

## Antenna Patterns

The 2.4 meter antenna proposed in this application will operate within the parameters for the earth station licensed under the following File Number and Call Sign:

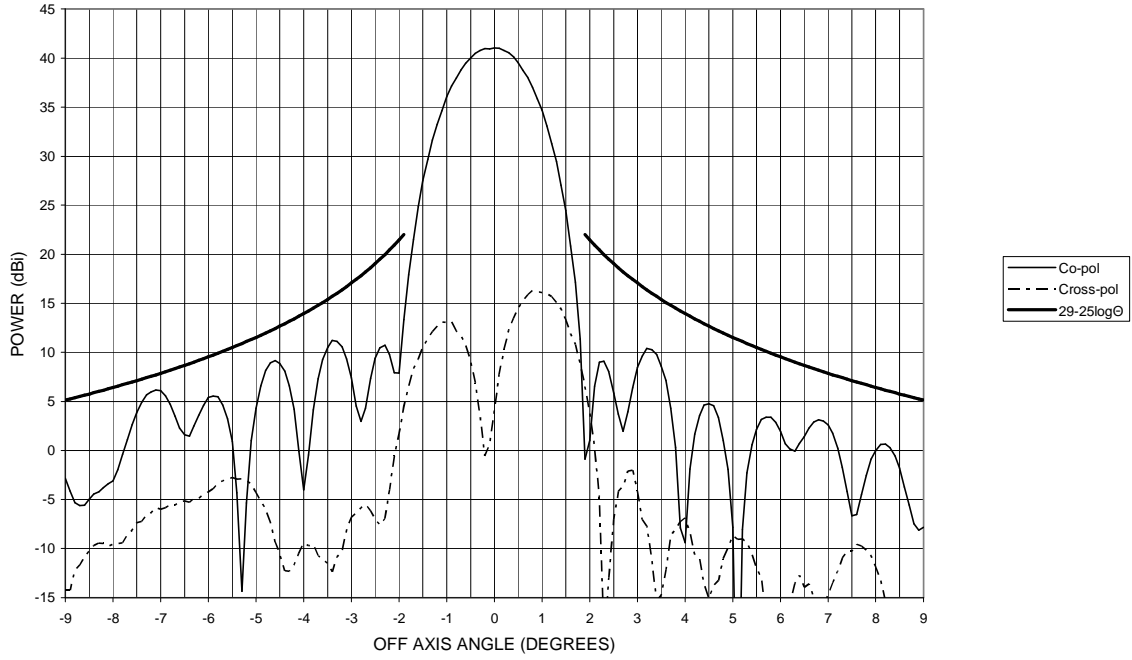
E060206

File No. SES-MOD-20150108-00003.

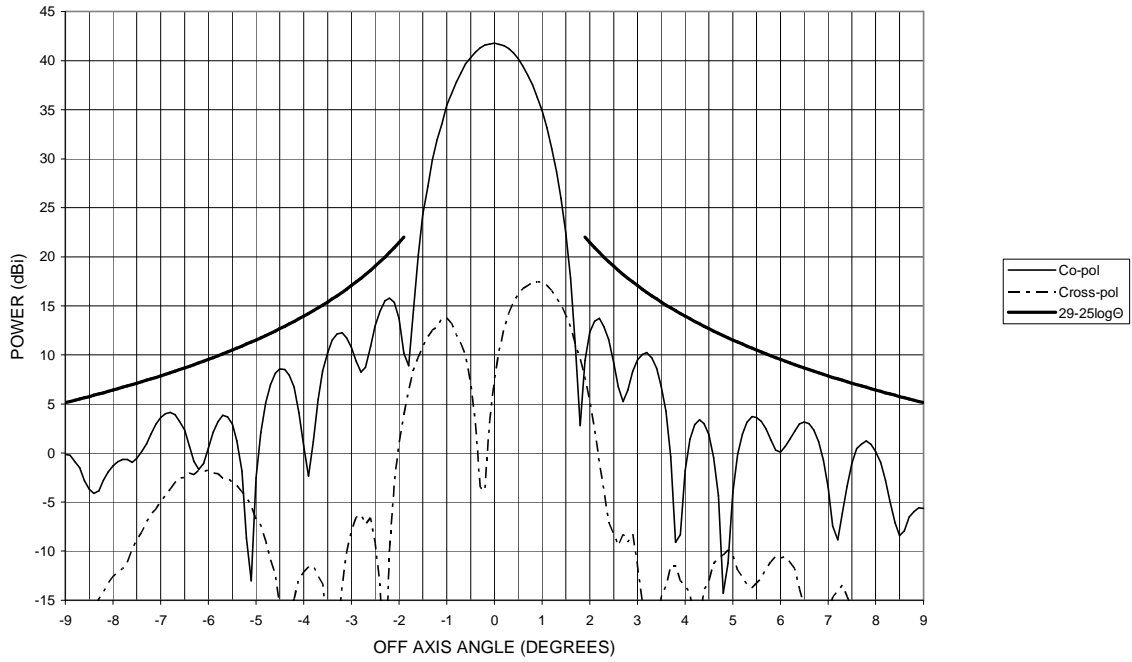
The antenna patterns for the proposed antenna are attached.

AvL 2.4M Antenna C Band Transmit Azimuth Patterns

AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
5.85 GHz - Horizontal Polarization

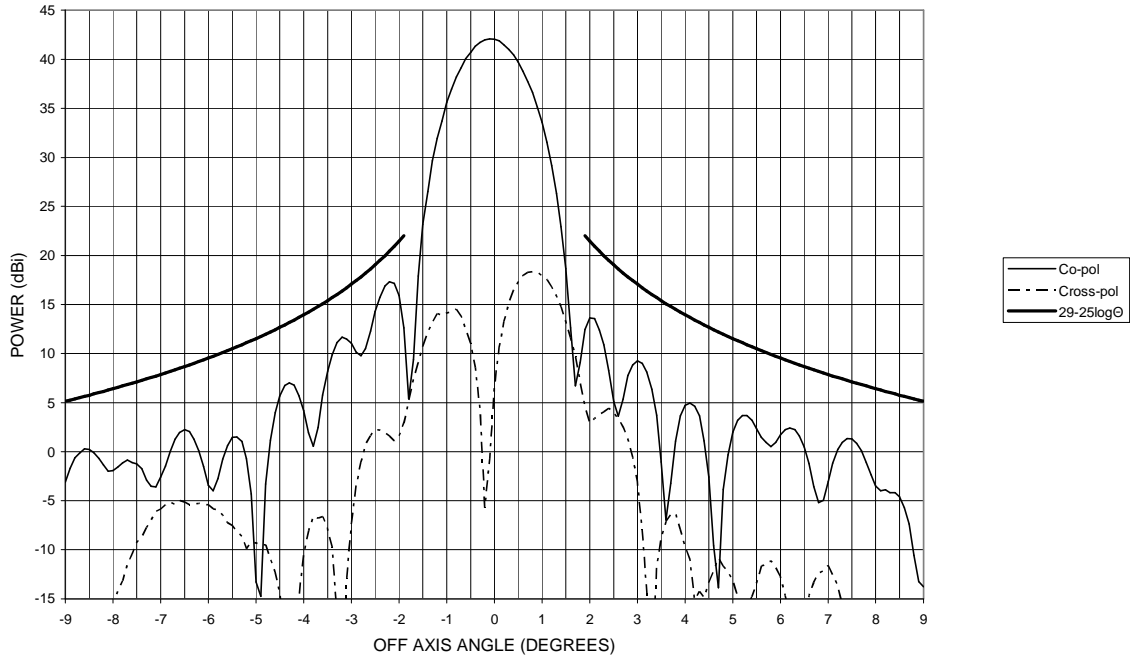


AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
6.1375 GHz - Horizontal Polarization

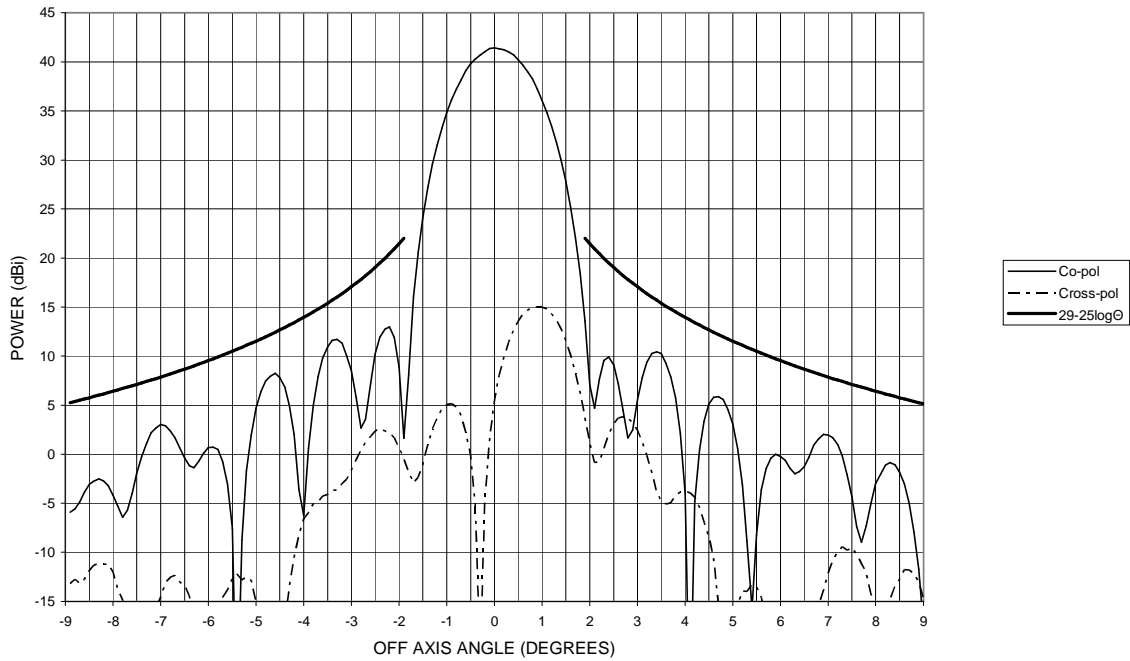


2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
6.425 GHz - Horizontal Polarization

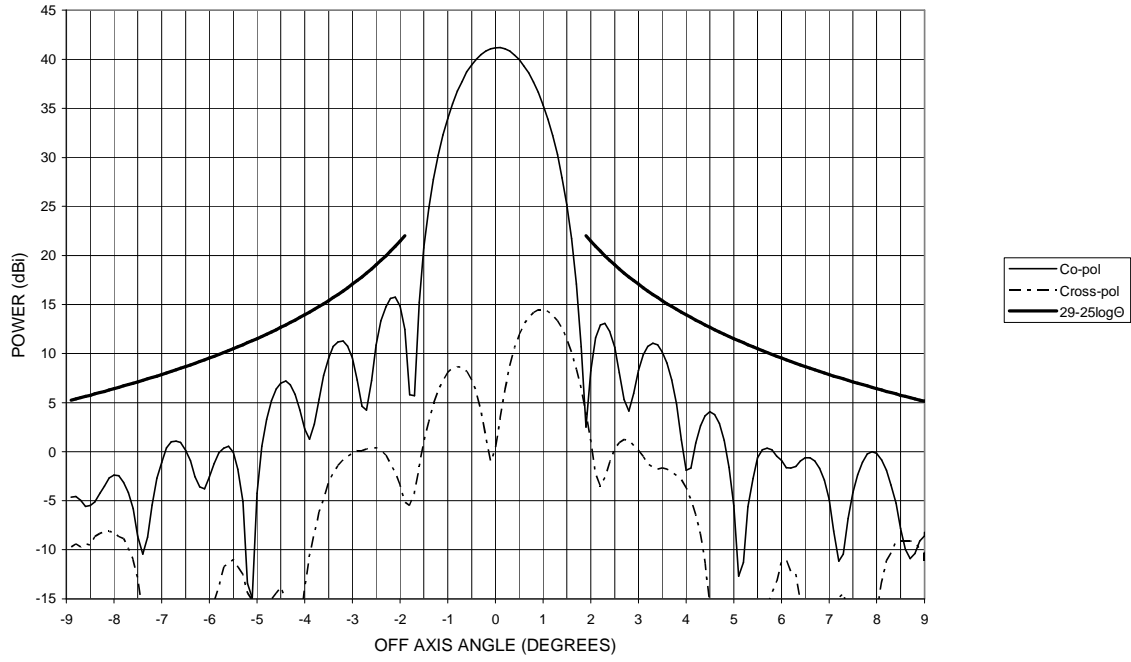


AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
5.85 GHz - Vertical Polarization

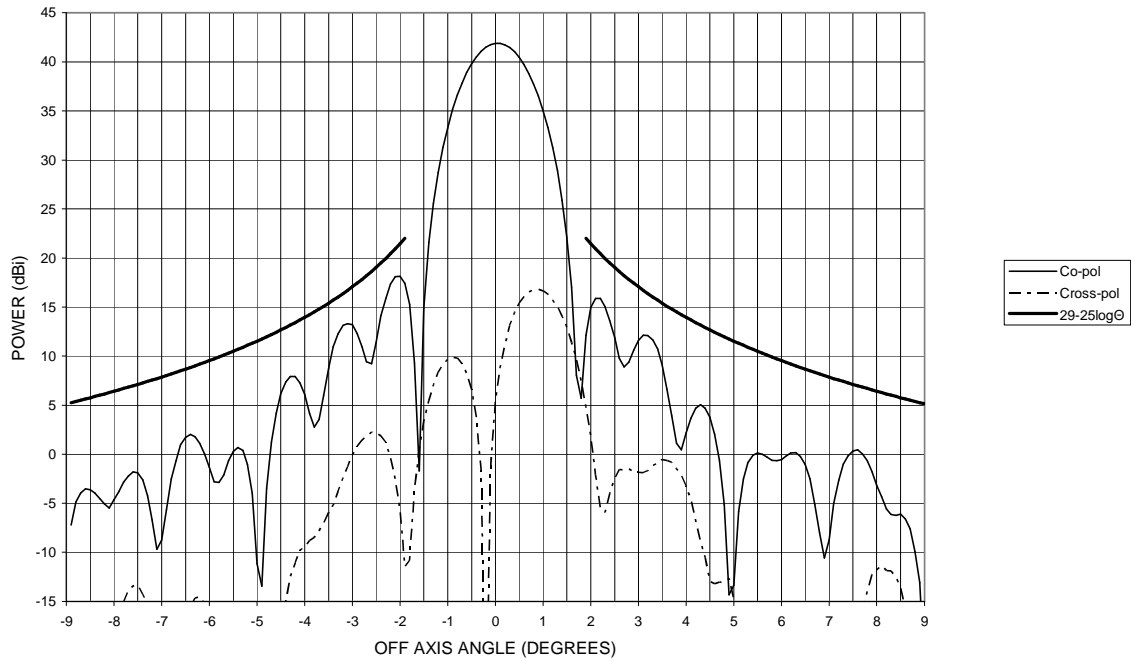


# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
6.1375 GHz - Vertical Polarization**

