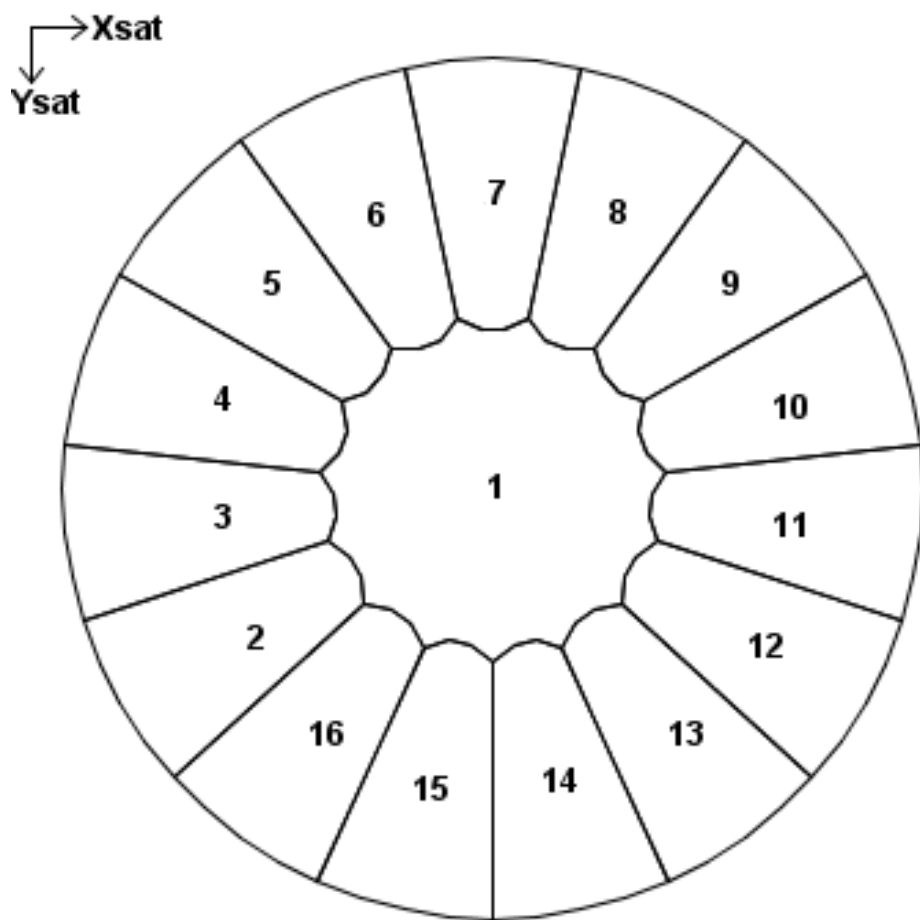
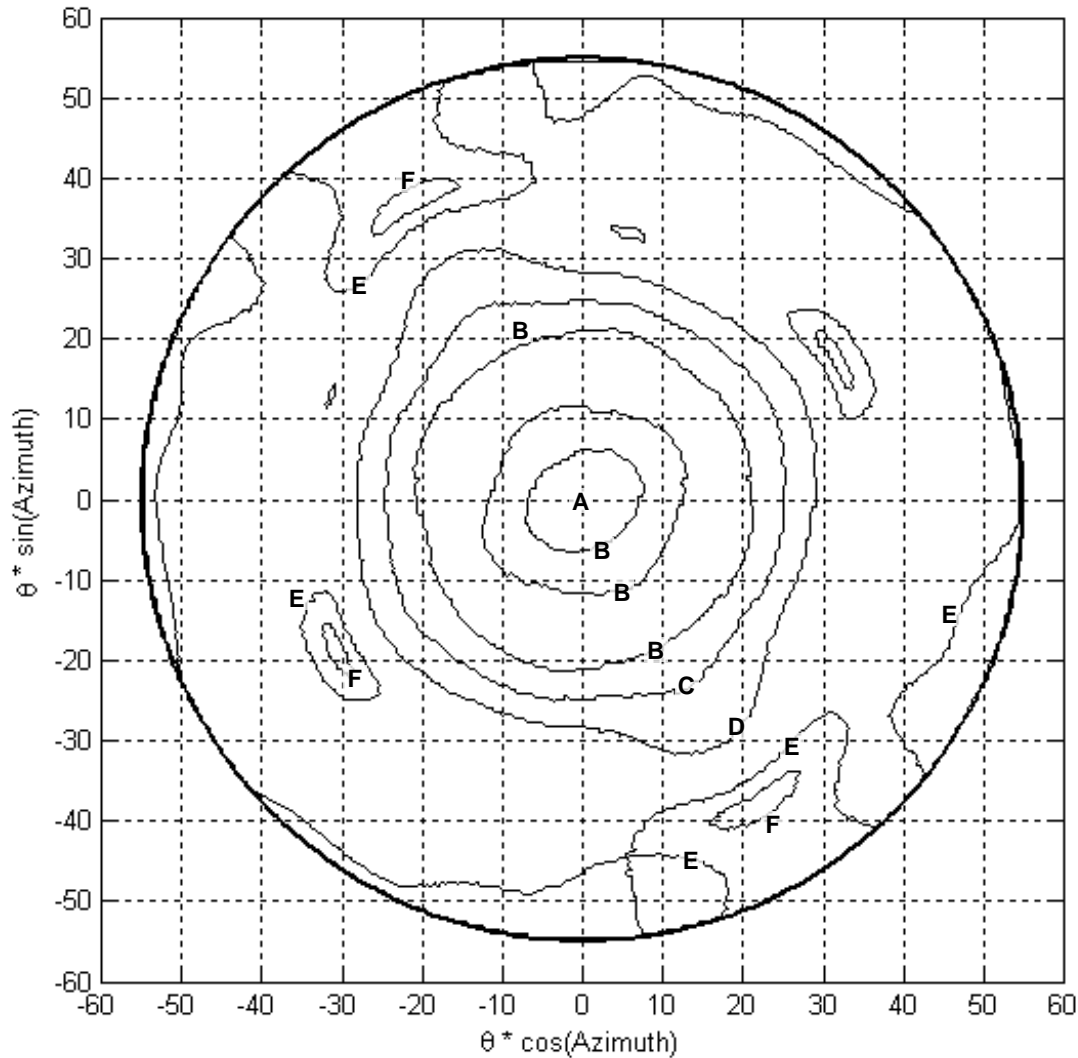


Globalstar Satellite Antenna Gain

- L-Band (L/C Return Link)
- S-Band (Forward Link)
- C-Band Return Link Feeder
- C-Band Forward Link Feeder



L-Band Beam Assignments, as viewed from the satellite looking at Earth Nadir



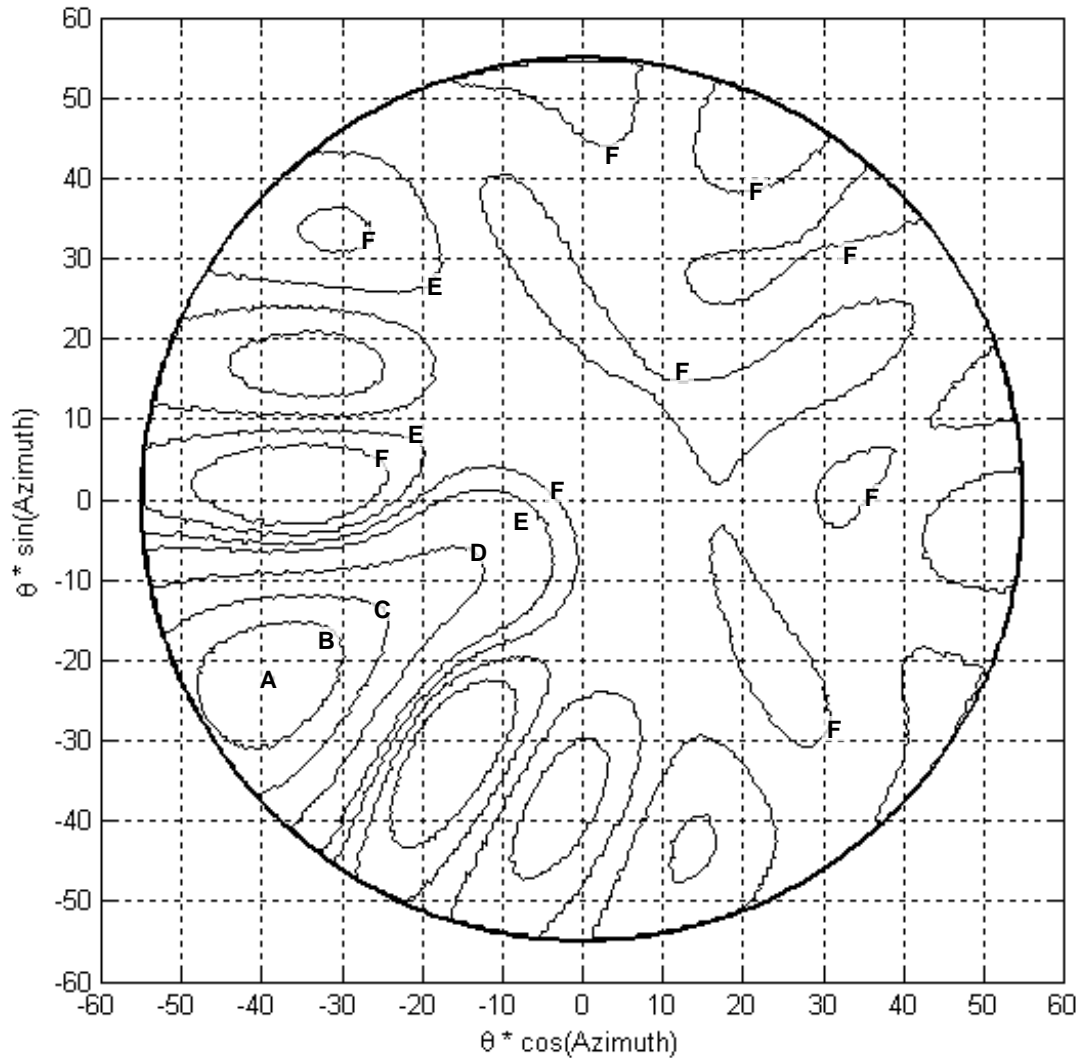
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 13.89 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-band transmit antenna gain contour for beam 1, as viewed from the satellite.



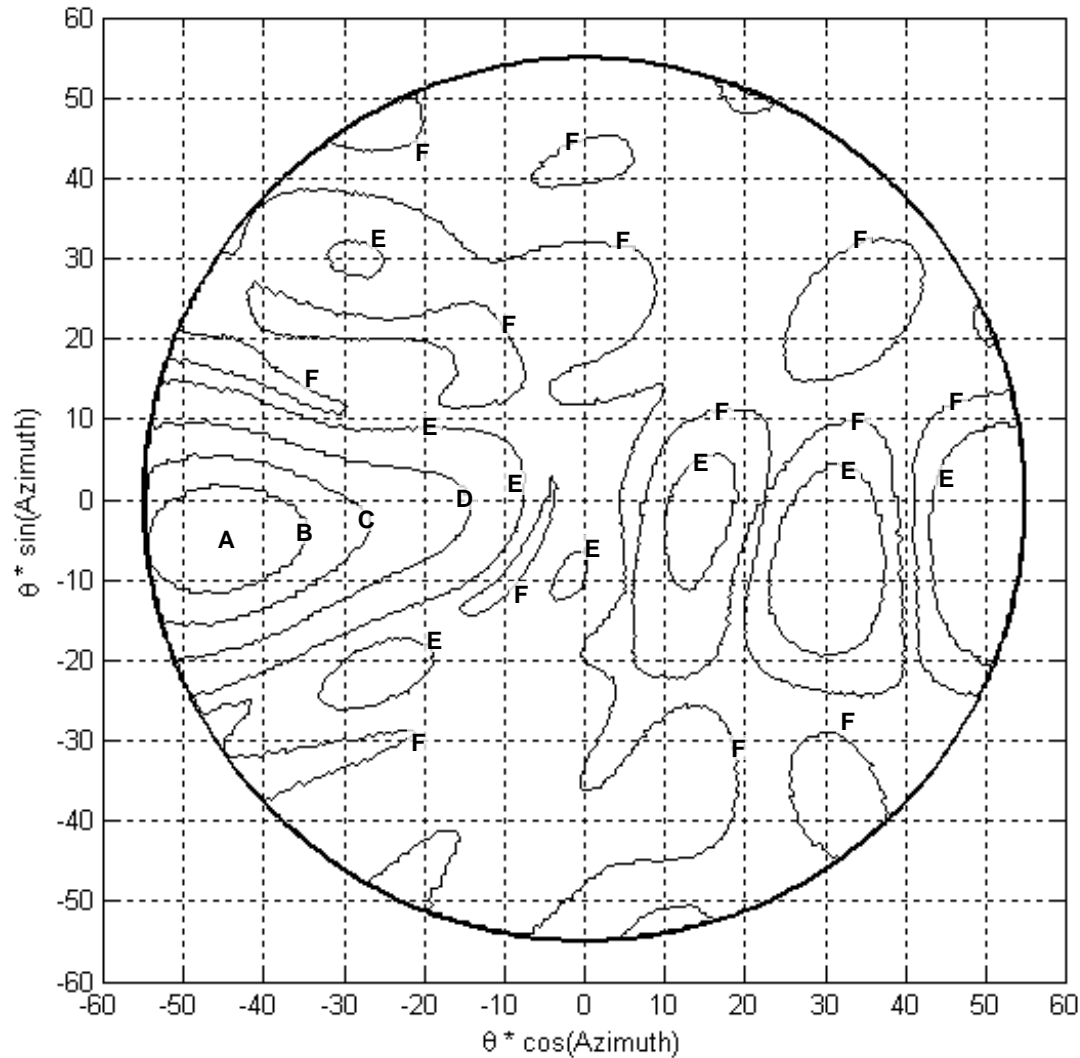
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 18.91 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 2, as viewed from the satellite.



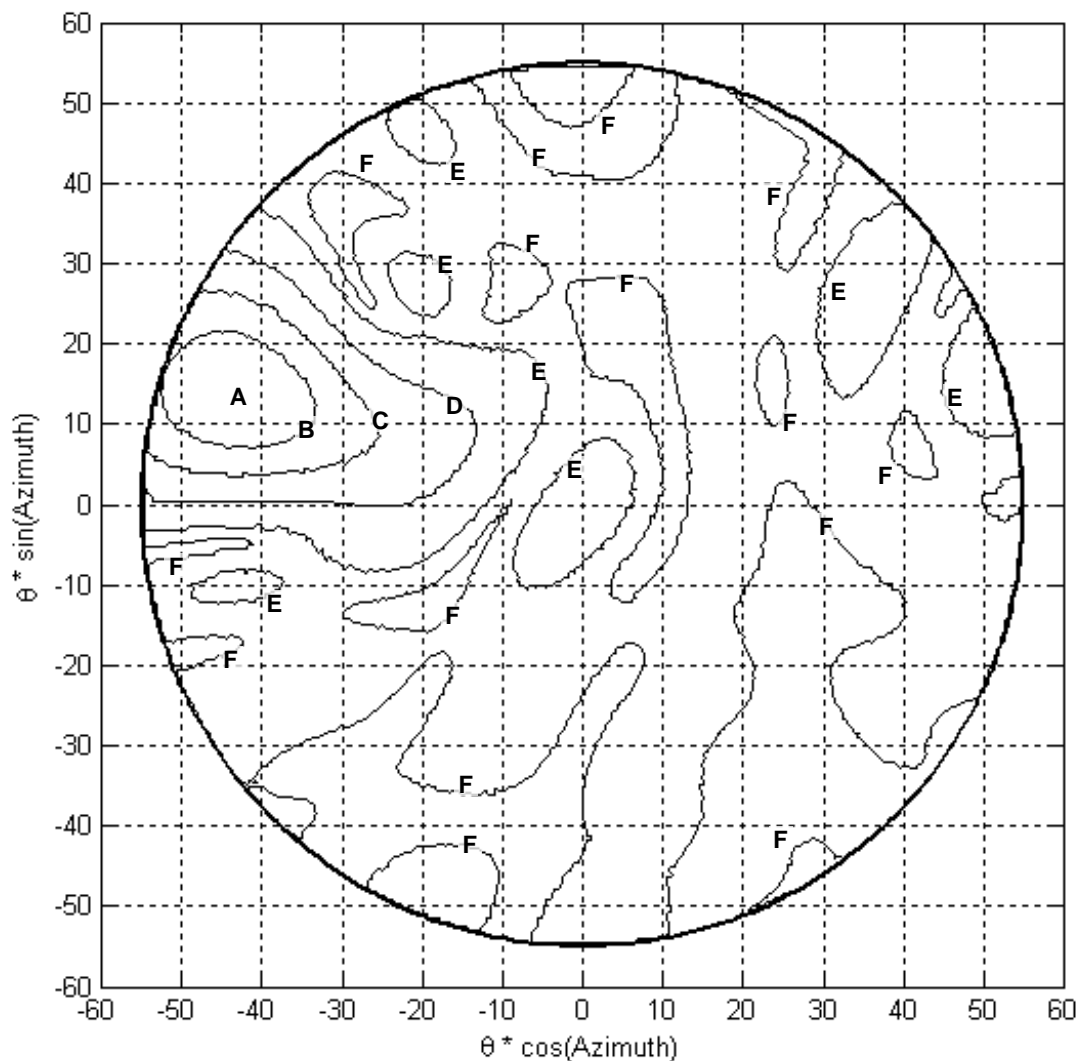
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 19.09 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 3, as viewed from the satellite.



