
NuWaves Receives Department of Defense Contract Award for Research and Development of Miniature and High Performance Fiber Optic RF Distribution Modules

Middletown, Ohio (May 5, 2008)

NuWaves Engineering announces the award of an Air Force Research and Development program entitled, "Fiber Optic RF Distribution (FORD) & Digital Control Signals Network (DCSN) Across Printed Circuit Boards (PCBs) in GPS User Equipment (UE)." The program's primary objective is to investigate, design, and develop a fiber optic network as a means for distributing pristine RF and high-speed digital control signals across a Printed Circuit Board (PCB). Specifically, the miniature fiber-optic and high-performance RF and digital distribution modules enable new printed circuit board designs that eliminate on-board radio frequency interference and electromagnetic interference by yielding superior circuit-to-circuit isolation.

The NuWaves Team will provide innovative and flexible FORD techniques that have significant commercialization potential not only in Department of Defense operational and tactical missions but can be exploited throughout the entire RF design community including: cellular, communications, radar, SIGINT, ELINT, COMINT, telemetry, space, aviation, test and measurement, unattended sensor systems, SATCOM, GPS, CATV, and other applications that require a low-cost method for distributing on-board signals without interference.

NuWaves Engineering is a premier supplier of RF Systems, Products, and Engineering Services designed to customer requirements. NuWaves Engineering is a RF power house, with the singular mission of delivering unsurpassed RF Design Engineering Services. NuWaves Engineering offers a wide range of engineering services to fit most any RF application needs. We serve the industrial, military, and commercial markets. We have several commercially available products including High Intercept Low Noise Amplifiers (HILNA™), Multi-Octave RF Upconverter (RF2-3000UCV1), High Performance RF Tuners (HiPerTUNER™), Wideband RF Receivers/Downconverters, and Miniature Custom Filters (µFILTER™). Contact Terry Tincher, Technical Solutions Manager, at 513-360-0800 ext 310 or visit our website at www.nuwaves-ltd.com for more information.