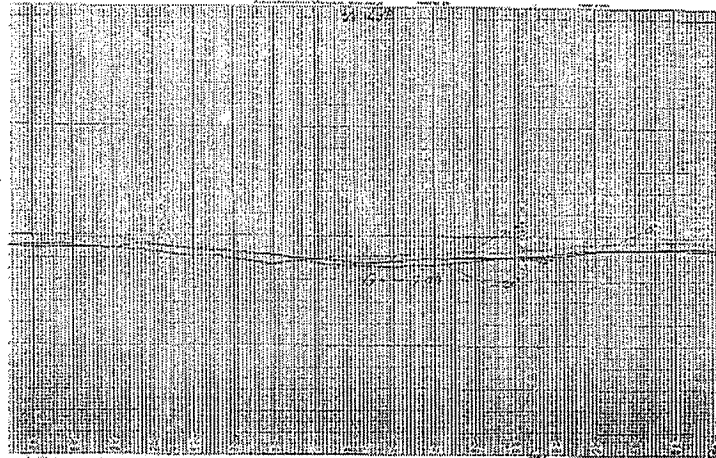


EXHIBIT 2K: C-BAND COMMAND BEAM – BICONE ANTENNA
(HORIZONTAL POLARIZATION)
[Schedule S Beam ID: CMDDB]

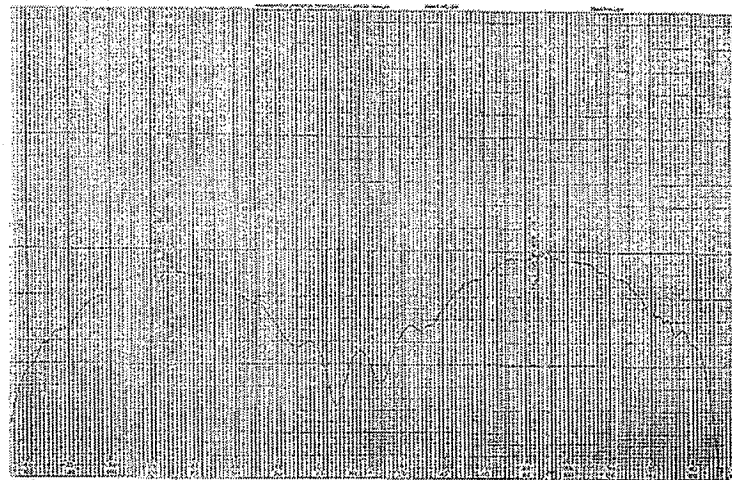
(a) Azimuth Cut Antenna Gain Pattern



Notes:

- 1) Gain variation in azimuth shown for elevation angles of 0° and $\pm 20^\circ$.
- 2) The x-axis represents the azimuth angle and spans from -180° to $+180^\circ$. 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.

(b) Elevation Cut Antenna Gain Pattern



Notes:

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

Peak Antenna Gain: -2.3 dBi

Peak G/T: -34.7 dB/K

Command Sensitivity: -90.1 dBW/m²