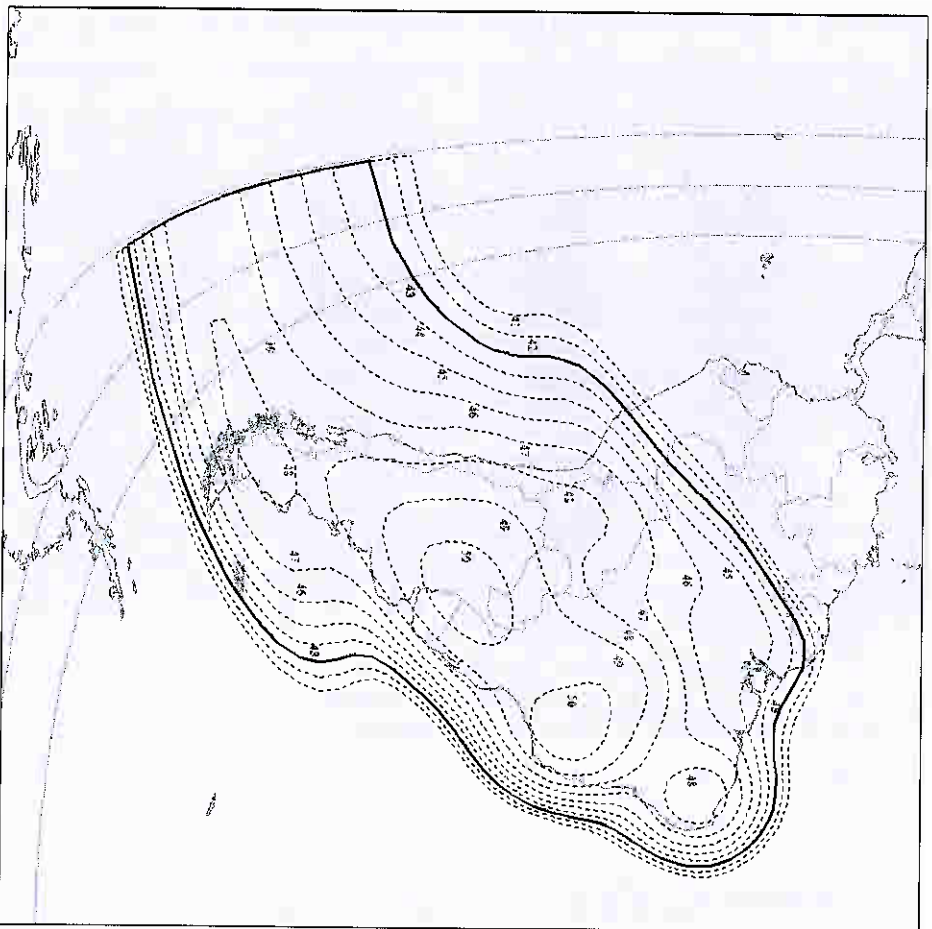


Exhibit E – ESVs operating Regions

Ku-Band Southern Cone (SC) EIRP



Contours Shown EIRP [dBW]