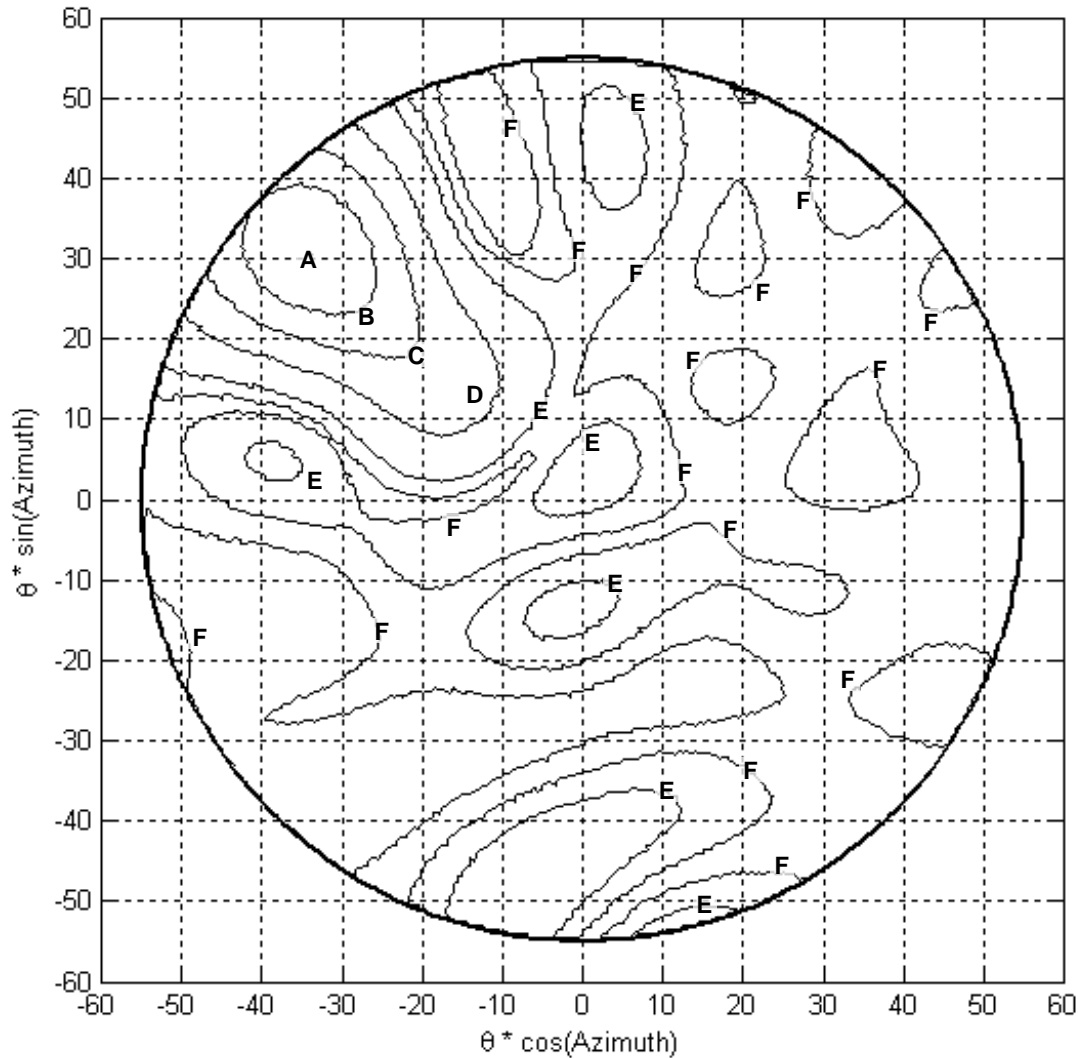
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 18.75 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 4, as viewed from the satellite.



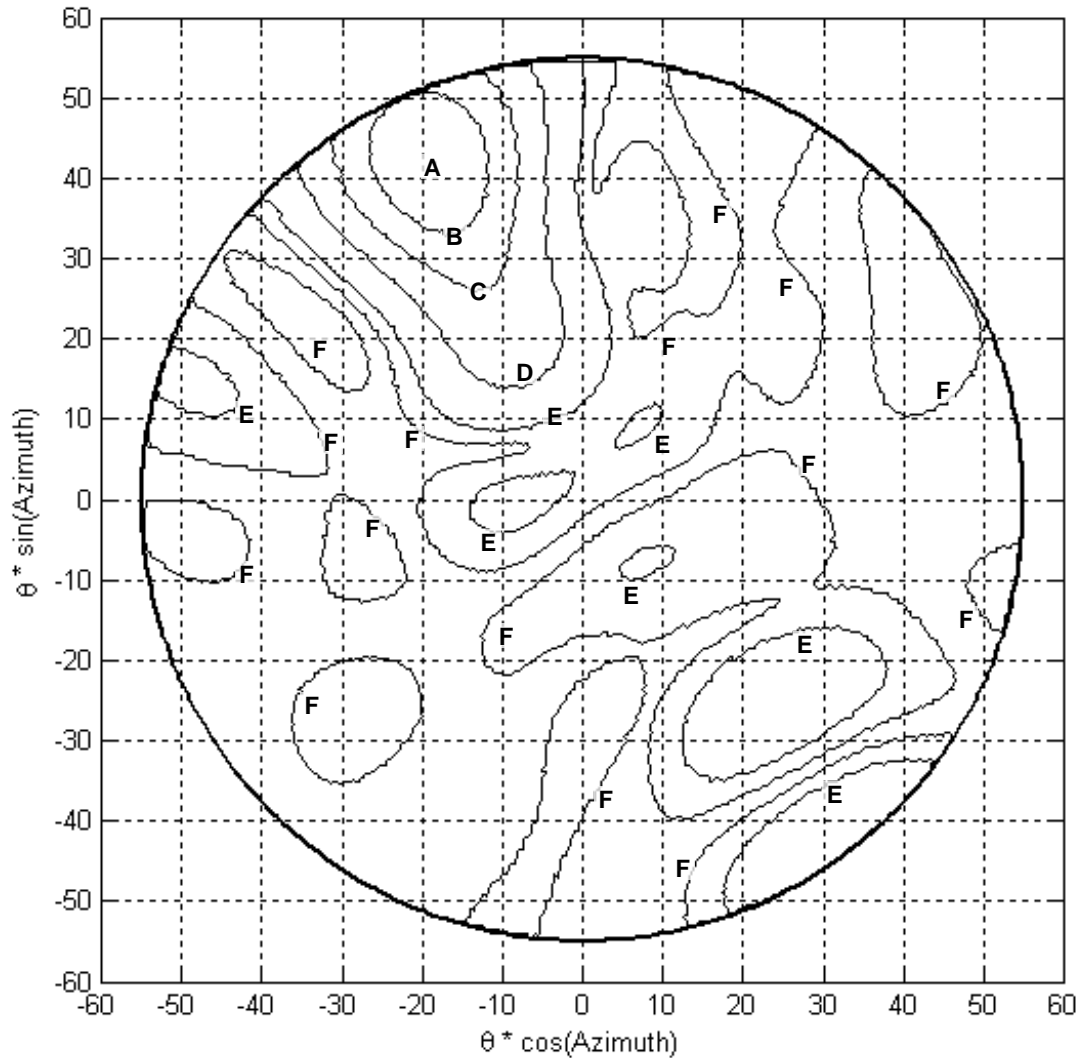
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 18.95 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 5, as viewed from the satellite.



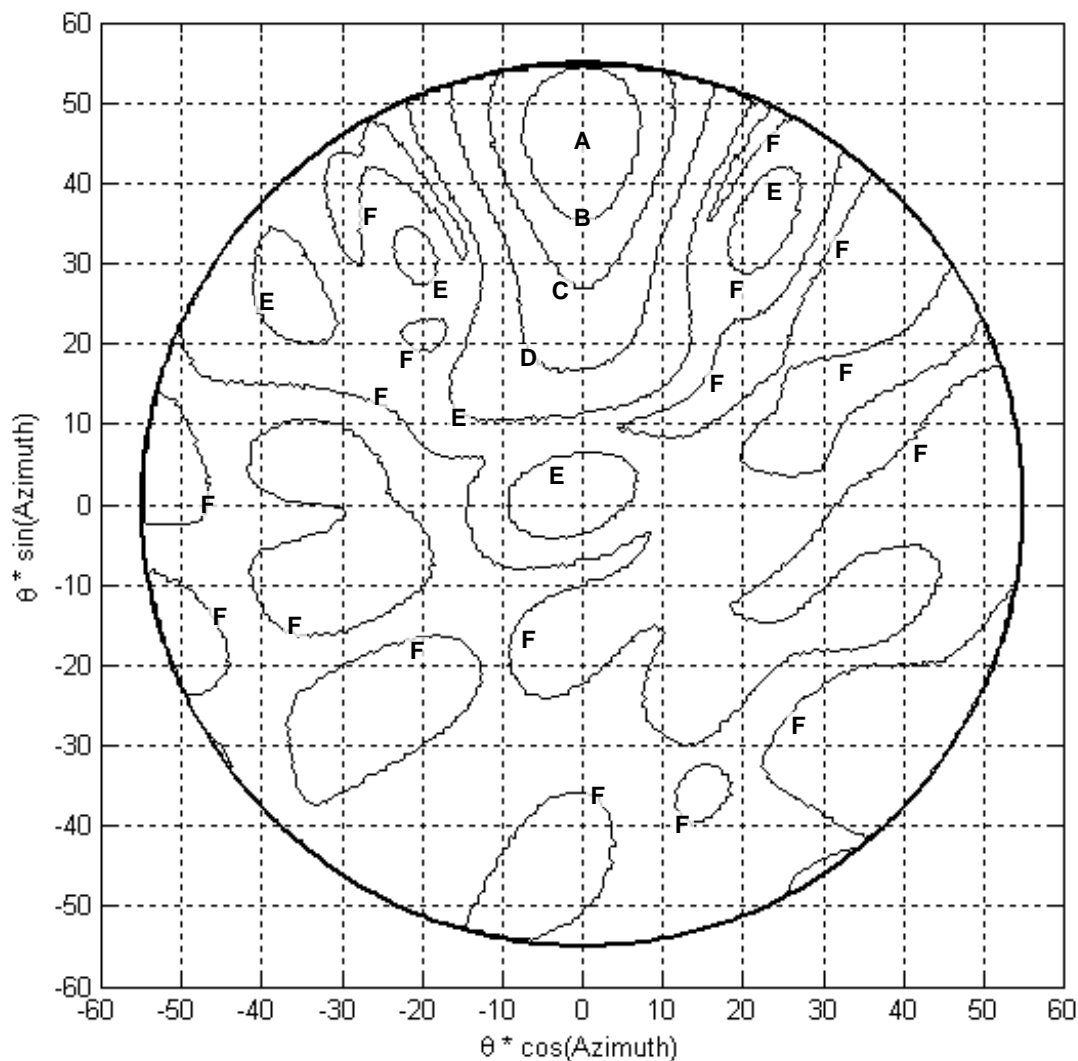
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 19.04 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 6, as viewed from the satellite.



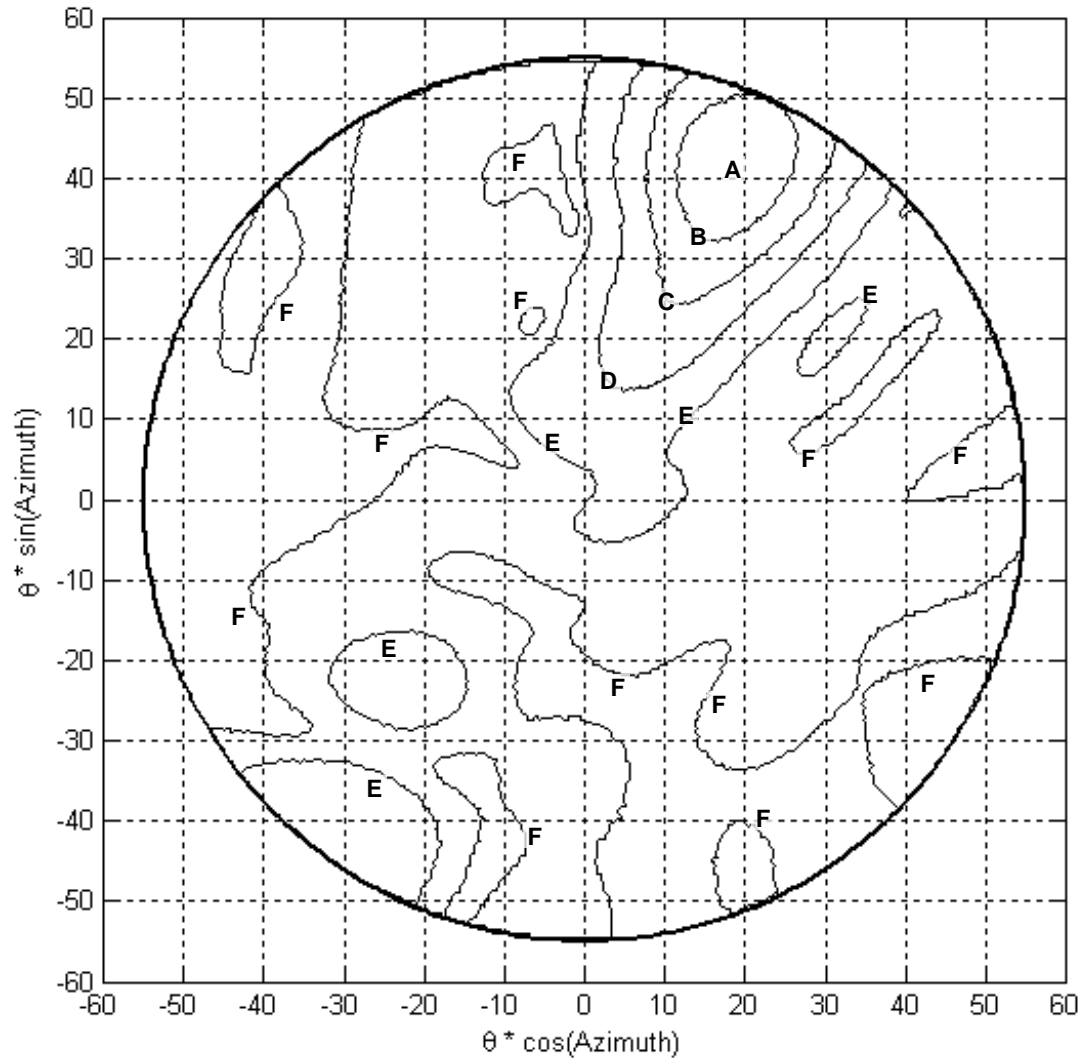
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 18.82 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 7, as viewed from the satellite.



