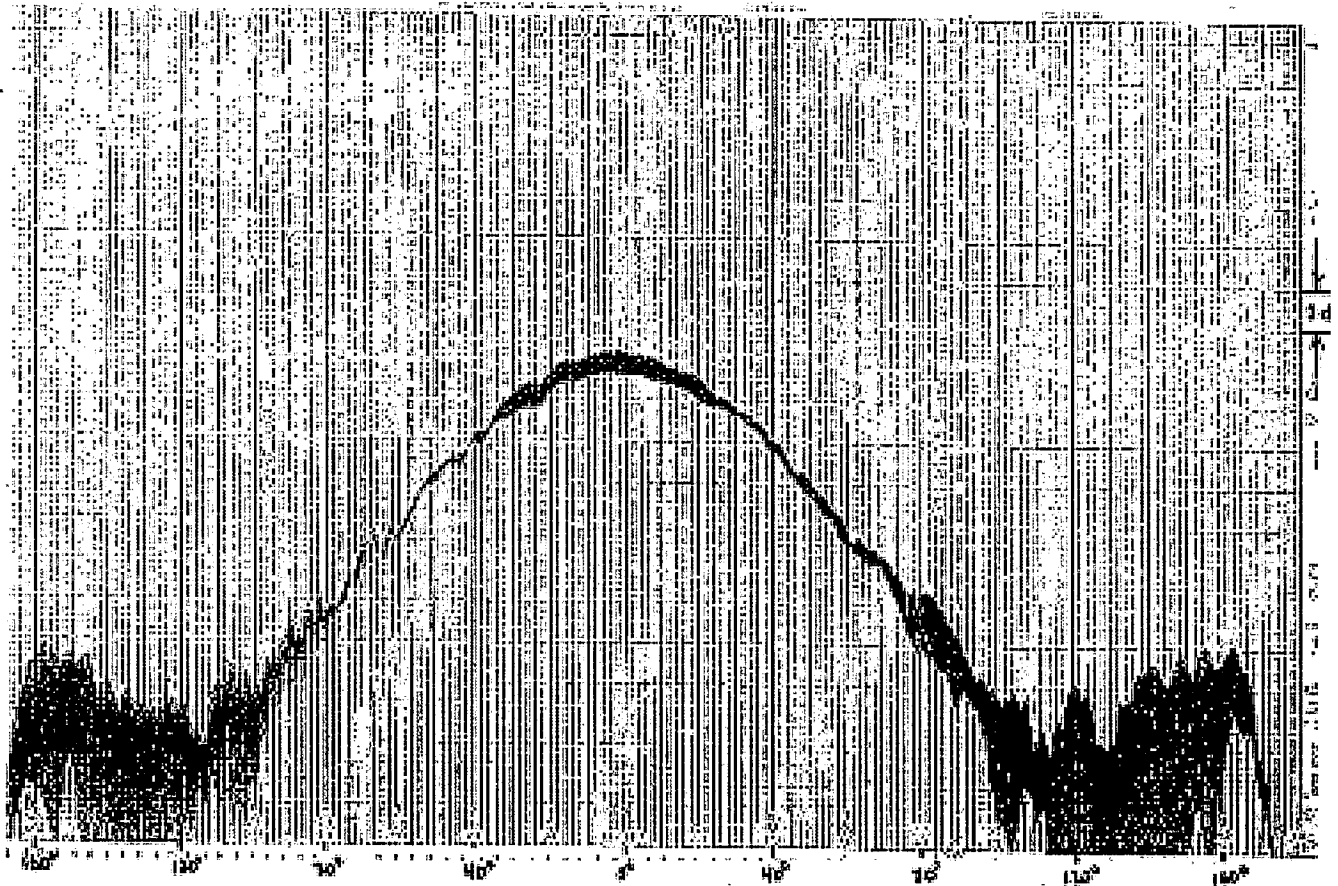


EXHIBIT 2S: Back-Up Command Receive Beam
(Pipe Antenna)
(Schedule S Beam ID: CMDP)

Polarization: Left Hand Circular
Peak Antenna Gain: 3.8 dBi
Peak G/T: -28.7 dB/K
Command Threshold @ Peak G/T: -94.3 dBW/m²

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.