



Excellence in Compliance Testing

Certification Exhibit

FCC ID: VEYXVMR1

FCC Rule Part: 15.247

ACS Project: 15-2067

Manufacturer: xG Technology, Inc.

Model: CN3100

Antenna Information

900 MHz, Dual Polarized Magnetic Mount MIMO Antenna

-PRELIMINARY-

Part Number: XG-ANT5DP

This dual polarized mobile antenna is designed for optimal omnidirectional coverage of 900 MHz frequencies. It features an aerodynamic housing design and built-in high strength magnetic mount structure that enables solid attachment to metallic surfaces for temporary installations. The unit is terminated with low loss cable for optimal gain performance.

Features

- Dual port MIMO design
- Dual polarization
- Aerodynamic housing
- Built-in magnetic base featuring heavy duty, high strength rare earth magnets for maximum attachment to metallic surfaces



XG-ANT5DP

Electrical Specifications

Frequency Range	Nominal Impedance	Polarization	Average Gain	Bandwidth	VSWR	Azimuth Beamwidth	Elevation Beamwidth
890-950 MHz	50 ohms	Port 1: Horizontal Port 2: Vertical	2.0 dBi 1.0 dBi	60 MHz	< 2.0	360°	H: 45° V: 65°

Mechanical Specifications

Dimensions	Weight	Material	Color	Cable	Connector	Mounting Method	Temperature Range
7.66 W x 8.94 L x 1.00 D inch (19.46 x 22.71 x 2.54 cm)	2.17 lbs (0.984 kg)	PC/ABS	Black	Two-15 foot PFP195 low loss RG58	N Male	Magnetic Mount	-40°C to +80°C