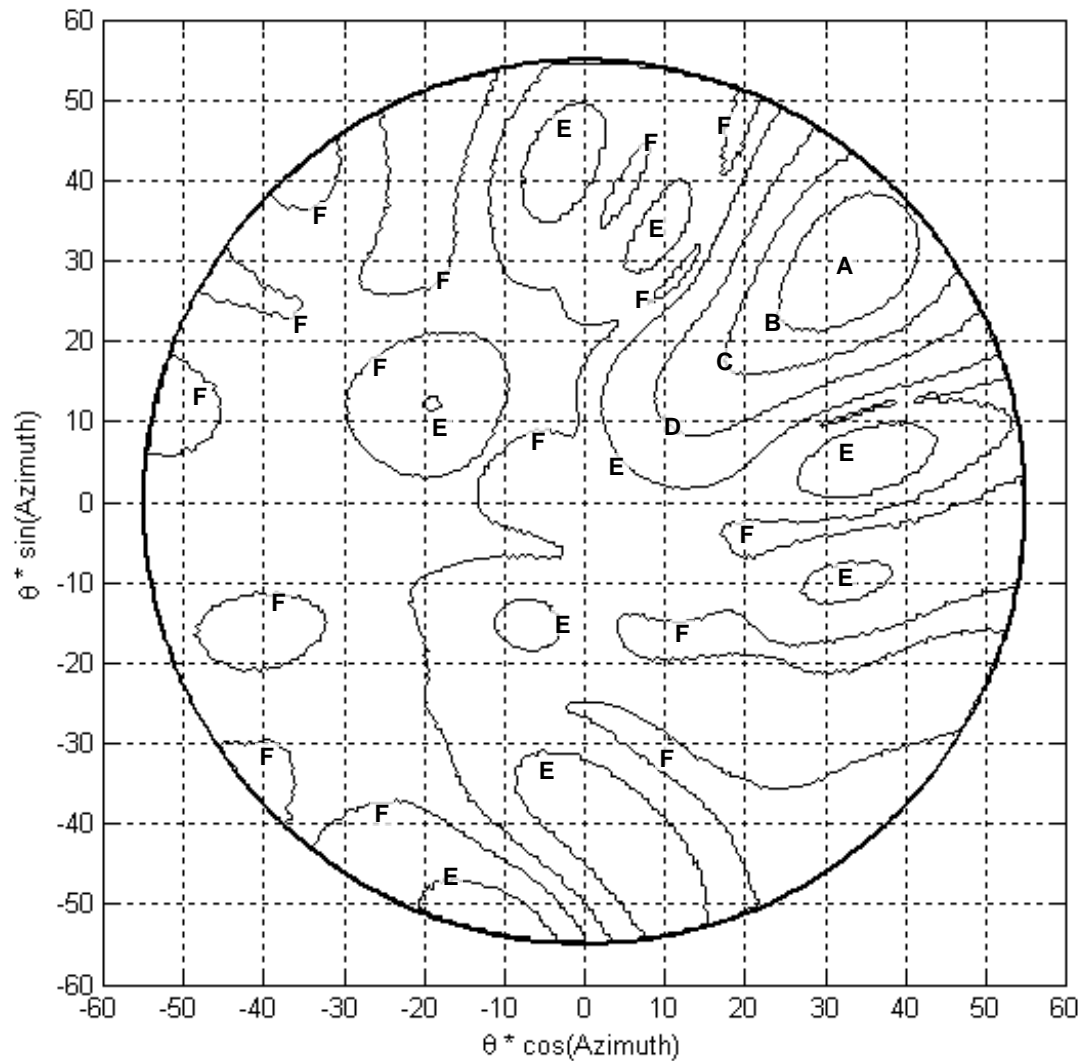
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 18.89 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 8, as viewed from the satellite.



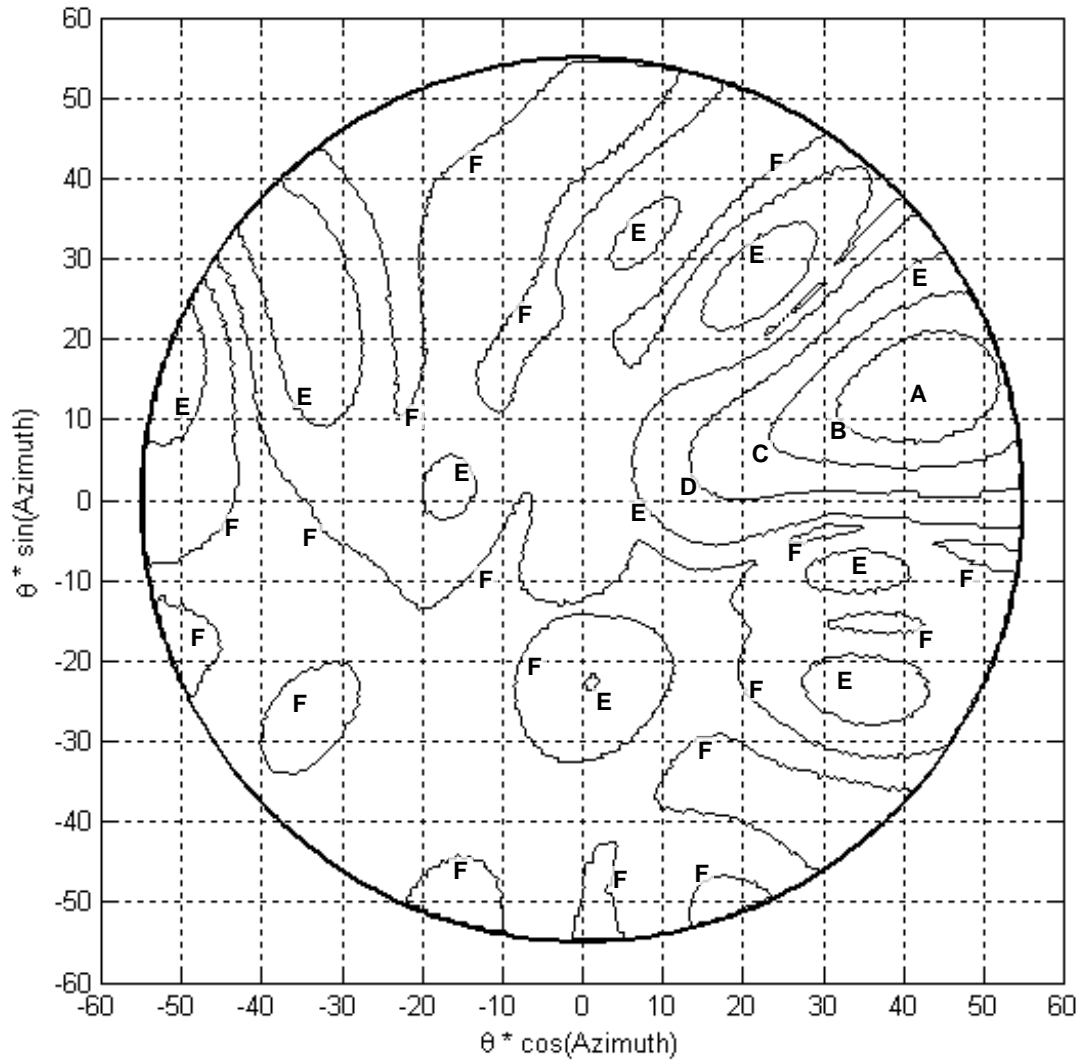
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 19.00 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 9, as viewed from the satellite.



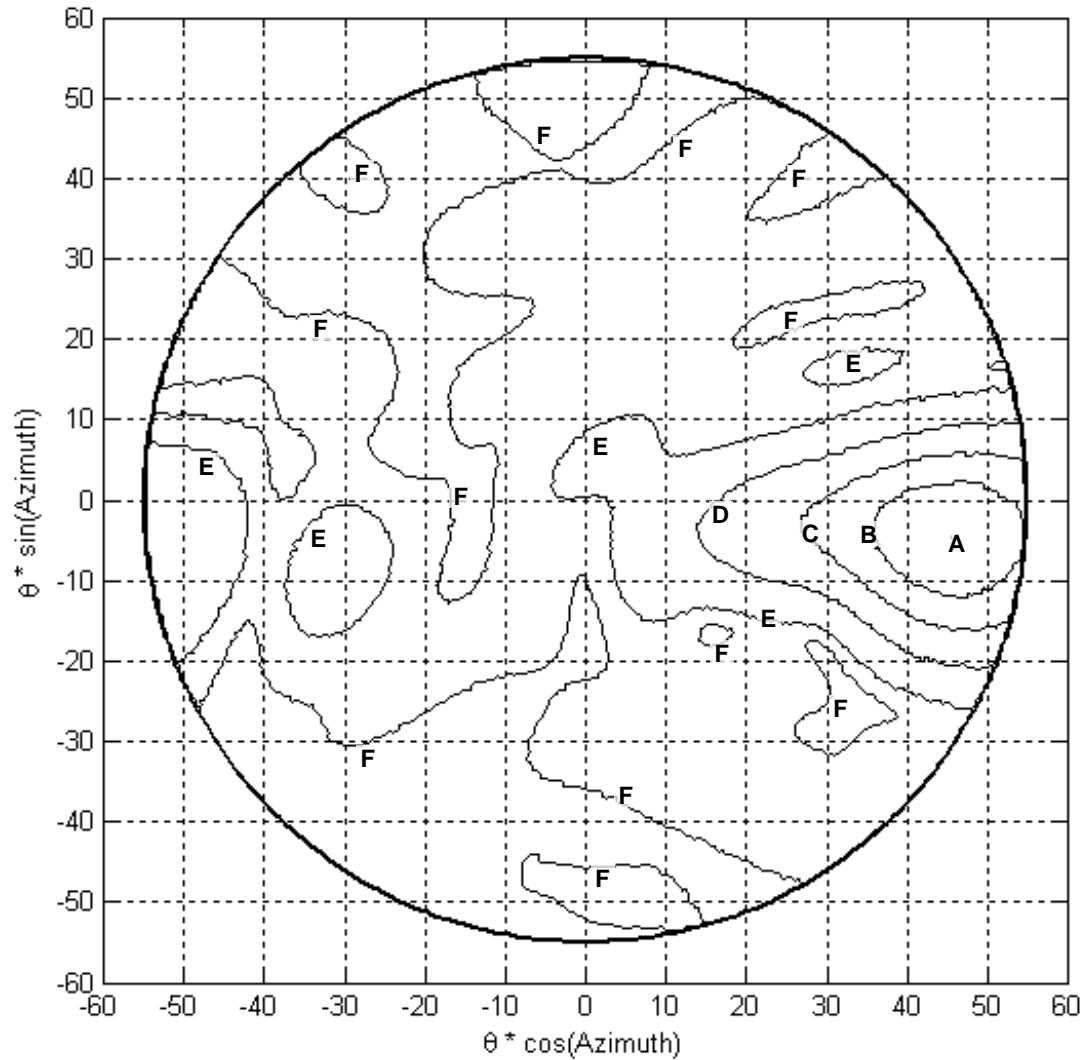
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 19.00 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 10, as viewed from the satellite.



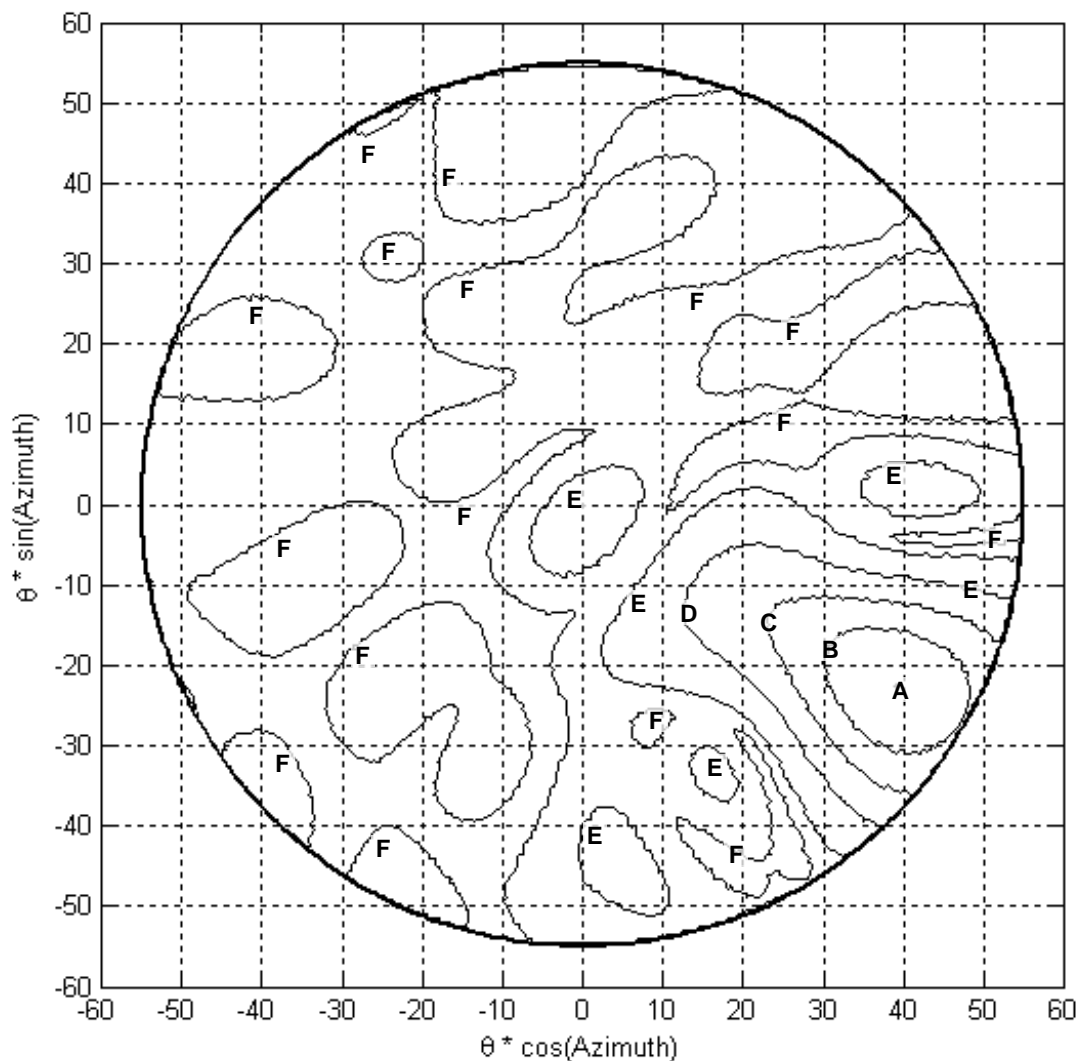
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 18.88 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 11, as viewed from the satellite.



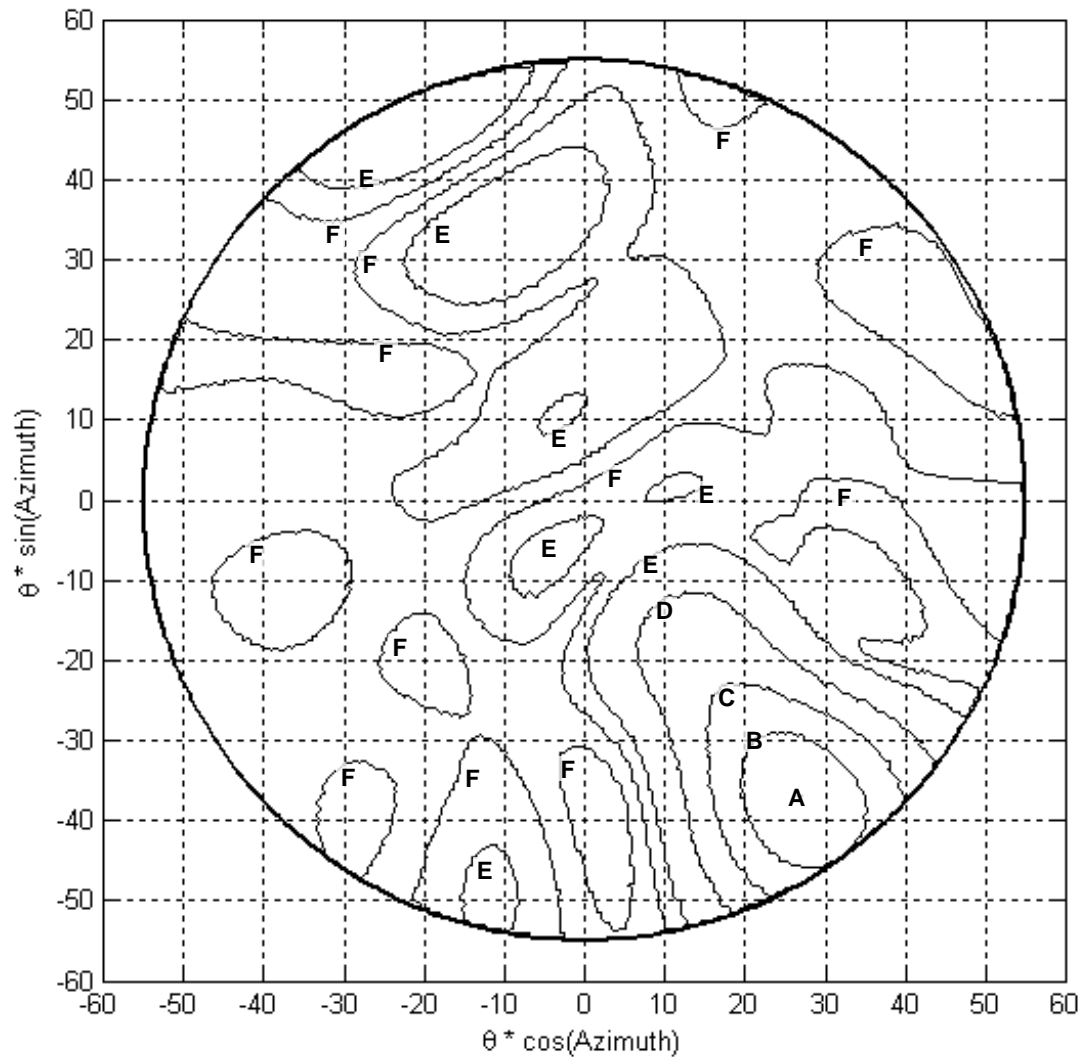
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 18.82 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 12, as viewed from the satellite.