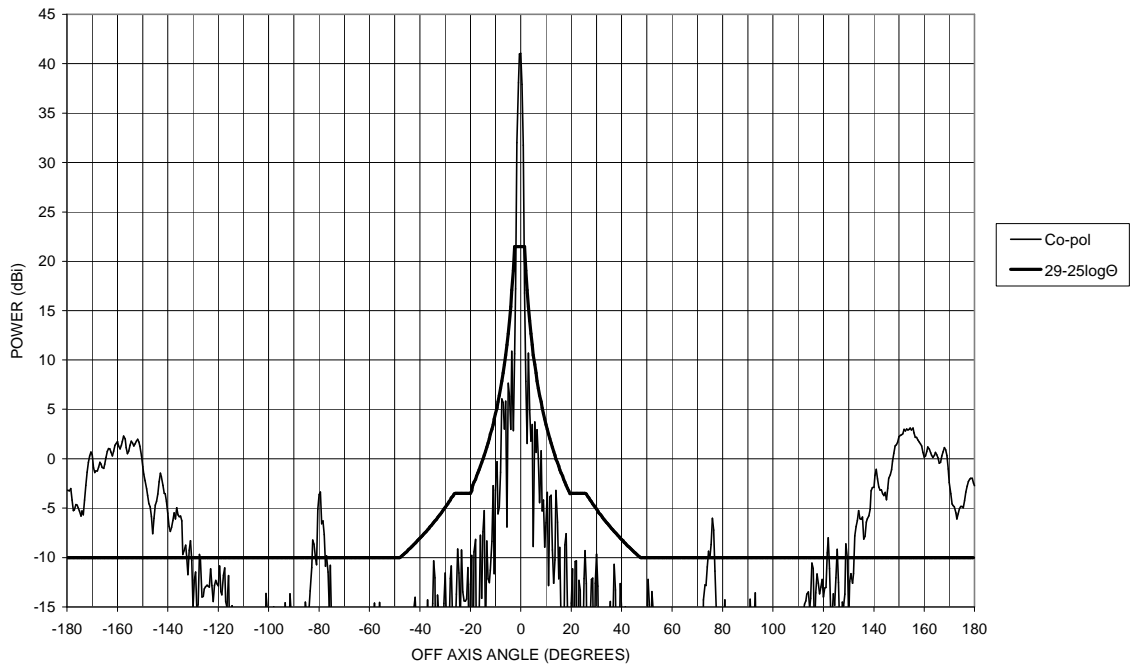


**AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
6.425 GHz - Vertical Polarization**

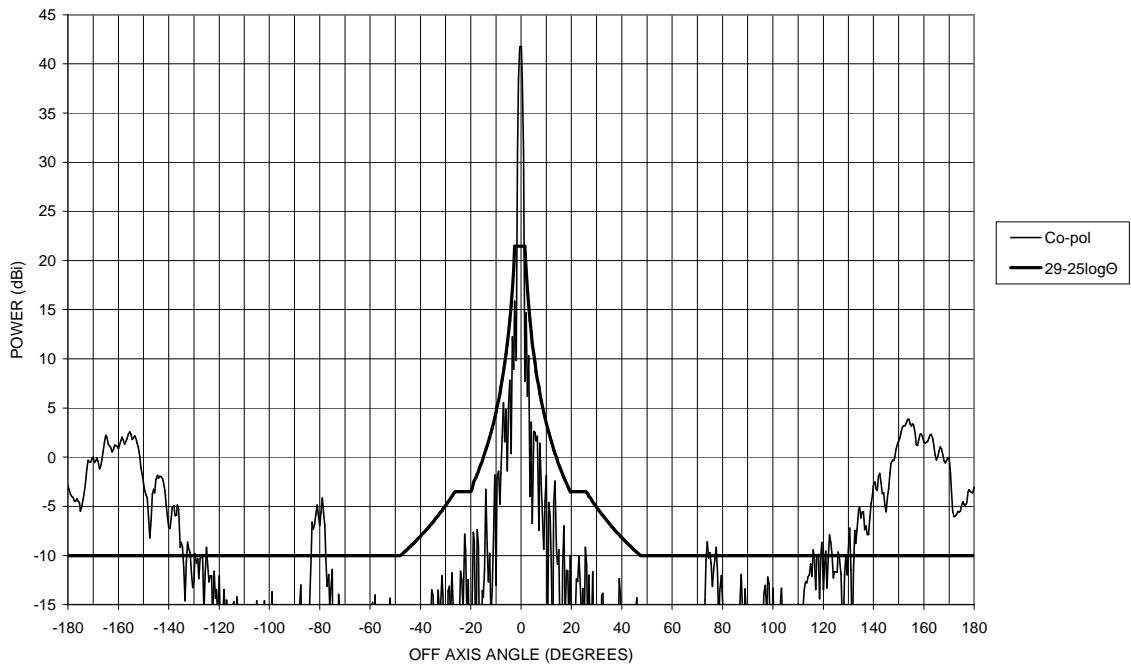


# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
5.85 GHz - Horizontal Polarization**

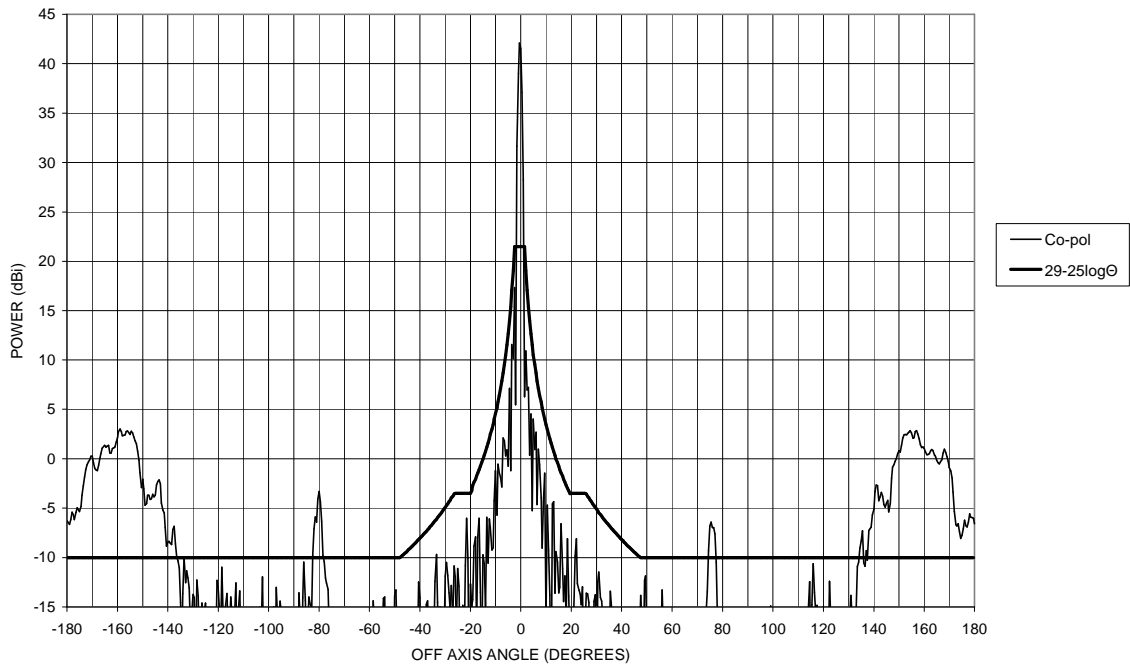


**AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
6.1375 GHz - Horizontal Polarization**

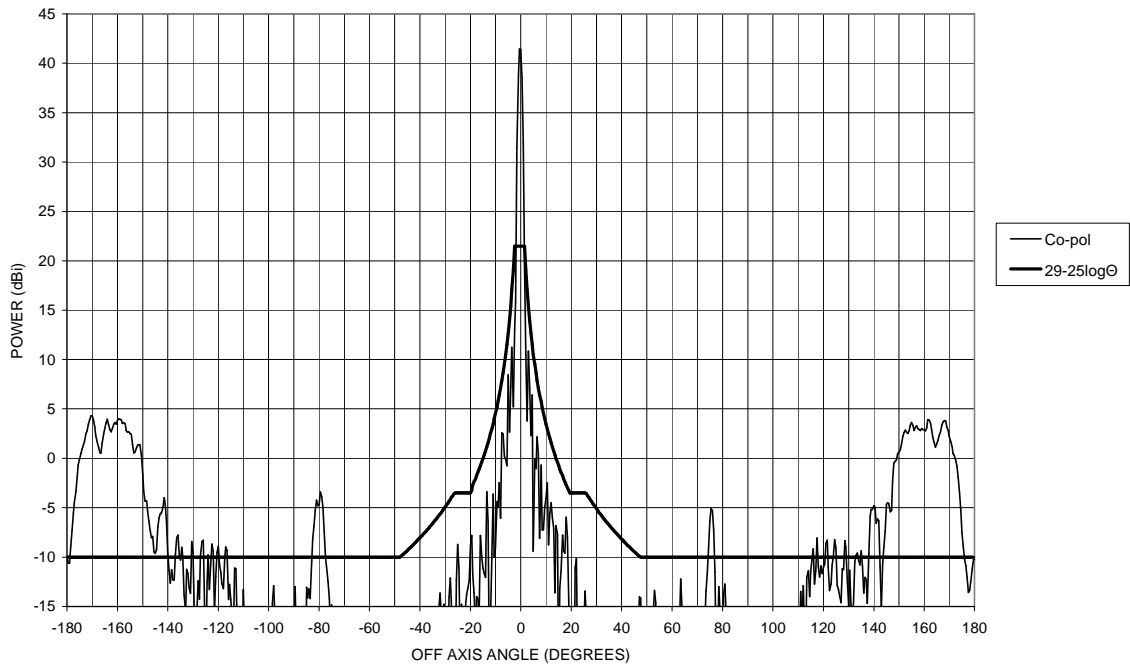


# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
6.425 GHz - Horizontal Polarization**

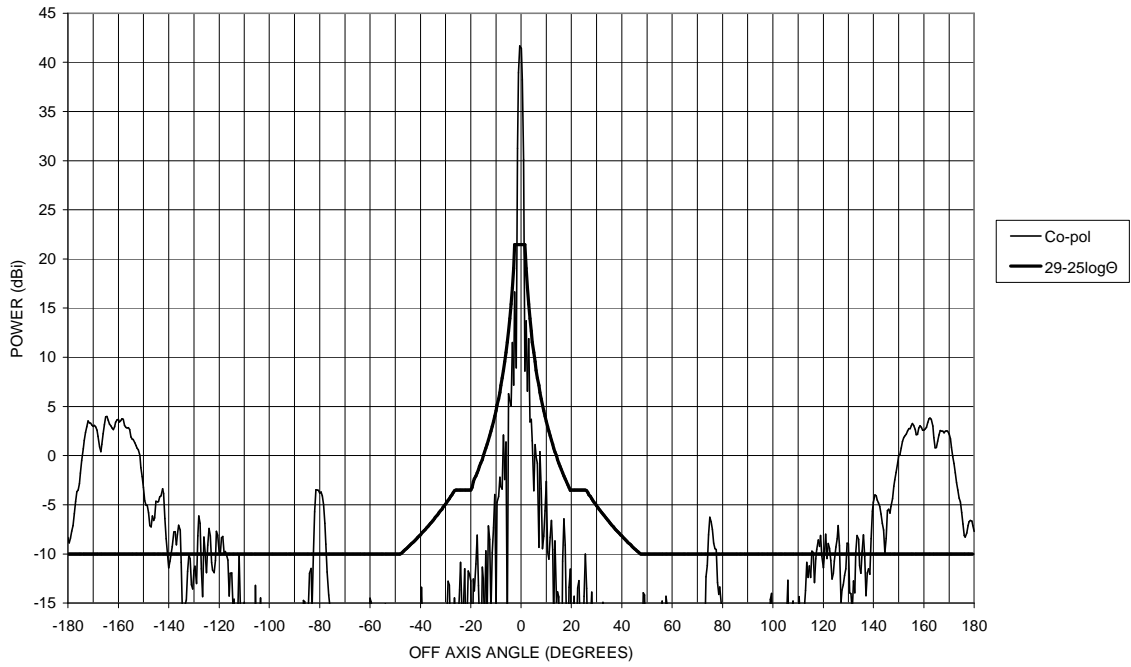


**AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
5.85 GHz - Vertical Polarization**

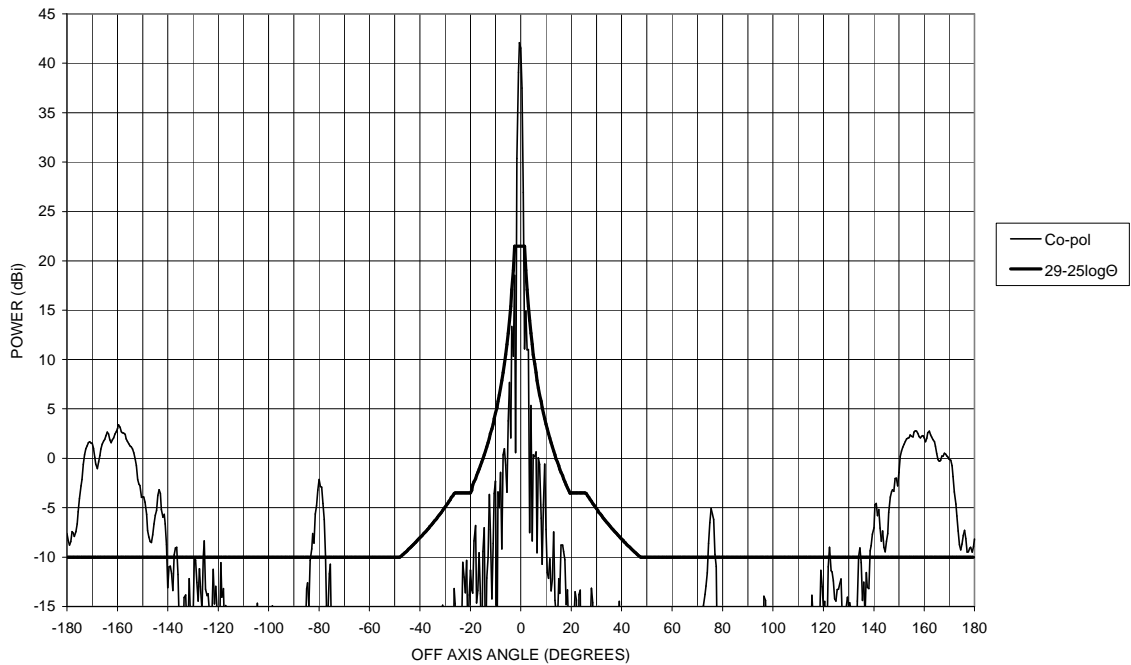


# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
6.1375 GHz - Vertical Polarization**



