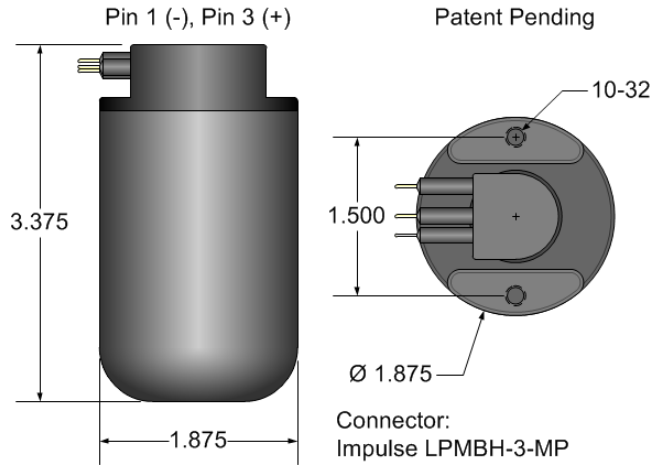


Model BT-25L5

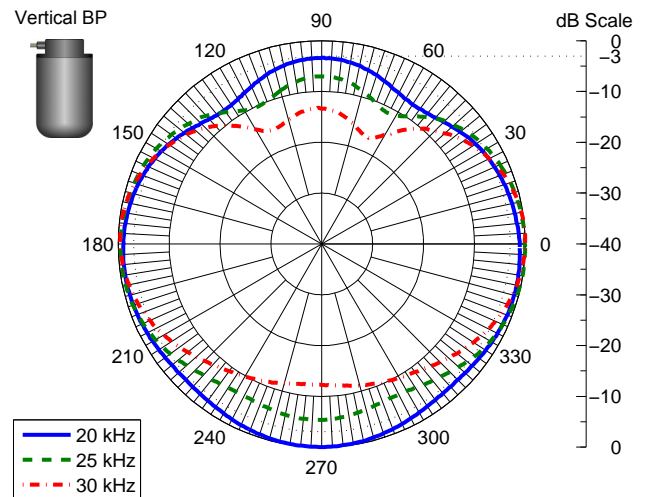
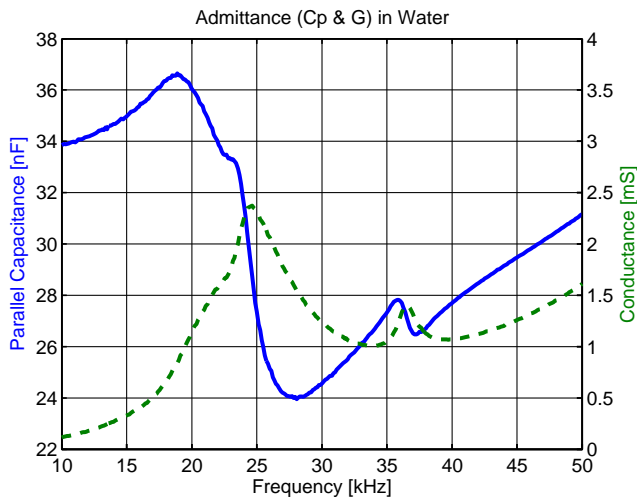
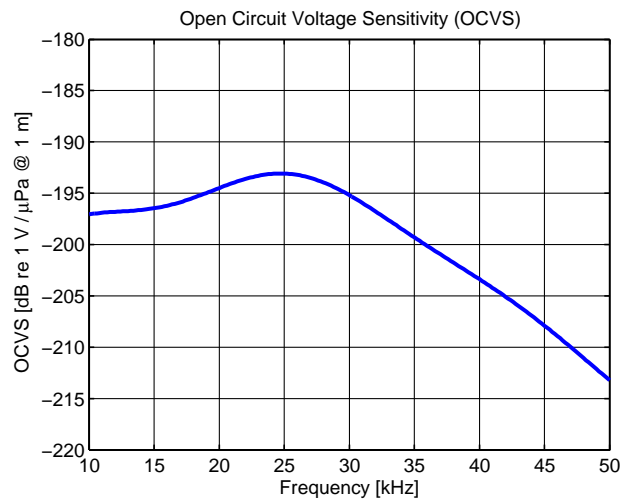
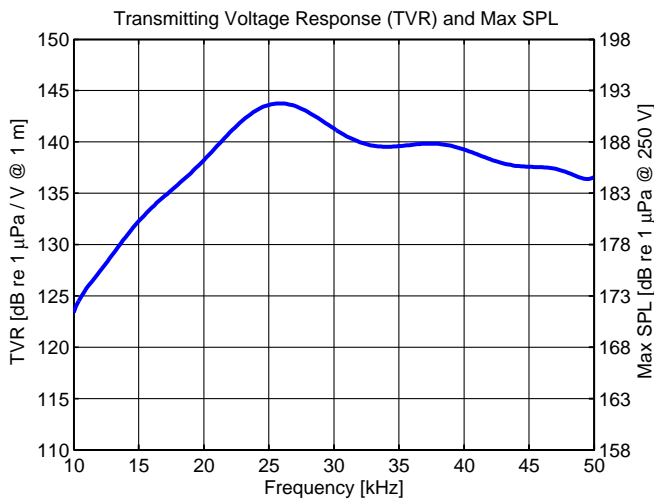
BTech's Model BT-25L5 has a lower resonance frequency (using Navy Type VI) and a broader bandwidth in the same form factor as the BT-2RCL, intended for acoustic communications (ACOMms).