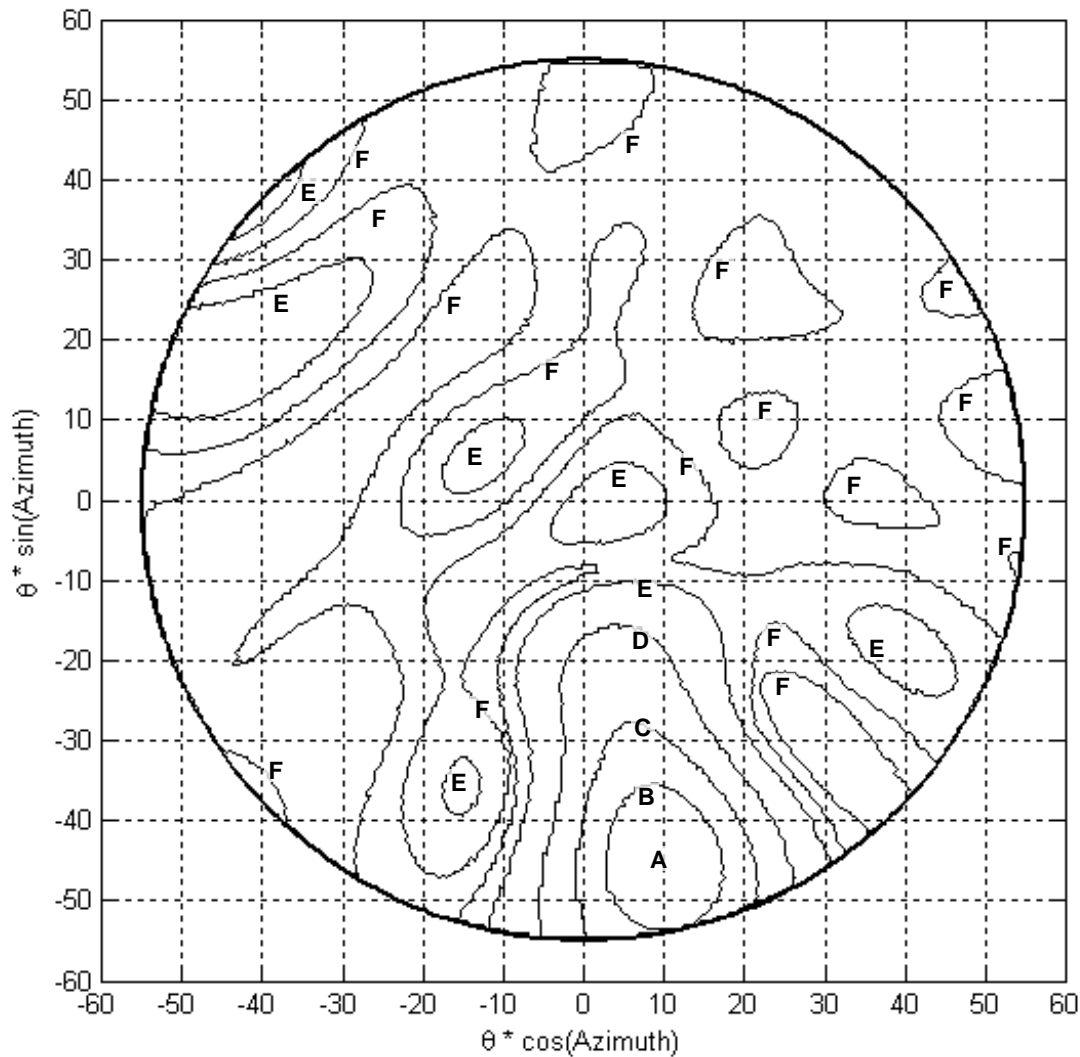
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 19.04 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 13, as viewed from the satellite.



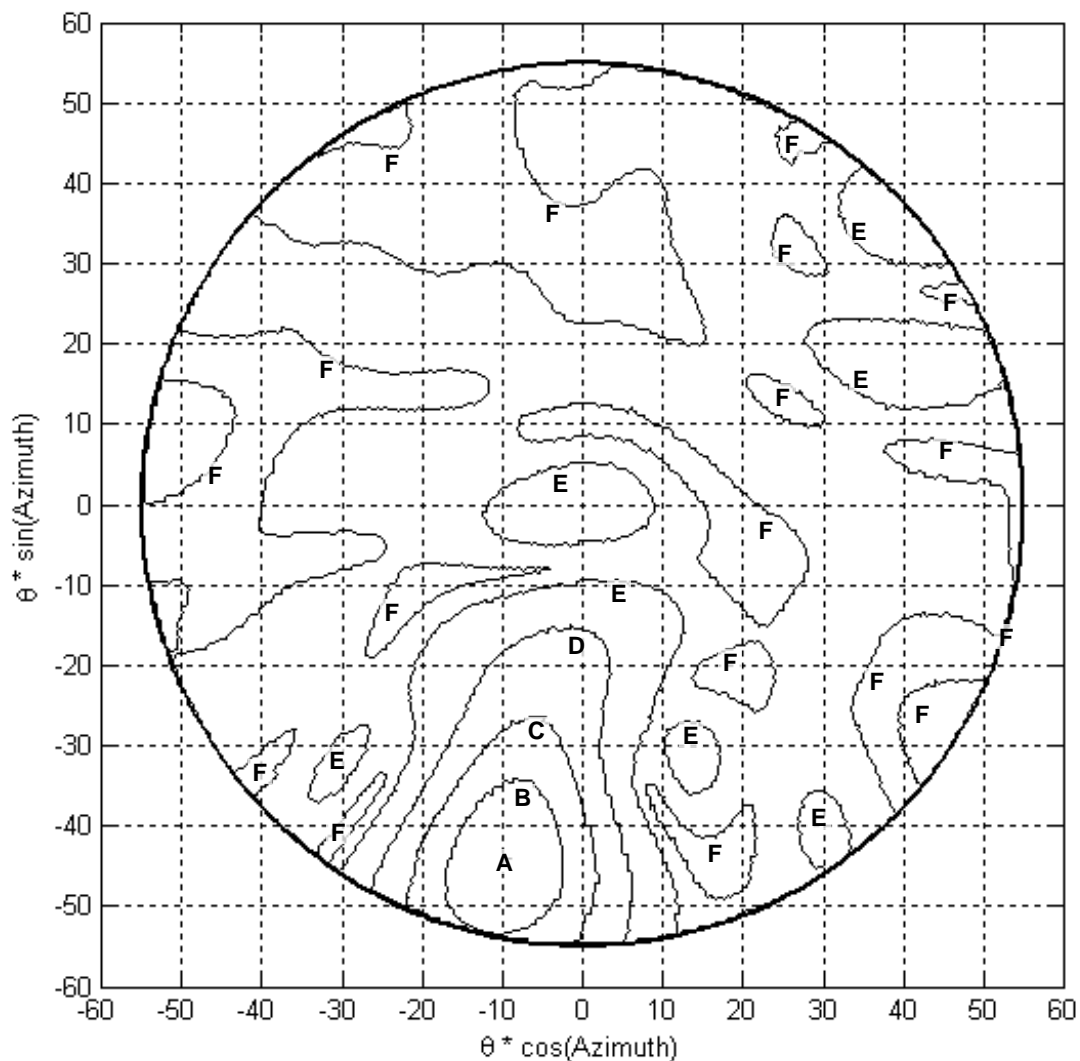
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 18.95 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 14, as viewed from the satellite.



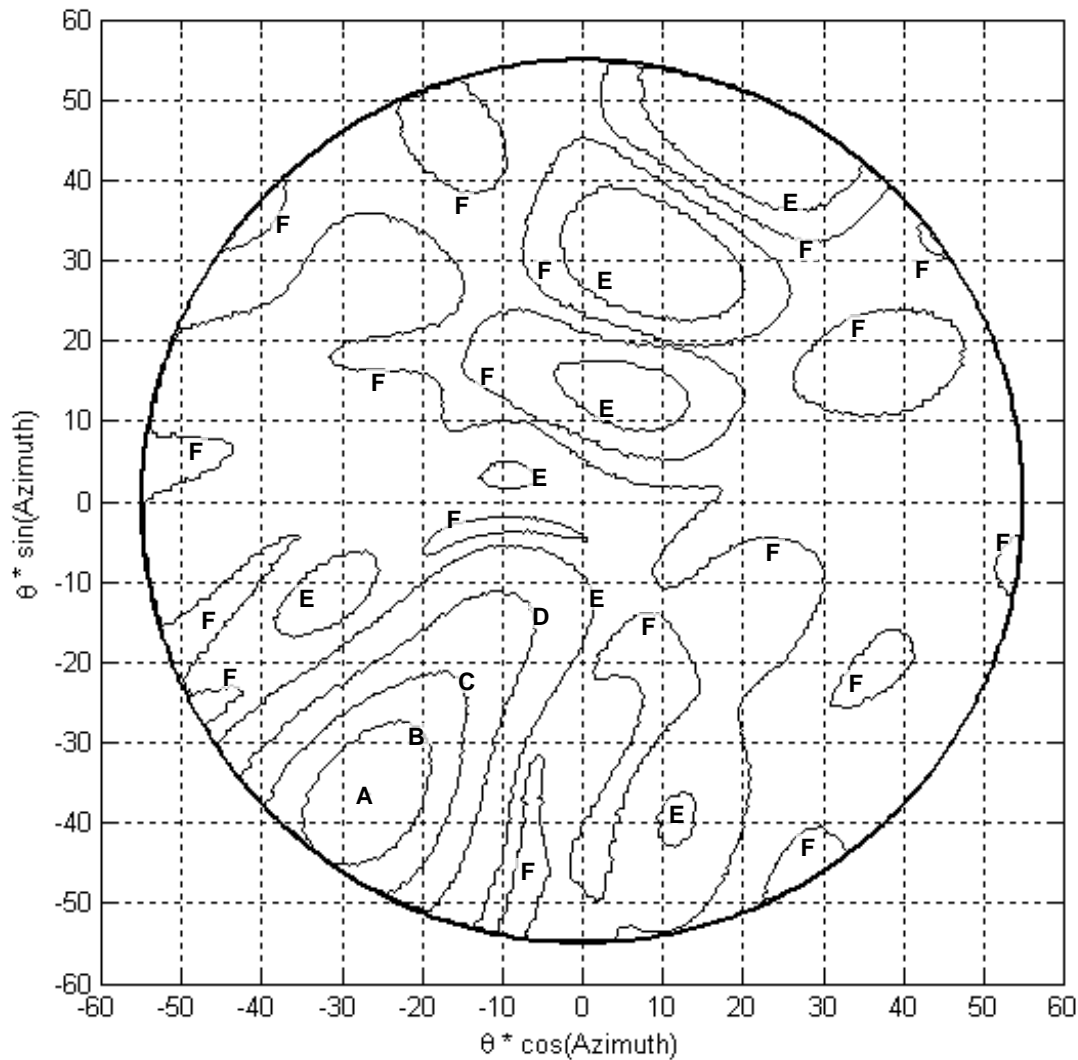
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 18.75 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: L-Band transmit antenna gain contour for beam 15, as viewed from the satellite.



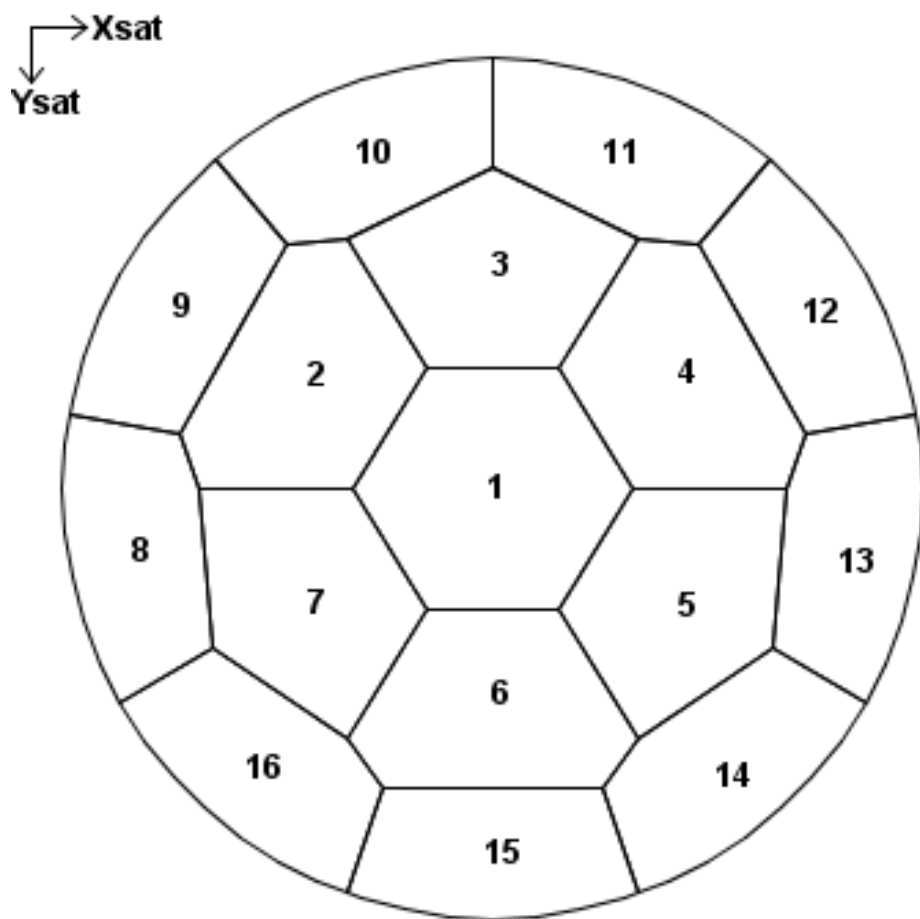
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

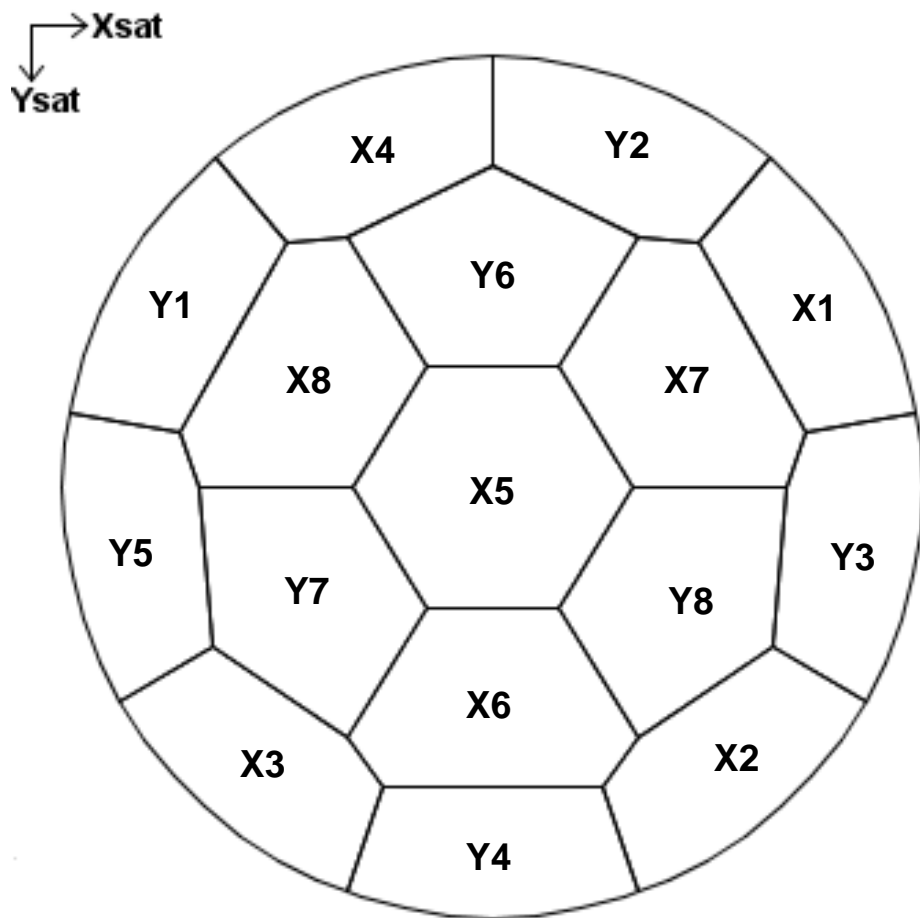
Note:

