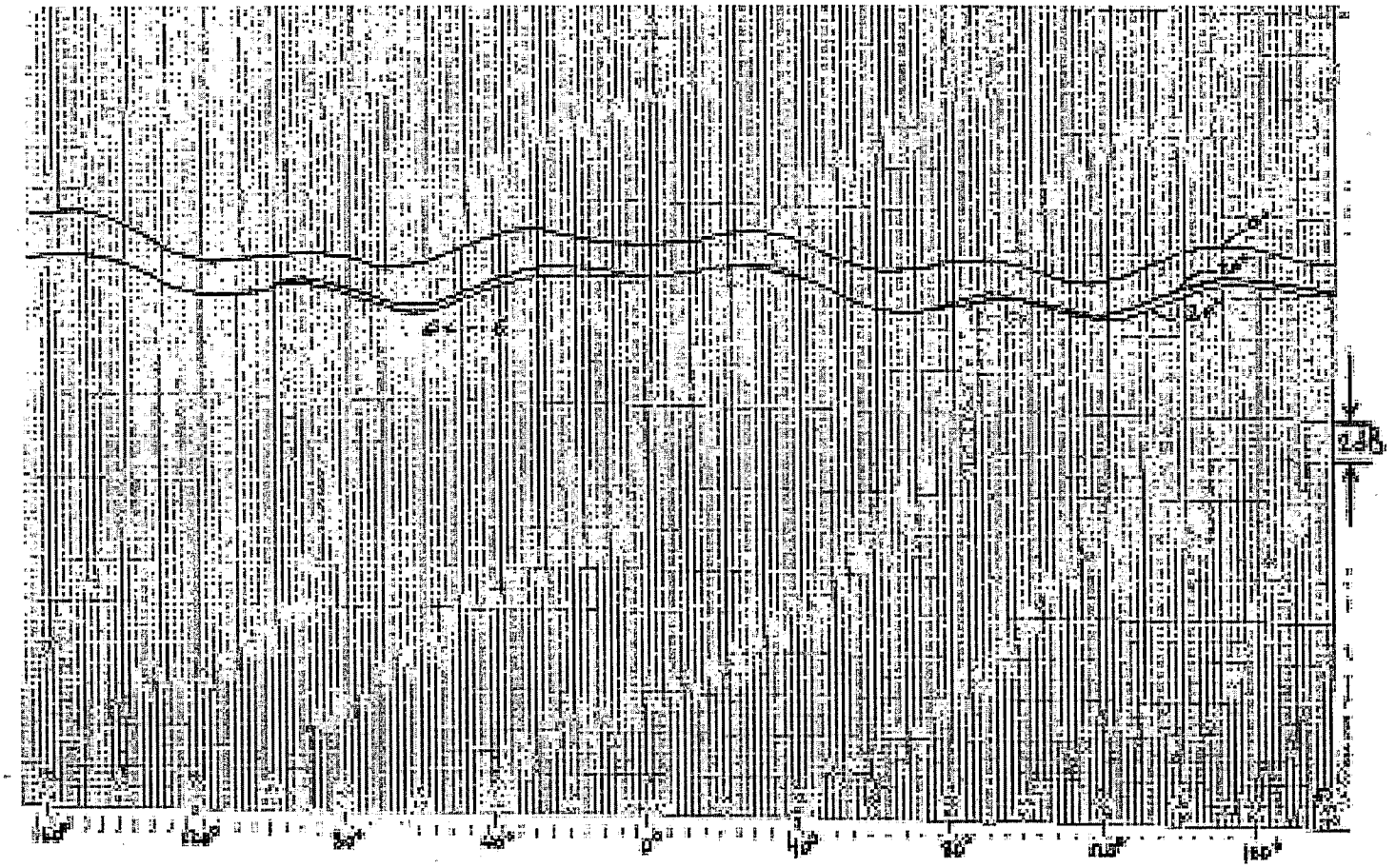
Exhibit 1AA: Telemetry Beam (Emergency)

Beam Polarization: Horizontal
Beam Peak Gain: 3.7 dBi
Beam Peak EIRP: 11.8 dBW
[Schedule S Beam Designation: TLMB]