Specifications (Nominal):

- Resonance Frequency (f_r): 25 kHz
- Coupling Coefficient (k_{eff}): 0.36
- TVR at f_r : 144 dB re 1 μ Pa/V
- SPL (max) at f_r (@ 1 m): 192 dB re 1 μ Pa
- OCVS at f_r : -193 dB re 1 V/ μ Pa
- Horizontal Beam Pattern: Omnidirectional
- Vertical Beam Pattern: Toroidal
- Depth (max): 500 m
- Voltage (max): 250 Vrms
- Weight (in air, in water): 232 g (a), 83 g (w)

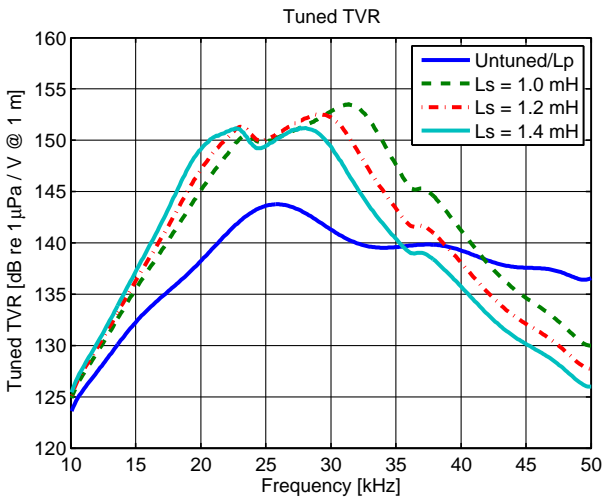
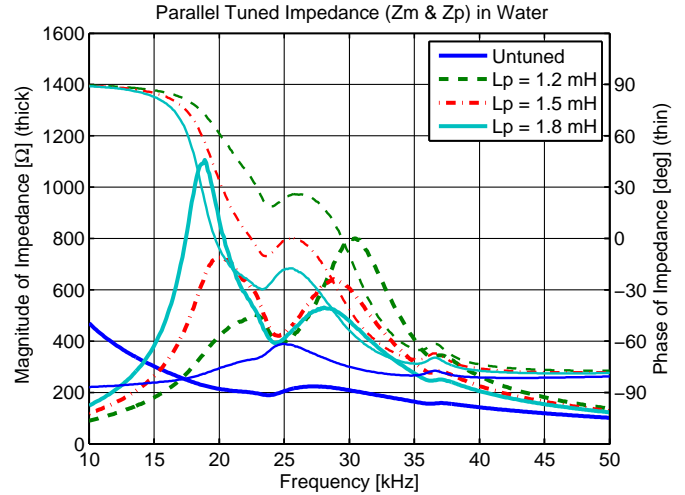
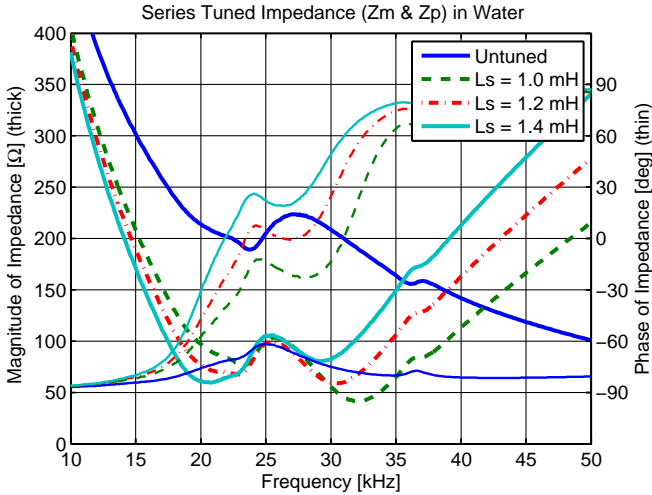
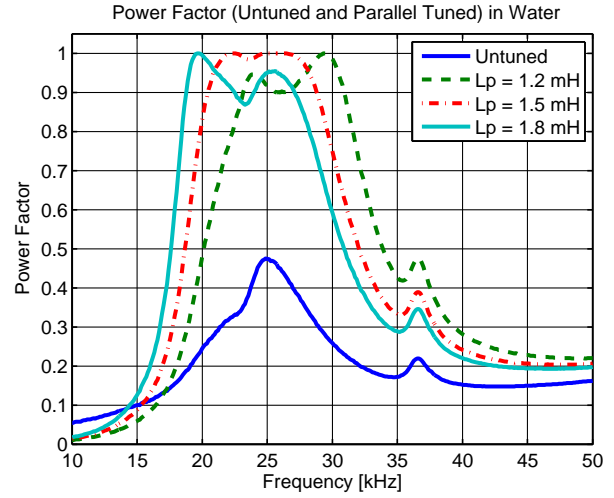
