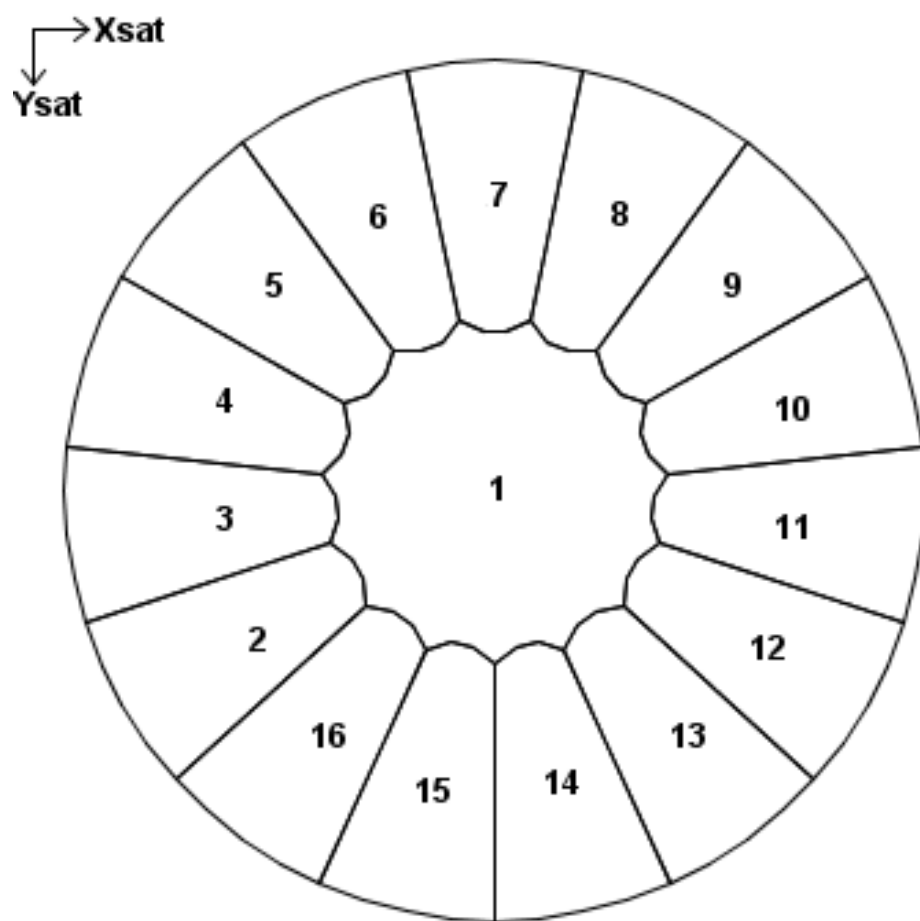
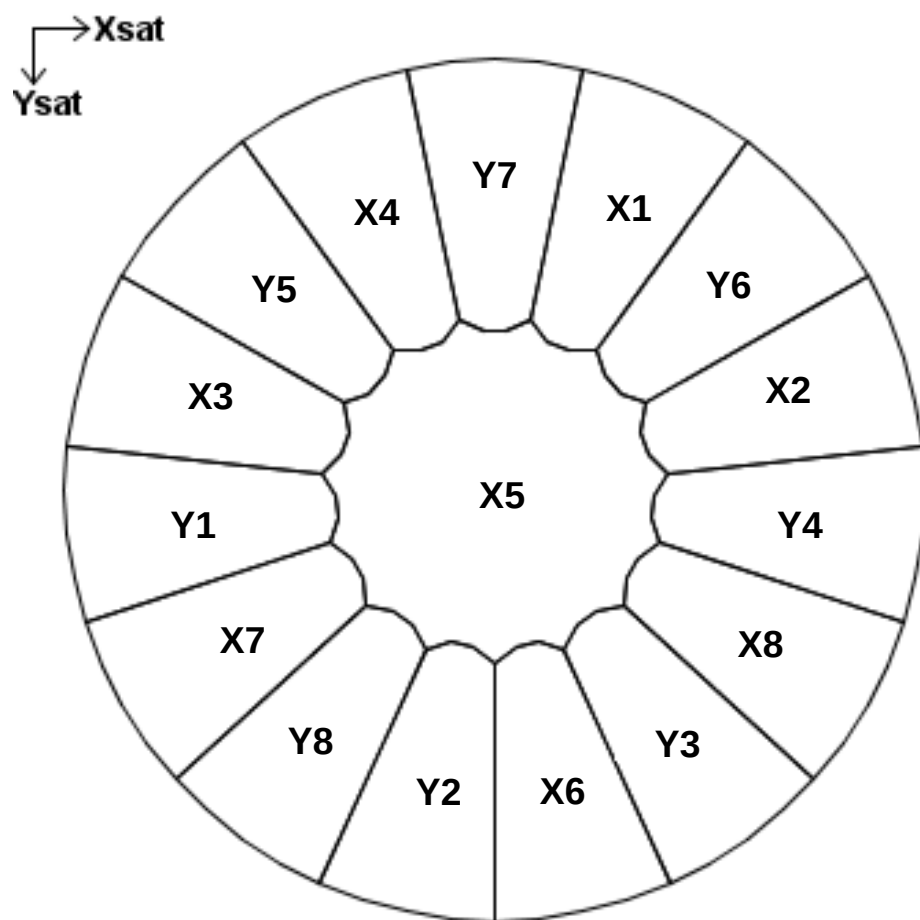