(a) Azimuth Cut Antenna Gain Pattern

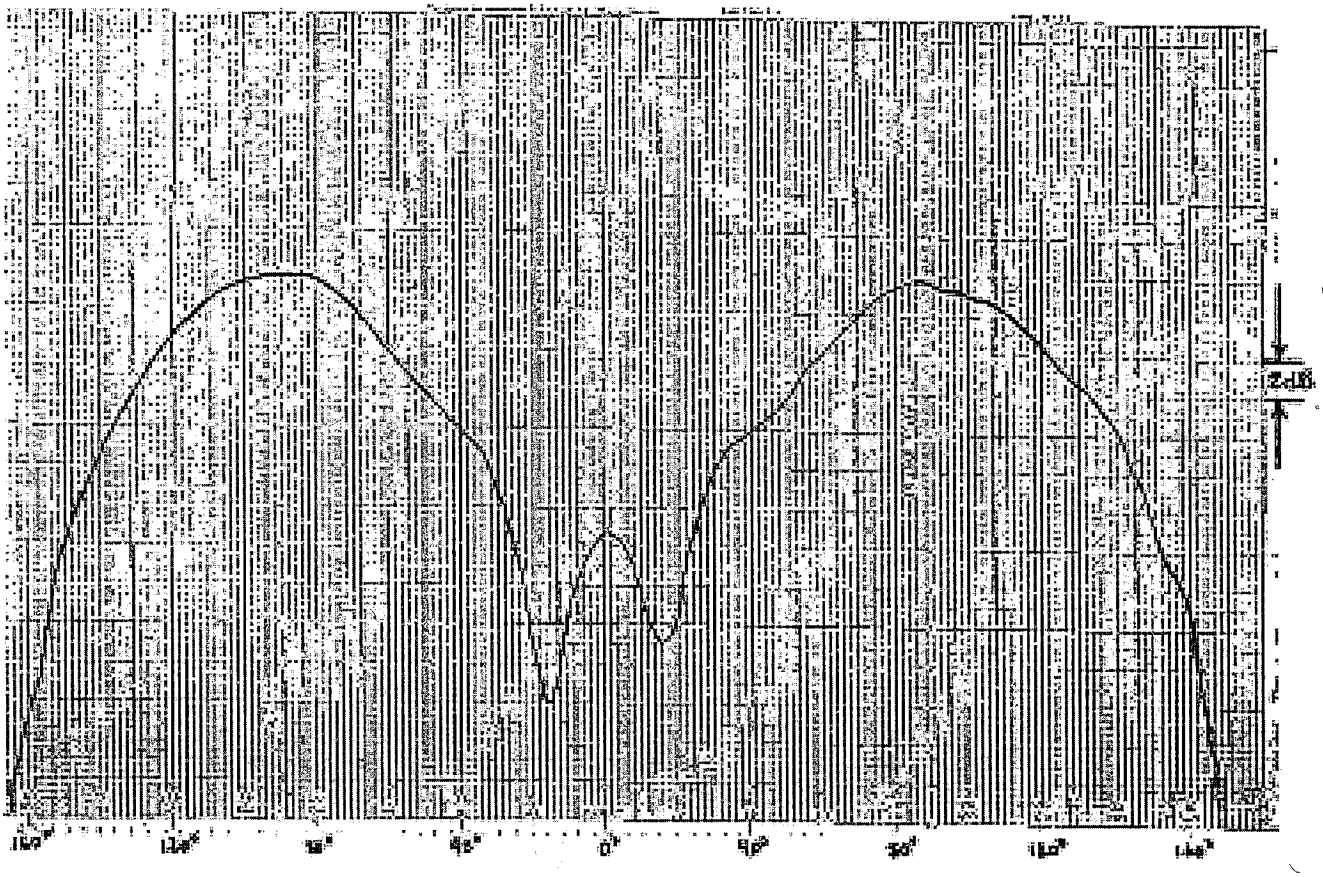


Notes:
1) Gain variation in azimuth shown for elevation angles of 0° and ±20°.
2) The x-axis represents the azimuth angle and spans from -180° to +180°. Each major axis division line represents 20° of azimuth.
3) The y-axis represents the antenna gain. Each major axis division line represents 2 dB of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

Exhibit 1AA: Telemetry Beam (Emergency) - continued

Beam Polarization: Horizontal
Beam Peak Gain: 3.7 dBi
Beam Peak EIRP: 11.8 dBW
[Schedule S Beam Designation: TLMB]

(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°. 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.