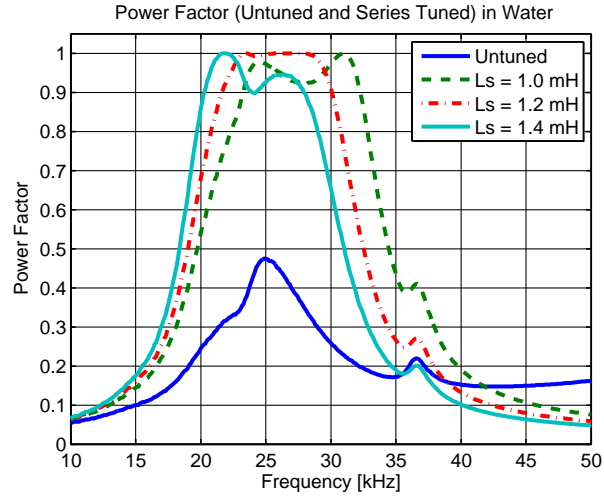


Performance Curves (Nominal):



Model BT-25L5

Tuned Performance Curves (Nominal):



Tuning and Matching is required for highly effective power delivery to the transducer. The impact on system performance for several values of series and parallel inductive tuning elements are provided.

BTech has extensive modeling capabilities to optimize any system configuration for greater bandwidth and efficiency.

Contact us for customizable features, such as connector style, increased depth rating, and more...