## Globalstar Satellite Antenna Gain

- 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



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

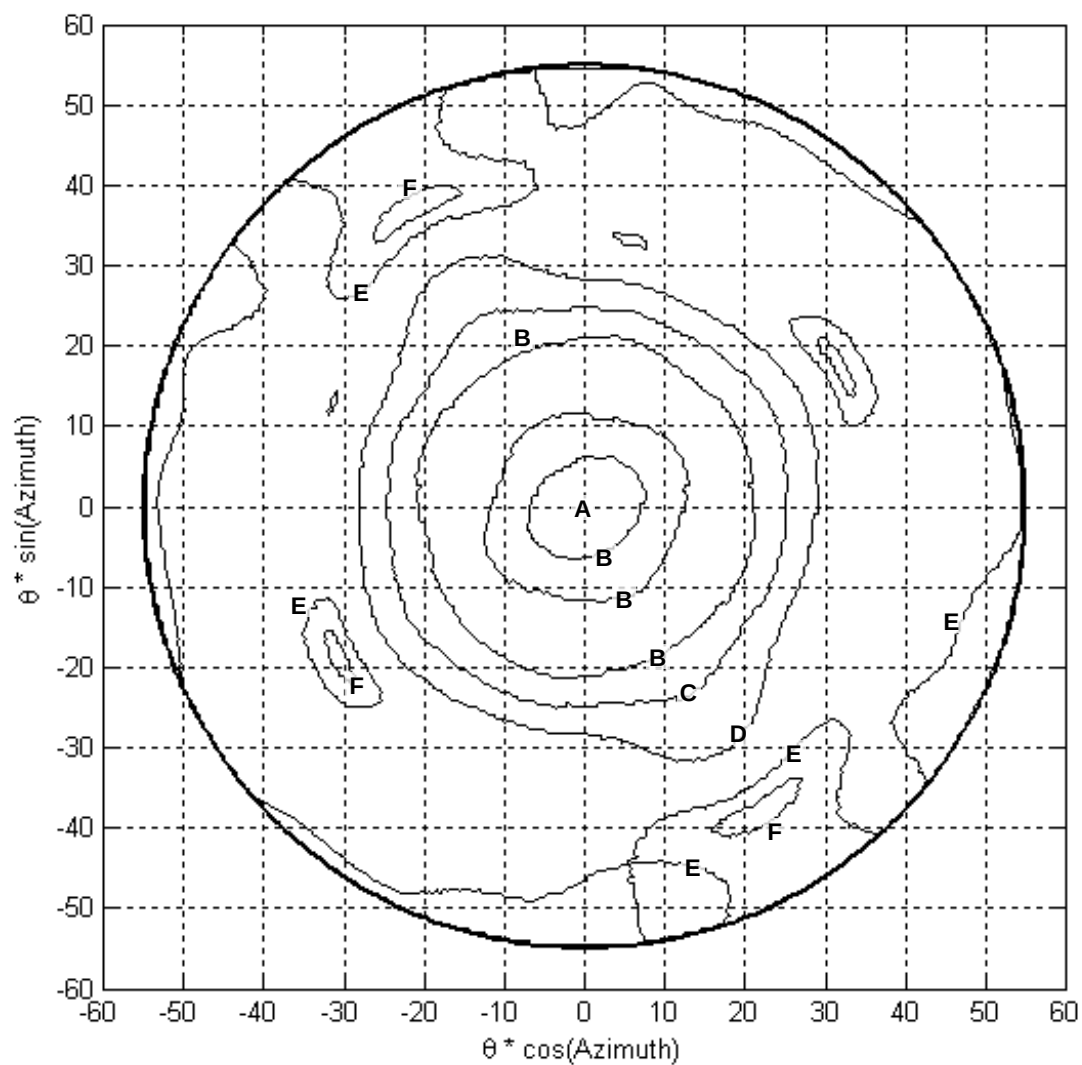


Figure: L-band transmit antenna gain contour for beam 1, as viewed from the satellite.

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 13.89 dBi
2. Thick Circle shows 54.9 degree Earth edge.