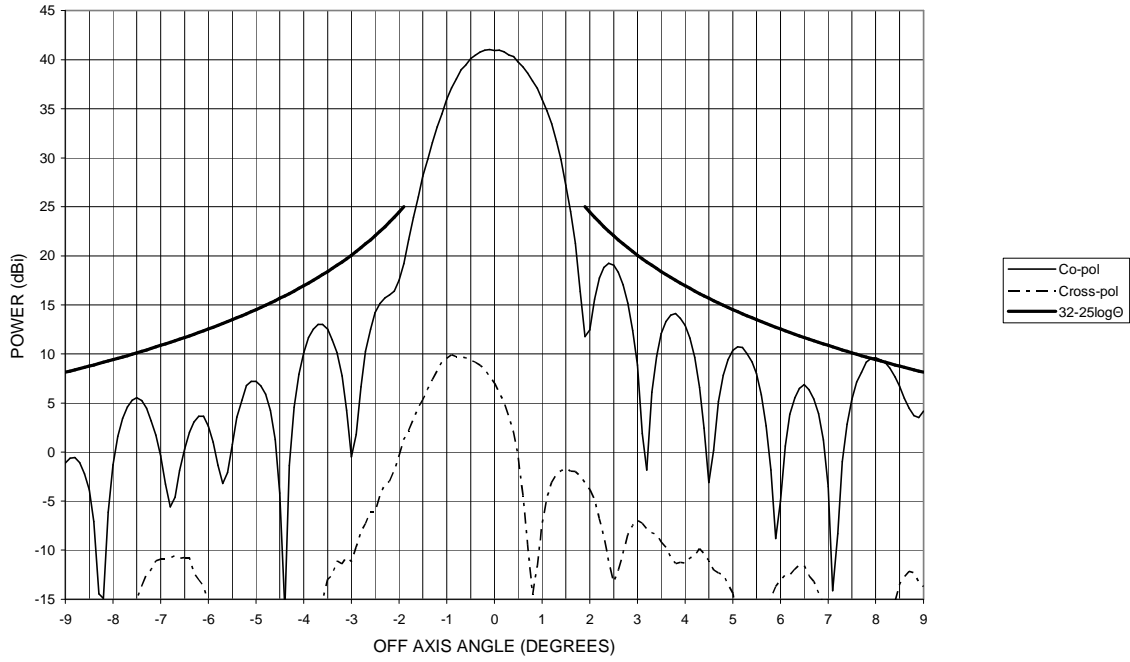
**AvL 2.4M C-Band Antenna  
Transmit Band Azimuth Pattern  
6.425 GHz - Vertical Polarization**



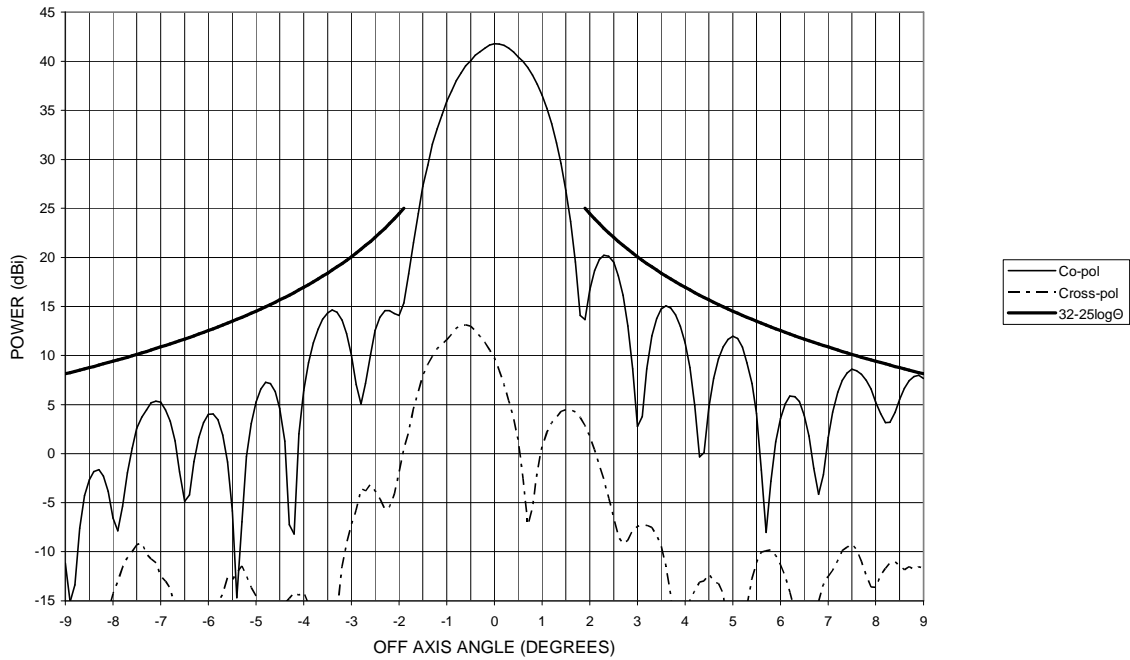
2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M Antenna C Band Transmit Elevation Patterns  
MODEL 2410C – Linear C Band Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Transmit Band Elevation Pattern  
5.85 GHz - Horizontal Polarization



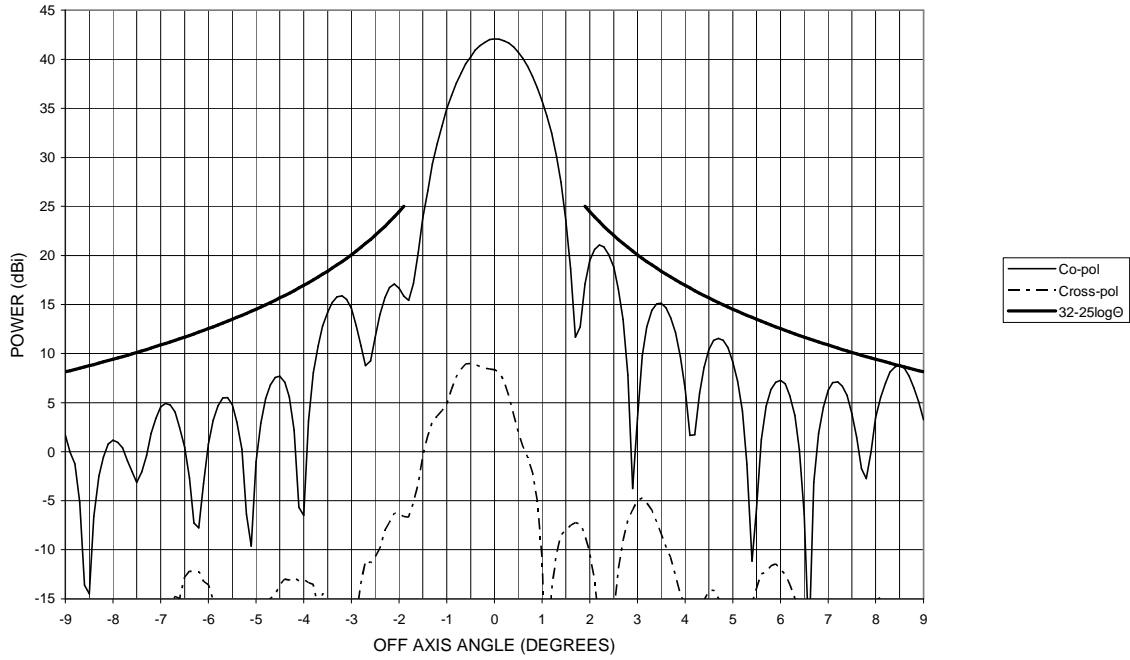
AvL 2.4M C-Band Antenna  
Transmit Band Elevation Pattern  
6.1375 GHz - Horizontal Polarization



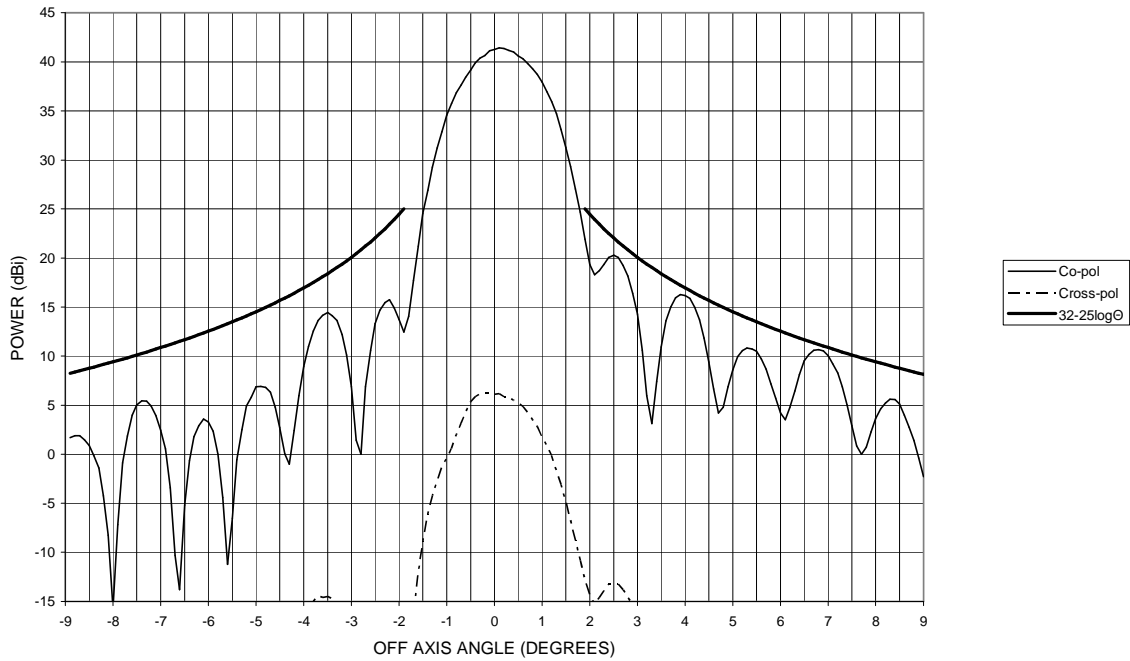


2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Transmit Band Elevation Pattern  
6.425 GHz - Horizontal Polarization

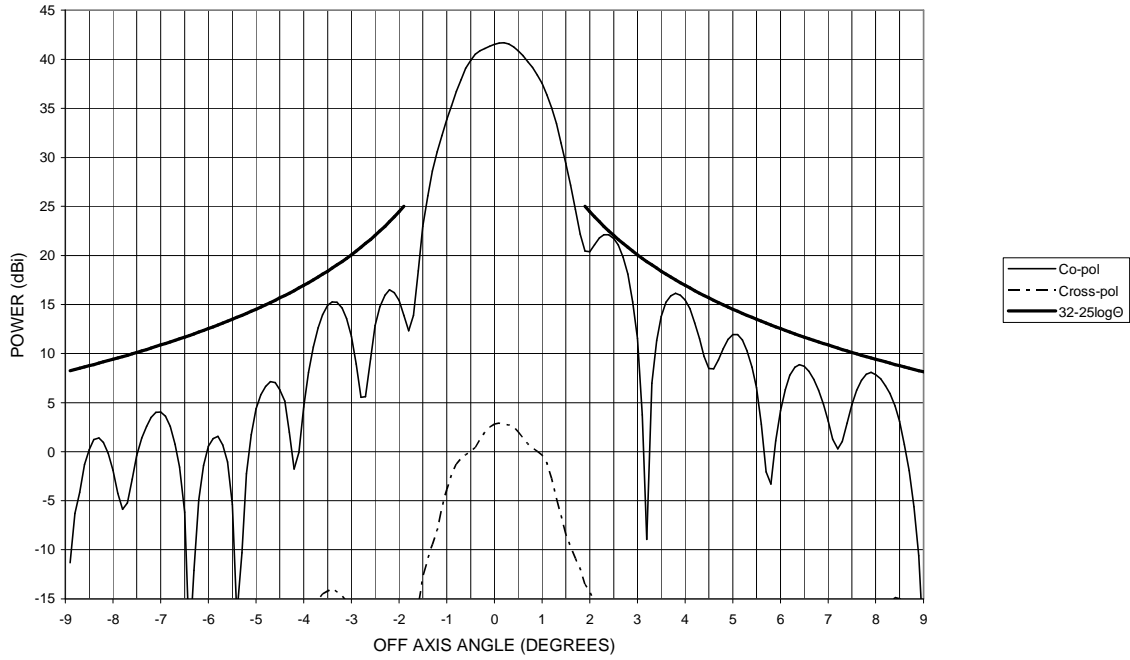


AvL 2.4M C-Band Antenna  
Transmit Band Elevation Pattern  
5.85 GHz - Vertical Polarization

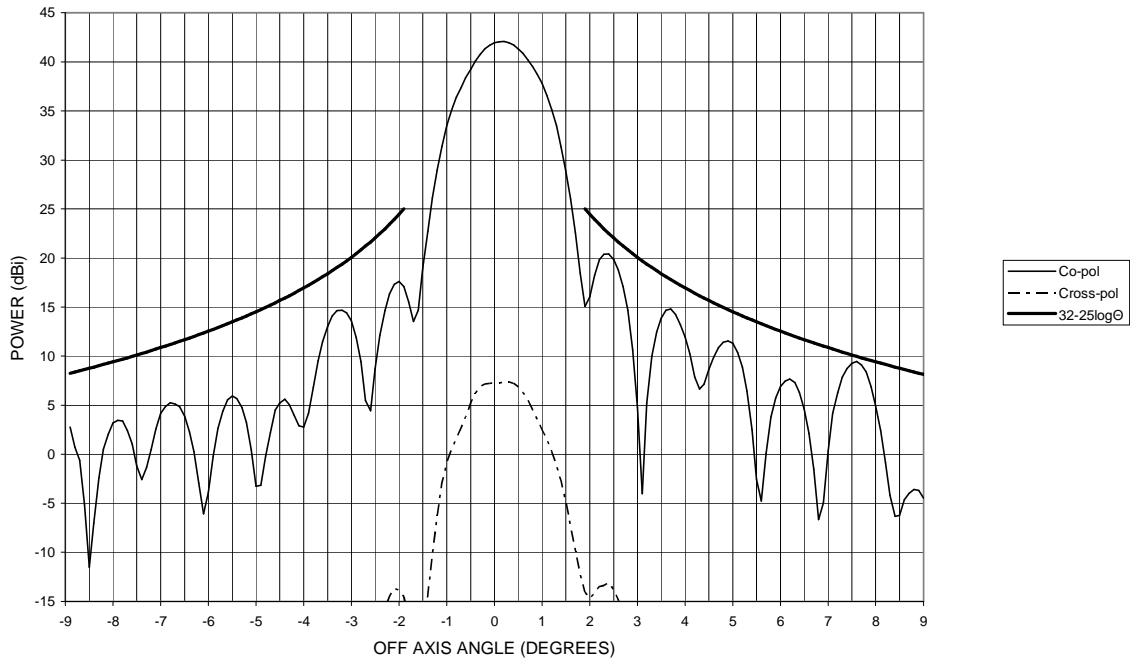


2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Transmit Band Elevation Pattern  
6.1375 GHz - Vertical Polarization

