

# Model ITC-1094A

## Deep Water Omnidirectional Transducer

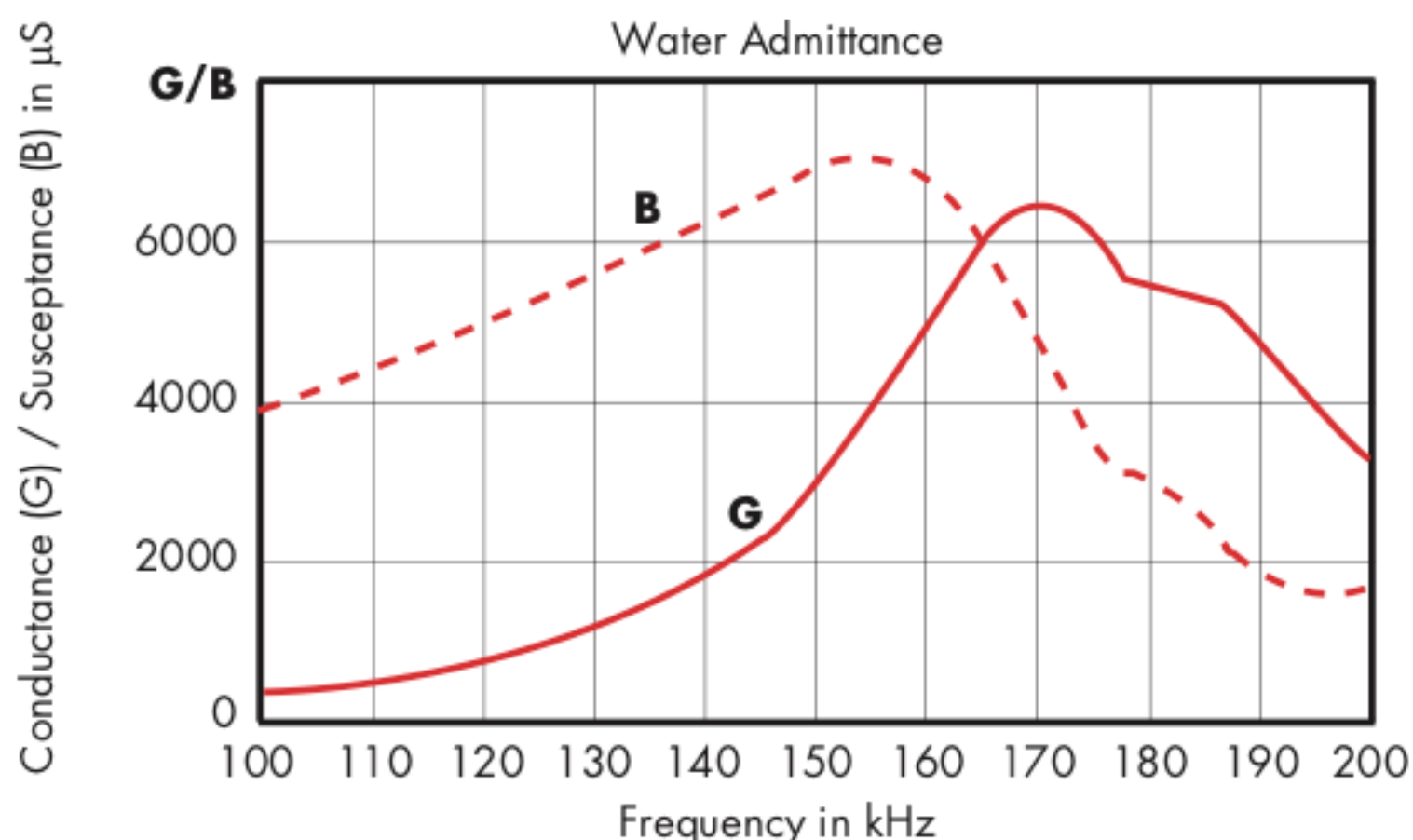
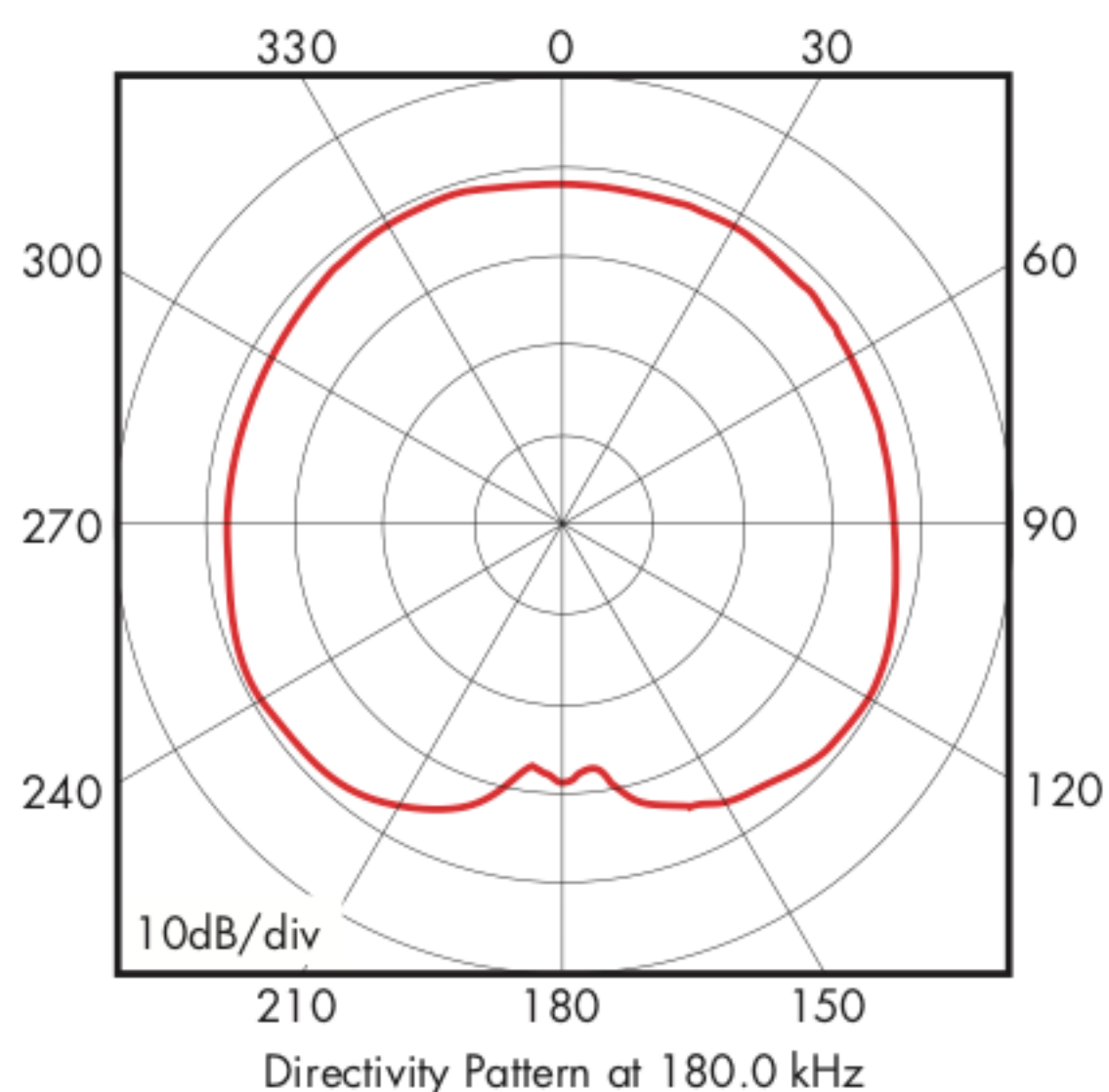
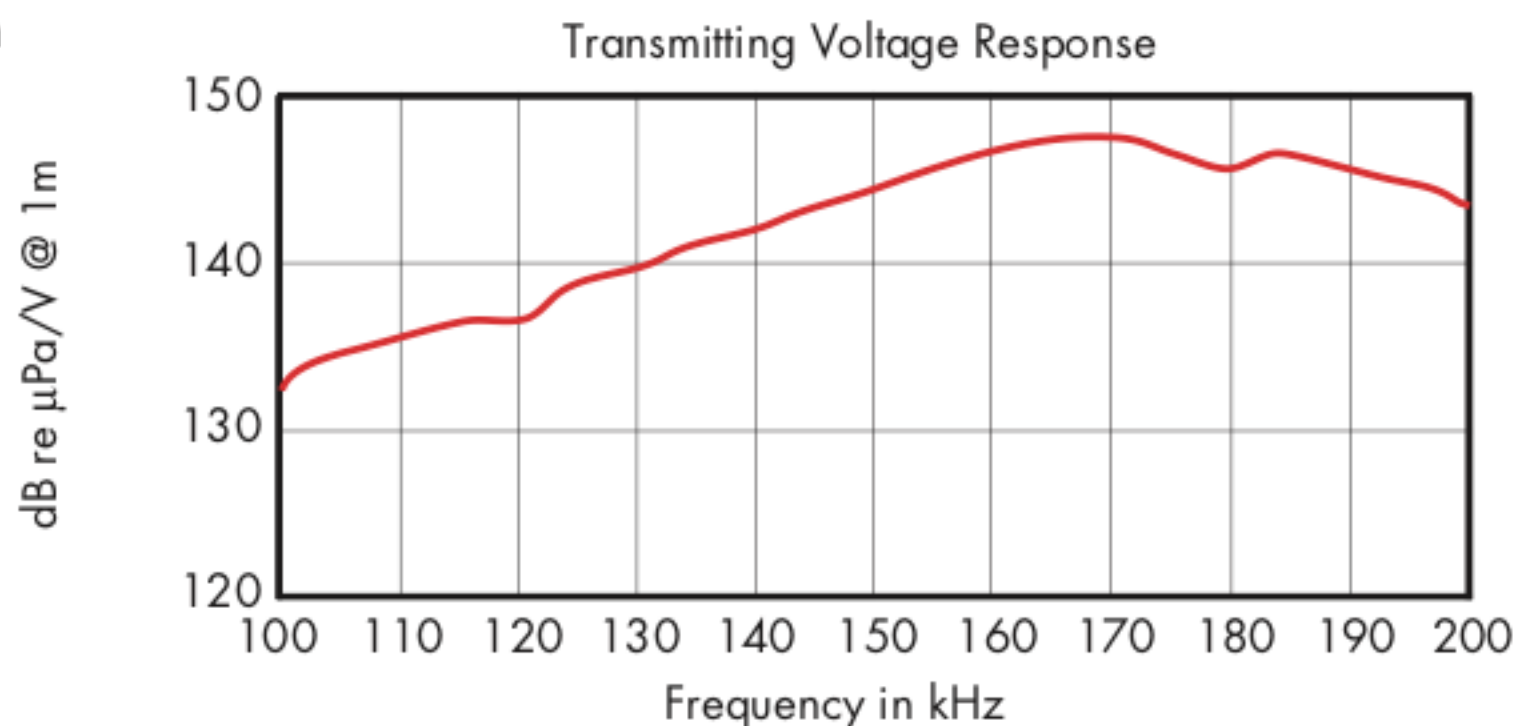
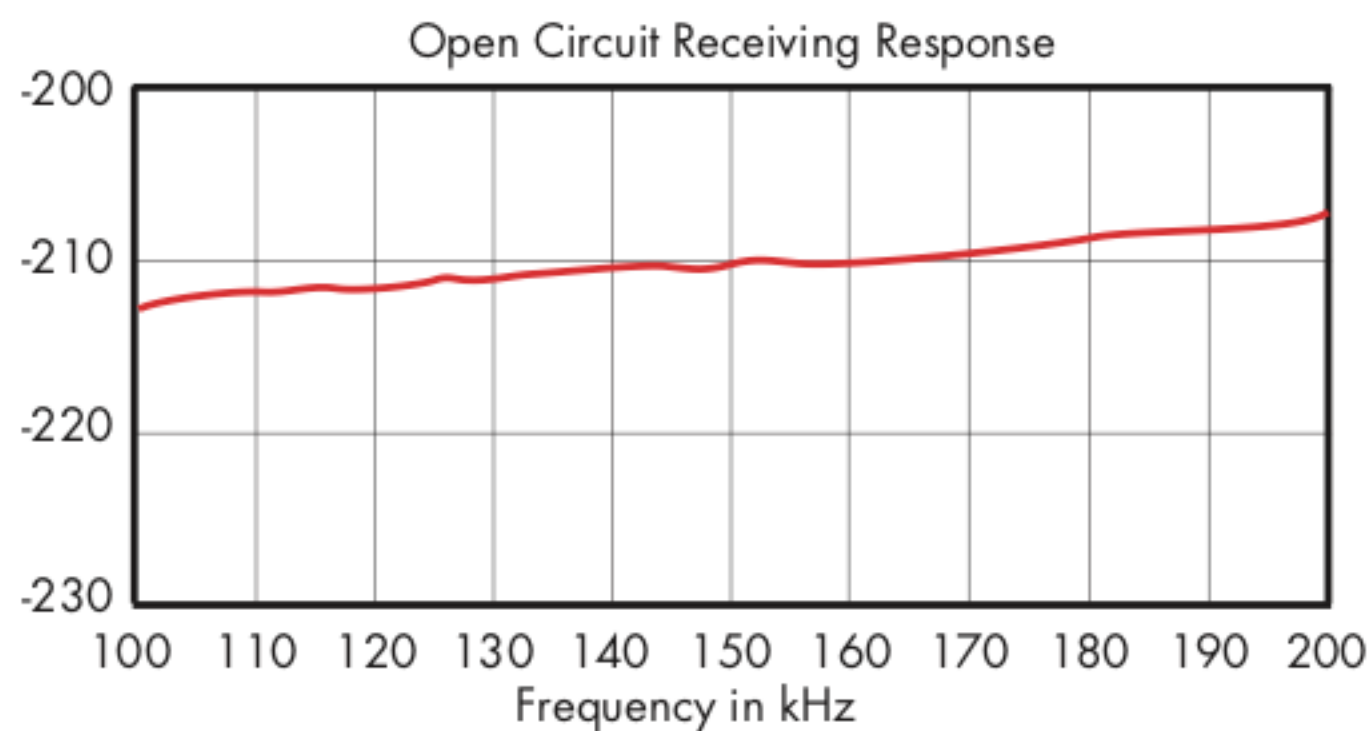
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The **Model ITC-1094A** spherical transducer offers broadband omnidirectional transmitting and receiving response with efficiencies of over 50%. This transducer is fabricated of Channelite-5400 lead zirconate titanate ceramic and is particularly well suited for noise sources as a broadband hydrophone and applications where an omnidirectional response is required.



### Specifications (Nominal)

<b>Resonance Frequency <math>f_r</math></b>	169 kHz
<b>Depth</b>	2000 meters
<b>Envelope Dimensions (in.)</b>	68D
<b>TVR at <math>f_r</math></b>	148 dB// $\mu$ Pa/V@1m
<b>Beam Type</b>	Spherical
<b>Input Power</b>	33 watts
<b>Suggested Band</b>	.01 - 100 kHz
<b>Beam Type</b>	Spherical
<b>Input Power</b>	100 watts



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