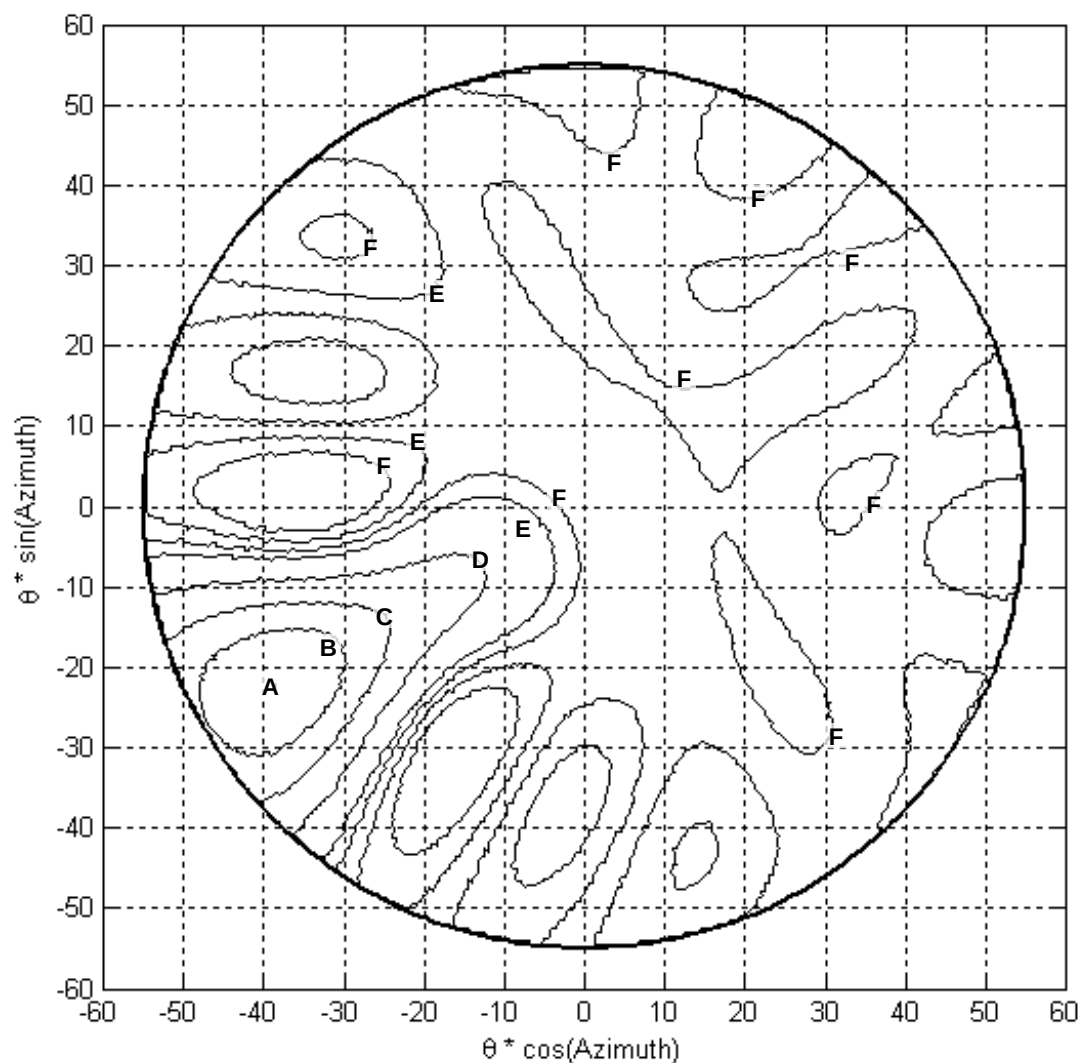


Figure: L-Band transmit antenna gain contour for beam 2, as viewed from the satellite.

Contour Levels Relative to Peak:

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

Note:

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

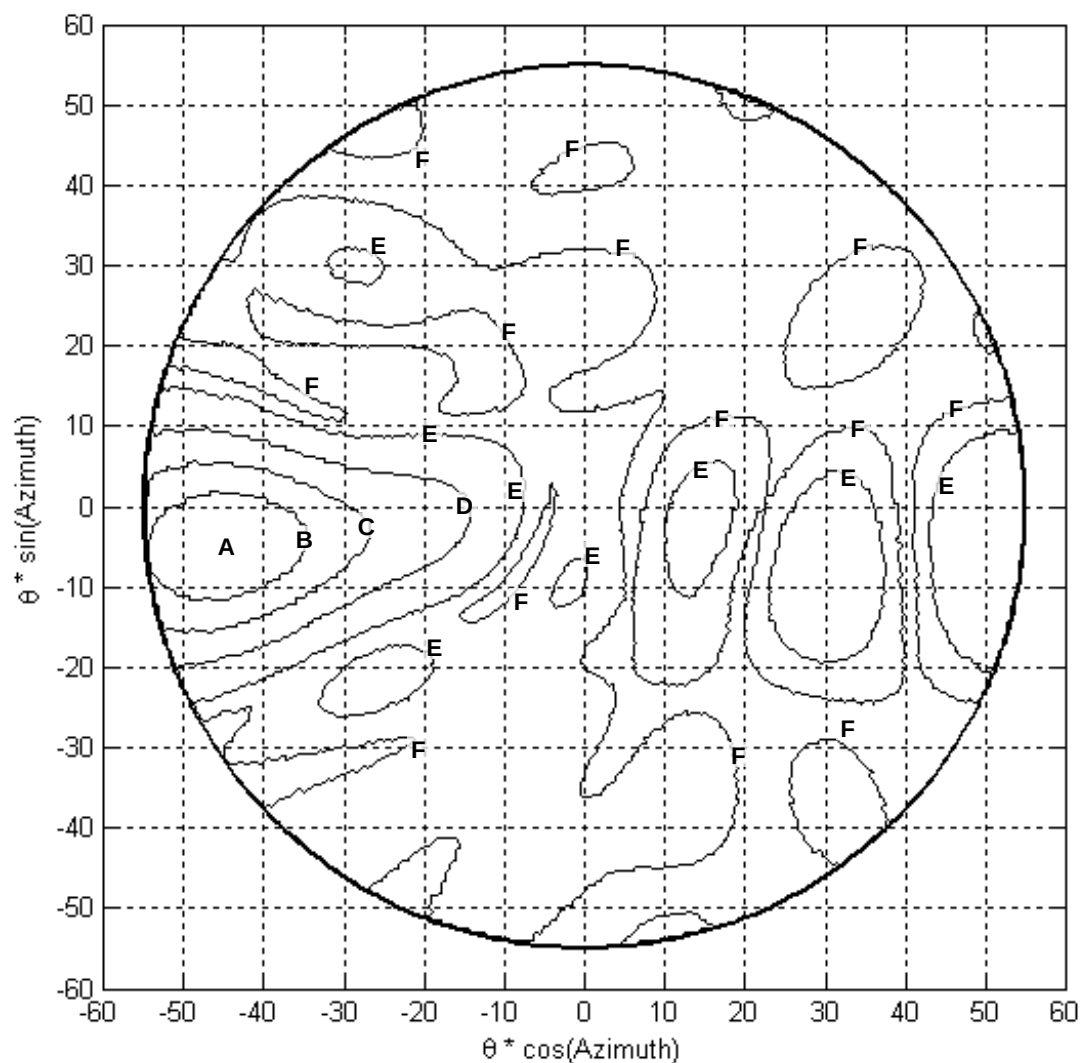


Figure: L-Band transmit antenna gain contour for beam 3, as viewed from the satellite.