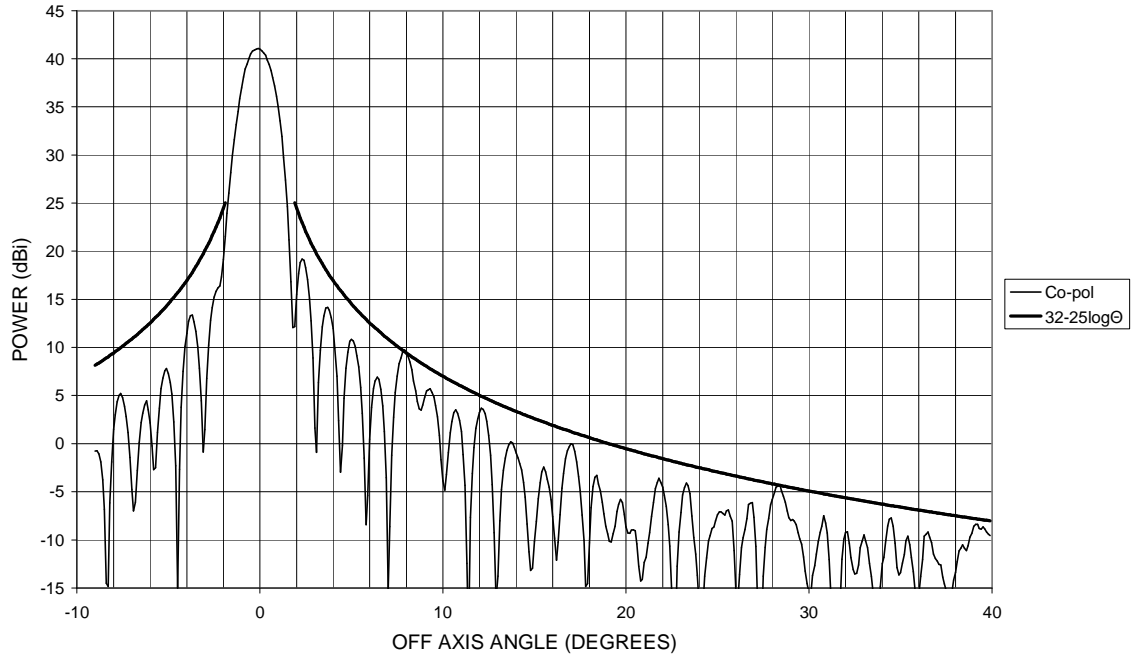


AvL 2.4M C-Band Antenna  
Transmit Band Elevation Pattern  
6.425 GHz - Vertical Polarization

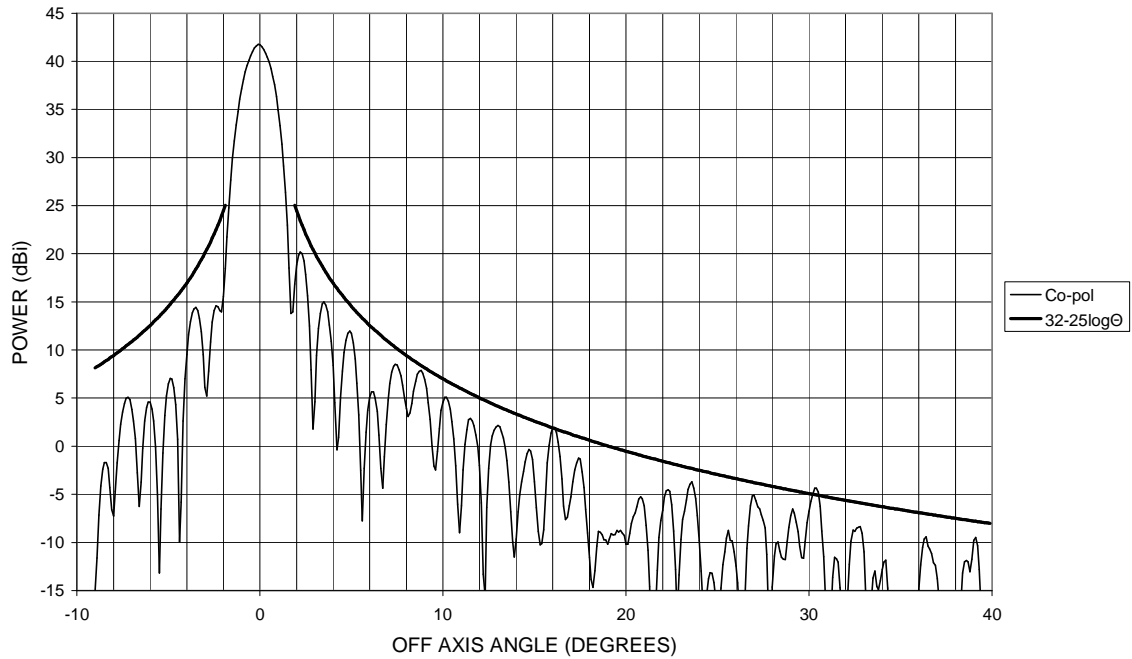


2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Transmit Band ElevationPattern  
5.85 GHz - Horizontal Polarization

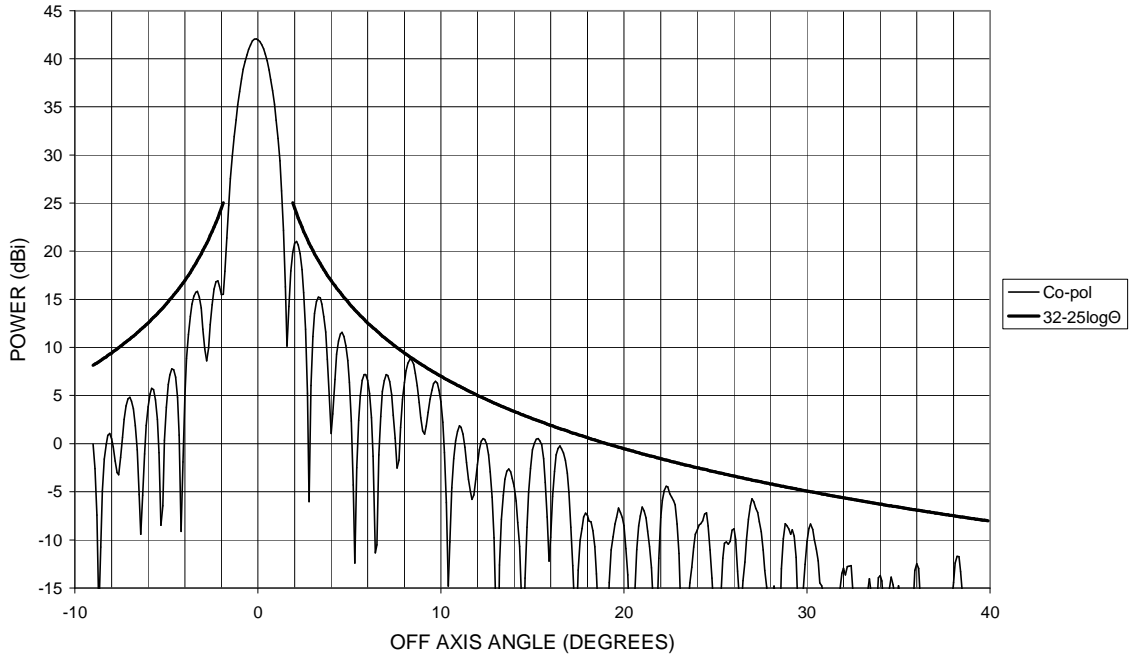


AvL 2.4M C-Band Antenna  
Transmit Band ElevationPattern  
6.1375 GHz - Horizontal Polarization

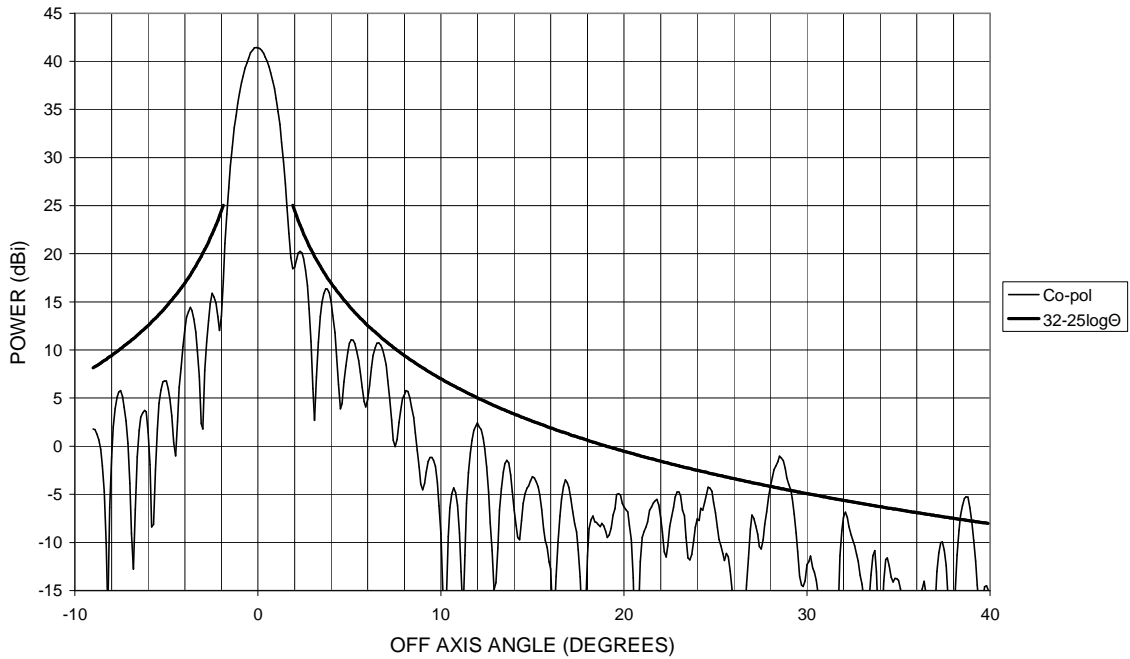


# 2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Transmit Band ElevationPattern  
6.425 GHz - Horizontal Polarization

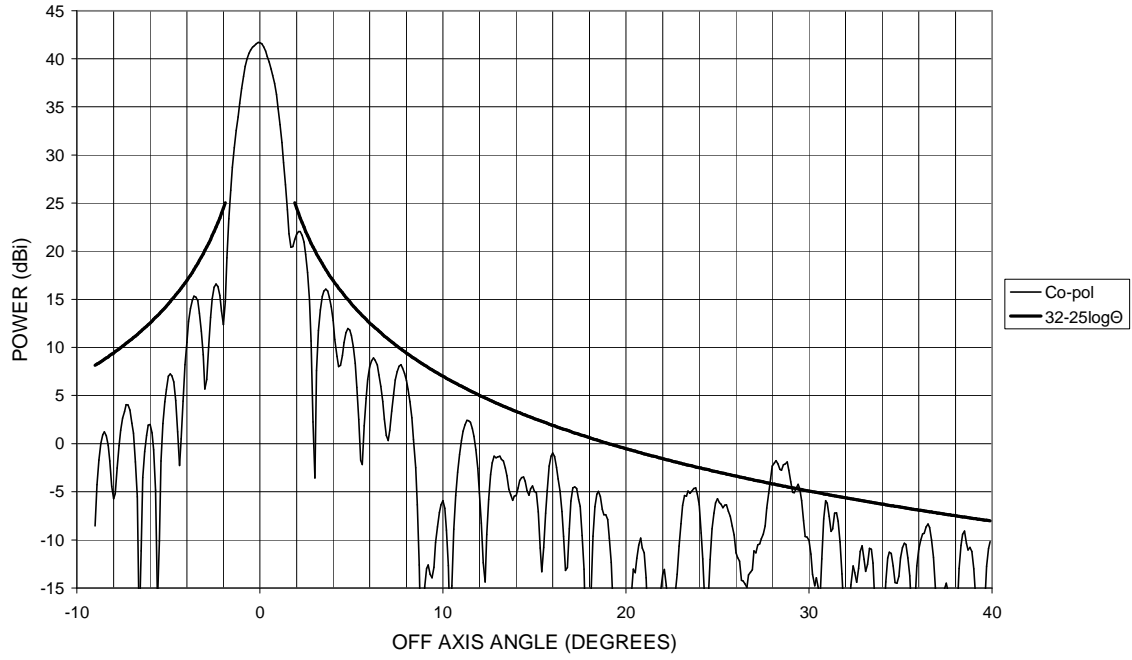


AvL 2.4M C-Band Antenna  
Transmit Band ElevationPattern  
5.85 GHz - Vertical Polarization

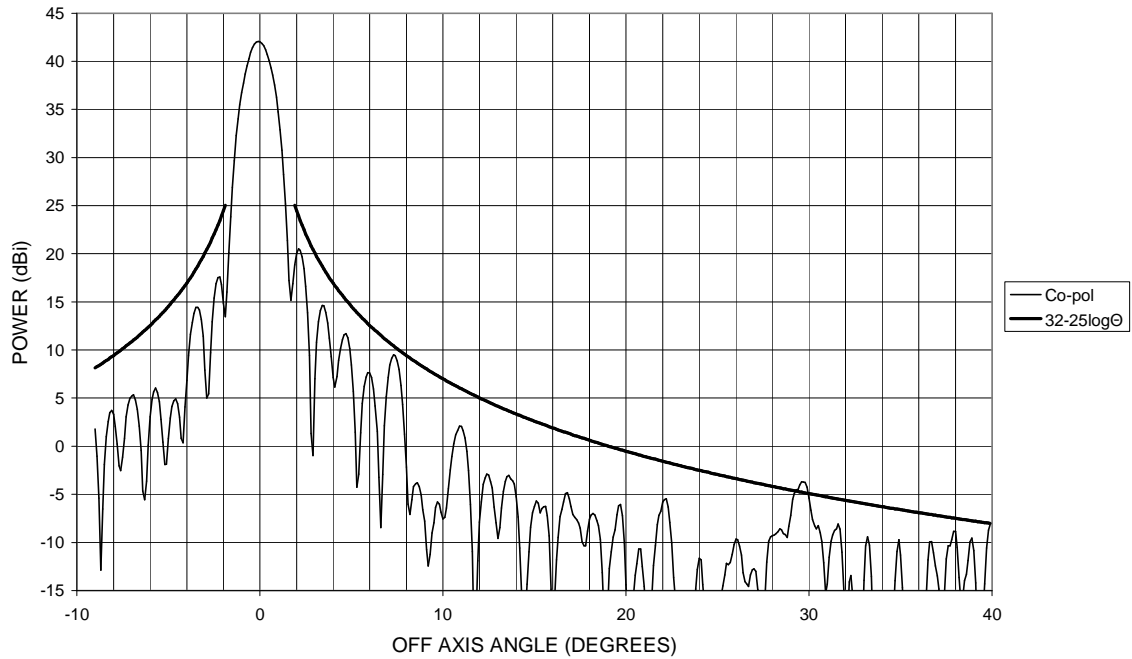


# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Transmit Band ElevationPattern  
6.1375 GHz - Vertical Polarization**