50.6 Beam peak	
50	49
48	47
46	45
44	43
42	41

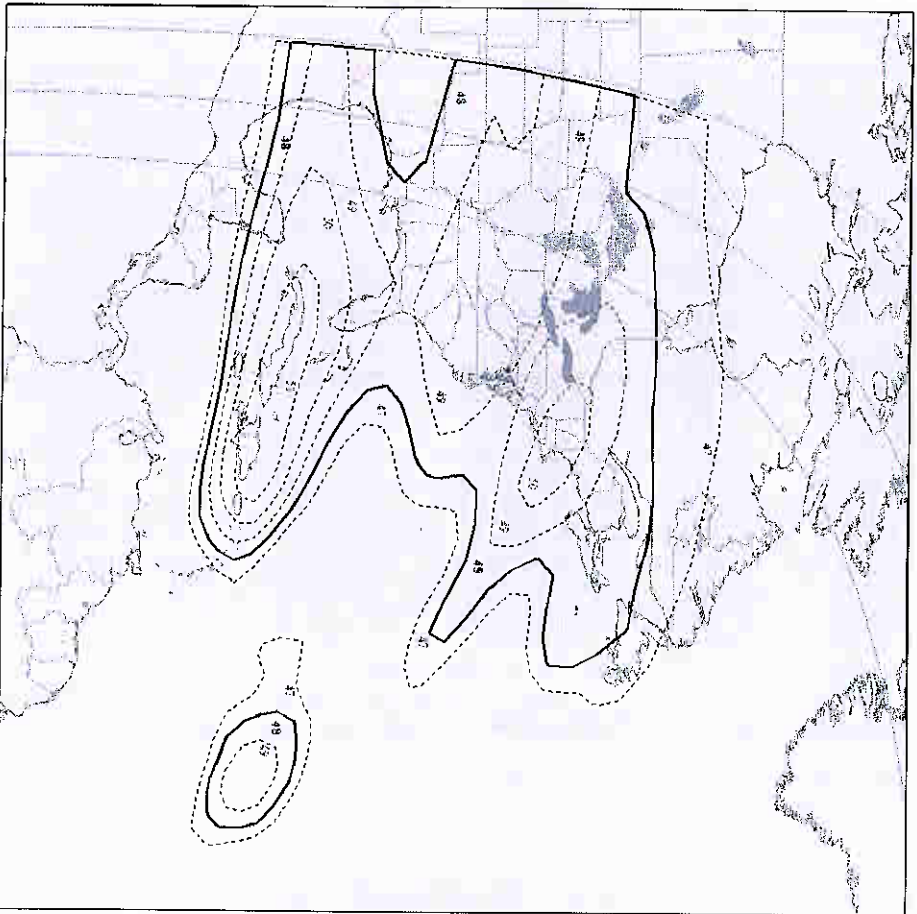
Notes

The adjacent plot shows the measured performance of a typical satellite transponder. Small performance differences should be expected between individual transponders.

The bold contour line represents the nominal edge of coverage. For operation beyond this contour, co-channel interference levels should be assessed on a case by case basis.

Elevation Angles are shown at 0, 5 and 10 Degrees.

Ku-Band North America (NA) EIRP



Contours Shown

EIRP (dBW)

51.8 Beam peak

51

50

49

48

47

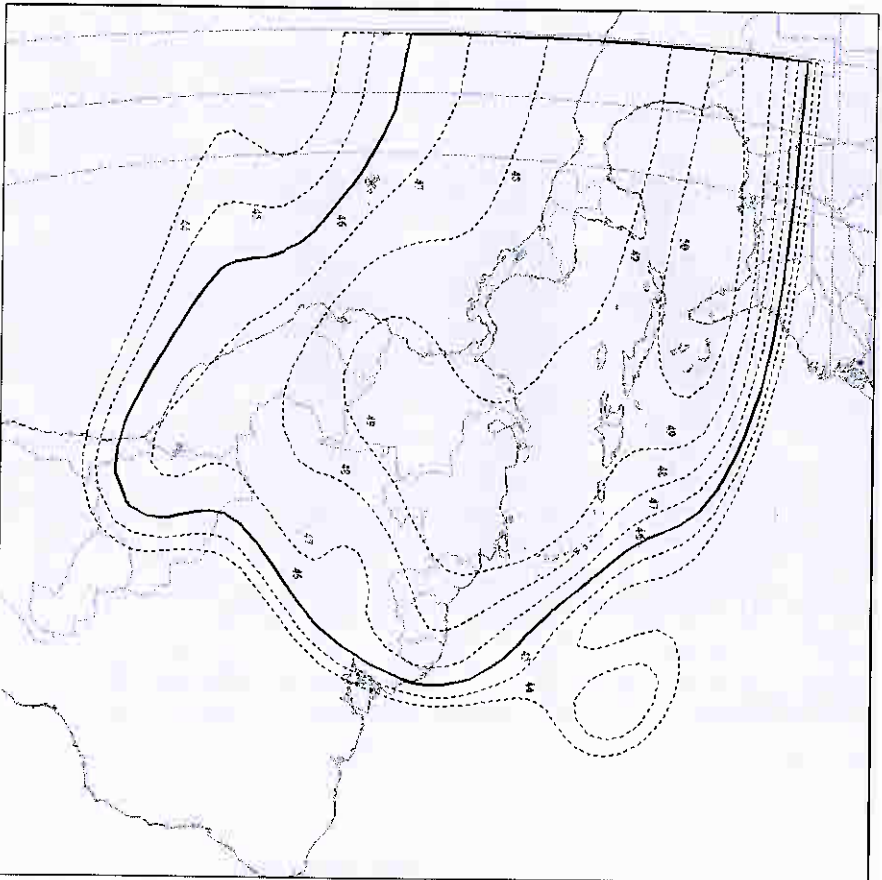
Notes

The adjacent plot shows the measured performance of a typical satellite transponder. Signal performance differences should be expected between individual transponders.

