

Exhibit 2: Directional Antennas

Base Station: RadioWave SEC-35-90-16 (90deg. Dual poled Sectoral Antenna): These antennas will be special ordered from RadioWave. Each sector antenna will be tested and tuned specifically to provide reliable propagation in the 3650 – 3700MHz band. The base station will utilize a sectorized antenna system using one sector of 90degree geographical area. The specific azimuths, beam tilts and polarities for each sector will be determined and adjusted as part of the system tests.

Remote/CPE: RadioWave FP-18-3 (8deg.): This antenna has a more focused beamwidth to assist customer locations.

All antennas will be mounted on existing Communication Towers.

Radiation pattern information provided by the manufacturer for these antennas by the manufacturer for these antennas is provided on the following pages.

Base Station Sector Antenna

Monday, March 27, 2006

microwave antennas



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90° 3.4-3.6 GHz Sector Antennas



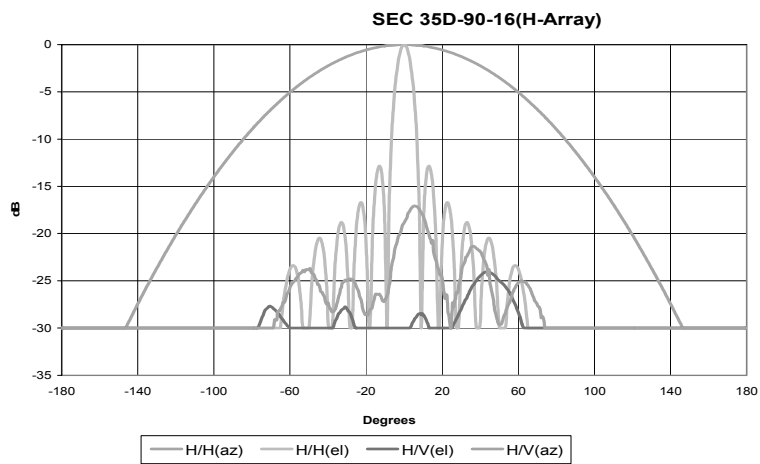
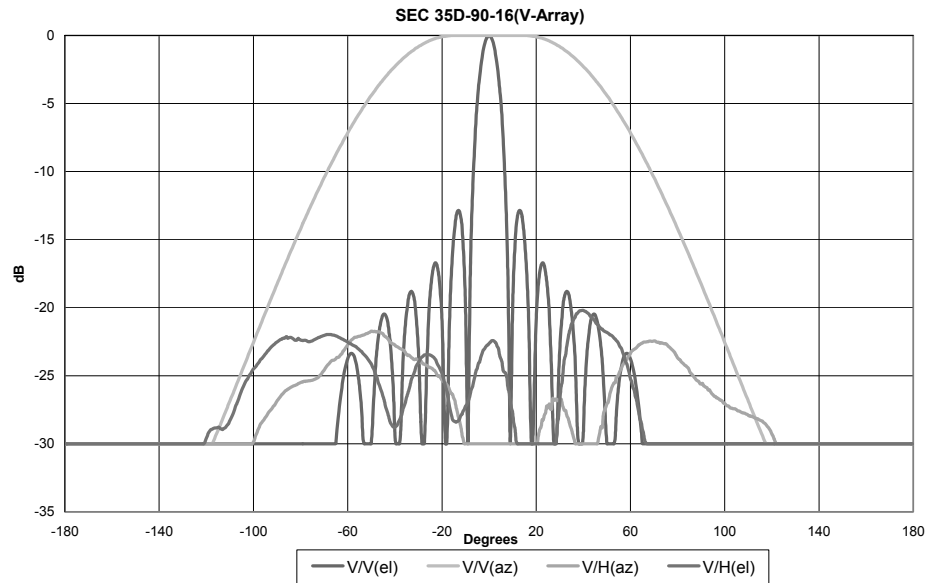
PRODUCT FEATURES

- **Antenna dimensions:**
 - SEC-35D-90-16 41.5 x 8.5 x 7.5" (105 x 21.6 x 19 cm)
 - SEC-35V-90-16 25.5 x 8.5 x 7.5" (65 x 21.6 x 19 cm)
 - SEC-35H-90-16 25.5 x 8.5 x 7.5" (65 x 21.6 x 19 cm)
- **Flat panel design**
- **RF Connector Interface:** Type "N" female
- **Lightweight and rugged design**
- **Meets ETSI EN 302 085 Class "CS2"**
- **Low windloads**
- **Easily installed**
- **Plane or Dual Polarized**
- **Standard antenna mount accommodates a 2.5" to 4.5" diameter pipe**
- **Optional 15° mechanical downtilt**



[90° 3.4-3.6 GHz Sector Antennas](#)

Base Station Antenna Radiation Plots





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3.4-3.6 GHz Low Profile Flat Panel Antennas



PRODUCT FEATURES

- **Antenna dimensions:**
 - FP-18-3 9 x 9 x 1.5" (22.9 x 22.9 x 3.8 cm)
 - FP-24-3 19 x 19 x 1.5" (48.3 x 48.3 x 3.8 cm)
- **Flat panel design is anesthetically pleasing**
- **RF Connector Interface:** Type "N" female
- **Lightweight and rugged design**
- **Low windload**
- **Easily installed**
- **Plane Polarized**
- **Various antenna mount options available**
- **Superior sidelobe performance**
- **Broadband design: 3.4 - 3.6 GHz**



[3.4-3.6 GHz Low Profile Flat Panel Antennas](#)

FEATURES

n **Antenna dimensions:**

- FP-18-3 9 x 9 x 1.5" (22.9 x 22.9 x 3.8 cm)
- FP-24-3 19 x 19 x 1.5" (48.3 x 48.3 x 3.8 cm)

- n **Flat panel design is anesthetically pleasing**
 - n **RF Connector Interface:** Type “N” female
 - n **Lightweight and rugged design**
 - n **Low windload**
 - n **Easily installed**
 - n **Plane Polarized**
 - n **Various antenna mount options available**
 - n **Superior sidelobe performance**
 - n **Broadband design: 3.4 - 3.6 GHz**
- Model Frequency, Gain Beamwidth ° X-Pol. F/B Ratio VSWR, Max Number GHz dBi (nominal) -3dB Rejection, dB dB (R.L., dB)**

ELECTRICAL SPECIFICATIONS (typical performance)*

FP-18-3 3.4 - 3.6 18.0 18 24 25 1.5:1 (14.0)

FP-24-3 3.4 - 3.6 23.5 9 24 30 1.5:1 (14.0)

* All specifications subject to change without notice.

* Dimensions are measured square across flats.

Radio Waves, Inc.

<http://www.radiowavesinc.com>