New Generation Medium Frequency Transducer MST-03

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While the number of submarines is increasing all over the world, these platforms and their weapon systems are becoming more silent due to technological development.

Increasing the detection distance of the Hull-Mounted Sonar Systems is one of the most critical issues today because it is getting more difficult to detect and perceive the threat of submarine platforms.

Features

MST-03 is designed for the surveillance of the underwater environment to automatically detect and track underwater targets such as submarines, mines, UUV/AUV's and torpedoes.

- Low-Medium Frequency Active
- Anti Submarine Warfare and Mine Avoidance Sonar
- High Power Transmission
- Improved Performance

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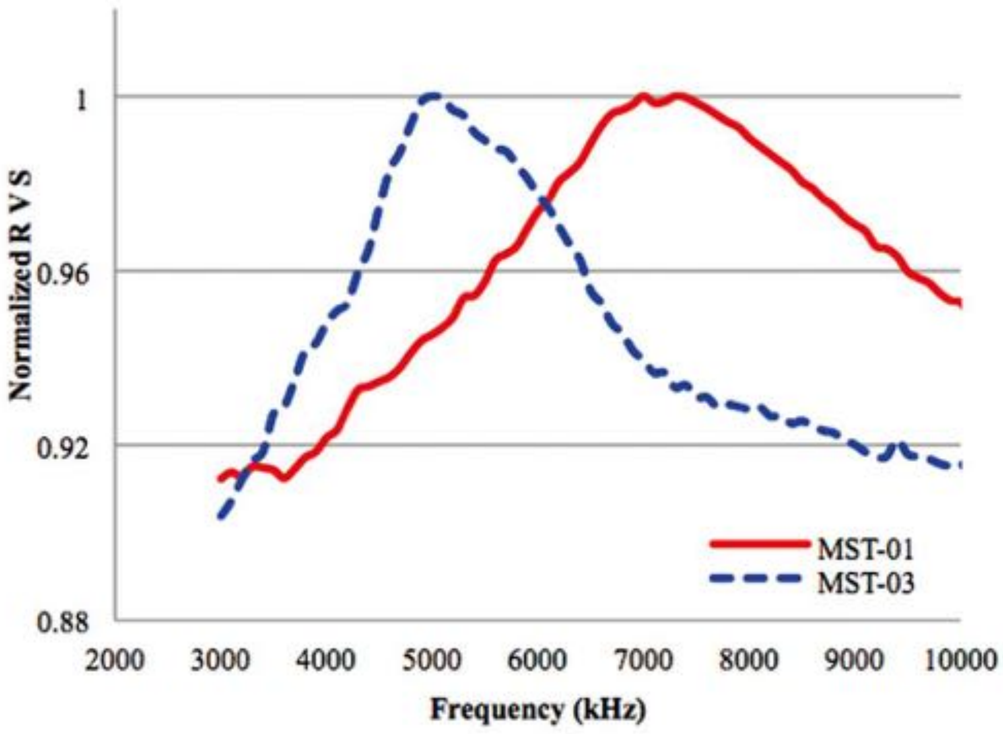
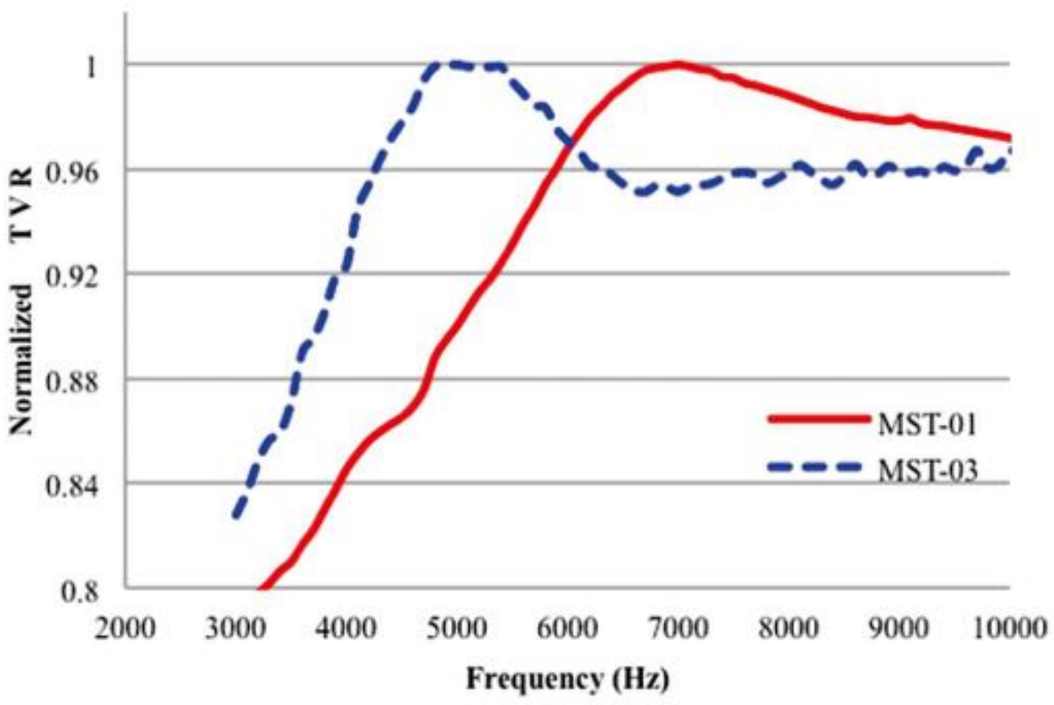
Performance





The active area and height of the MST-03 transducer are manufactured in the same dimensions as the MST-01 transducer.

The resonance frequency of the MST-03 transducer has been successfully reduced without changing the volume of the MST-01 transducer and without compromising the acoustic parameters.

MST-03 and MST-01 transducers resonance frequency TVR (Transmitting Voltage Response) values are similar.

The RVS (ReceivingVoltageSensitivity) values of the MST-03 transducer are 2-3 dB better than the RVS values of the MST-01 transducer.

According to these results, the MST-03 transducer will have a longer detection distance than the MST-01 under the same ambient conditions.

Key Features

- Low-Medium Frequency Active
- Critical/Advance Technology
- Cost Effective
- High Power Transmission
- Improved Performance

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