The bold contour line represents the marginal edge of coverage. For operation beyond this contour, co-channel interference levels should be assessed on a case by case basis.

Elevation Angles are shown at 0, 5 and 10 Degrees.

KU-Band Central America (CA) EIRP



Contours Shown

EIRP [dBW]

50.7 Beam peak

- 50
- 49
- 48
- 47
- 46
- 45
- 44

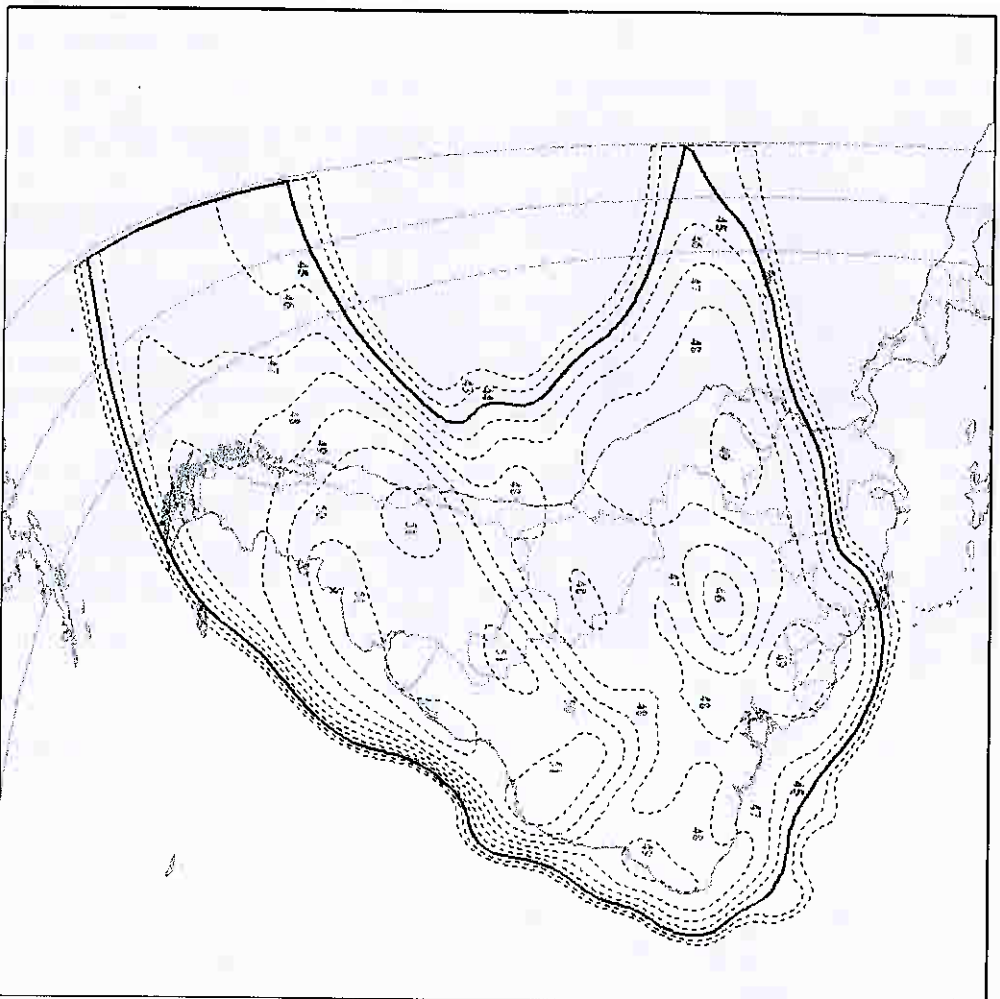
Notes

The adjacent plot shows the measured performance of a typical satellite transponder. Small performance differences should be expected between individual transponders.