1. Maximum gain at point A is 19.09 dBi
2. Thick Circle shows 54.9 degree Earth edge.

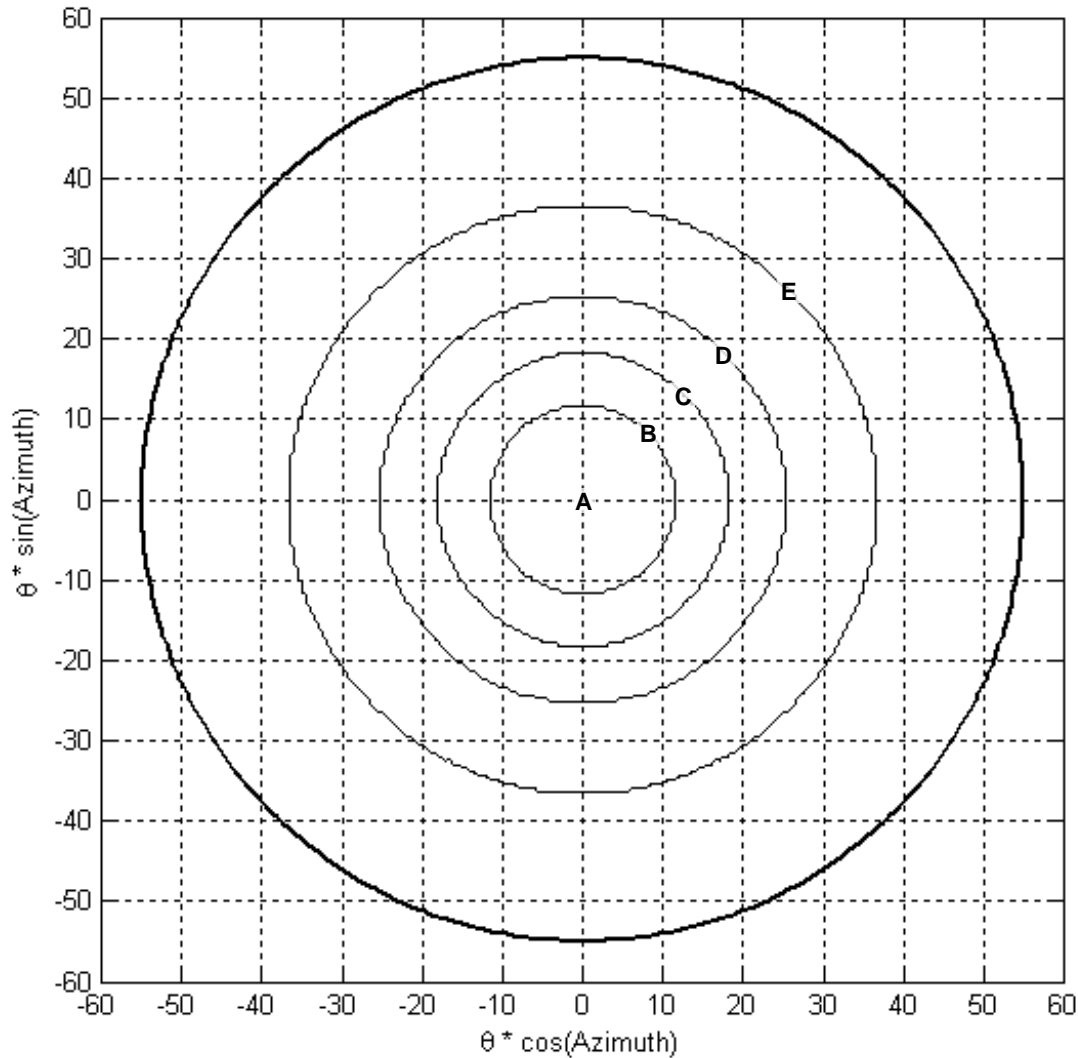
Figure: L-Band transmit antenna gain contour for beam 16, as viewed from the satellite.



S-Band Beam Assignments, as viewed from the satellite looking at Earth Nadir



S-Band S-Feederlink Subband Assignments, as viewed from the satellite looking at Earth Nadir.
[Note: "X" denotes LHCP, "Y" denotes RHCP]



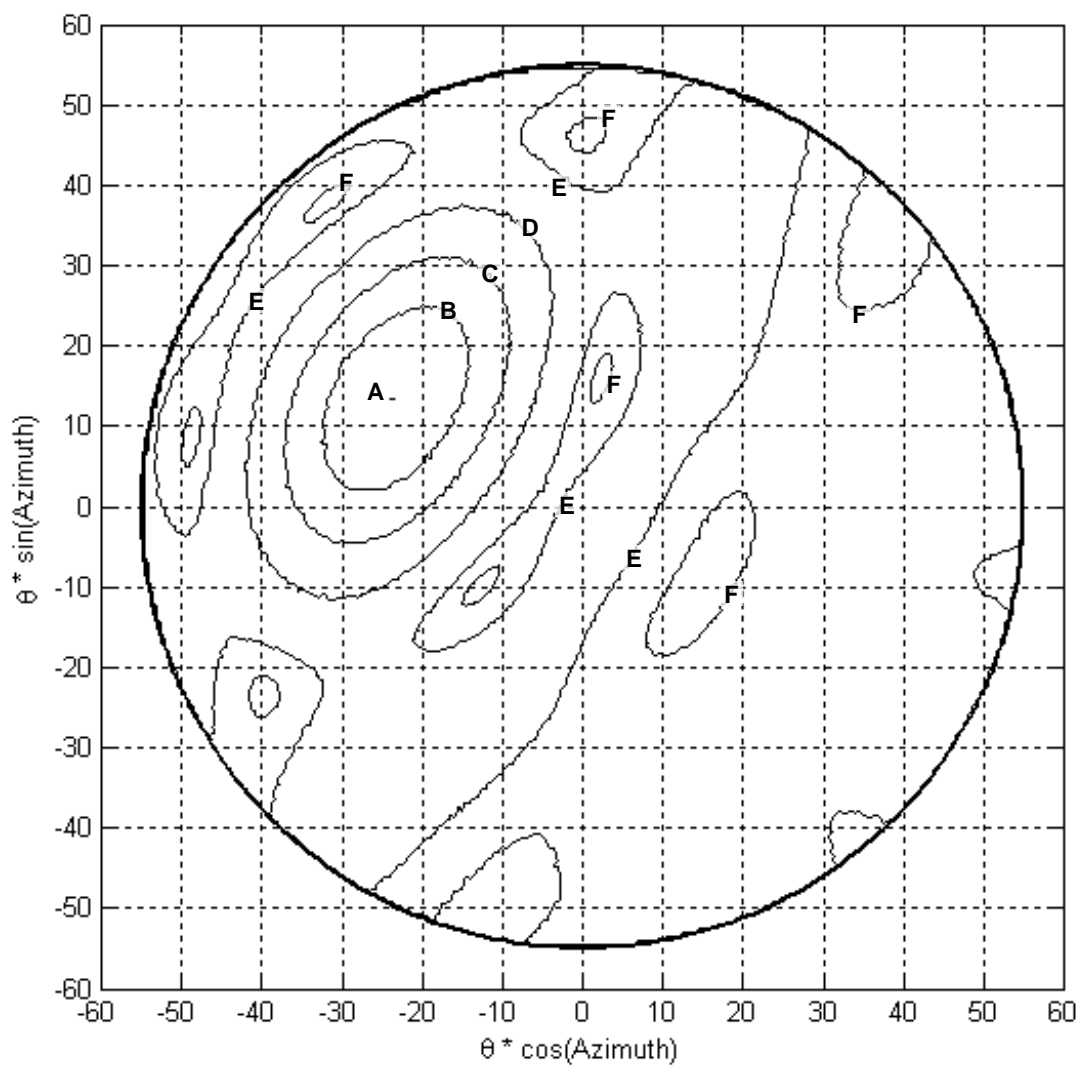
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 16.61 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 1, as viewed from the satellite.



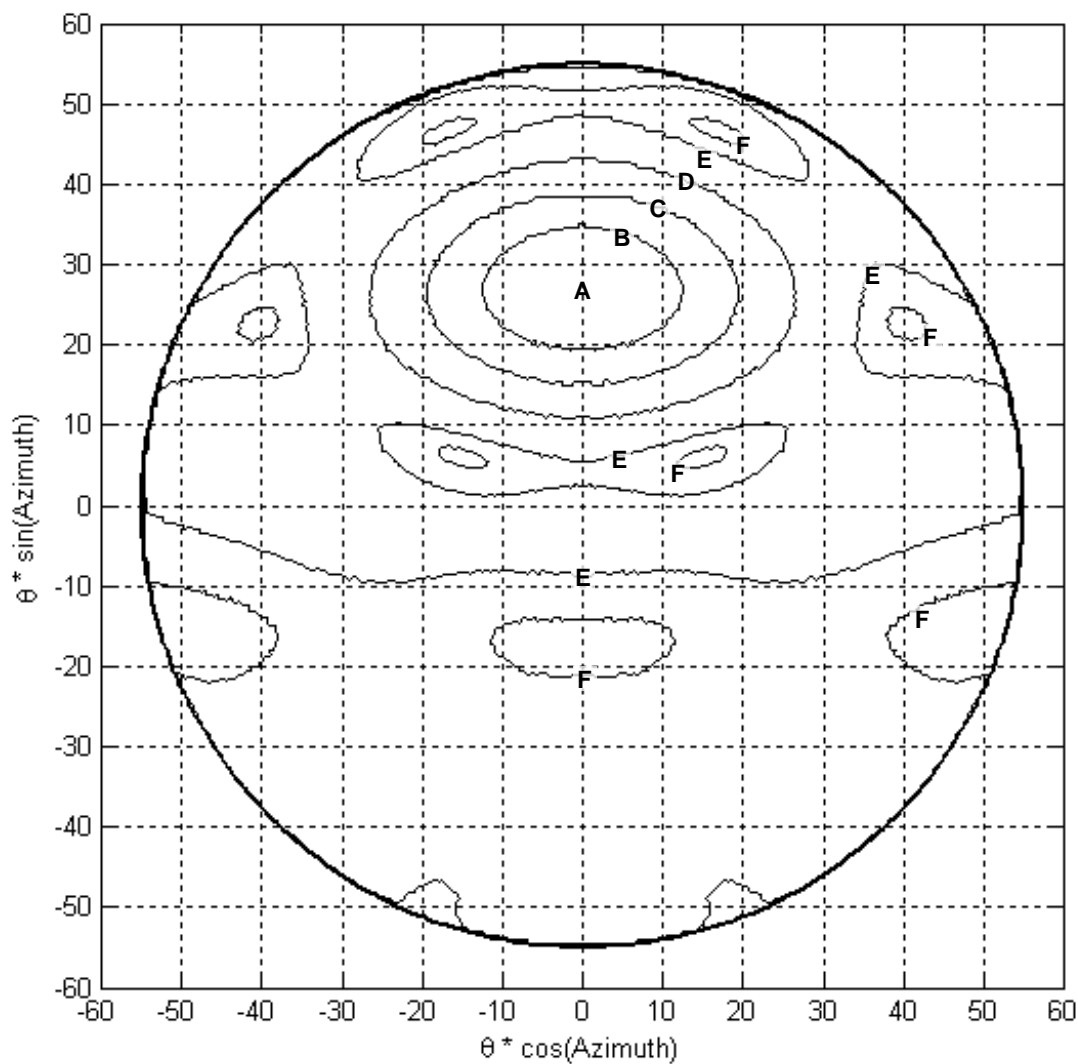
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

1. Maximum gain at point A is 17.02 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 2, as viewed from the satellite.



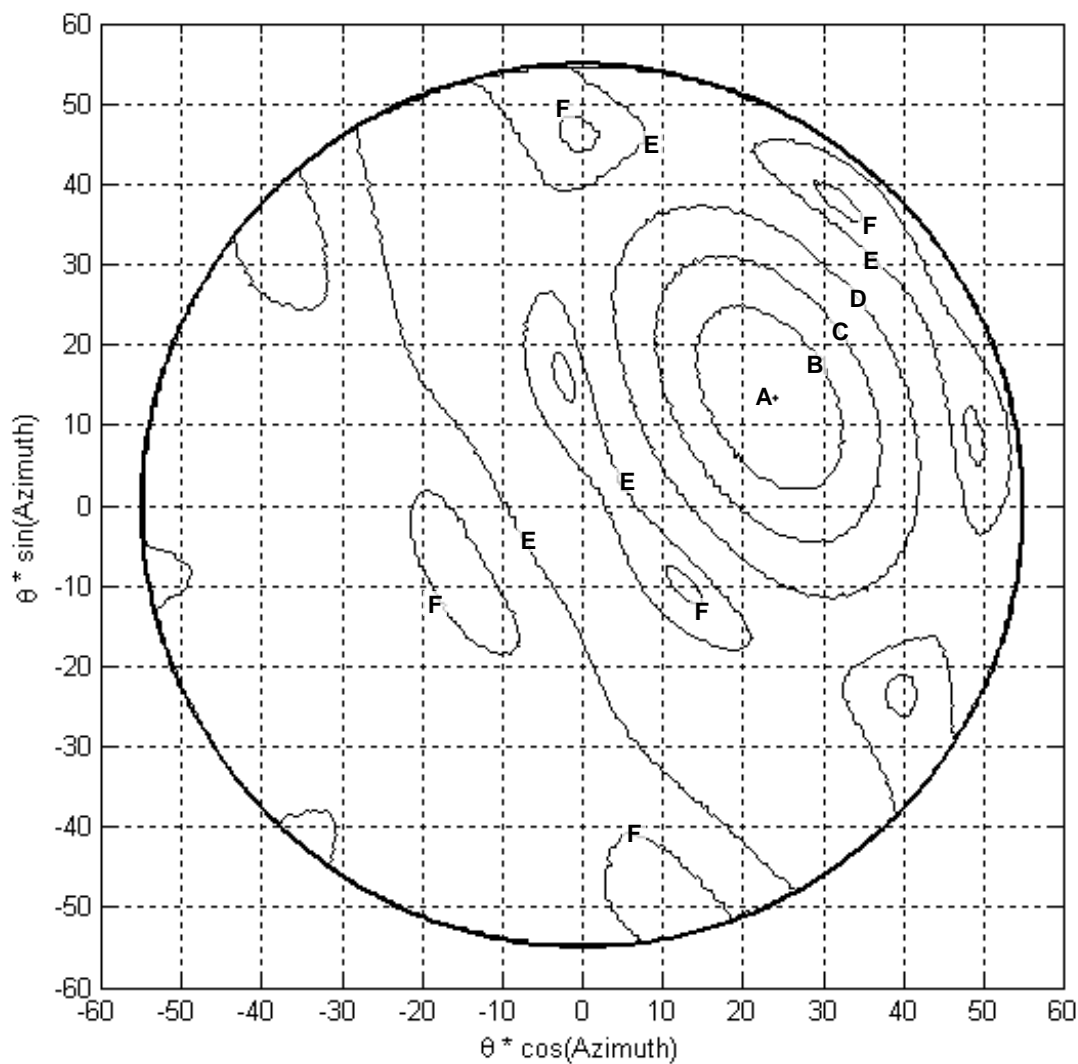
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

- Maximum gain at point A is 17.02 dBi
- Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 3, as viewed from the satellite.



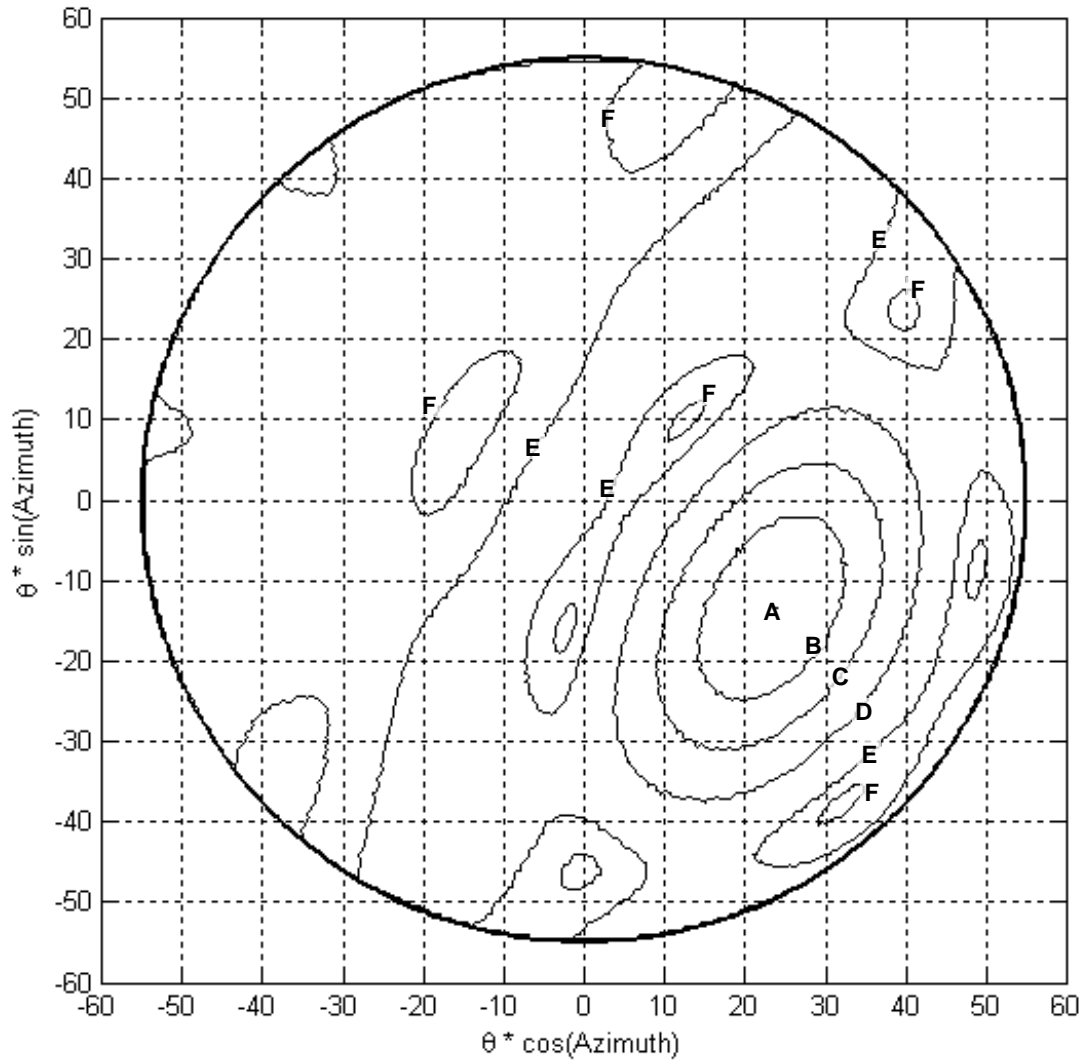
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 17.02 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 4, as viewed from the satellite.