Contour Levels Relative to Peak:

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

Note:

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

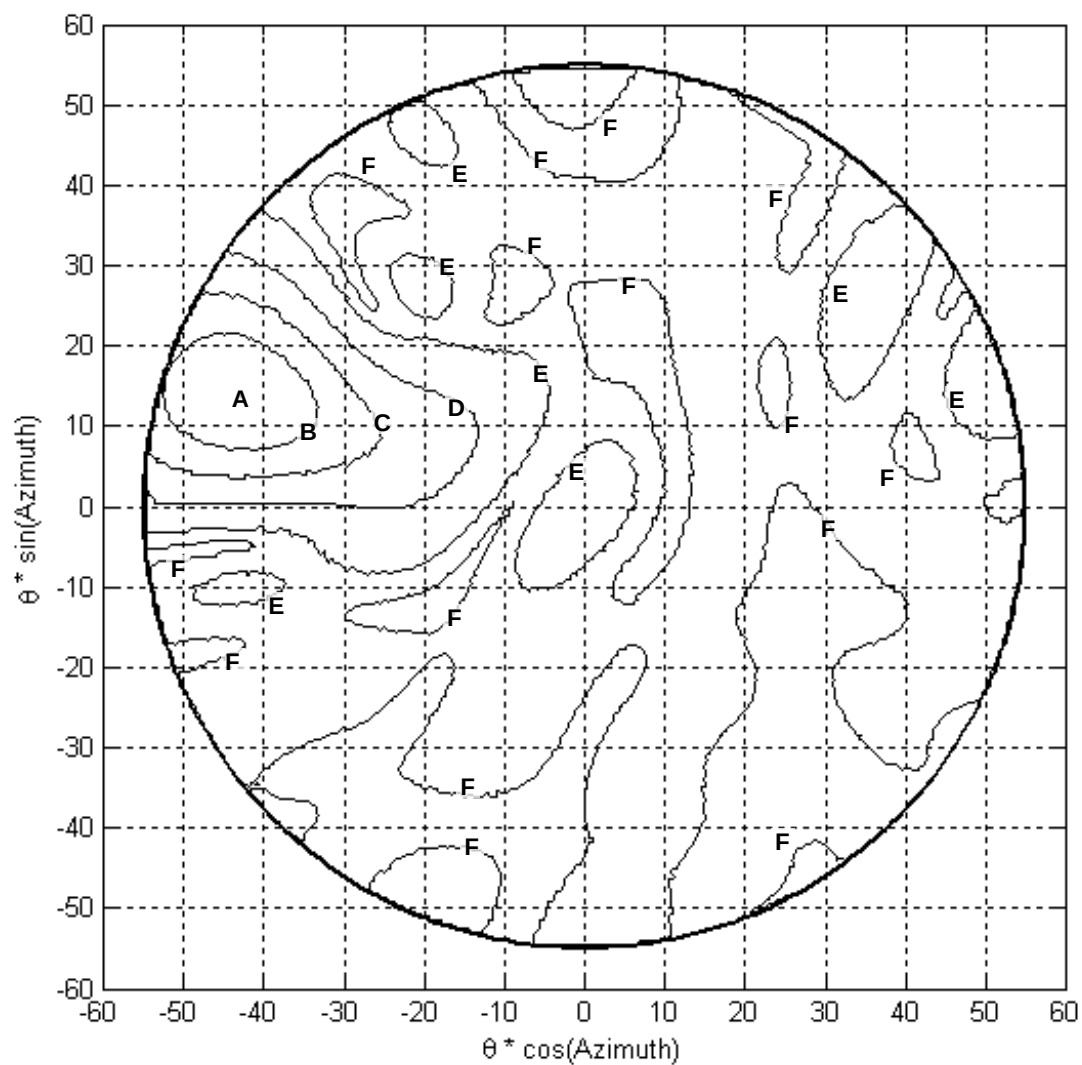


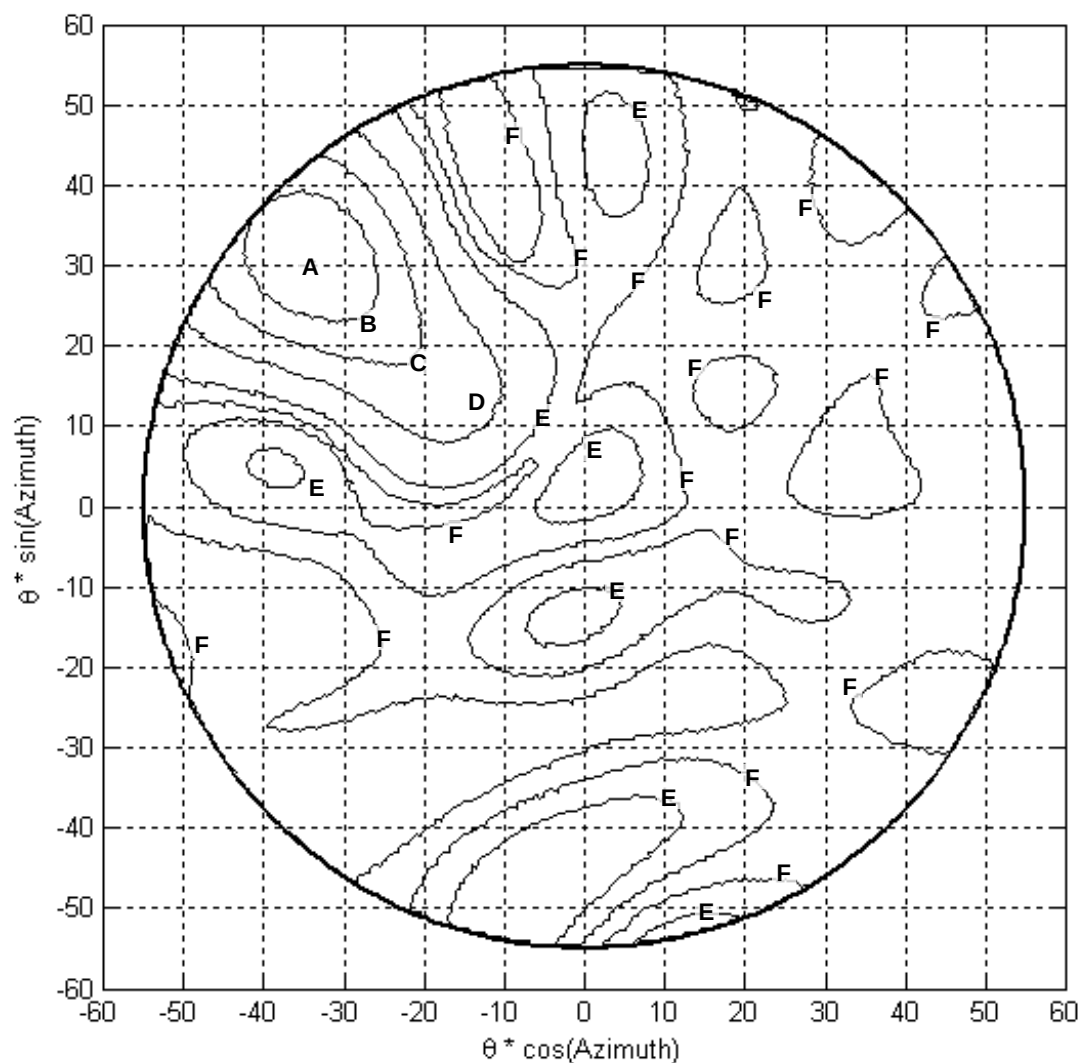
Figure: L-Band transmit antenna gain contour for beam 4, as viewed from the satellite.

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 18.75 dBi
2. Thick Circle shows 54.9 degree Earth edge.



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.



