

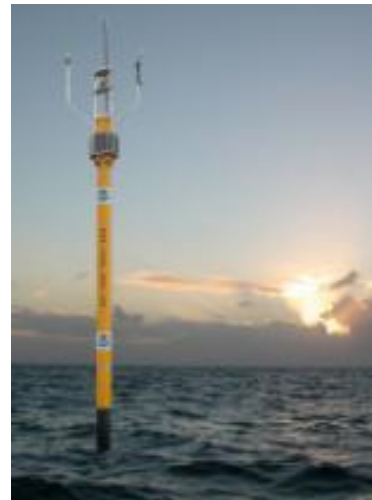
Custom Ruggedized Antenna Designs

mWAVE Industries, LLC designs ruggedized antennas suitable for deployment and installation in harsh environments. Our experienced engineers routinely utilize structural analysis software and incorporate proven materials to meet demanding environmental and structural requirements. Our mechanical and RF engineers work closely with manufacturing to ensure that the RF integrity of our products is maintained under extreme environmental conditions. If required, mWAVE will contract with 3rd party test laboratories to perform independent environmental testing such as shock, vibration, thermal cycling, humidity, etc. mWAVE maintains an outdoor antenna test range that is used to verify RF design and production product performance. Our test range is also available for independent antenna testing and verification of other manufacturer's products. Below are photos of some of the antennas mWAVE has developed for operation in harsh and remote environments.

4 ft. antennas installed in Antarctica



GOES reduced size patch antenna on ocean platform



3 ft. antenna deployed along an oil pipeline in the Middle East



Portable ruggedized grid antenna for military quick deployment communication systems



Please contact mWAVE Industries, LLC for your custom antenna requirements