

Item # 7

This experimental license is necessary for the fulfillment of a U.S. Government contract. The contract is through the Government Agency US Army Space and Missile Defense Command, Contract Number W9113M-06-C-0167.

GATR Technologies is developing a deployable satellite terminal for remote broadcasts under the subject contract. The effort is focused on the use of a patented inflatable antenna technology being developed and field tested. The inflatable antenna has been characterized in range tests in far field and near field antenna ranges. Satellites utilized are commercial Ku-Band and C-Band systems.

The use of the antennas under this contract requires the use and characterization of the antennas/communication system. The technical effort under this contract includes the optimization of the complete RF system and demonstration of the system under a variety of IP and Direct Broadcast modes from various locations throughout the U.S.