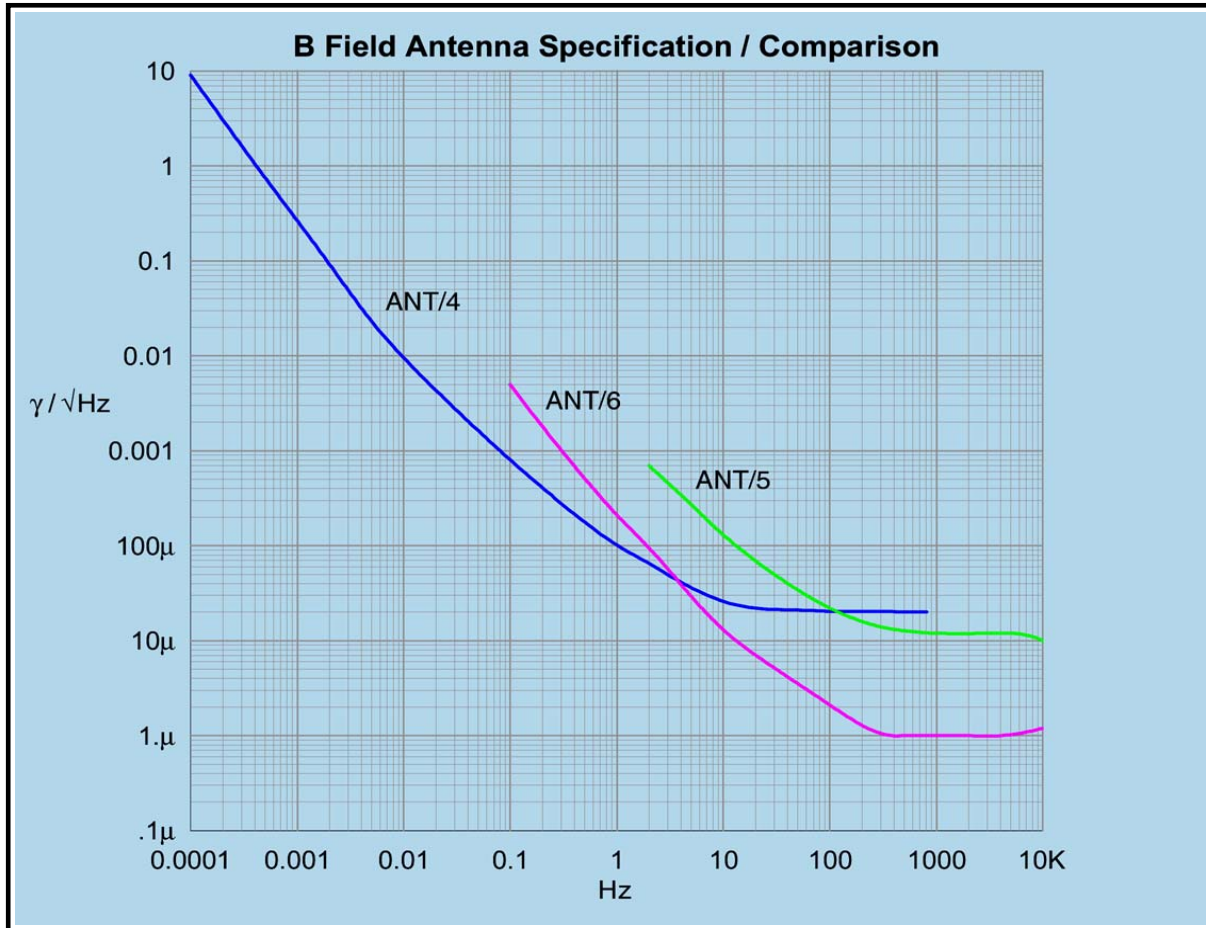


Antenna Noise Comparison

ANT/4, ANT/5, and ANT/6 Magnetic Antennas



The ANT/4, ANT/5 and ANT/6 magnetic field sensors are extremely low noise instruments. Using feedback amplifier technology and including carefully designed mu-metal cores, these antennas are each designed with specific purposes in mind. Each antenna is designed to be a highly flexible instrument, built to withstand the difficult conditions encountered in the field environment.

This comparison of the noise specifications of different magnetic field antennas illustrates the different applications of the sensors.

The ANT/4 magnetometer, because of its low noise characteristics below 10 Hz, is designed to collect low frequency MT data.

The lightweight ANT/5 is an advantage when performing Controlled Source Audio-frequency MagnetoTelluric investigations where its higher noise levels are not a problem.

The ANT/6 is a multipurpose coil with extremely low noise levels from 0.1 Hz to 10 KHz, making it an excellent AMT magnetometer.