



STATEMENT OF CAPABILITY 2016

Company Dynamics:

- Small Business
- Woman Owned
- ISO 9001-2008 Certified
- 15 years in business
- Subsidiary European operations: Cellantenna SP. Z.o.o Lodz, Poland
- 25 employees

Engineering Team:

- RF Electrical Engineers IBWAVE certified
- Civil Engineers
- Mechanical Engineers
- Electrical / Electronic Technicians
- Anechoic Chamber
- Installation Team

CONTACT DETAILS:

Owner :	Barbara Melamed	barbara@cellantenna.com
CEO:	Howard Melamed	howard@cellantenna.com
CTO:	Stevan Melamed	Stevan@cellantenna.com
CFVP EU OPS	Renata Schluss	renata@cellantenna.com

Key Expertise:

- RF System Integrators of Public Safety, Cellular Communication, WiFi, ZIGBEE
- Engineering and Manufacturing of Special RF Products
- Tactical Cell Phone Control (Guardian Services)
- WiFi Control
- Full Support Services USA / EU
- ISO 9001 – 2008 Certified Company
- RF Inspections
- RF Engineers
- Frequency Clearing and Interference Mitigation



RF DAS / Integration

ENGINEERING , DISTRIBUTION AND DESIGN SERVICES

Including coaxial and fiber based in building and wide area signal DAS for VHF / UHF / Cellular / Public Safety / TETRA / WiMax / WIFI /SATphone / GPS communication in any protocol:

- Distributed Antenna Systems IBWAVE certified Design
- Amplifiers, Site Surveys
- Installation of equipment
- Service Level Support
- Repair Service
- Inspections

Products:

- Antennas: Yagi, Collinear , Indoor , Log Periodic, Parabolic, both interior and Exterior/Marine applications
- Passive components including couplers, filters, connectors, adapters (LOW PIM Capable)
- Cell Phone Bi-Directional Amplifiers with power between 10 dBm and 50 dBm and Gain between 50-80 dB
- Fiber Optical Hub / Remote Units for use in RF building design
- Portable Repeater Systems for Cellular / Public Safety
- Power amplifiers 30-100 watts Cellular / PCS

RF DETECTION, Control and Jamming Systems (worldwide operations)

- Cell Phone / Sat Phone / RF Signal Detection and location
- Cell Phone Signal jamming (1 watt to 150 watts) OTF
- Cell Phone Signal Jamming modules for use in existing / custom high power amplifiers
- Cell Phone portable 15 Watt – 100 Watt jamming
- STINGER – Cellphone IMSI / IMEI control for 2G/3G/4G GSM/UMTS/LTE
- WIFI Interception
- Jamming Commercial GPS
- Jamming of SatPhone
- Jamming from 2 Mhz – 6 GHz
- Detection -> Jamming technology combined together
- Stealth Low Energy Wide Area Packet Jamming of digital based communication (Patent)
- D³T : Drone Detection Defeat Technology
- Guardian Services: Cellphone Wifi and Drone control for secure area requirements including Prisons.



Manufacturing

Systems Manufactured and Developed by CellAntenna

CA-MBRU-HP	High Power Multiband Remote Unit used in Cell phone control applications
CA-DETECT-2000	Multiband uplink Detector for Embassies
CJAM-8192100	High Power Cell Phone control system
CA-SDR-MB	MultiBand Front End Active Filter for Software Control Radios
CA-PANT-L3	Multiband Low Noise Amplified Antenna for Downlink Cell Phone signals.
CA-ALARM-SP Amplifiers	Remote Access and Monitored Uplink power detector and Alarm for BDA
CA-750-5	Multiband Marine Based BDA system
CA-D3T	Drone Detection and Defeat Technology Platform.
OCTVAS	SDR Support Vehicle Amplification Systems
OCT-10XX	SDR support for light weight portable solutions
CA-STINGER	IMSI catching / Managed Access cell phone control solutions

All the above are Made in the USA by CellAntenna at HQ Coral Springs FL.

Drone Operations

Services Provided

GIS photo analysis of Towers for Legacy requirements
In-Situ Spectrum Analysis of existing antennas and tower output power
Frequency Clearing / Noise Mitigation Services for Cellular Service providers
D3T – Drone Detection and Defeat Technology.
Tethered Drone for Emergency Tower Operatings

Patents :

US8543053 Wireless Signal Jamming Using Signal Delay Technology
US8750903 Cell Phone Control and Localization for Restricted Facilities.