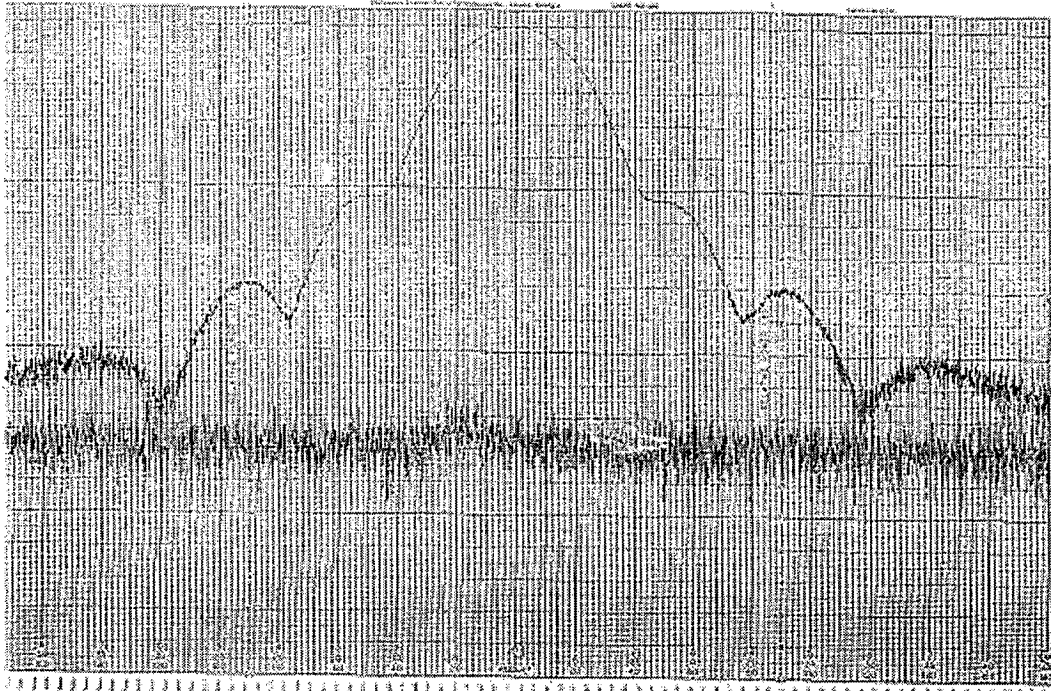


**EXHIBIT 20: Ku-BAND ULPC BEAM**  
**(HORIZONTAL POLARIZATION)**  
**[Schedule S Beam ID: UPCH]**



Notes:

- 1) Gain variation in azimuth shown for elevation angle of 0°.
- 2) The x-axis represents the azimuth angle and spans from -90° to +90°. Each major axis division line represents 10° of azimuth.
- 3) The y-axis represents the antenna gain. Each major axis division line represents 4 dB of gain.

Peak Antenna Gain: 22.8 dBi

Peak EIRP: 15.8 dBW