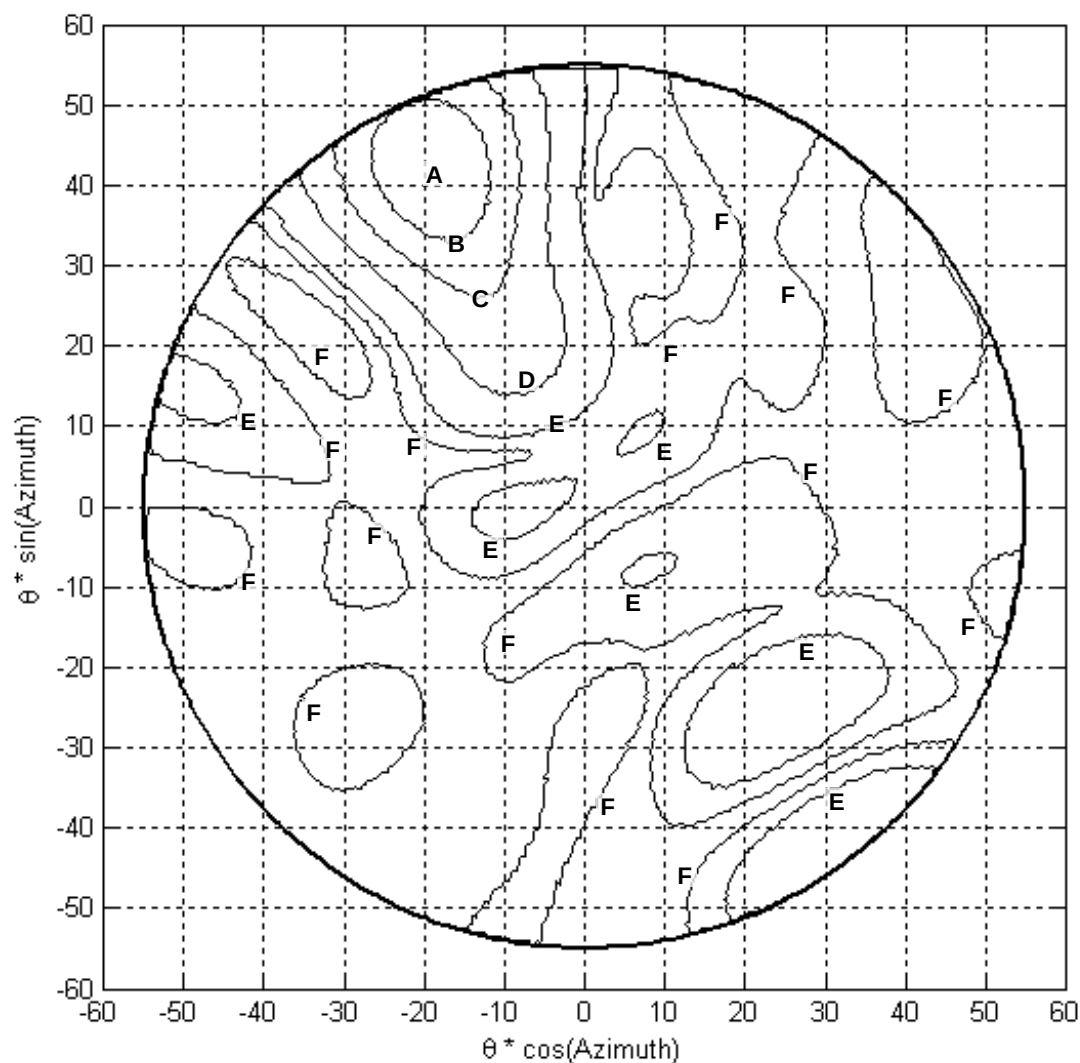


Figure: L-Band transmit antenna gain contour for beam 6, as viewed from the satellite.

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 19.04 dBi
2. Thick Circle shows 54.9 degree Earth edge.

