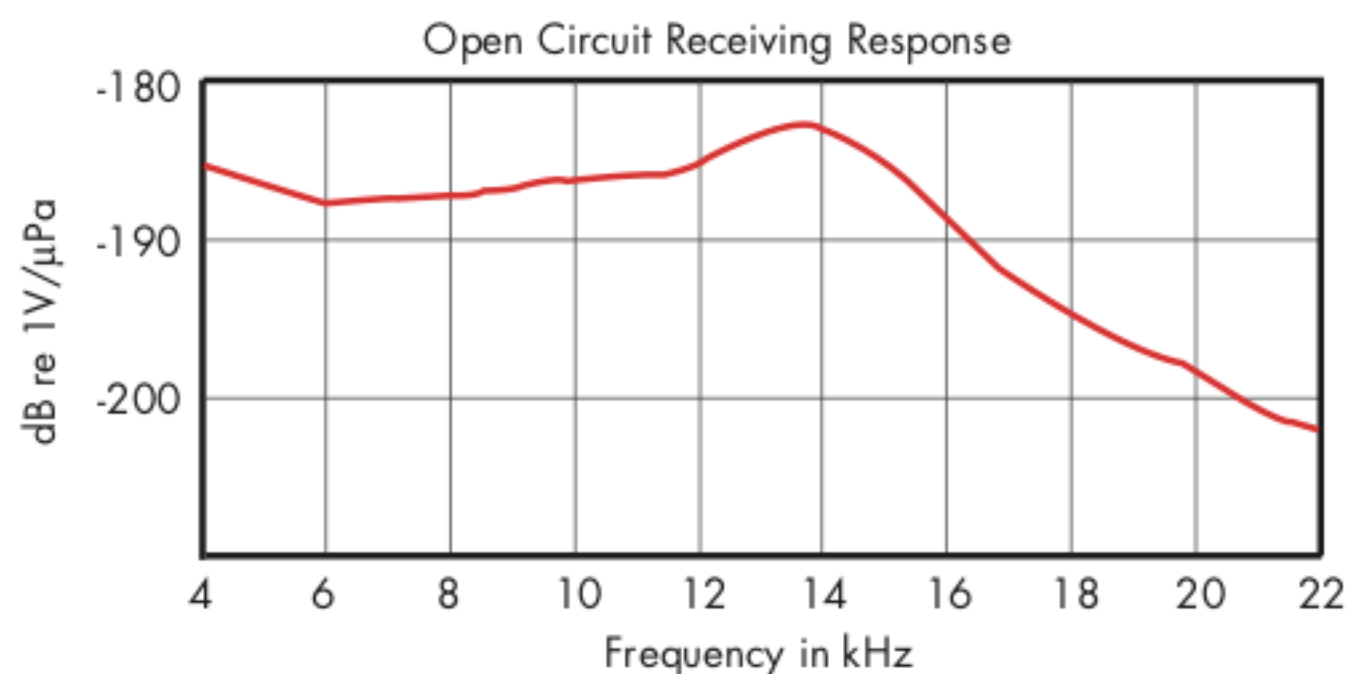
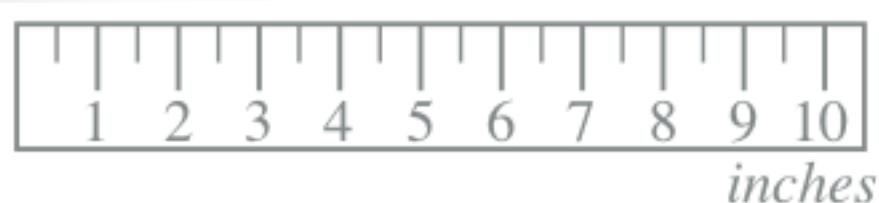


Model ITC-1007

Deep Water Omnidirectional Transducer

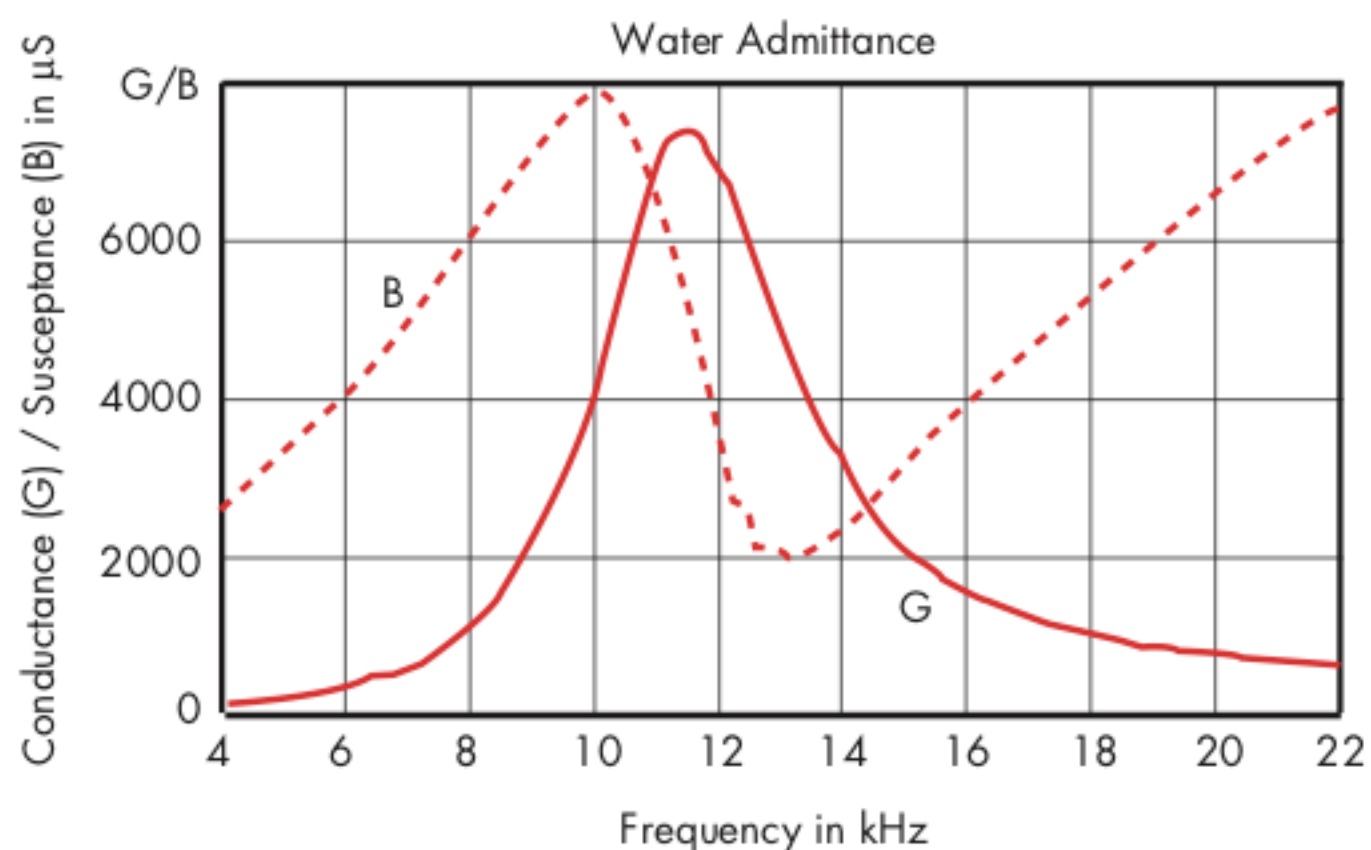
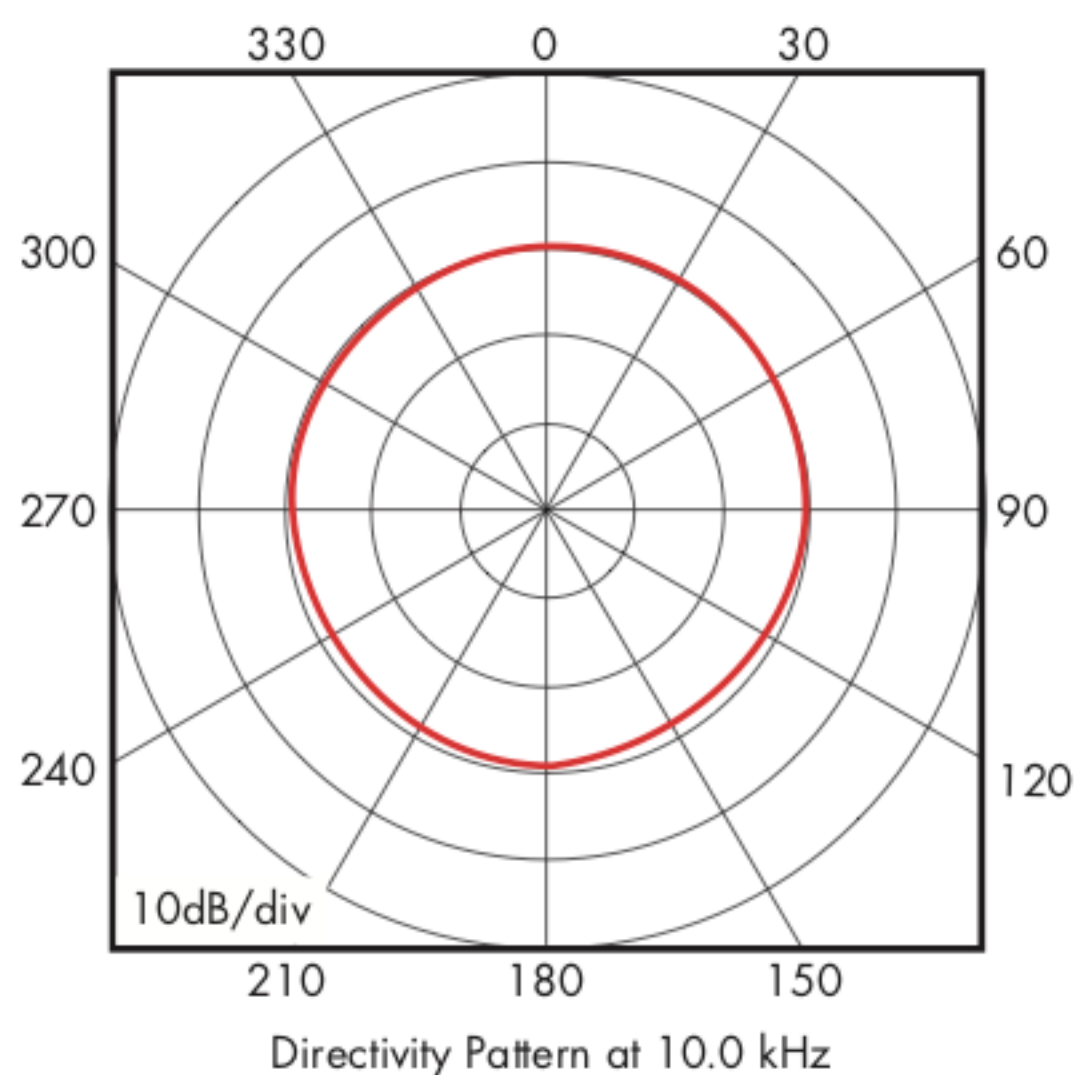
