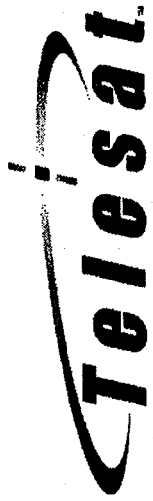


FIGURE 5
T-11N



MAOR/NAOR Beam EIRP Contours

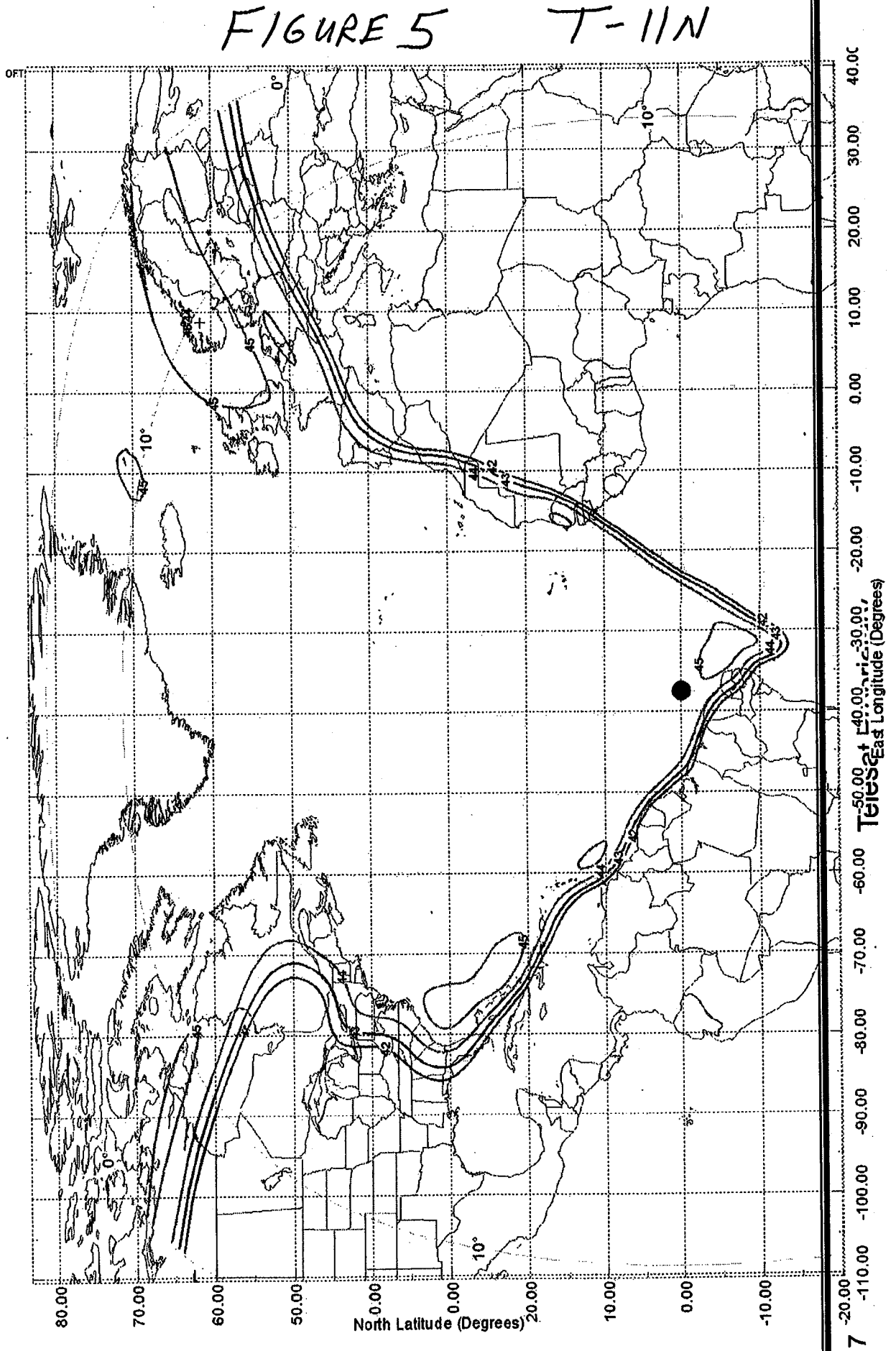
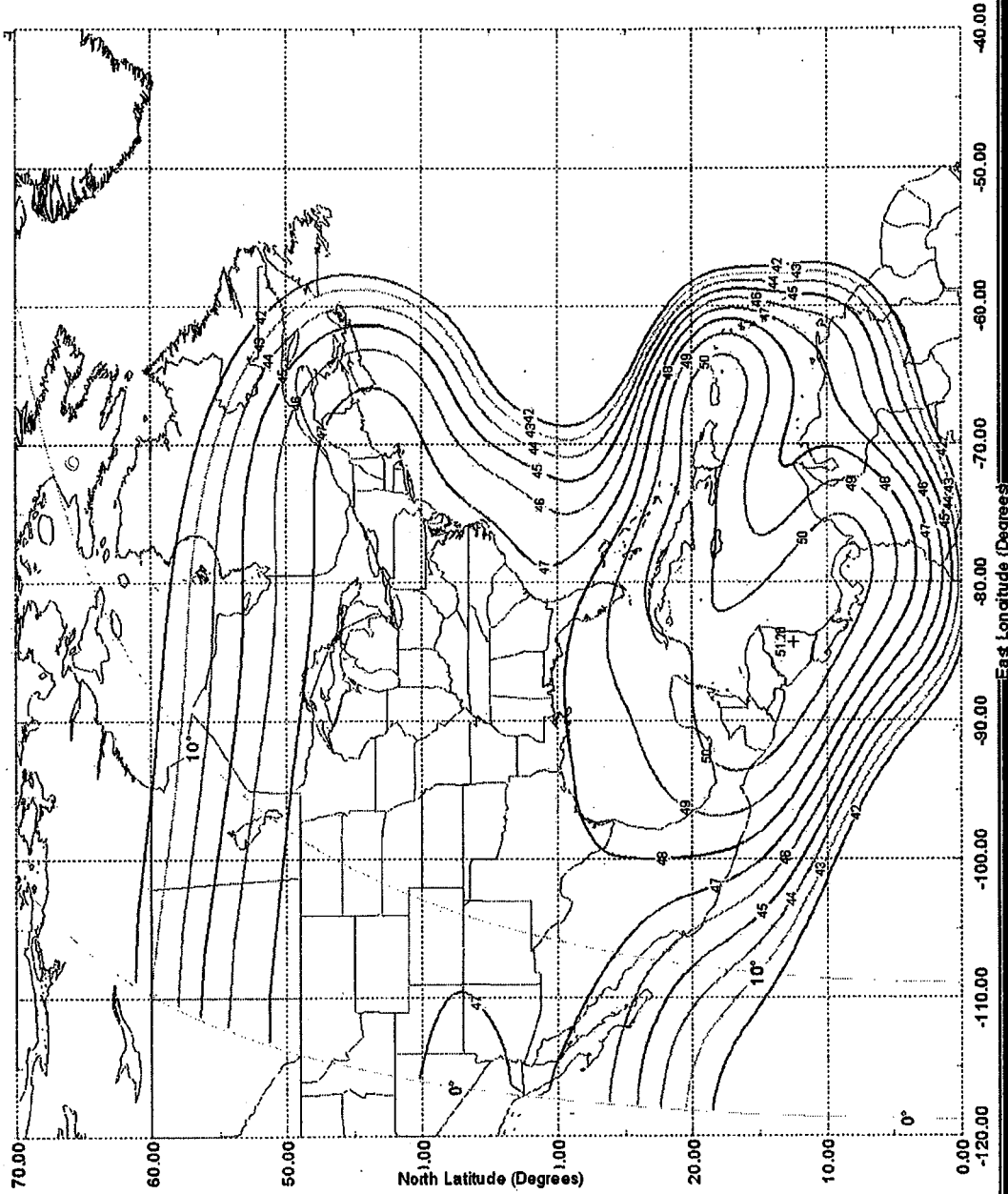