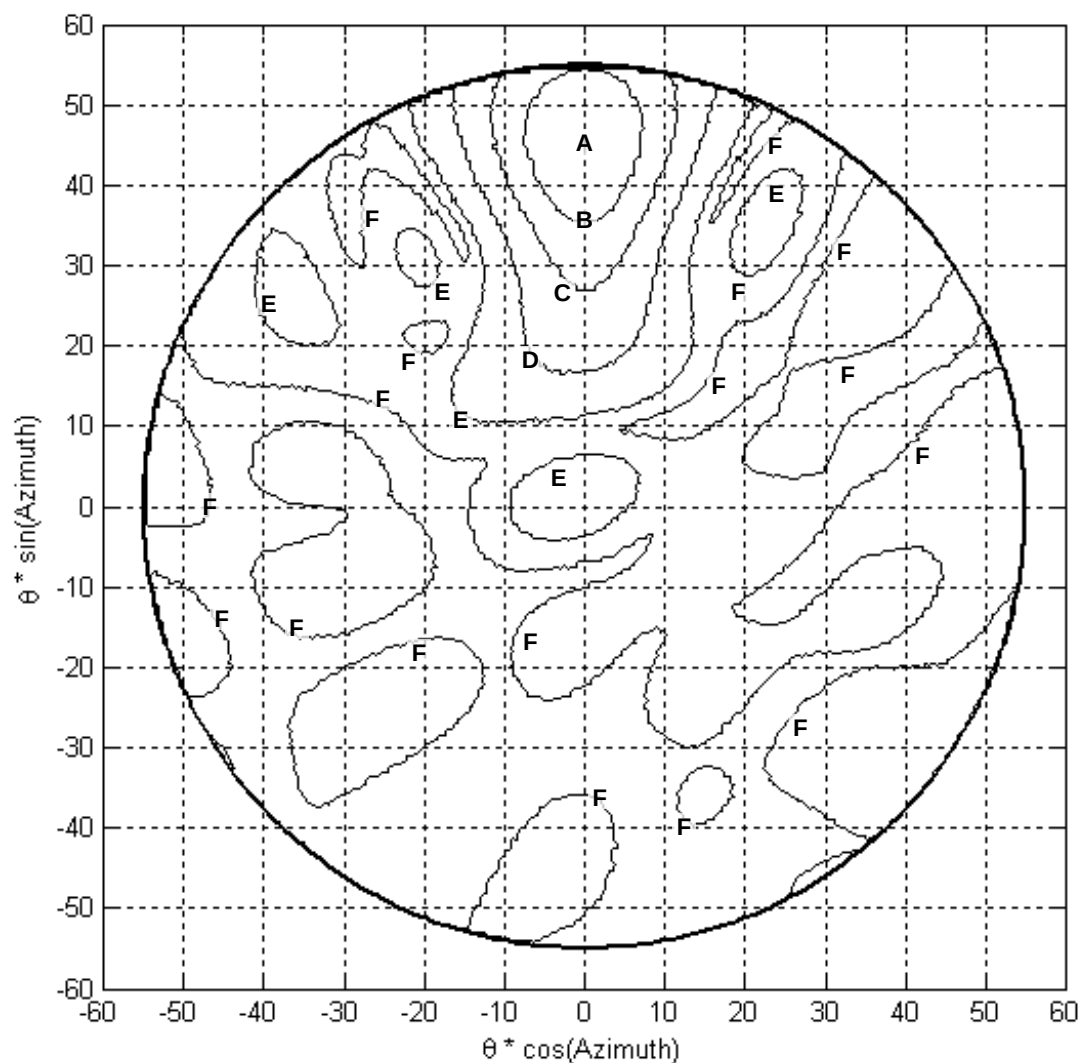


Figure: L-Band transmit antenna gain contour for beam 7, as viewed from the satellite.

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 18.82 dBi
2. Thick Circle shows 54.9 degree Earth edge.