The bold contour line represents the nominal edge of coverage. For operation beyond this contour, on-channel interference levels should be assessed on a case by case basis.

Elevation Angles are shown at 0, 5 and 10 Degrees.

Ku-Band South America (SA) EIRP



Contours Shown

EIRP [dBW]

51.7 Beam peak

- 51
- 50
- 49
- 48
- 47
- 46
- 45
- 44
- 43

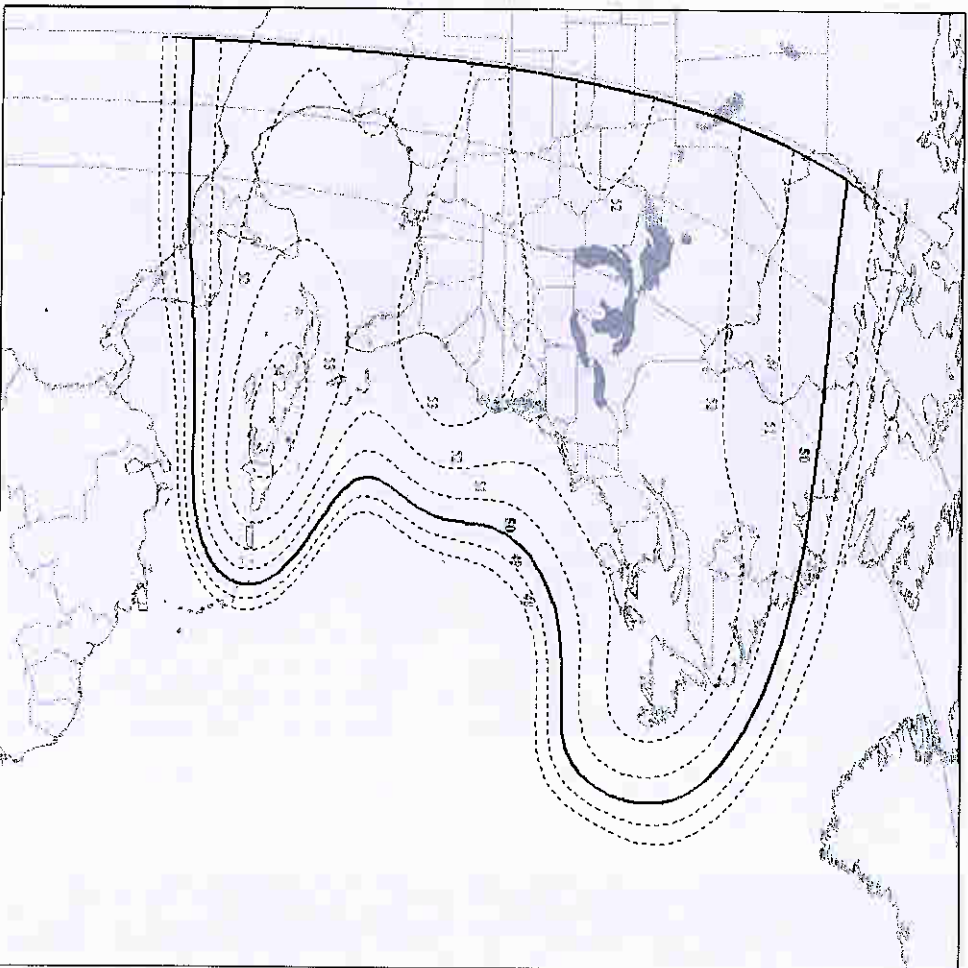
Notes

The adjacent plot shows the measured performance of a typical satellite transponder. Small performance differences should be expected between individual transponders.

The bold contour line represents the nominal edge of coverage. For operation beyond this contour, co-channel interference levels should be assessed on a case by case basis.

Elevation Angles are shown at 0, 5 and 10 Degrees.

Ku-Band North America (NA) EIRP



Contours Shown

EIRP (dBW)

54.3 Beam peak

54
53
52
51
50
49
48

Notes

The adjacent plot shows the measured performance of a typical satellite transponder. Small performance differences should be expected between individual transponders.

The bold contour line represents the nominal edge of coverage. For operation beyond this contour, co-channel interference levels should be assessed on a case by case basis.

Elevation Angles are shown at 0, 5 and 10 Degrees.

T111N - Mexico Gulf Area