FIGURE 5 T-11N

FIGURE 5 T-11N



US Beam EIRP Contours



Telesat Proprietary

FIGURE 5

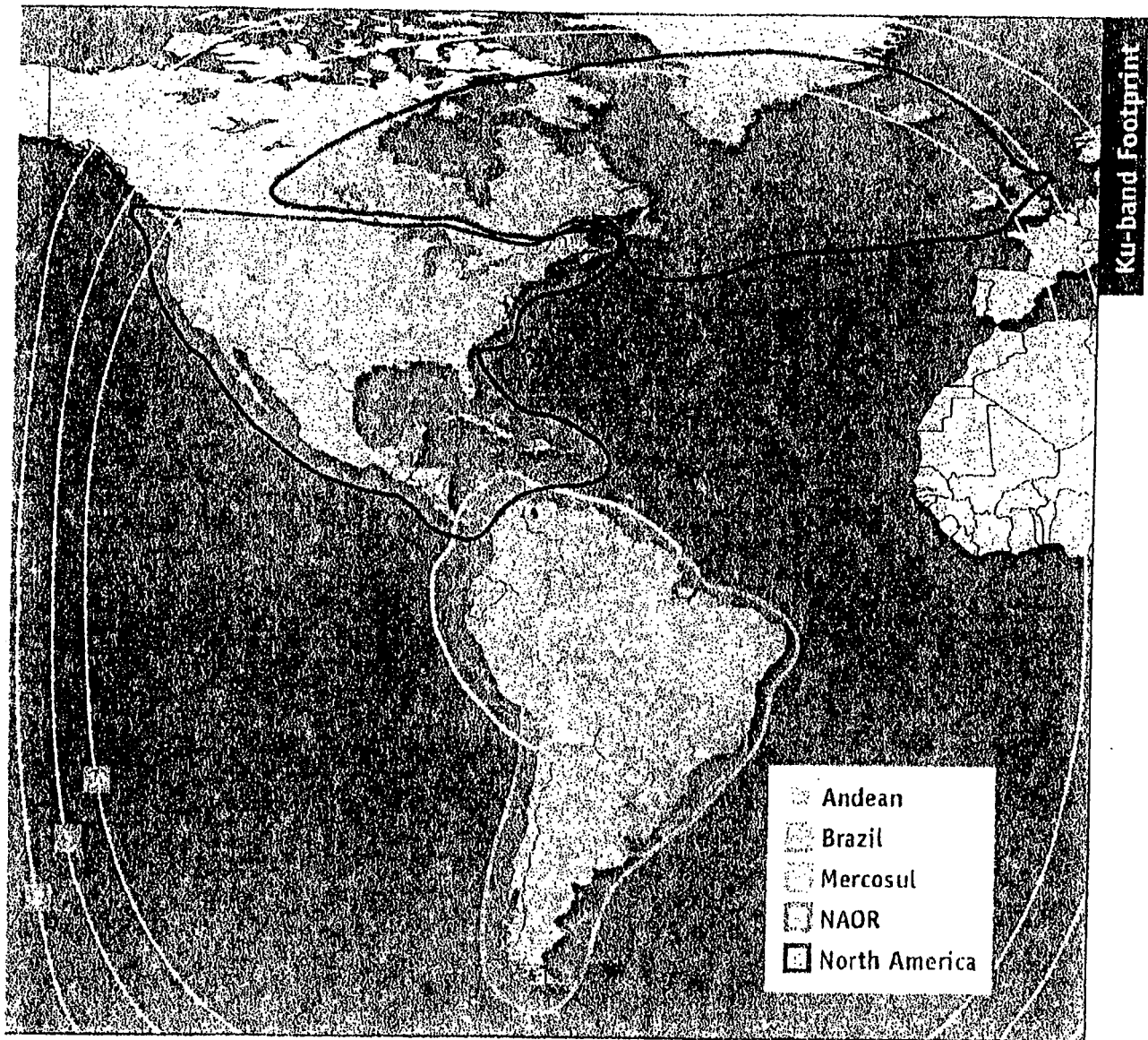


FIGURE 5



Figure 5

ESTRELLA DO SUL 1



Ku-band Payload

Transponders
3 MHz and 36 MHz

Modulation
Orthogonal Linear

Frequency

Standard
Uplink: 14 to 14.5 GHz
Downlink: 11.7 to 12.2 GHz

Extended
Uplink: 13.75 to 14 GHz
Downlink: 11.45 to 11.7 GHz

Saturation Flux Density
-68 to -96 dBW/m²

Exhibit 5

AMC-9