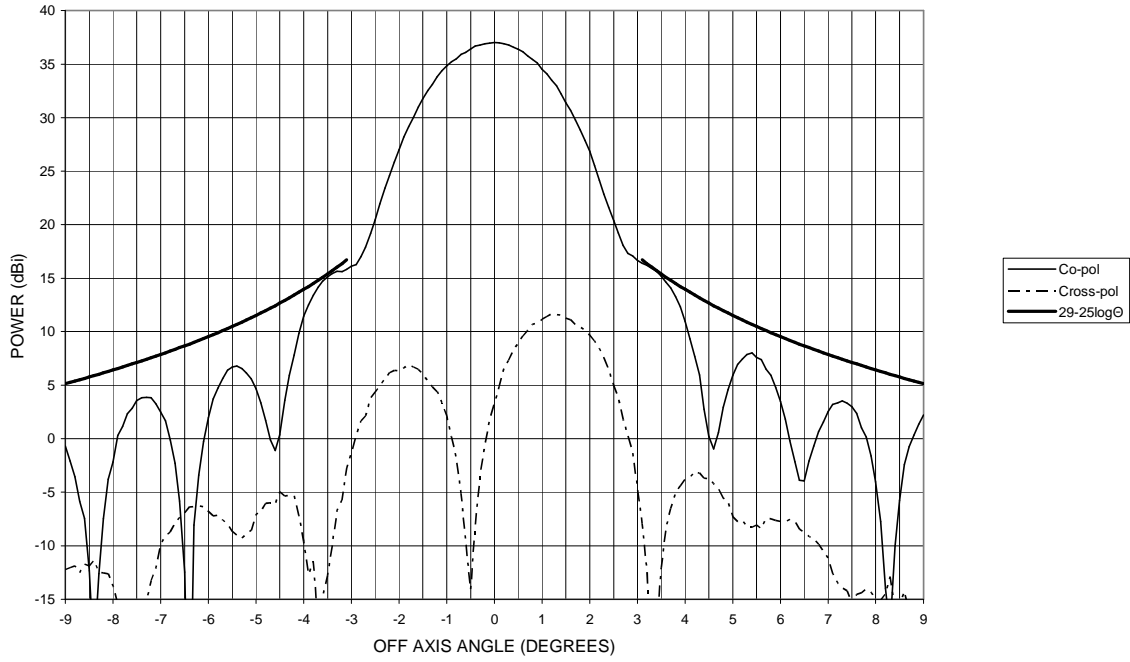
**AvL 2.4M C-Band Antenna  
Transmit Band ElevationPattern  
6.425 GHz - Vertical Polarization**



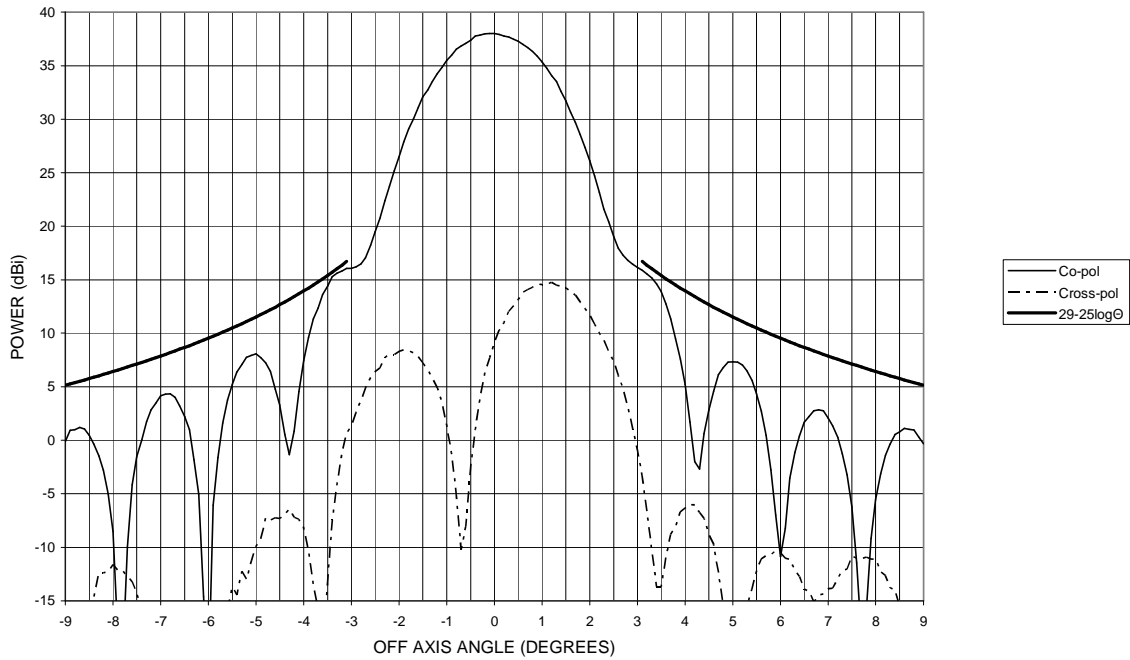
2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M Antenna C Band Receive Azimuth Patterns  
MODEL 2410C – Linear C Band Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
3.625 GHz - Horizontal Polarization

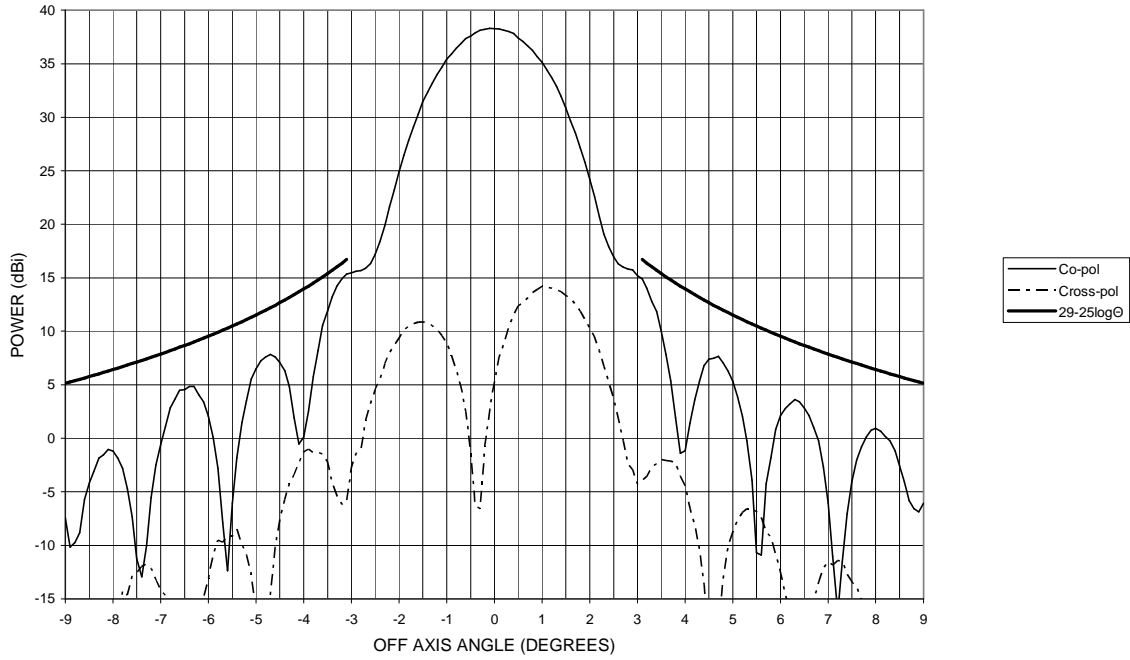


AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
3.9125 GHz - Horizontal Polarization

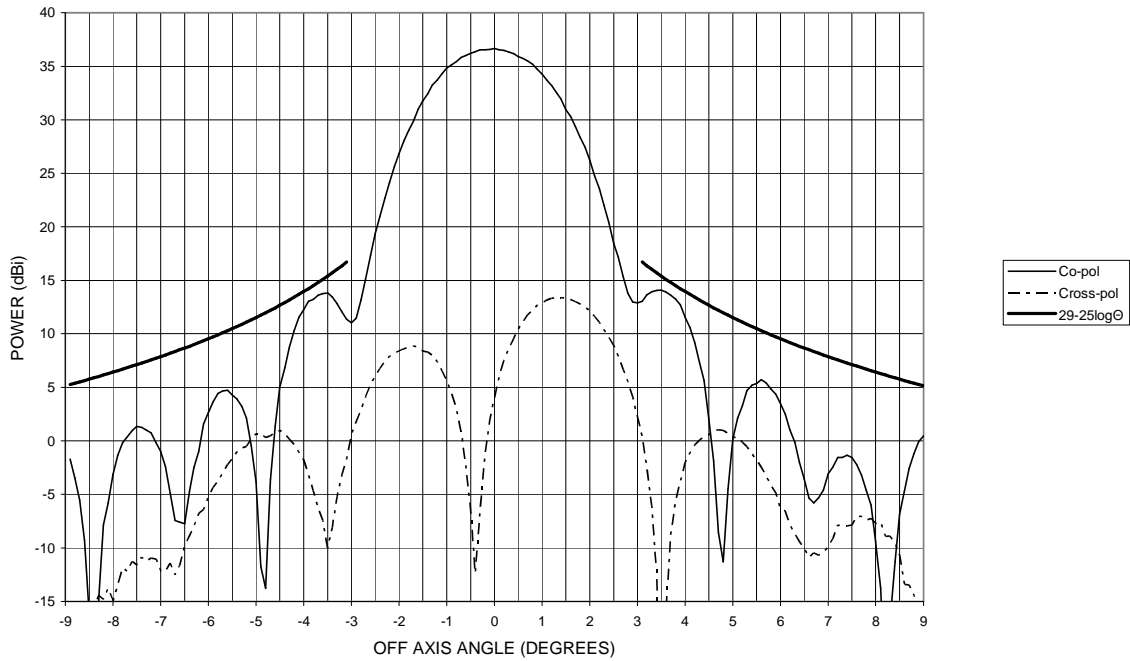


2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
4.2 GHz - Horizontal Polarization

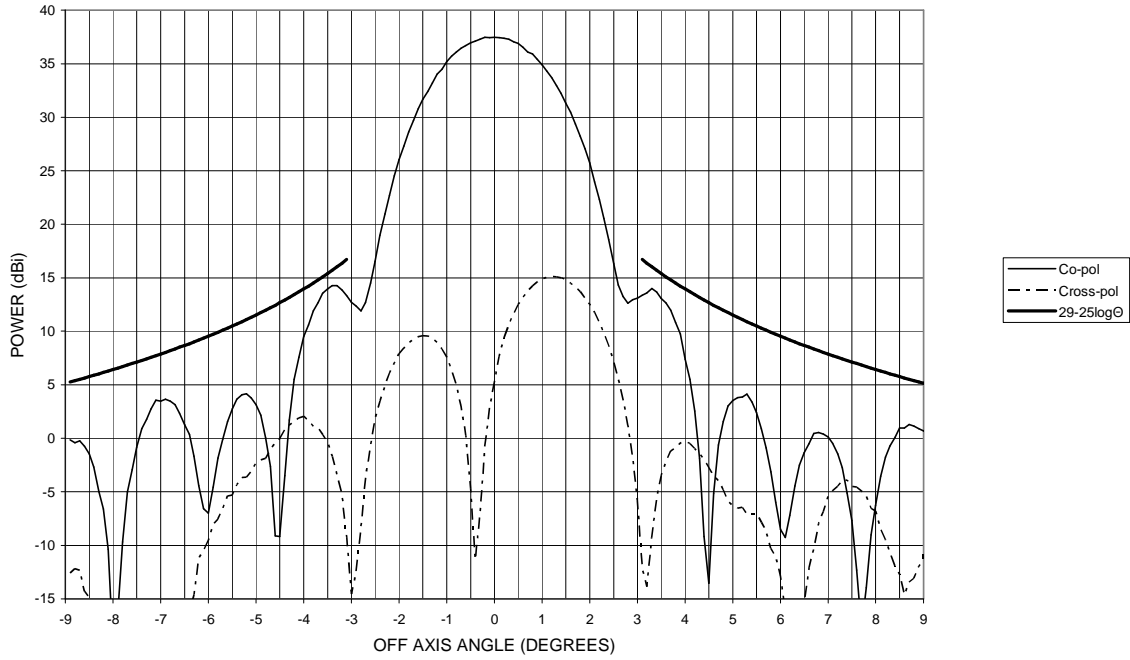


AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
3.625 GHz - Vertical Polarization