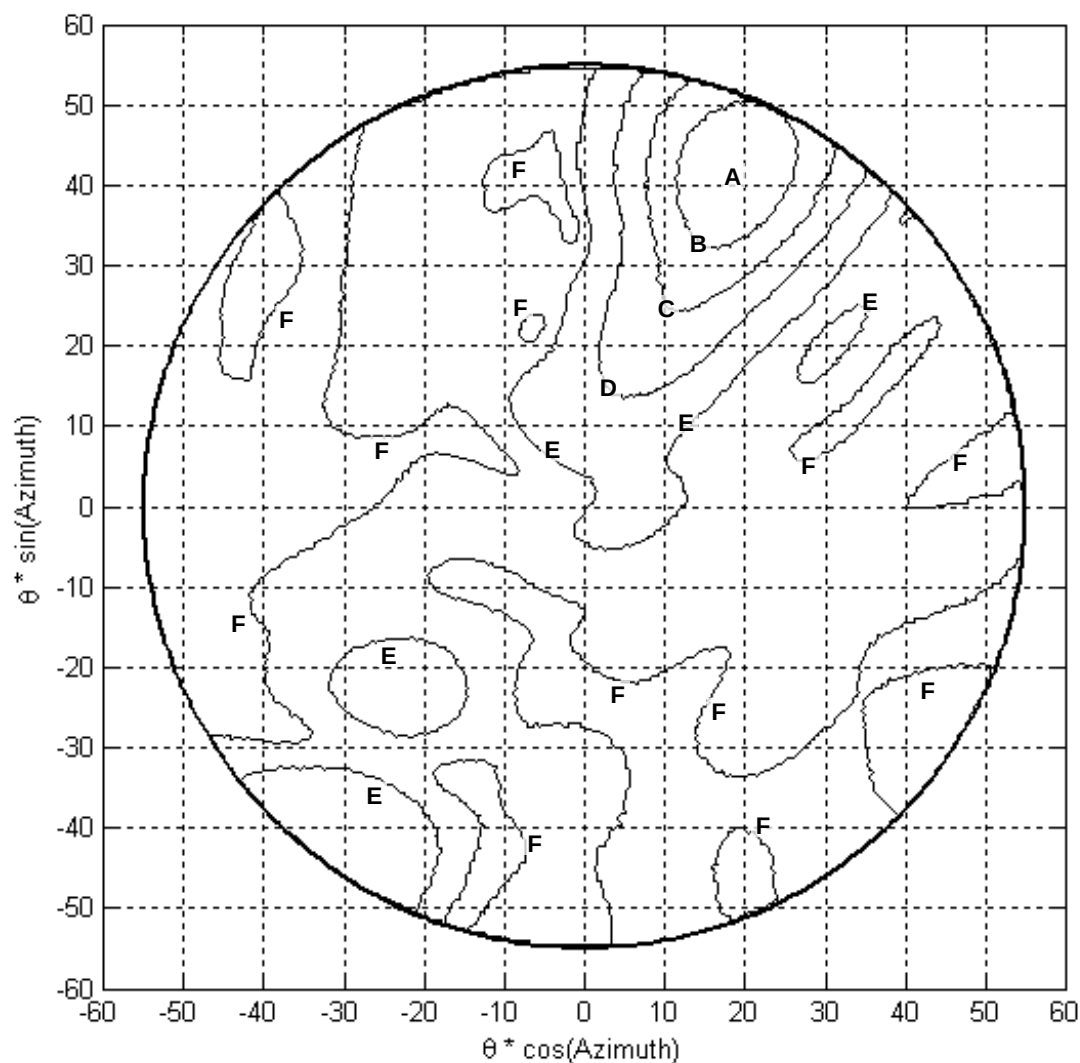


Figure: L-Band transmit antenna gain contour for beam 8, as viewed from the satellite.

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 18.89 dBi
2. Thick Circle shows 54.9 degree Earth edge.