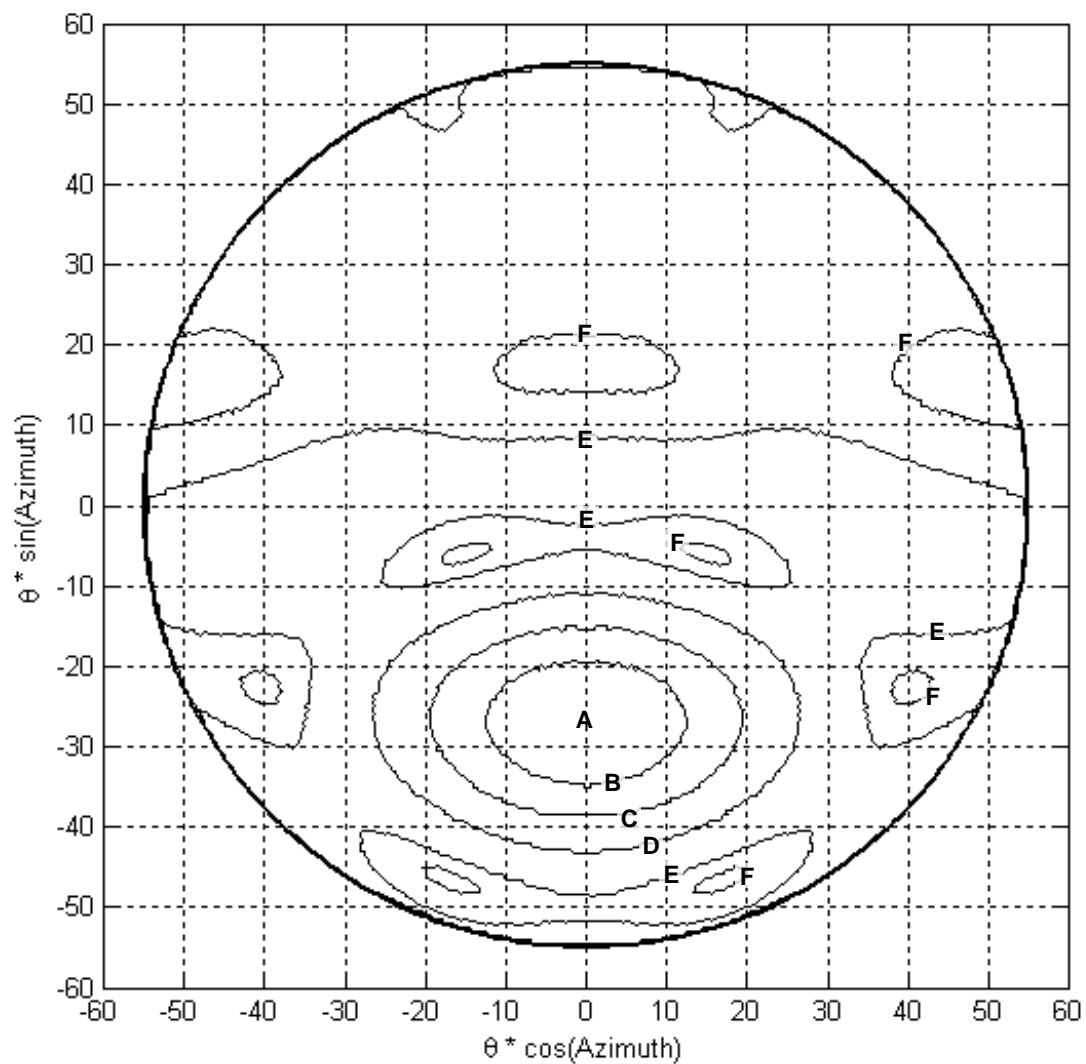
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 17.02 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 5, as viewed from the satellite.



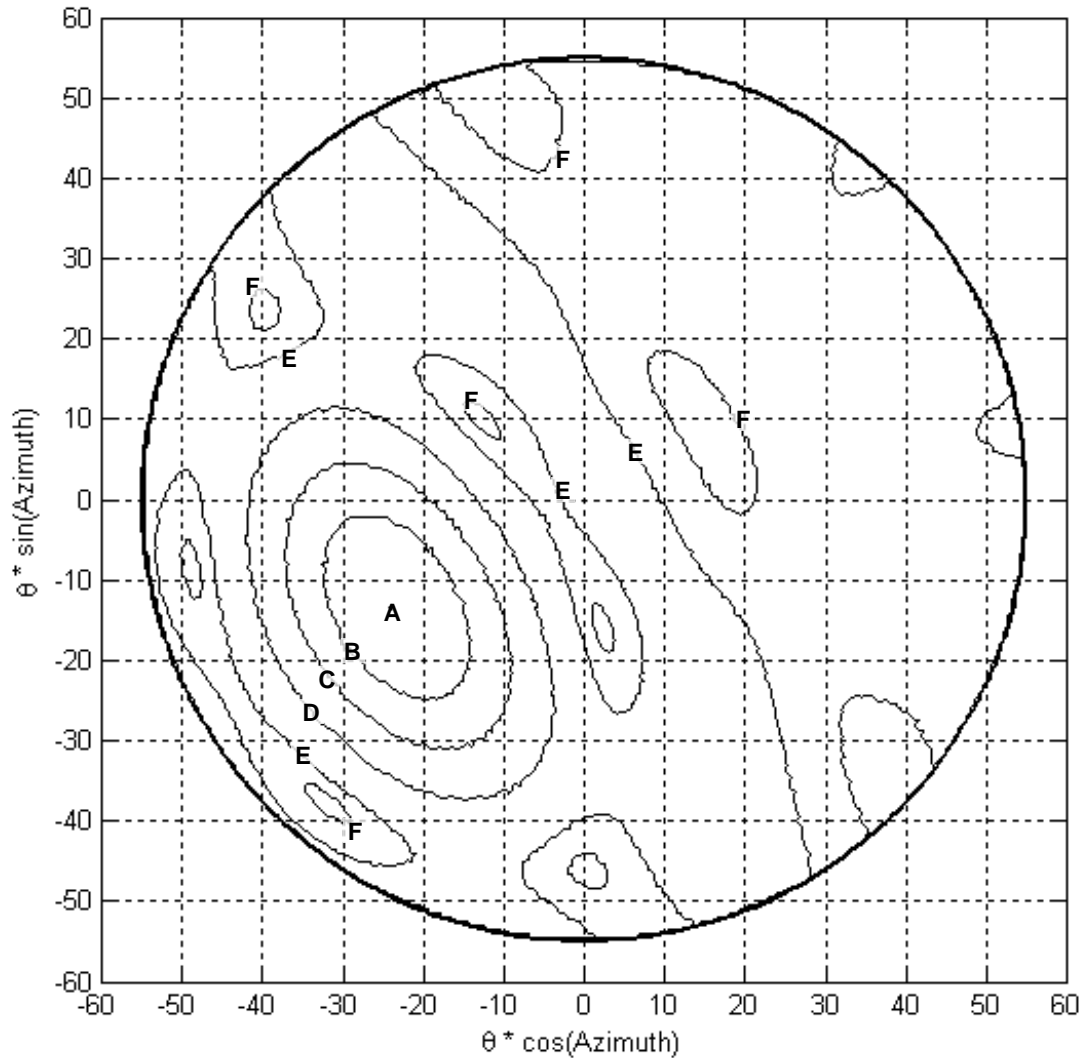
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 17.02 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 6, as viewed from the satellite.



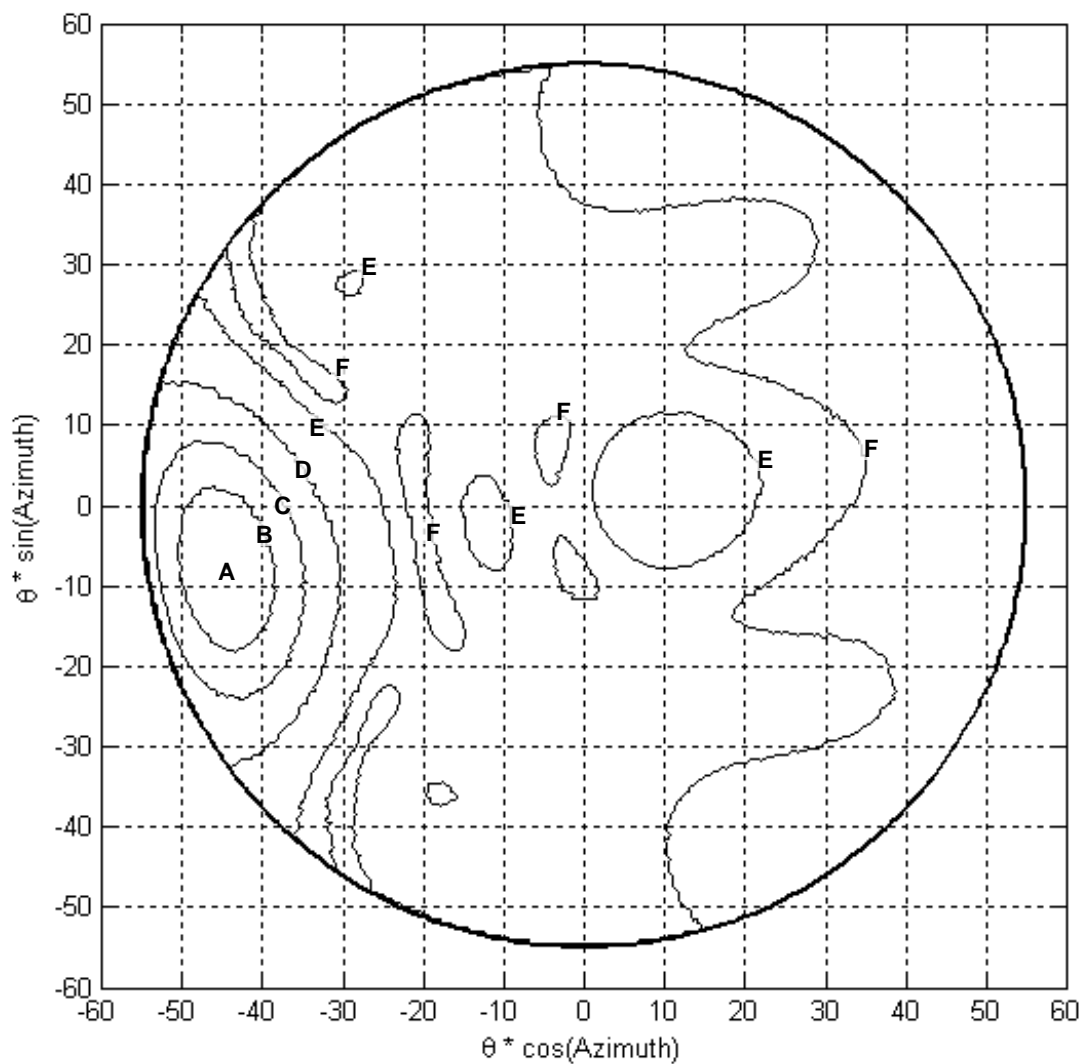
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 17.02 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 7, as viewed from the satellite.



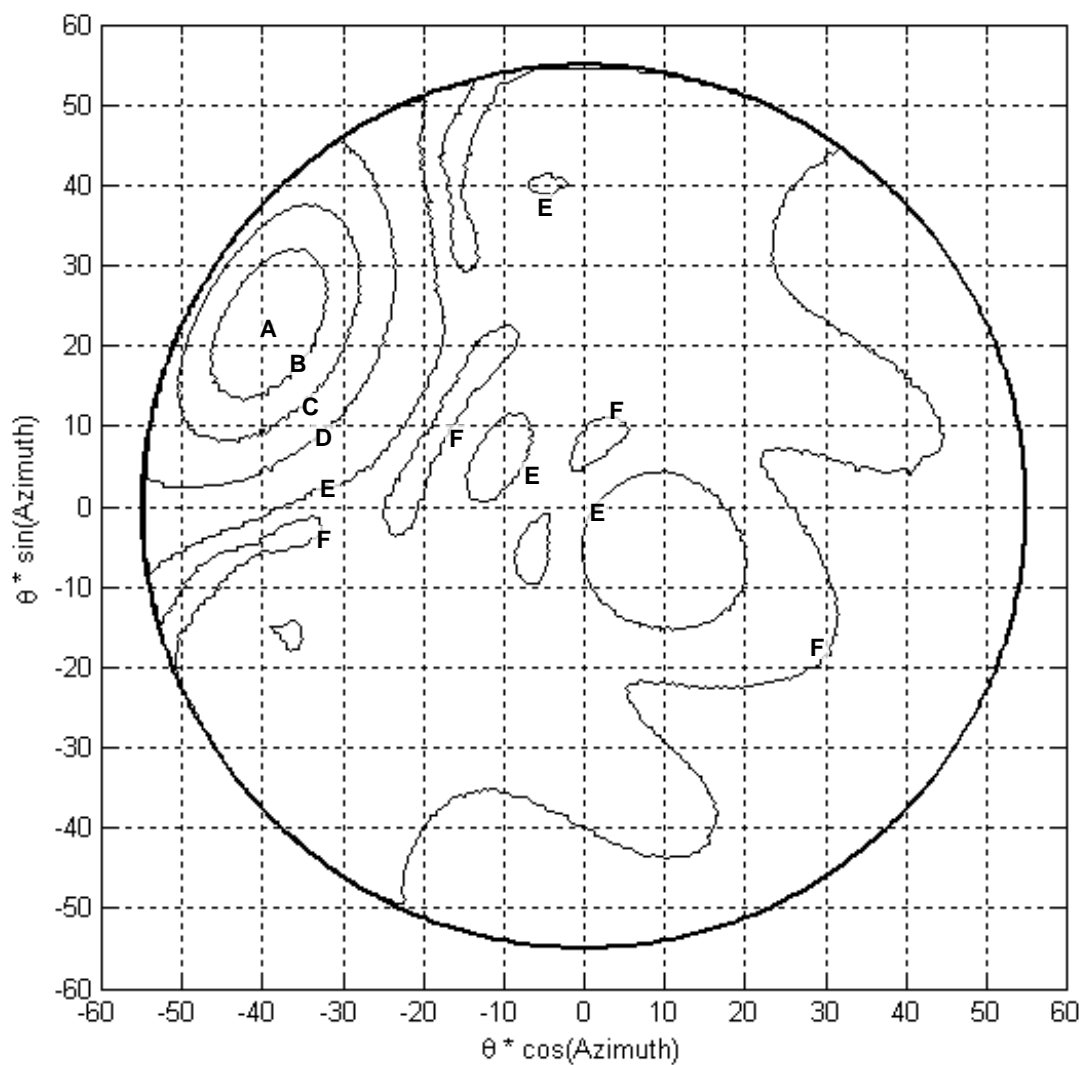
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 18.94 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 8, as viewed from the satellite.