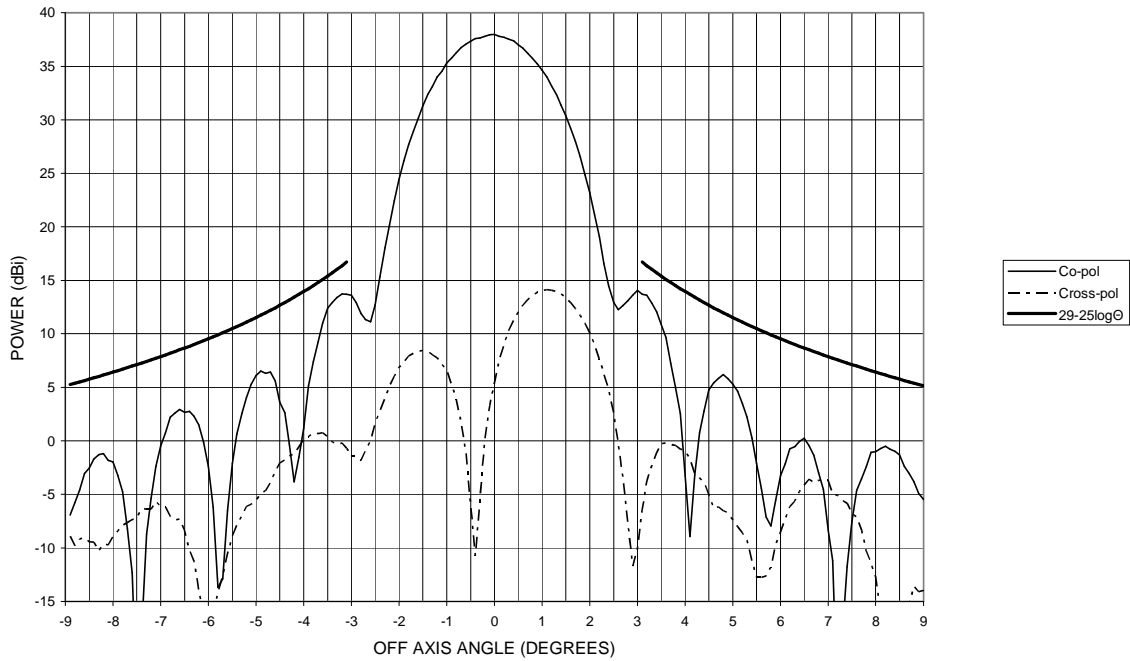


2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
3.9125 GHz - Vertical Polarization



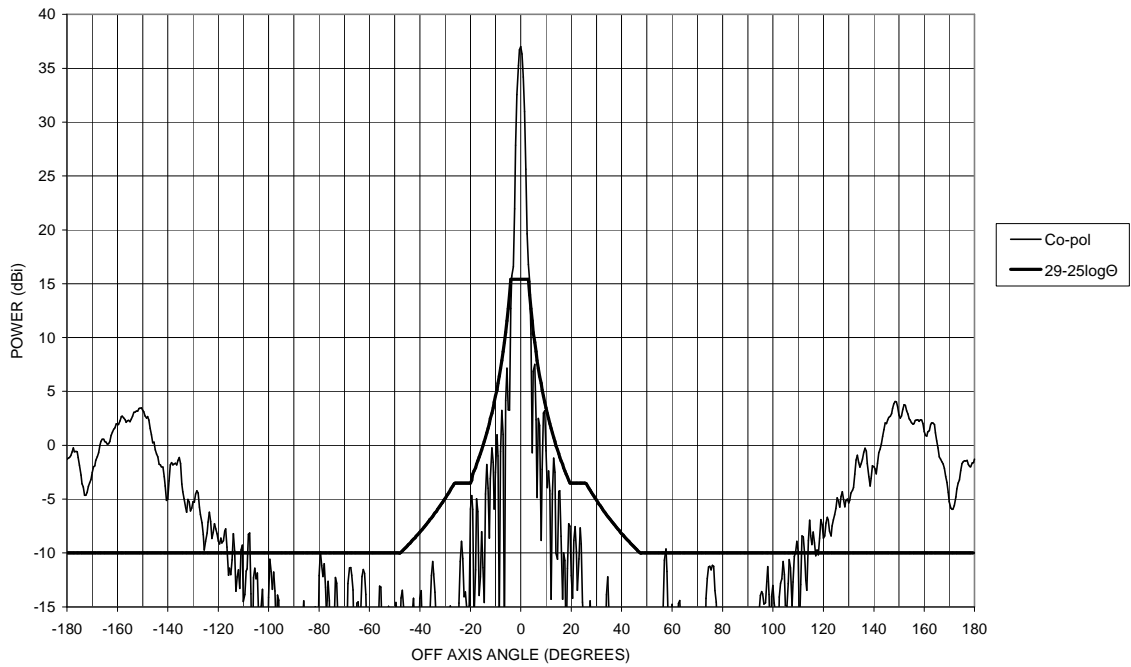
AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
4.2 GHz - Vertical Polarization



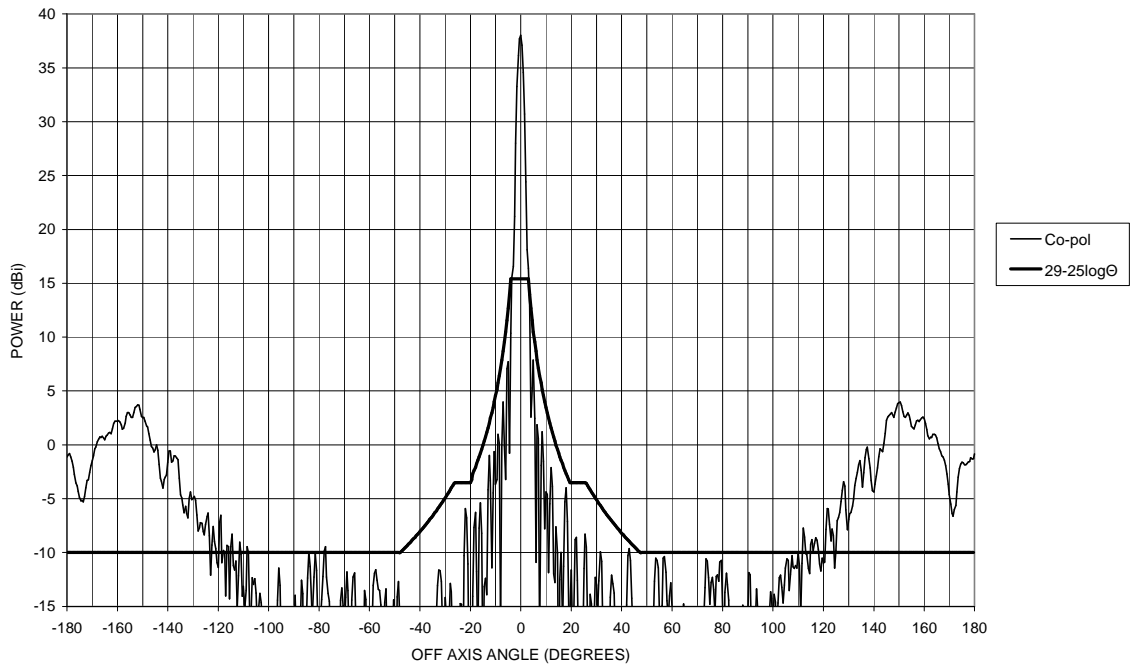


# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
3.625 GHz - Horizontal Polarization**

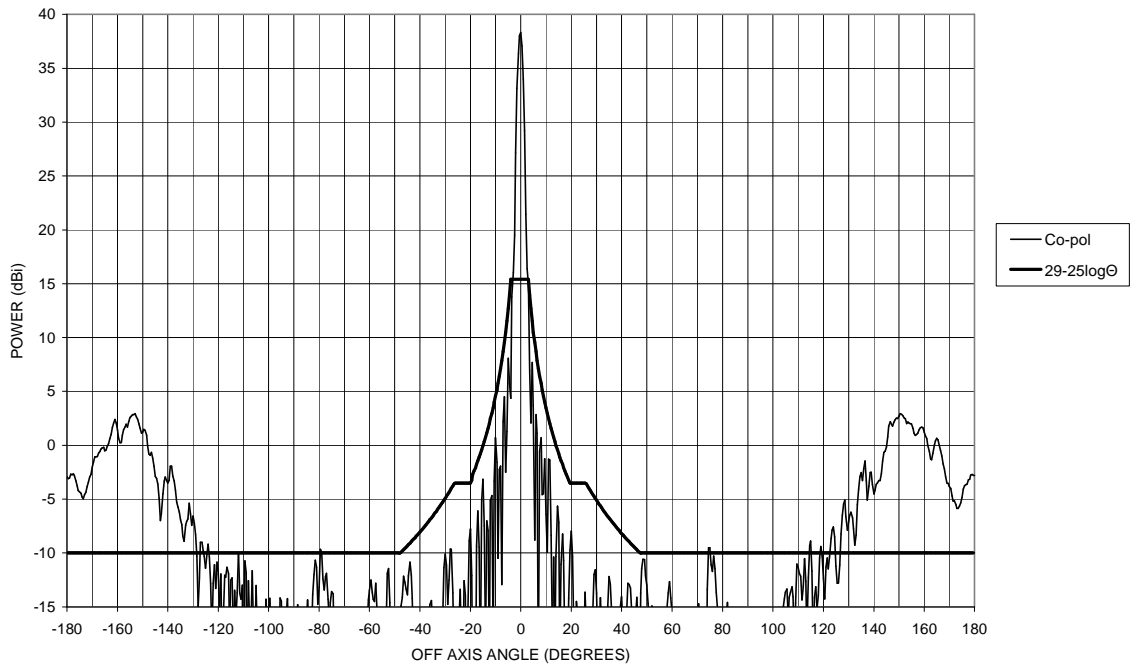


**AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
3.9125 GHz - Horizontal Polarization**

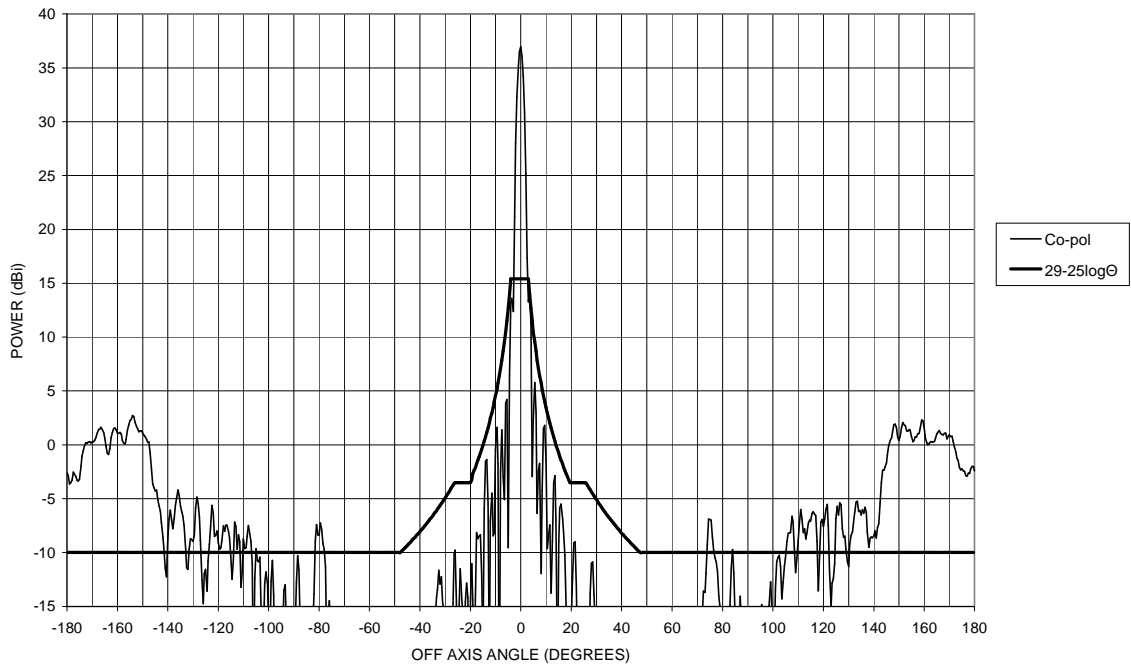


# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
4.2 GHz - Horizontal Polarization**

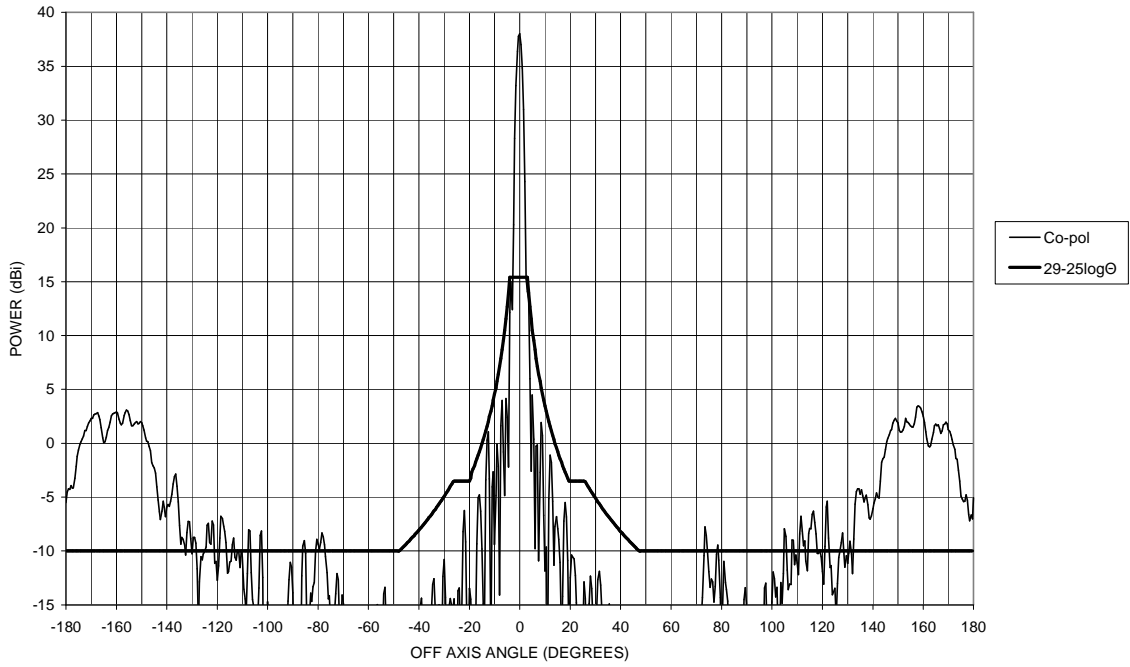


**AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
3.625 GHz - Vertical Polarization**

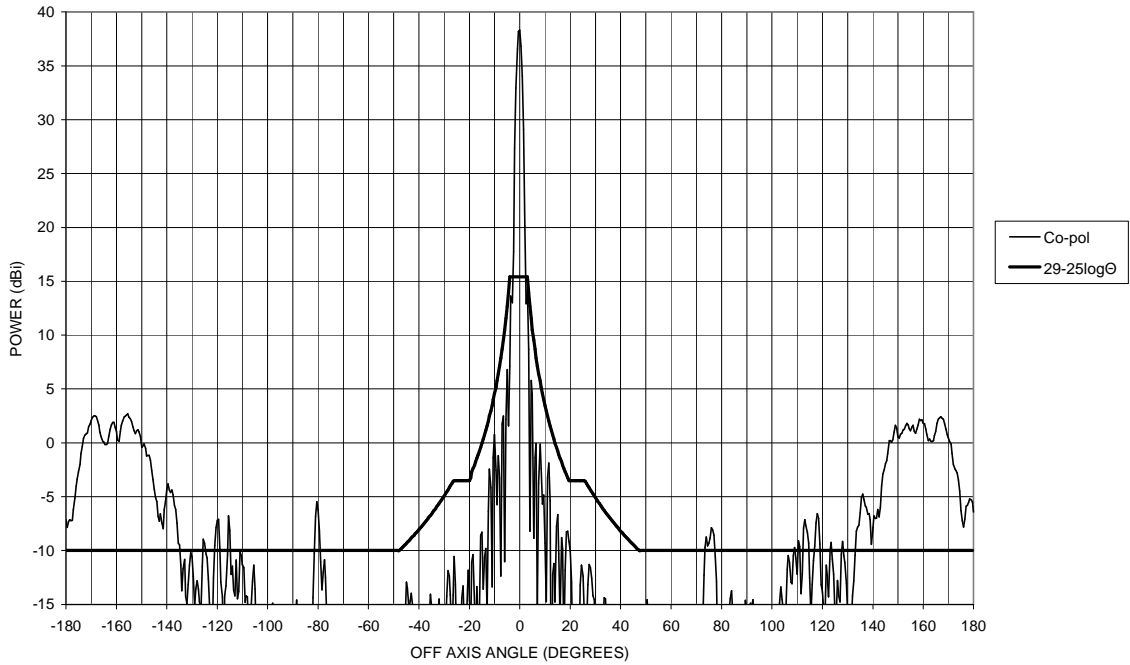


# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
3.9125 GHz - Vertical Polarization**



