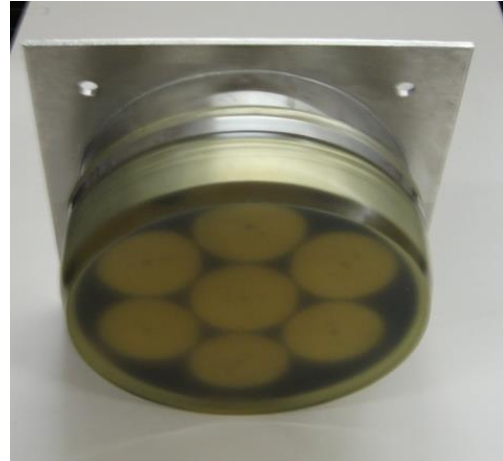


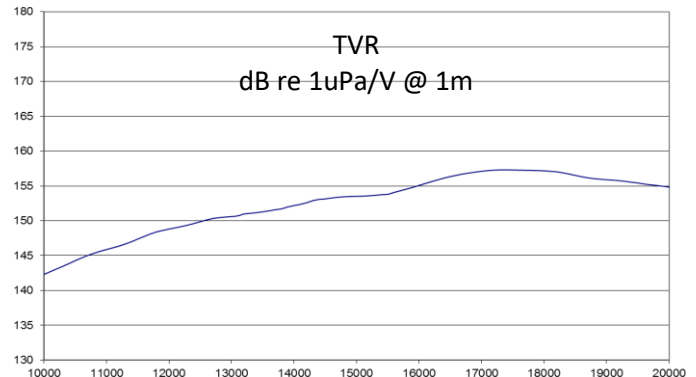
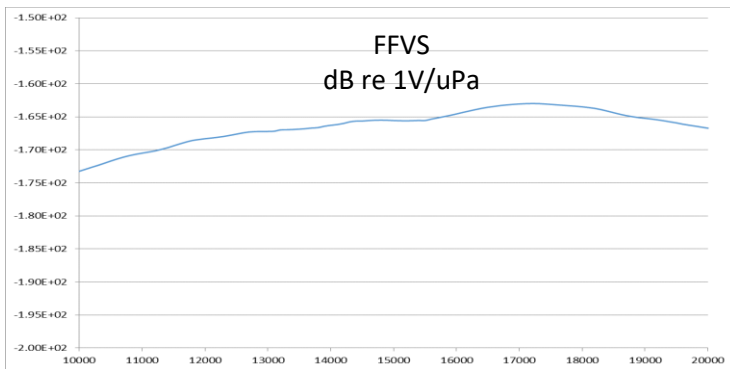
## Ultra-rugged, High-Power, High-Frequency

The HMS-ATTR-15K is a very rugged, high power, underwater transducer specifically designed for marine sub-bottom profilers and echo-sounders in the 8 to 23 kHz frequency range. The transducer is designed for operation in a variety of configurations to support shallow water surveys to deep water hull mounted arrays capable of operation in survey depths up to 6Km. Vessel installations will vary based on the survey requirements and vessel configuration so please contact Falmouth Scientific with your specific needs. Single transducers can support a 1000W power level at a 30% duty cycle or 200W continuous while when configured as arrays the power levels for the array can be several Kilowatts though this will be cavitation limited depending on the installation.



### CHARACTERISTICS

- Transmitter transducer: One 7-element high frequency transducer
- Power output: 1 kw, 15% duty cycle at 15 kHz for 214 dB re 1  $\mu$ Pa @ 1 m nominal, 4 kW maximum
- Frequency range: Sweeps in the 8 kHz to 23 kHz band
- Transducer radiation: 20° conical



4 April 2023

Specification Subject to Change Without Notice