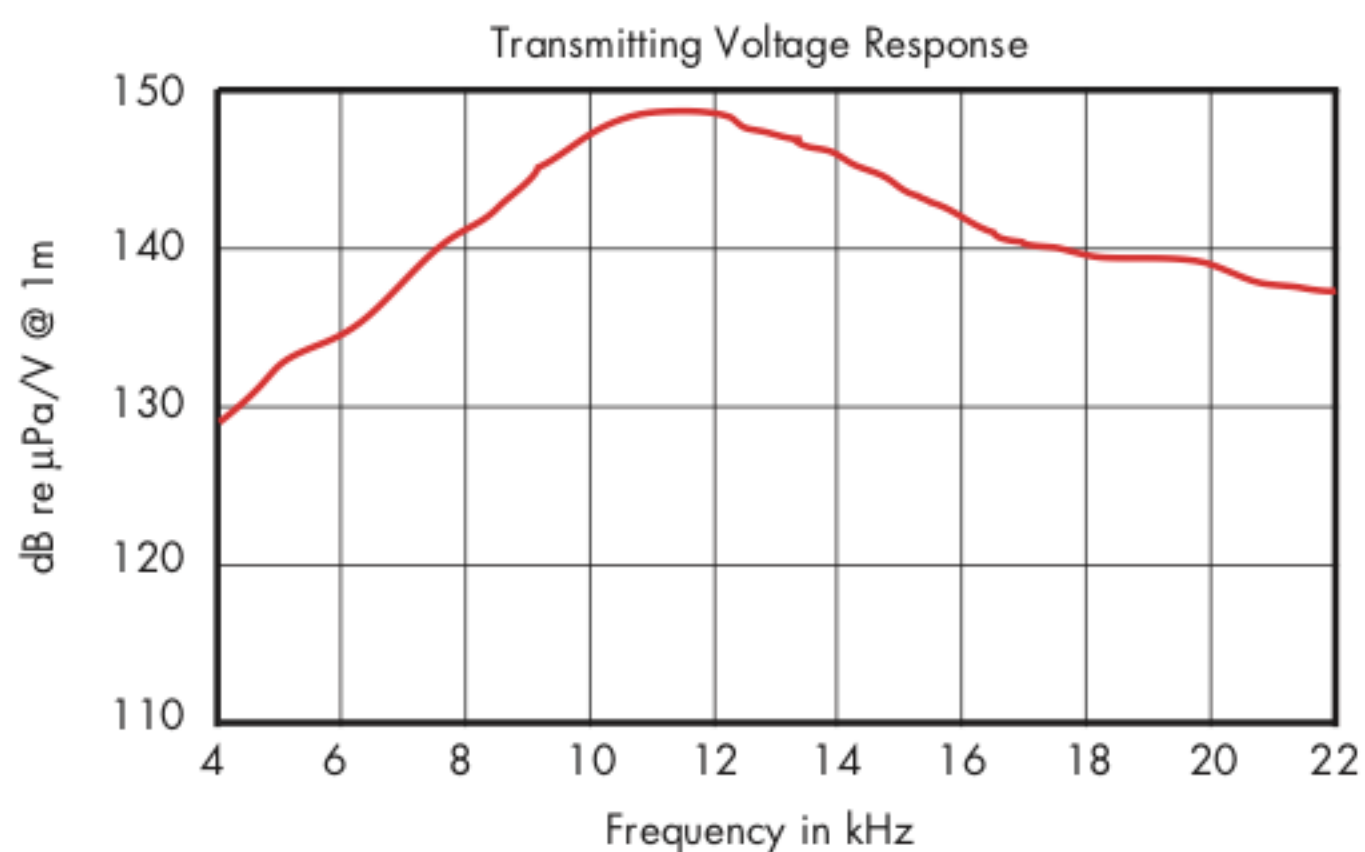
Model ITC-1007

The Model ITC-1007 spherical transducer offers a broadband, omnidirectional transmitting and receiving response with efficiencies greater than 50% over the entire band. This transducer is fabricated of high precision Channelite-5400 and zirconate titanate ceramic hemispheres. It 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	11.5 kHz
Depth	1250 meters
Envelope Dimensions (in.)	6.5D
TVR at f_r	149 dB//μPa/V@1m
Midband OCV	-188 dB//1V/μPa
Suggested Band	.01 – 20 kHz
Beam Type	Spherical
Input Power	10,000 watts



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