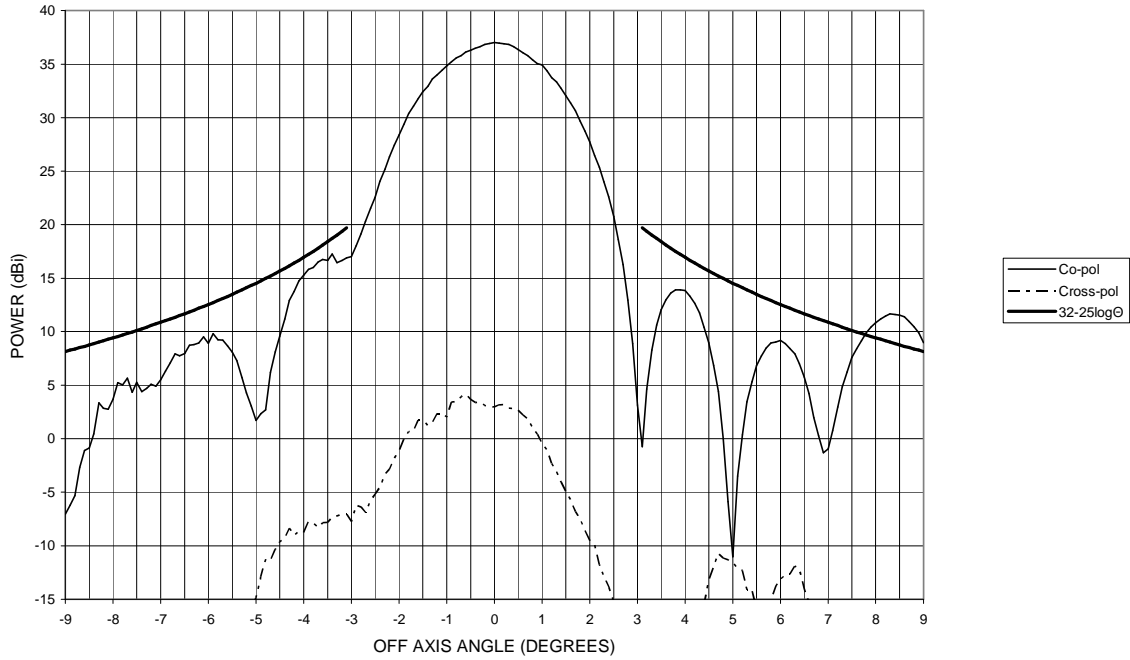
**AvL 2.4M C-Band Antenna  
Receive Band Azimuth Pattern  
4.2 GHz - Vertical Polarization**



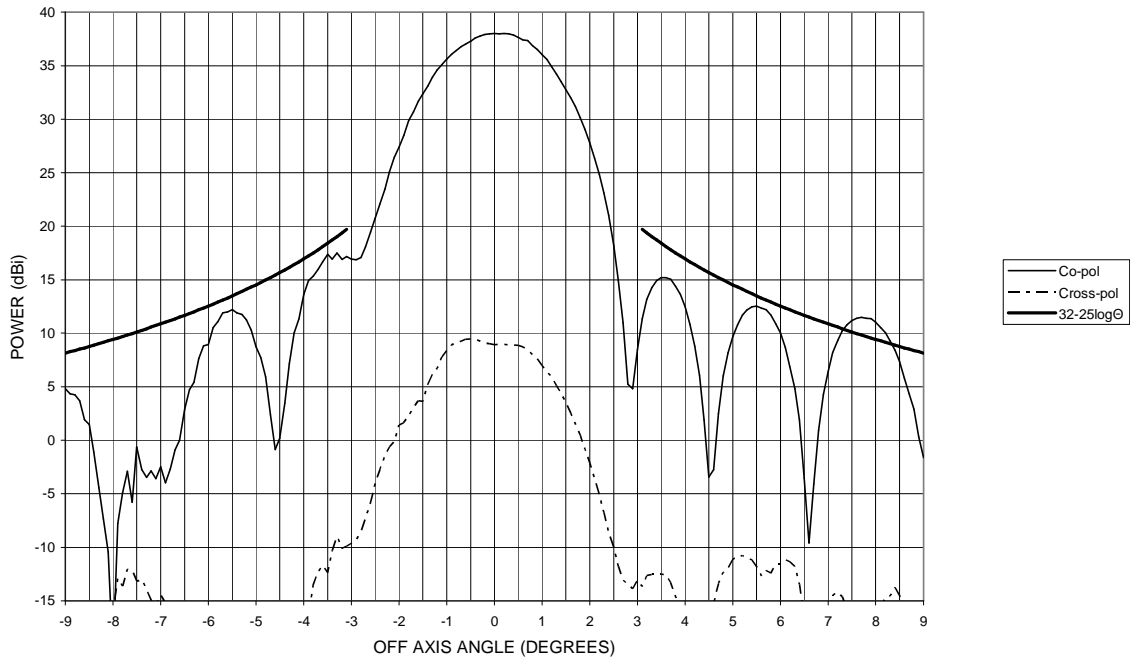
2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M Antenna C Band Receive Elevation Patterns  
MODEL 2410C – Linear C Band Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Receive Band Elevation Pattern  
3.625 GHz - Horizontal Polarization

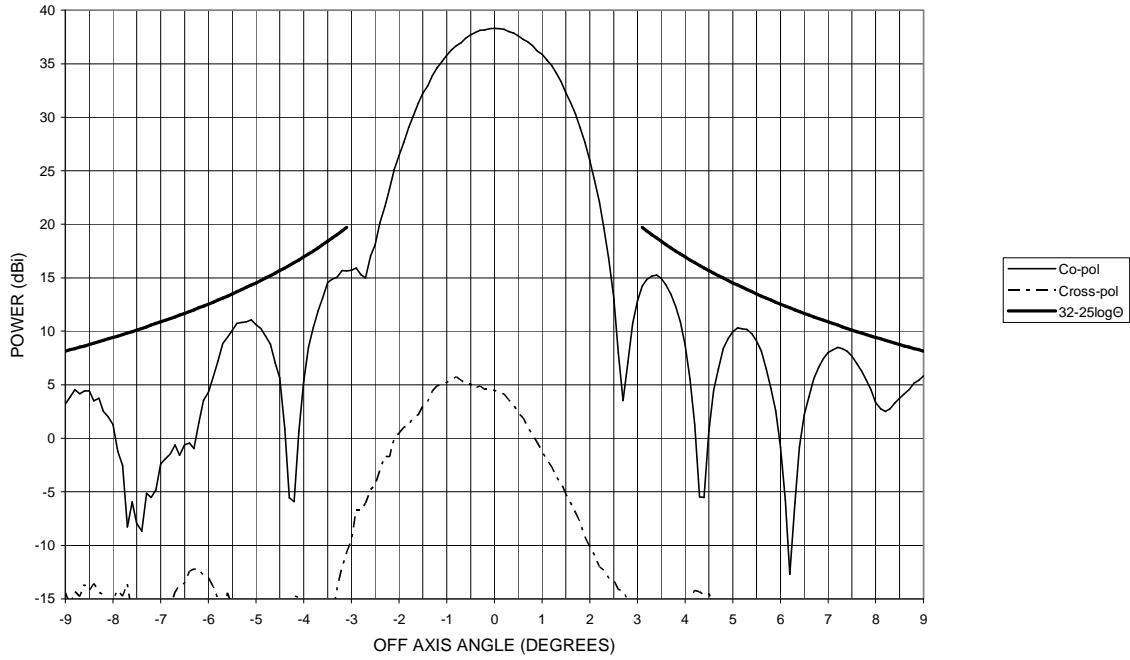


AvL 2.4M C-Band Antenna  
Receive Band Elevation Pattern  
3.9125 GHz - Horizontal Polarization

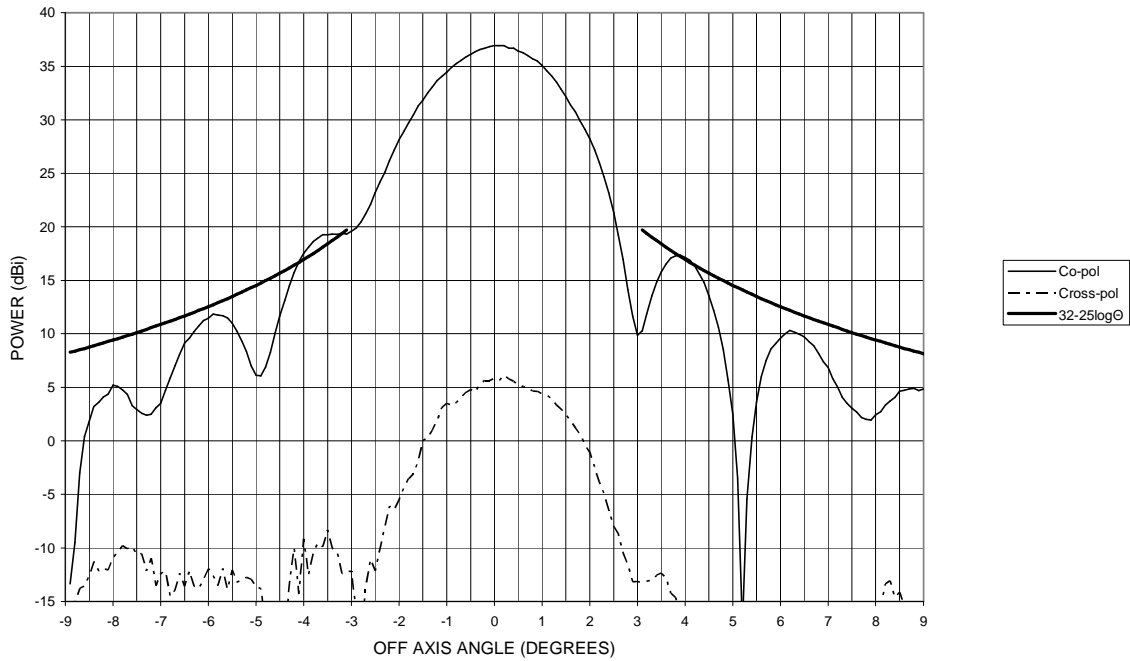


# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Receive Band Elevation Pattern  
4.2 GHz - Horizontal Polarization**

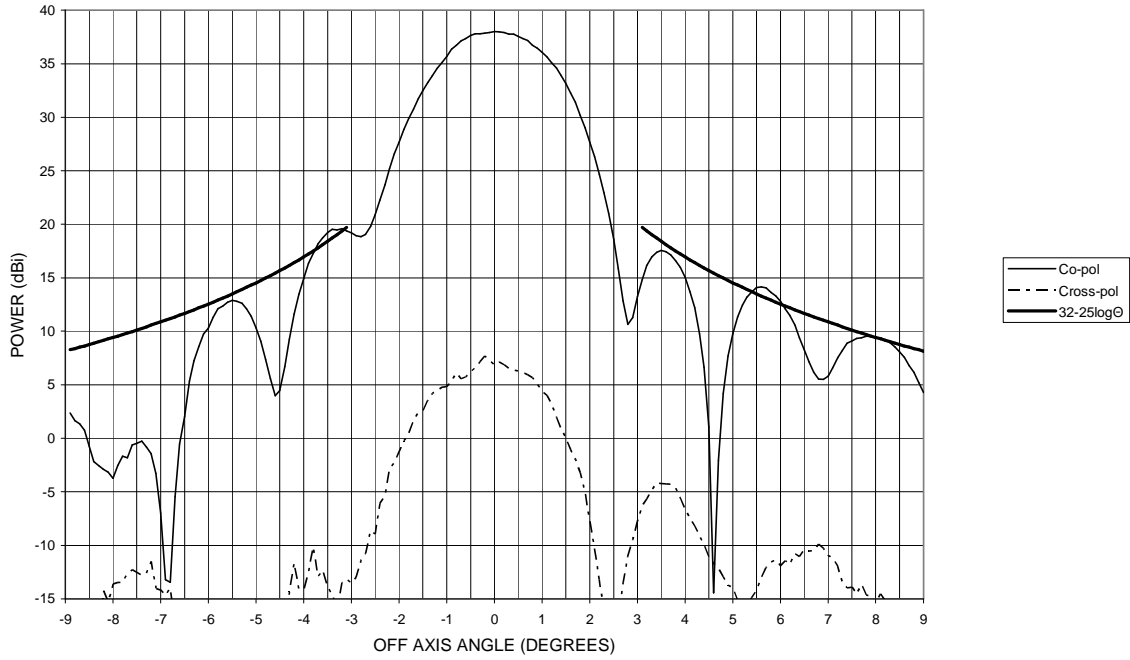


**AvL 2.4M C-Band Antenna  
Receive Band Elevation Pattern  
3.625 GHz - Vertical Polarization**

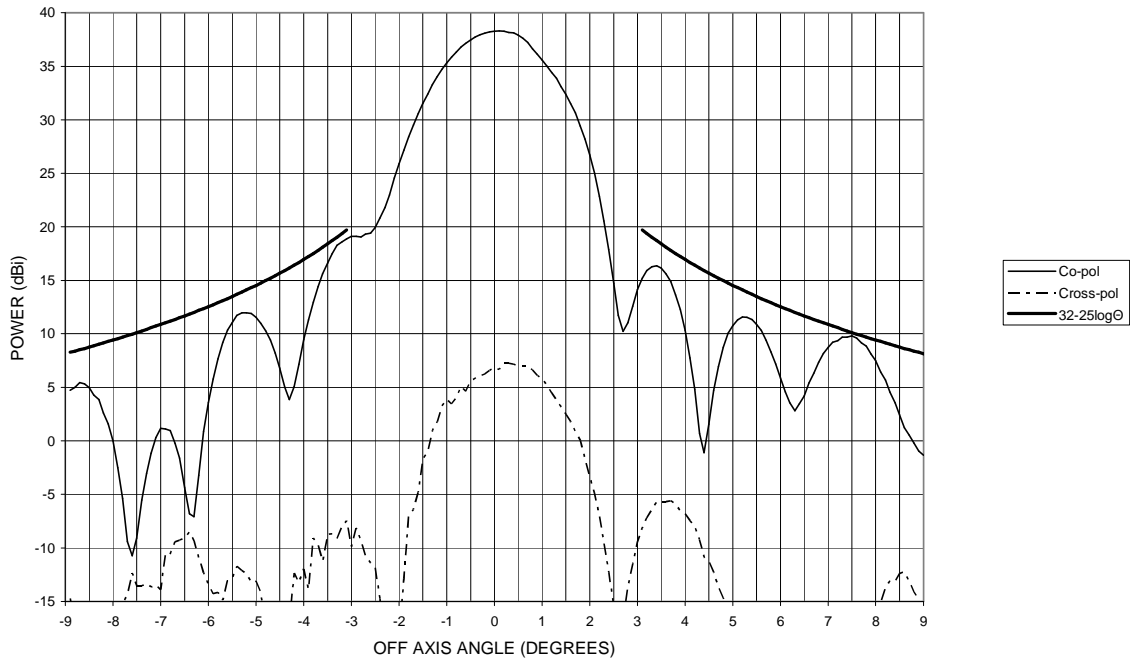


2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Receive Band Elevation Pattern  
3.9125 GHz - Vertical Polarization