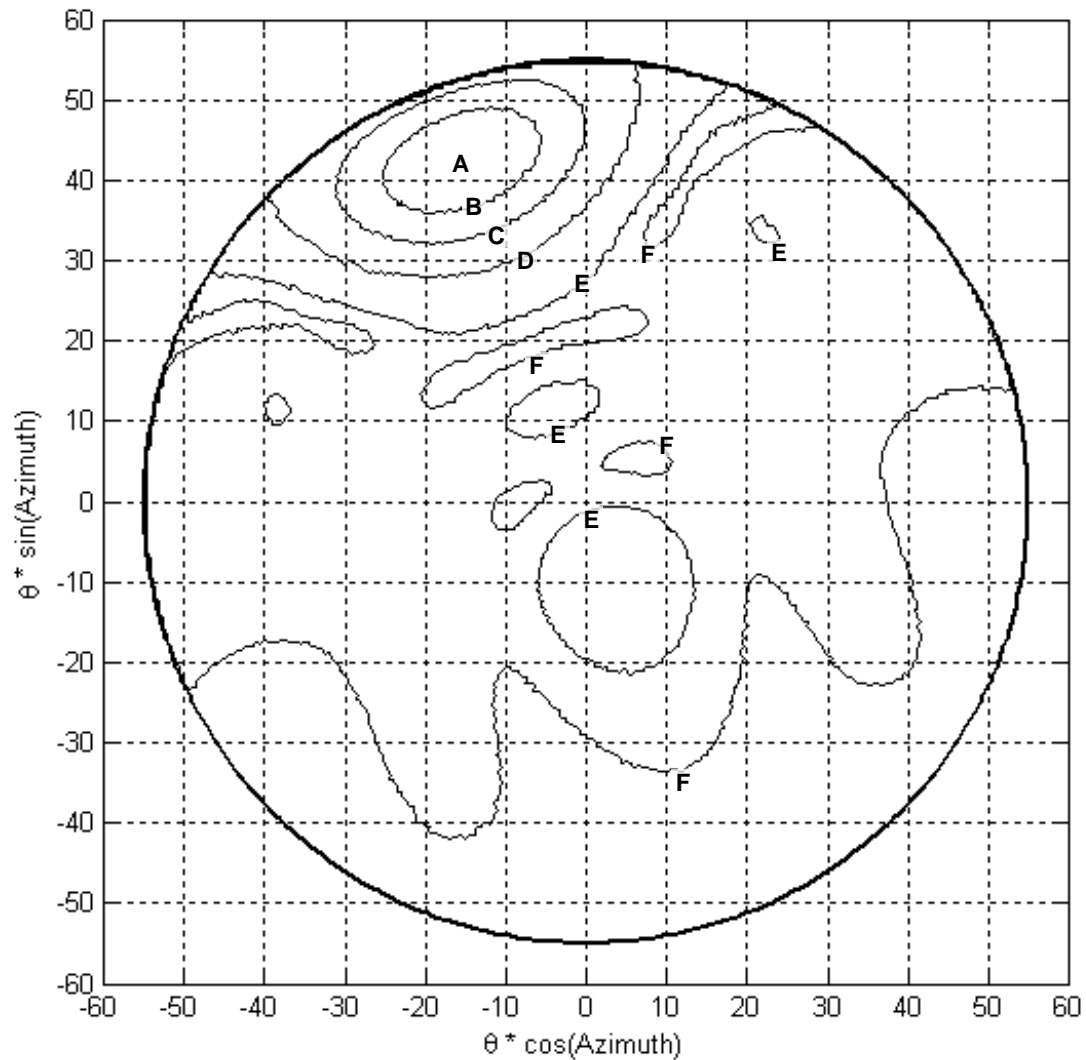
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 18.94 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 9, as viewed from the satellite.



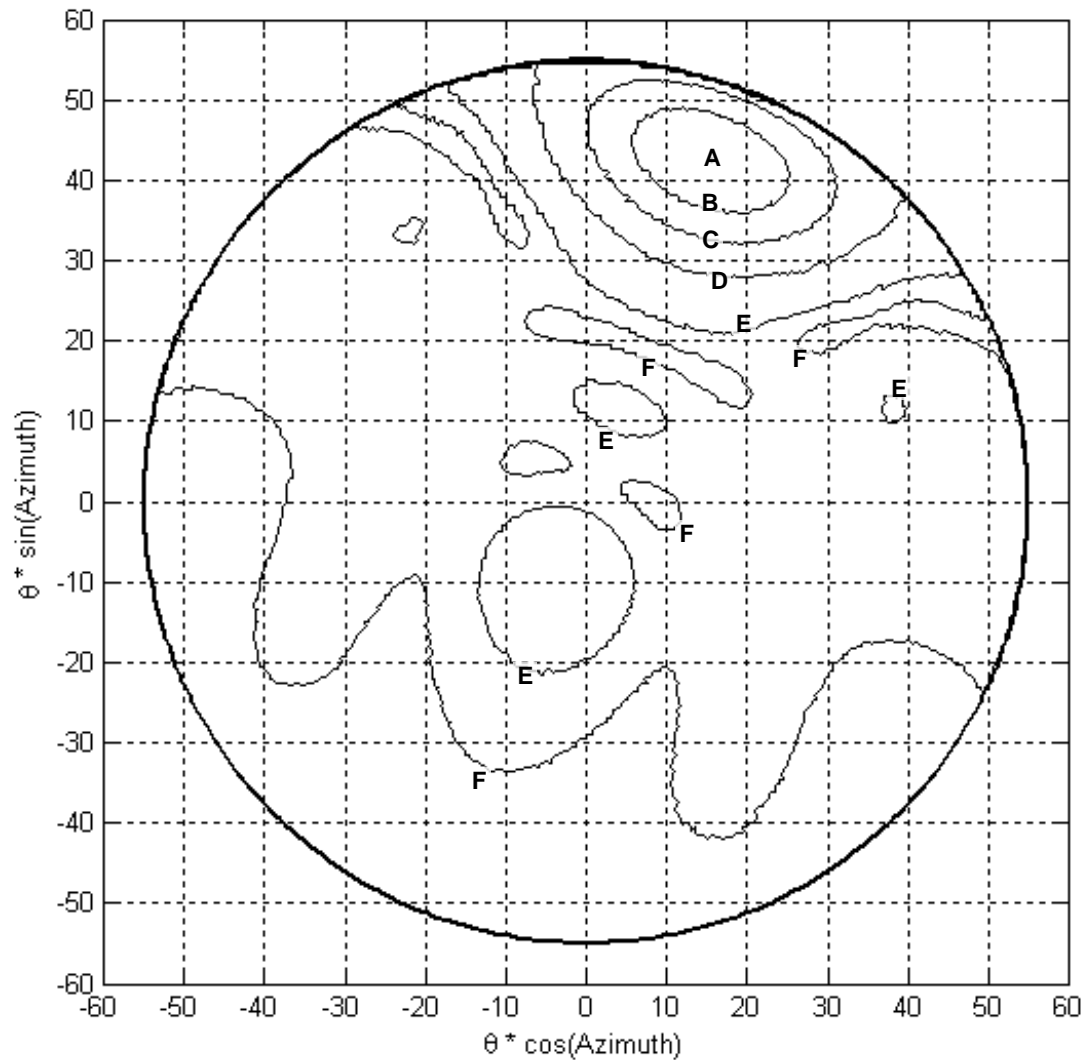
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 18.94 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 10, as viewed from the satellite.



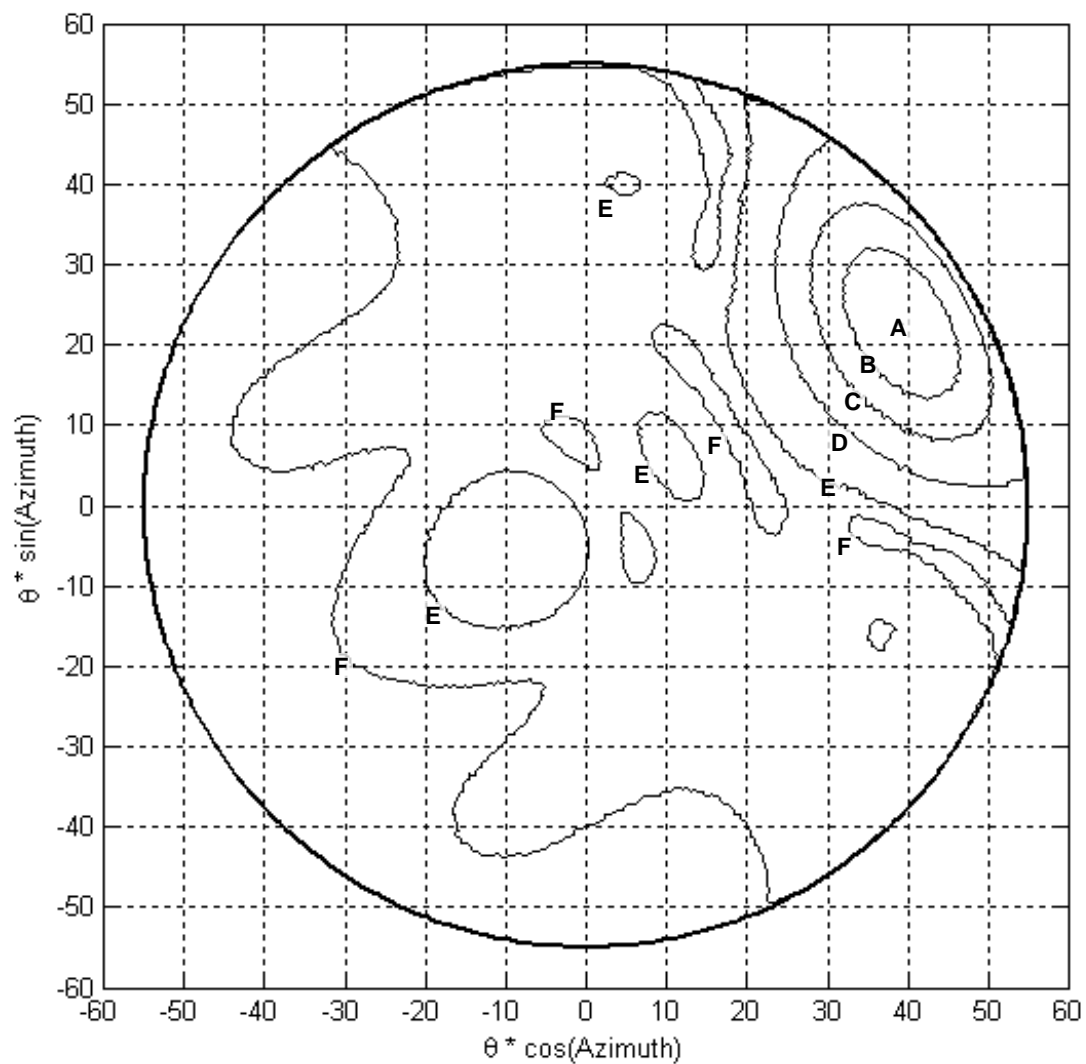
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 18.95 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 11, as viewed from the satellite.



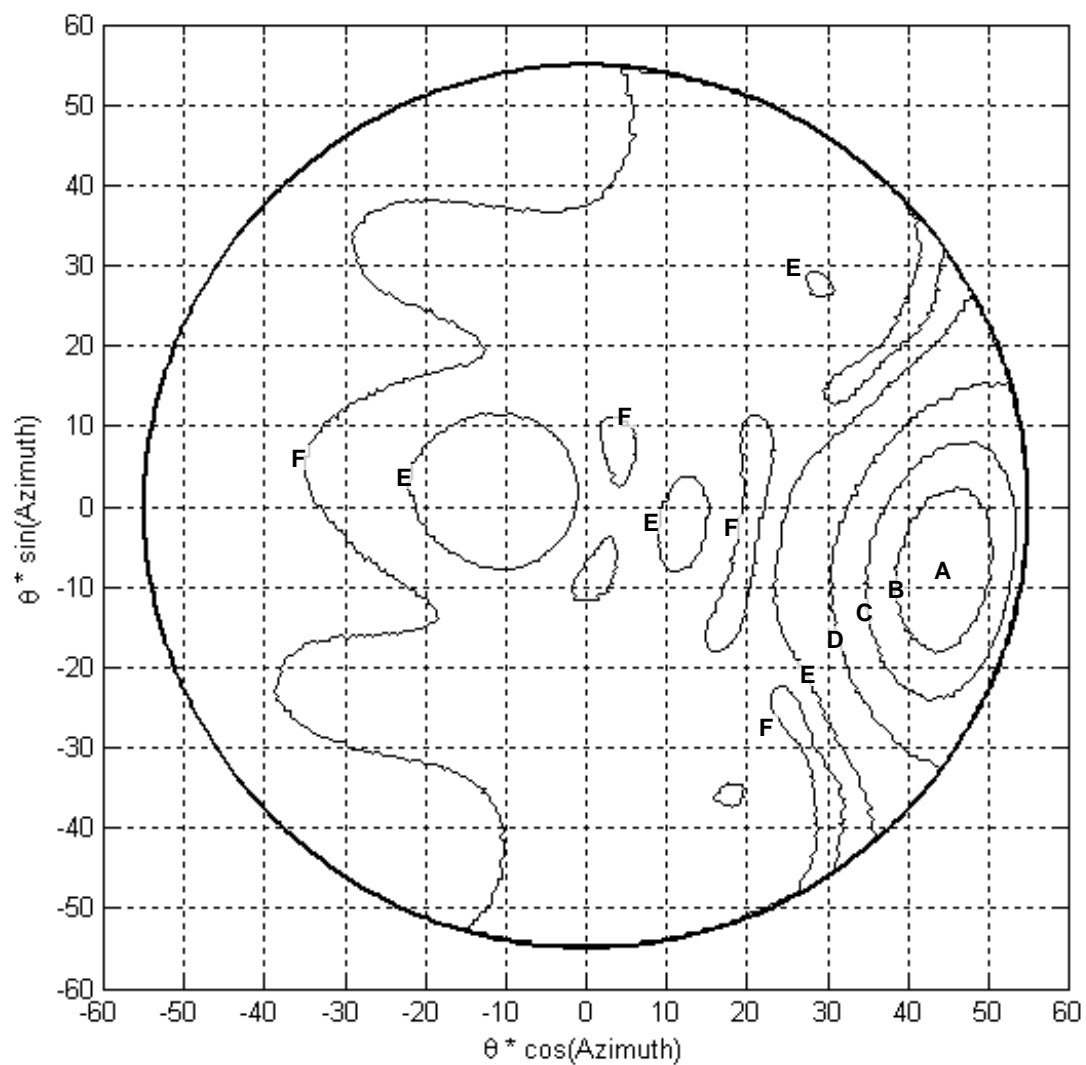
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 18.93 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 12, as viewed from the satellite.



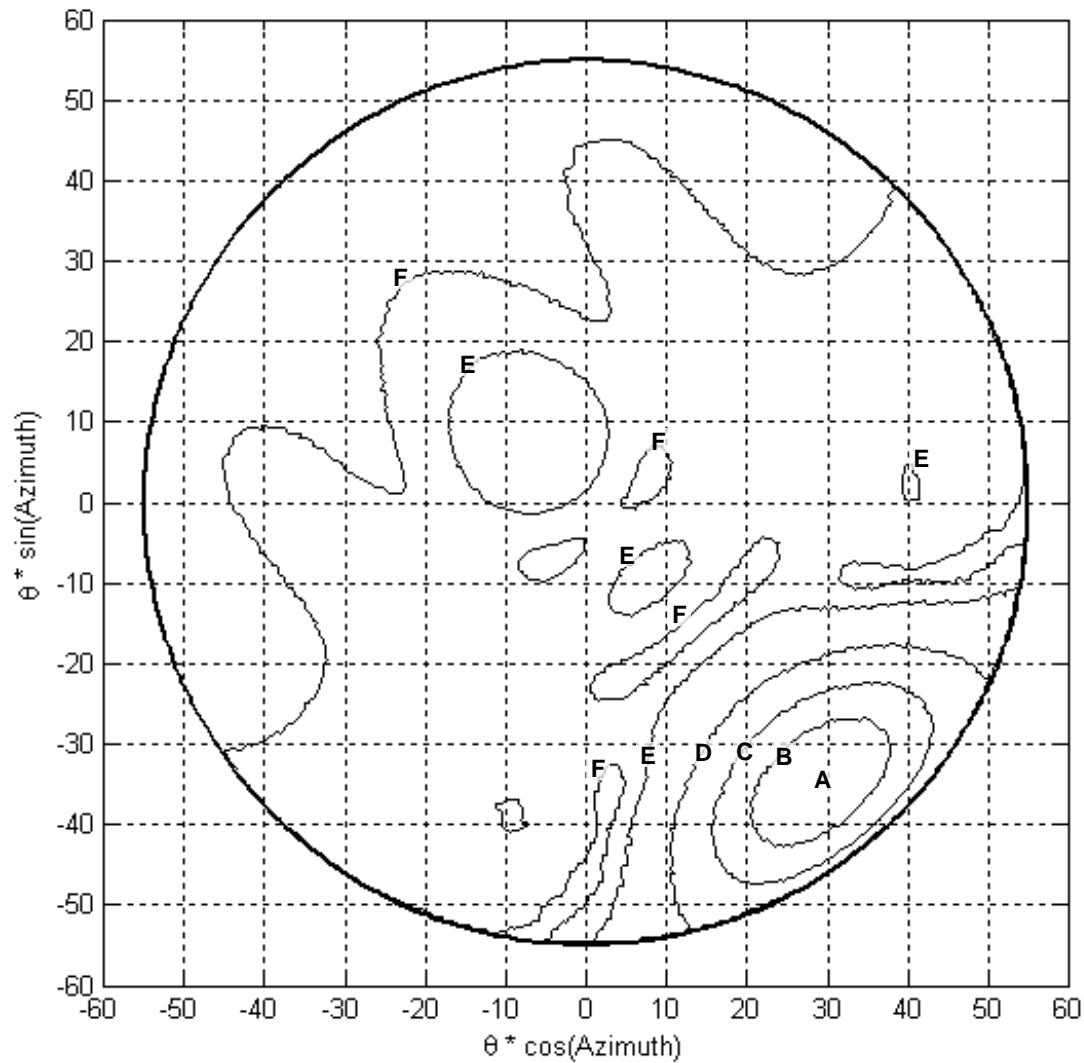
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 18.94 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 13, as viewed from the satellite.



