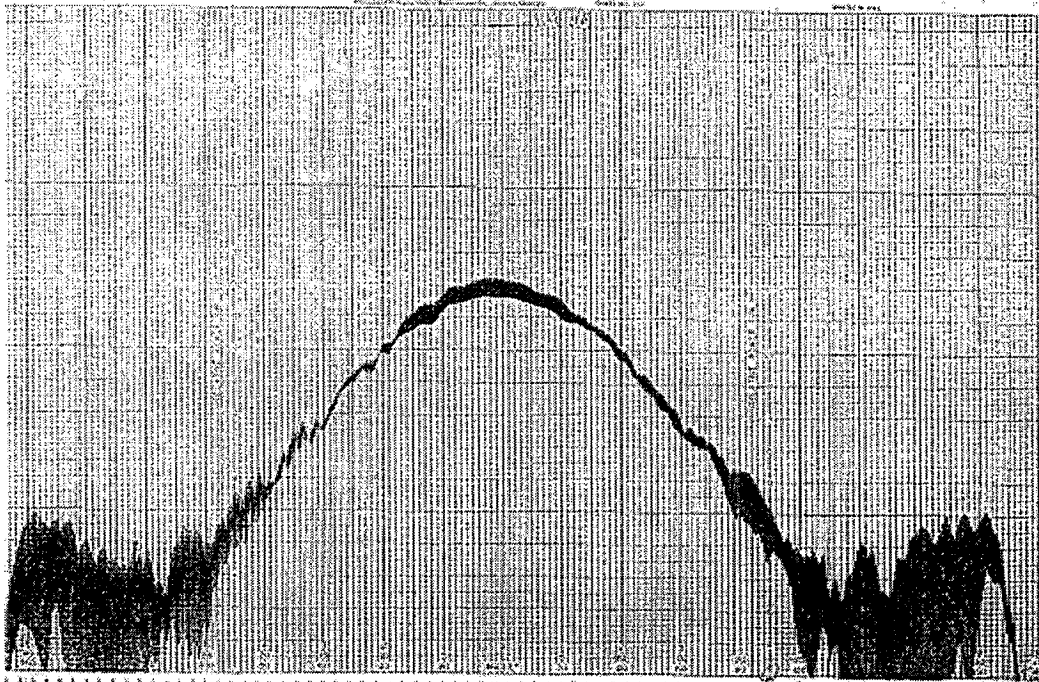


**EXHIBIT 2J: C-BAND COMMAND BEAM – PIPE ANTENNAS**  
**(RIGHT HAND CIRCULAR POLARIZATION)**  
**[Schedule S Beam ID: CMDP]**

Azimuth Cut Antenna Gain Pattern



Notes:

- 1) Gain variation in azimuth shown for elevation angle of 0°.
- 2) The x-axis represents the azimuth angle and spans from -180° to +180°. Each major axis division line represents 20° of azimuth.
- 3) The y-axis represents the antenna gain. Each major axis division line represents 2 dB of gain.

Peak Antenna Gain: 5.1 dBi

Peak G/T: -29.0 dB/K

Command Sensitivity: -96.7 dBW/m<sup>2</sup>