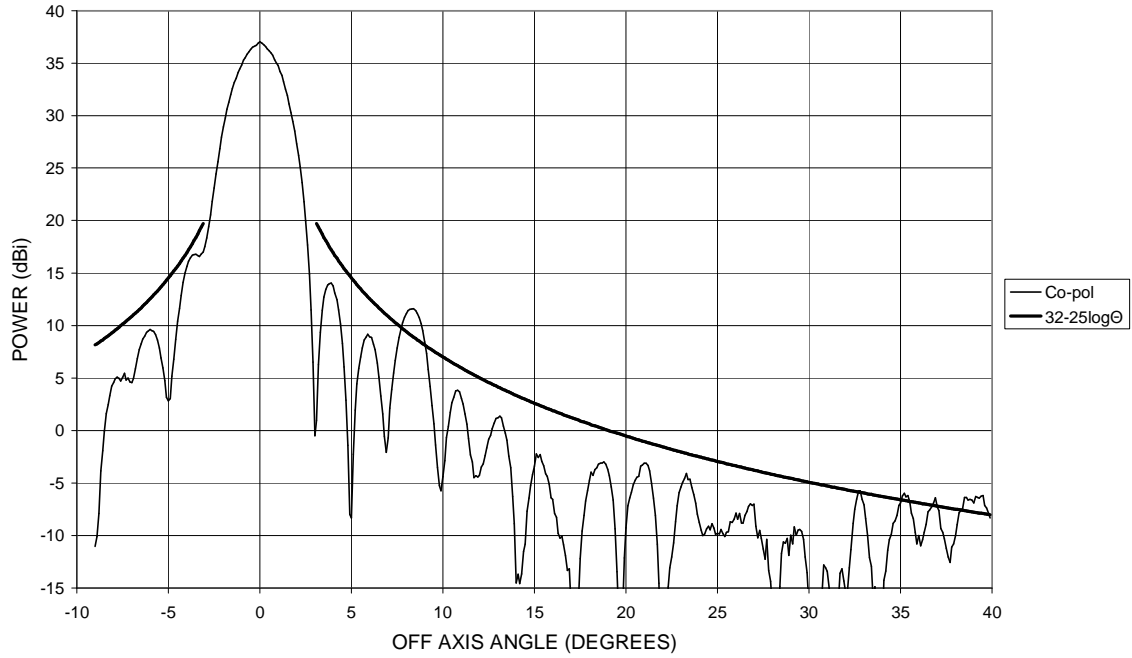


AvL 2.4M C-Band Antenna  
Receive Band Elevation Pattern  
4.2 GHz - Vertical Polarization

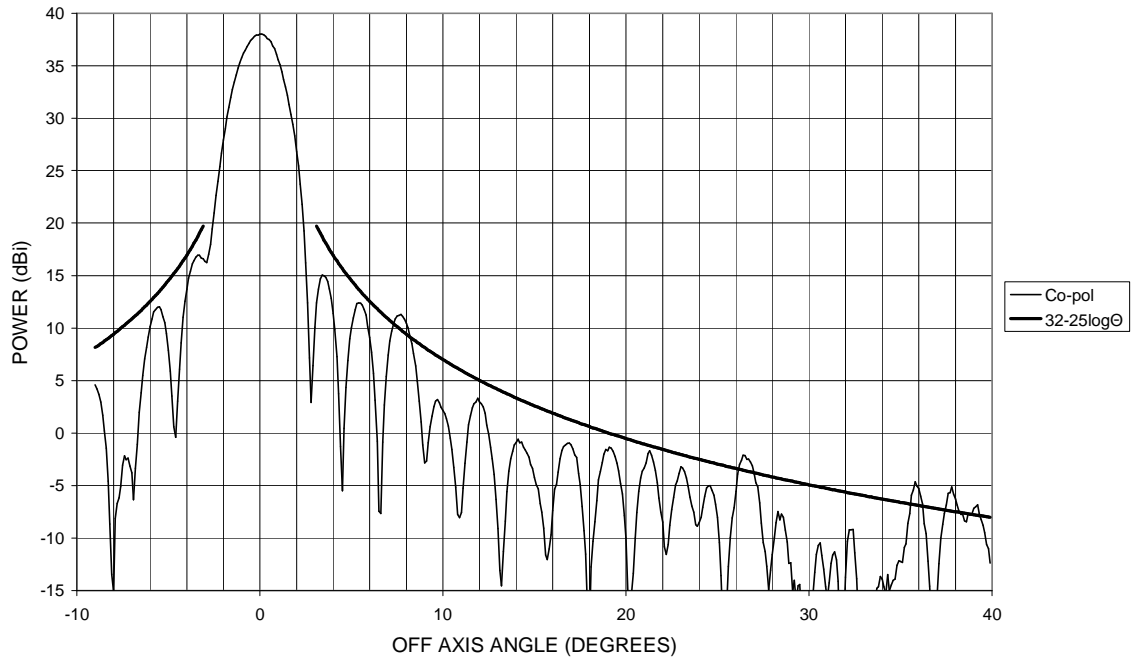


# 2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Receive Band ElevationPattern  
3.625 GHz - Horizontal Polarization

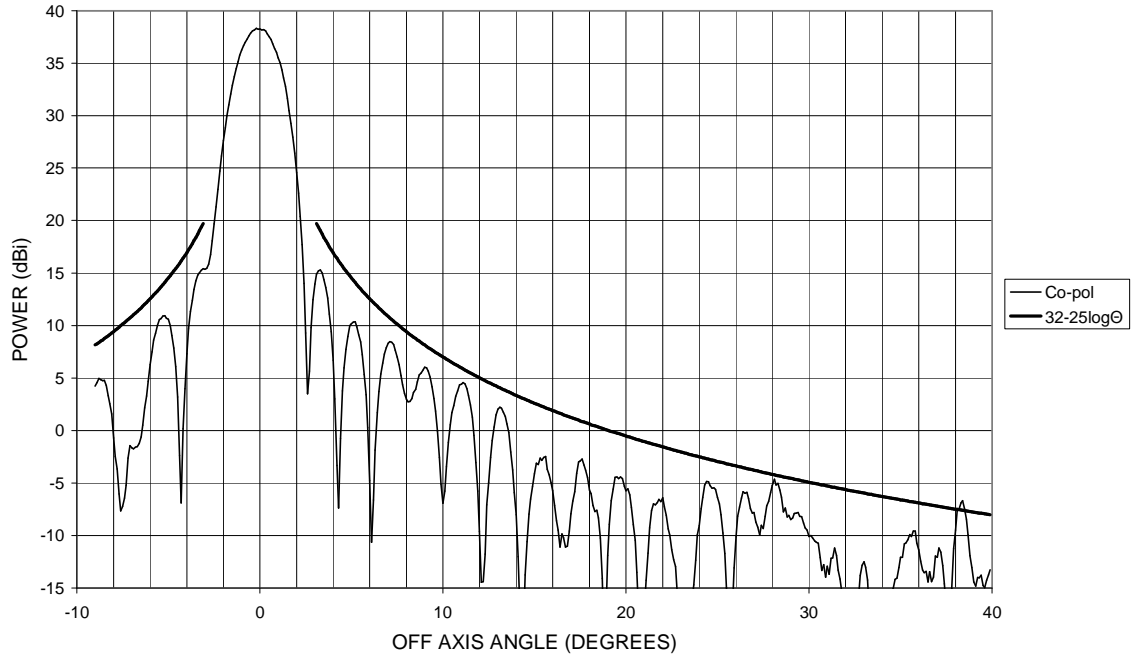


AvL 2.4M C-Band Antenna  
Receive Band ElevationPattern  
3.9125 GHz - Horizontal Polarization

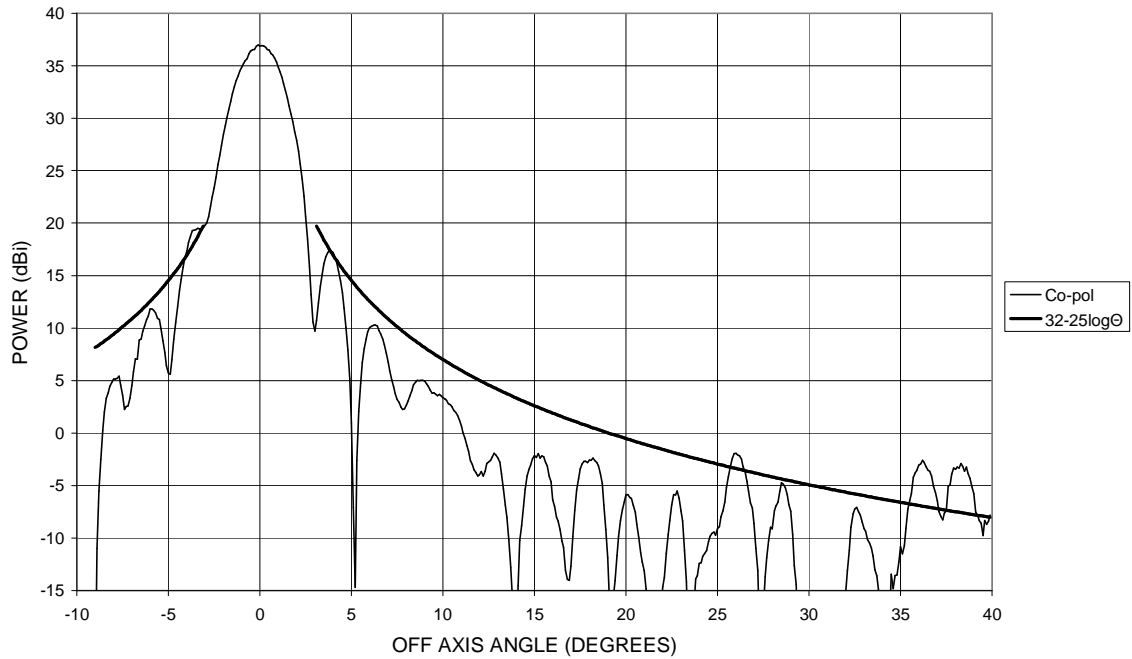


2.4m with Linear C Band LP Feed P/N 500-075-301

AvL 2.4M C-Band Antenna  
Receive Band ElevationPattern  
4.2 GHz - Horizontal Polarization



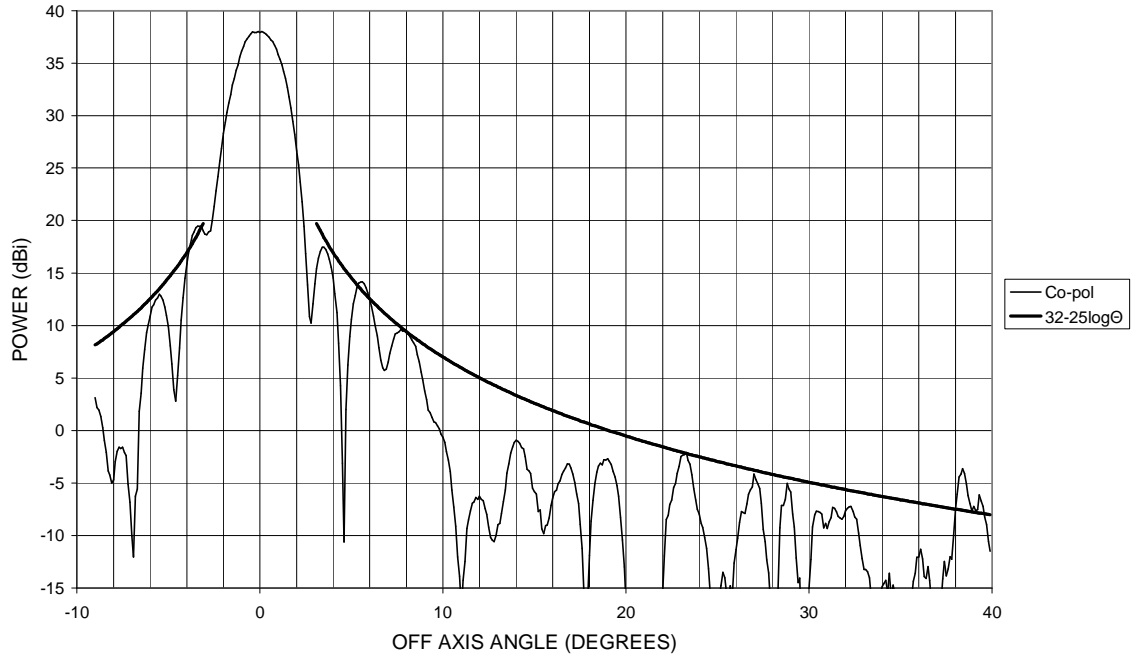
AvL 2.4M C-Band Antenna  
Receive Band ElevationPattern  
3.625 GHz - Vertical Polarization





# 2.4m with Linear C Band LP Feed P/N 500-075-301

**AvL 2.4M C-Band Antenna  
Receive Band ElevationPattern  
3.9125 GHz - Vertical Polarization**



**AvL 2.4M C-Band Antenna  
Receive Band ElevationPattern  
4.2 GHz - Vertical Polarization**