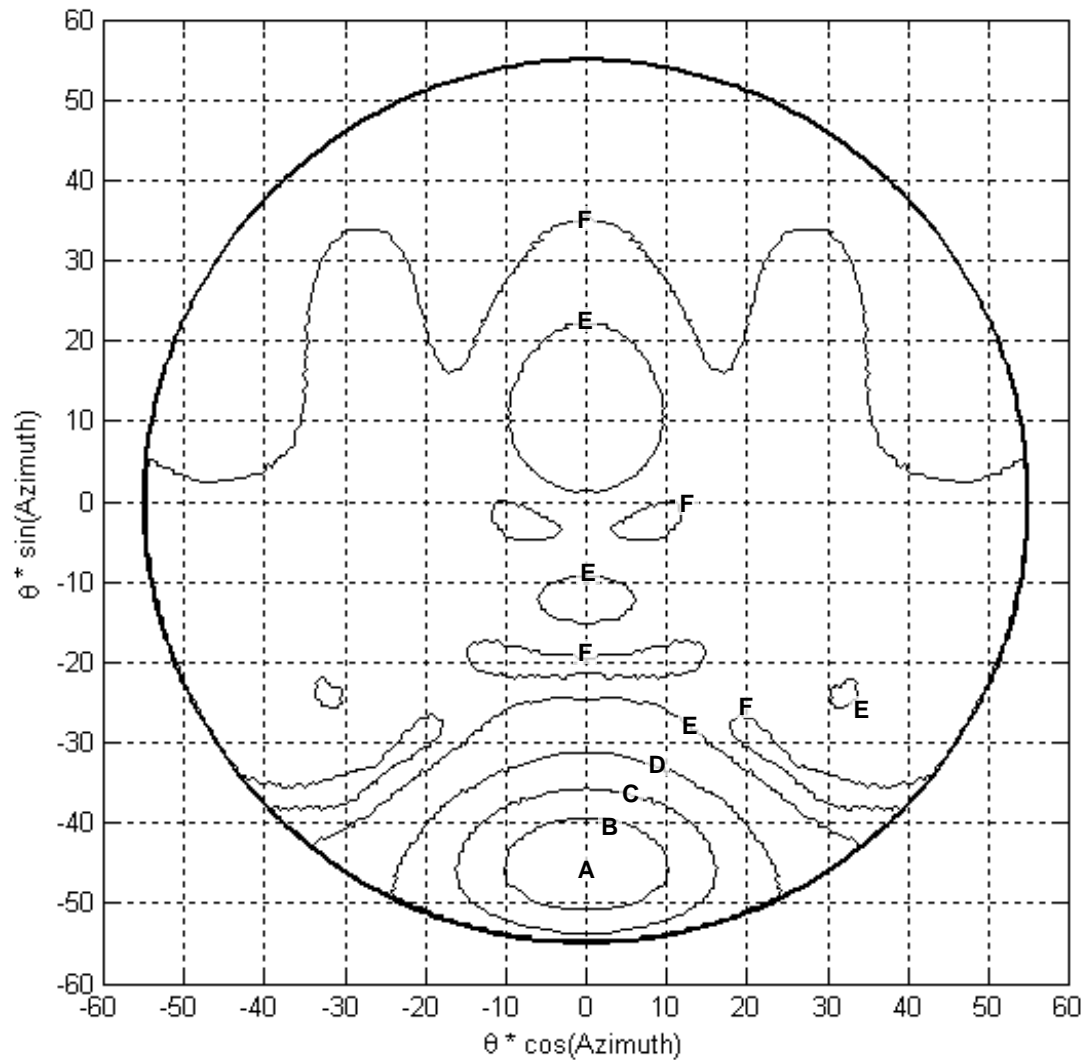
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 18.94 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 14, as viewed from the satellite.



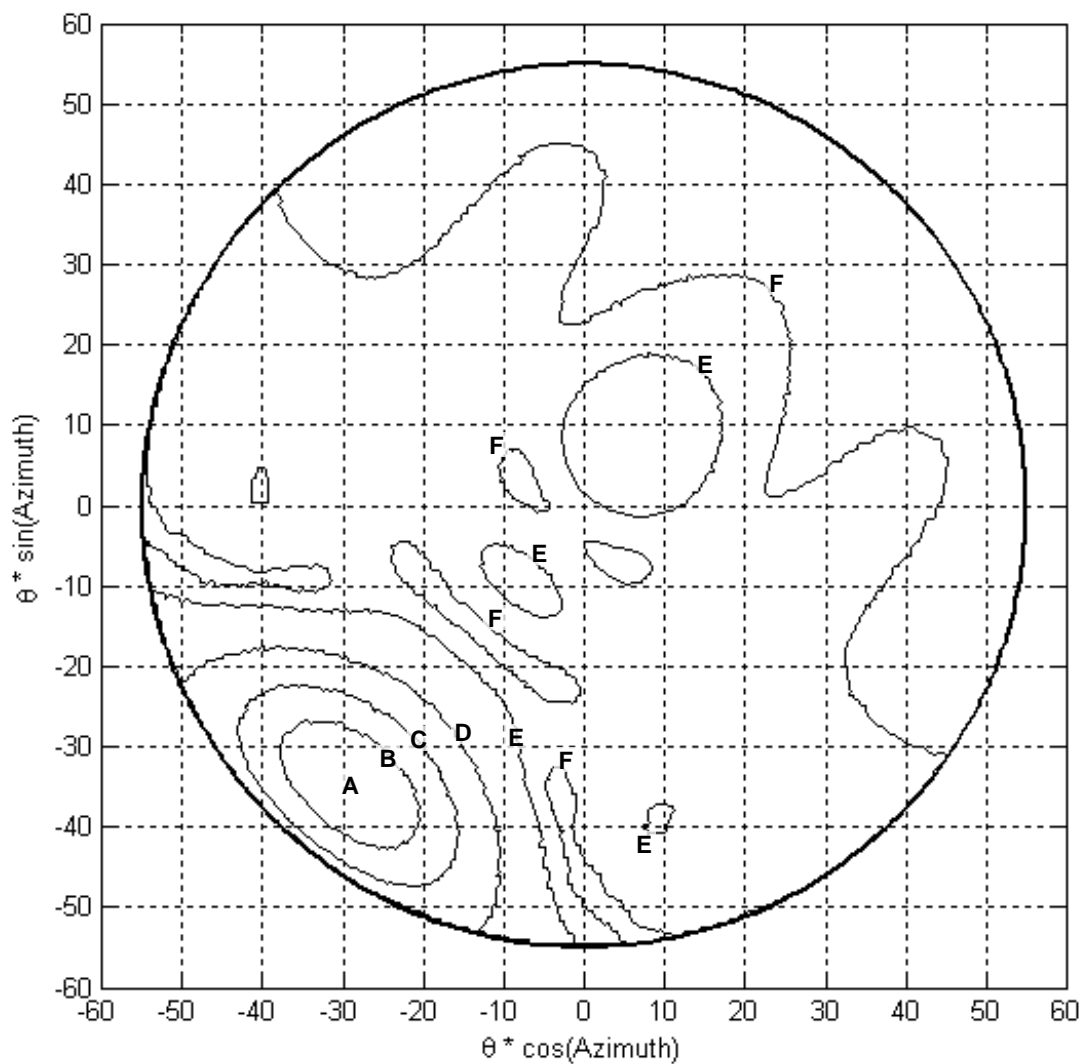
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 18.94 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 15, as viewed from the satellite.



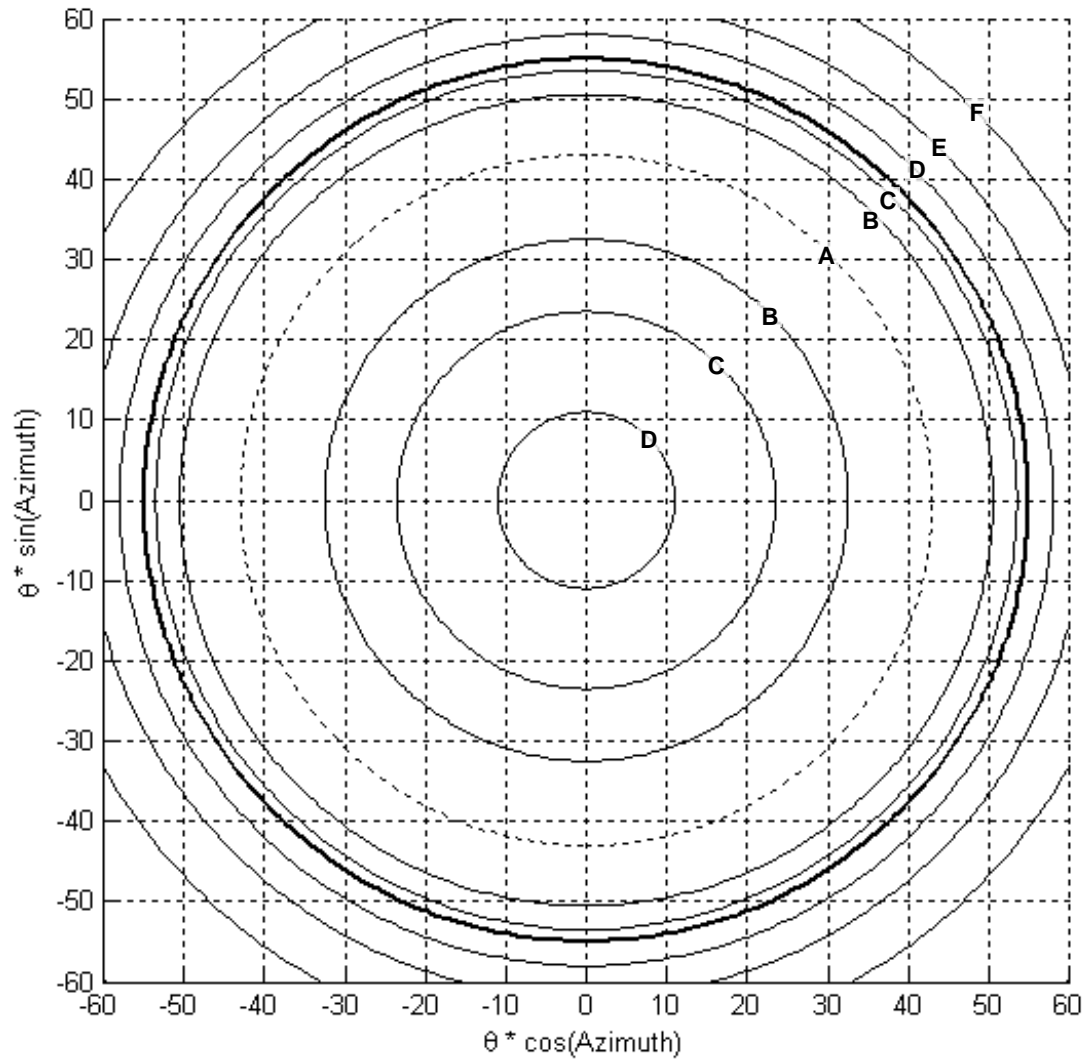
Contour Levels Relative to Peak:

A	0
B	-2
C	-5
D	-10
E	-20
F	-30

Note:

3. Maximum gain at point A is 18.94 dBi
4. Thick Circle shows 54.9 degree Earth edge.

Figure: S-band transmit antenna gain contour for beam 16, as viewed from the satellite.



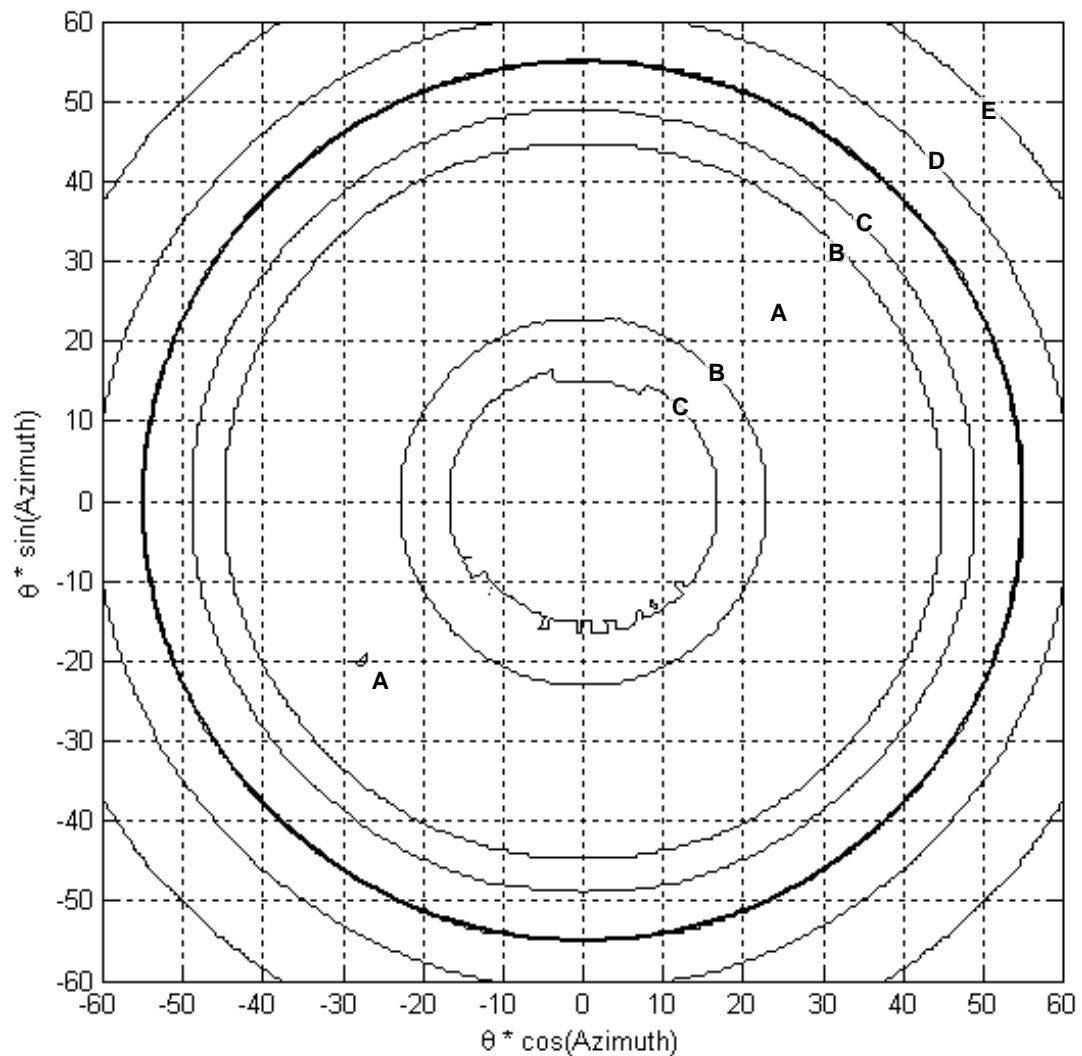
Contour Levels Relative to Peak:

A	0
B	-1
C	-2
D	-4
E	-6
F	-10

Note:

1. Maximum gain at point A is 6.82 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: C-band transmit antenna gain contour, as viewed from the satellite.



Contour Levels Relative to Peak:

A	0
B	-1
C	-2
D	-4
E	-6
F	-10

Note:

1. Maximum gain at point A is 6.85 dBi
2. Thick Circle shows 54.9 degree Earth edge.

Figure: C-band receive antenna gain contour, as viewed from the satellite.

