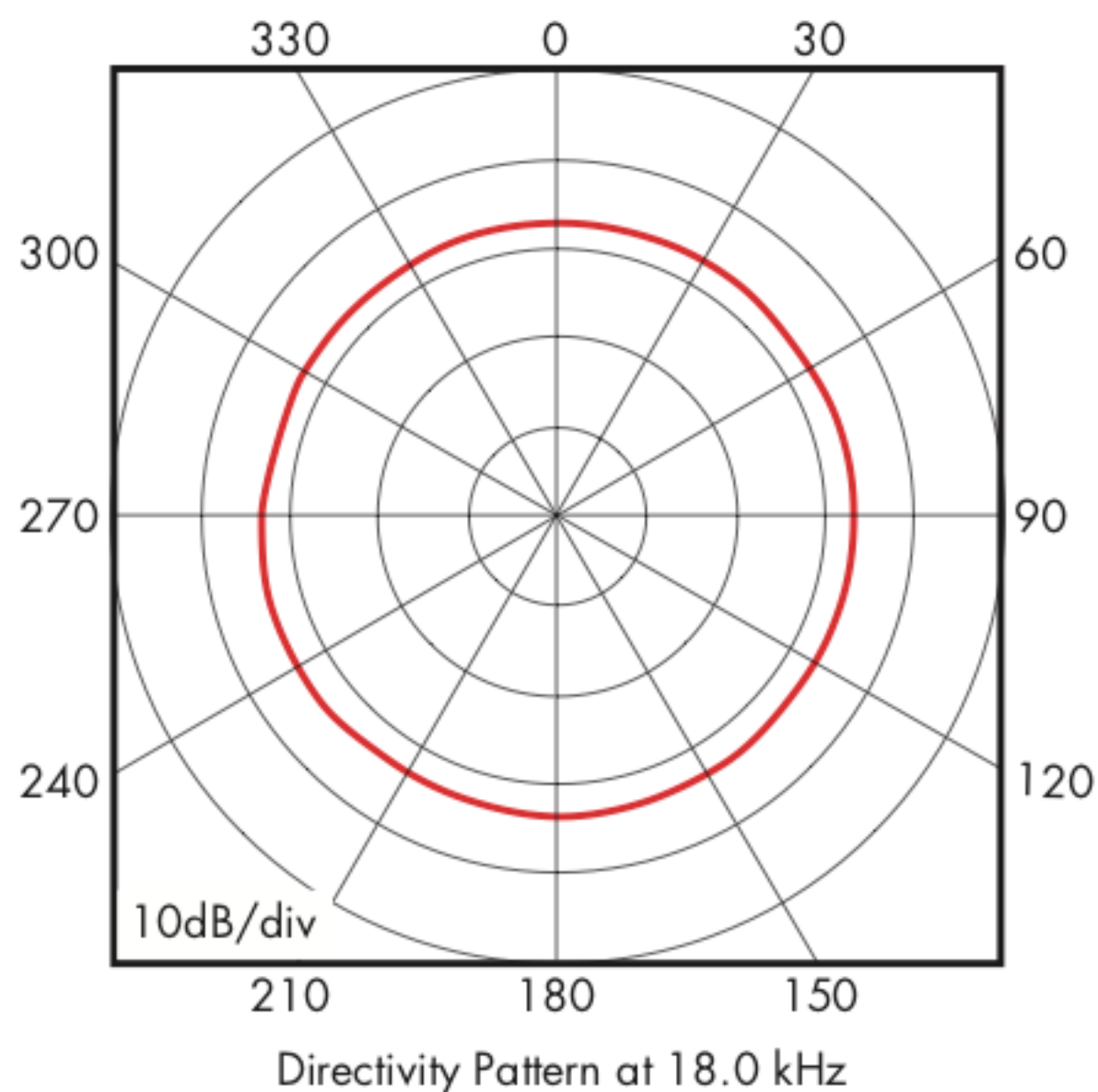
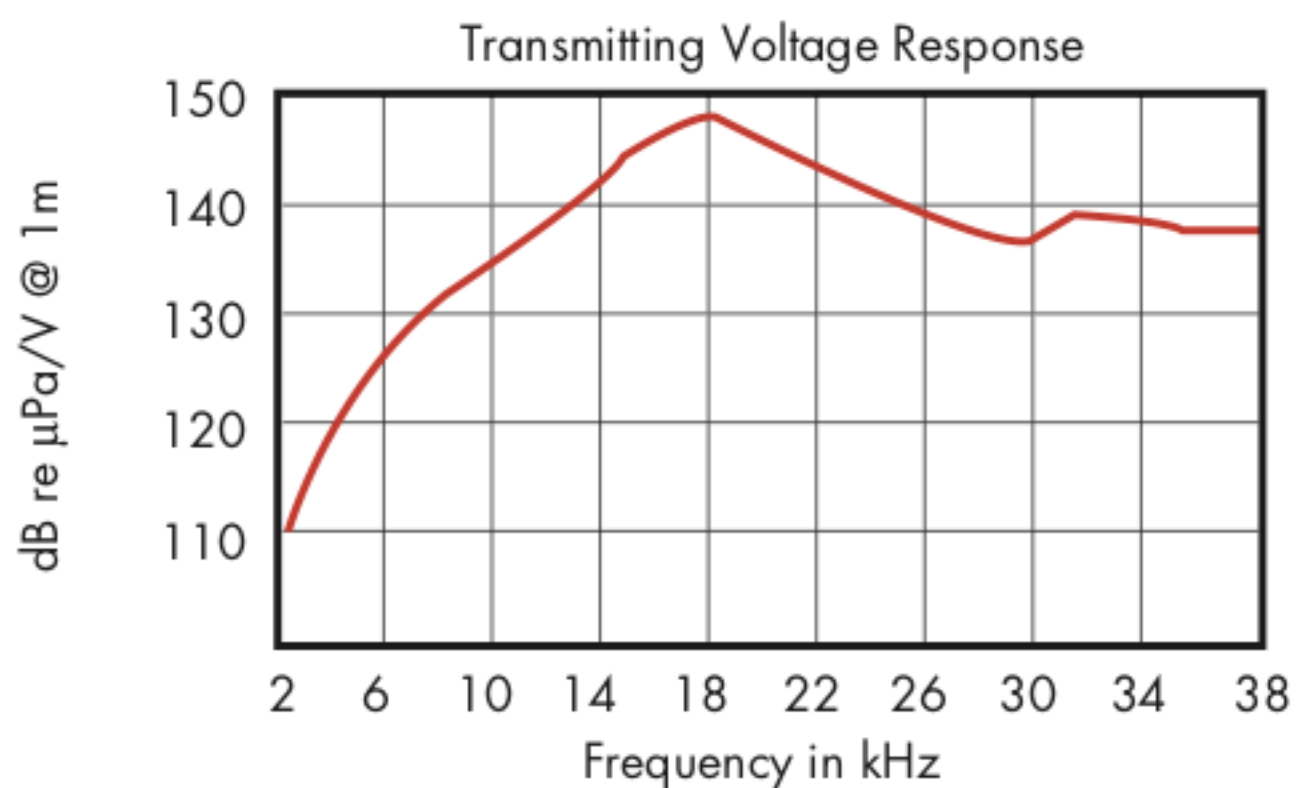
Model ITC-1001

The Model ITC-1001 spherical transducer offers a broad band omnidirectional transmitting and receiving response with efficiencies greater than 50% over the entire band. This transducer is fabricated of high precision Channelite-5400 lead zirconate titanate ceramic hemispheres. The Model ITC-1001 is particularly well suited for high power noise sources and applications where a truly omnidirectional response is required.



Specifications (Nominal)

Type	Projector/Hydrophone
Resonance Frequency f_r	16.5 kHz
Depth	1250 meters
Envelope Dimensions (in.)	4.25D
TVR at f_r	149 dB//μPa/V@1m
Midband OCV	-191 dB//1V/μPa
Suggested Band	.01 - 25 kHz
Beam Type	Spherical
Input Power	2,000 watts



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