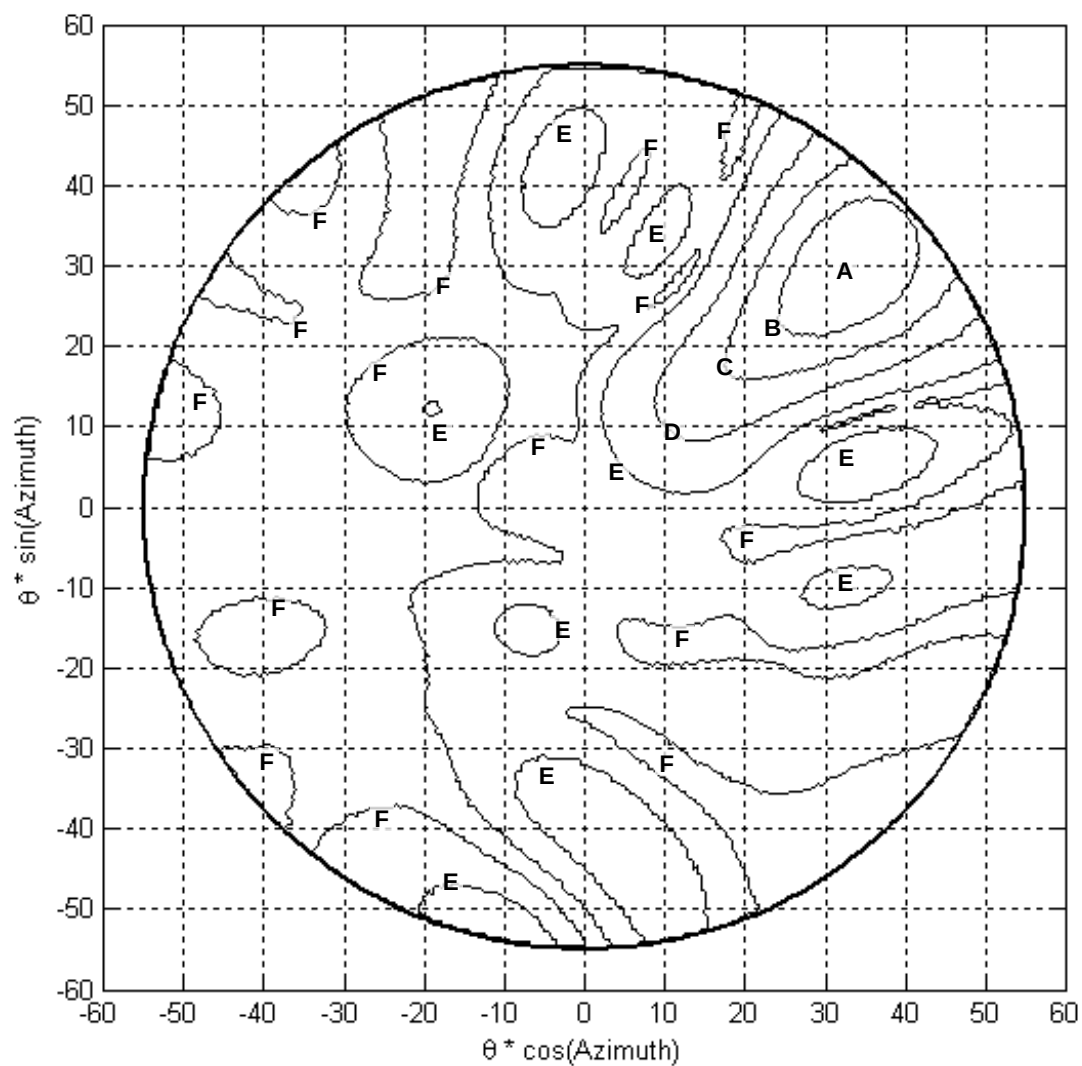


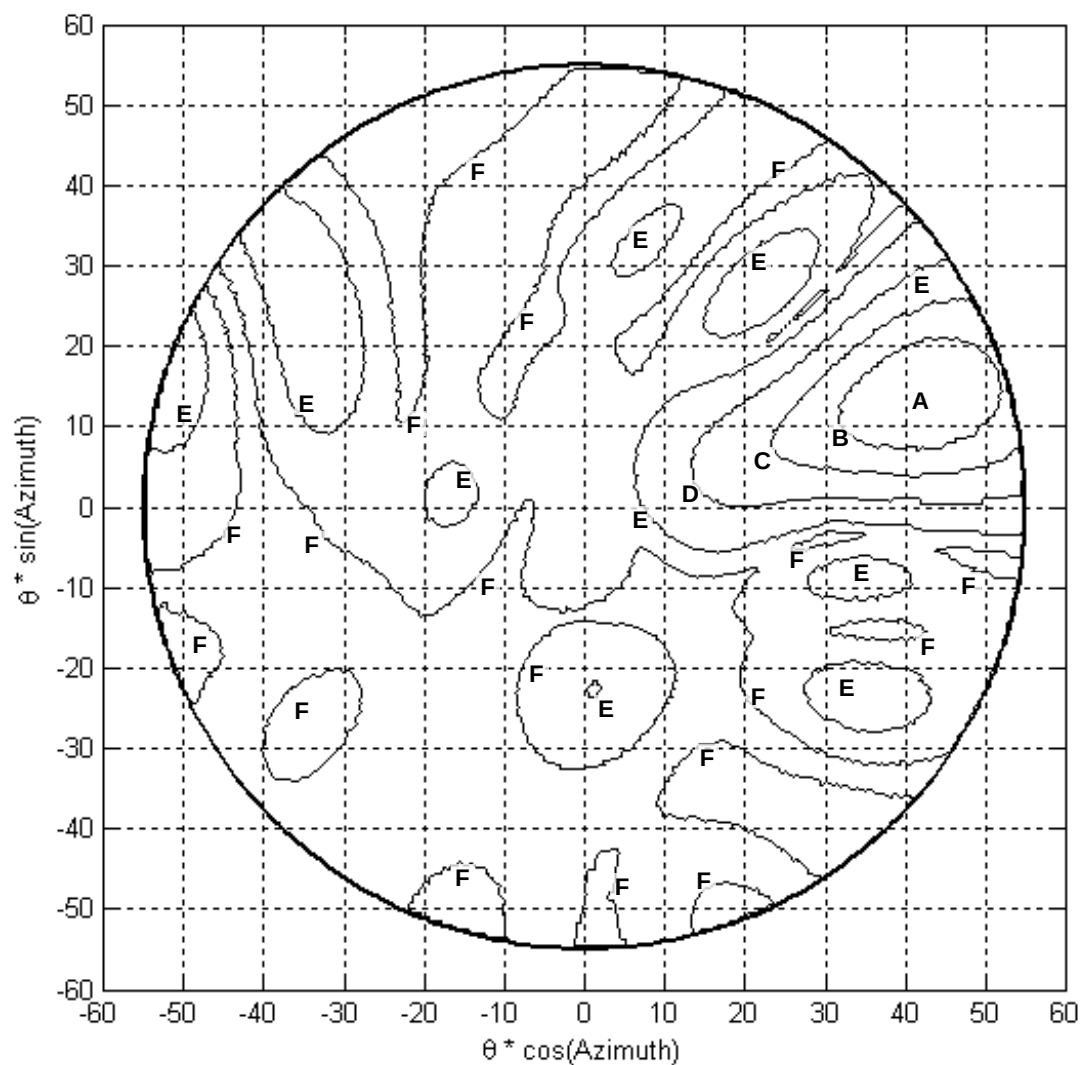
Figure: L-Band transmit antenna gain contour for beam 9, as viewed from the satellite.

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.



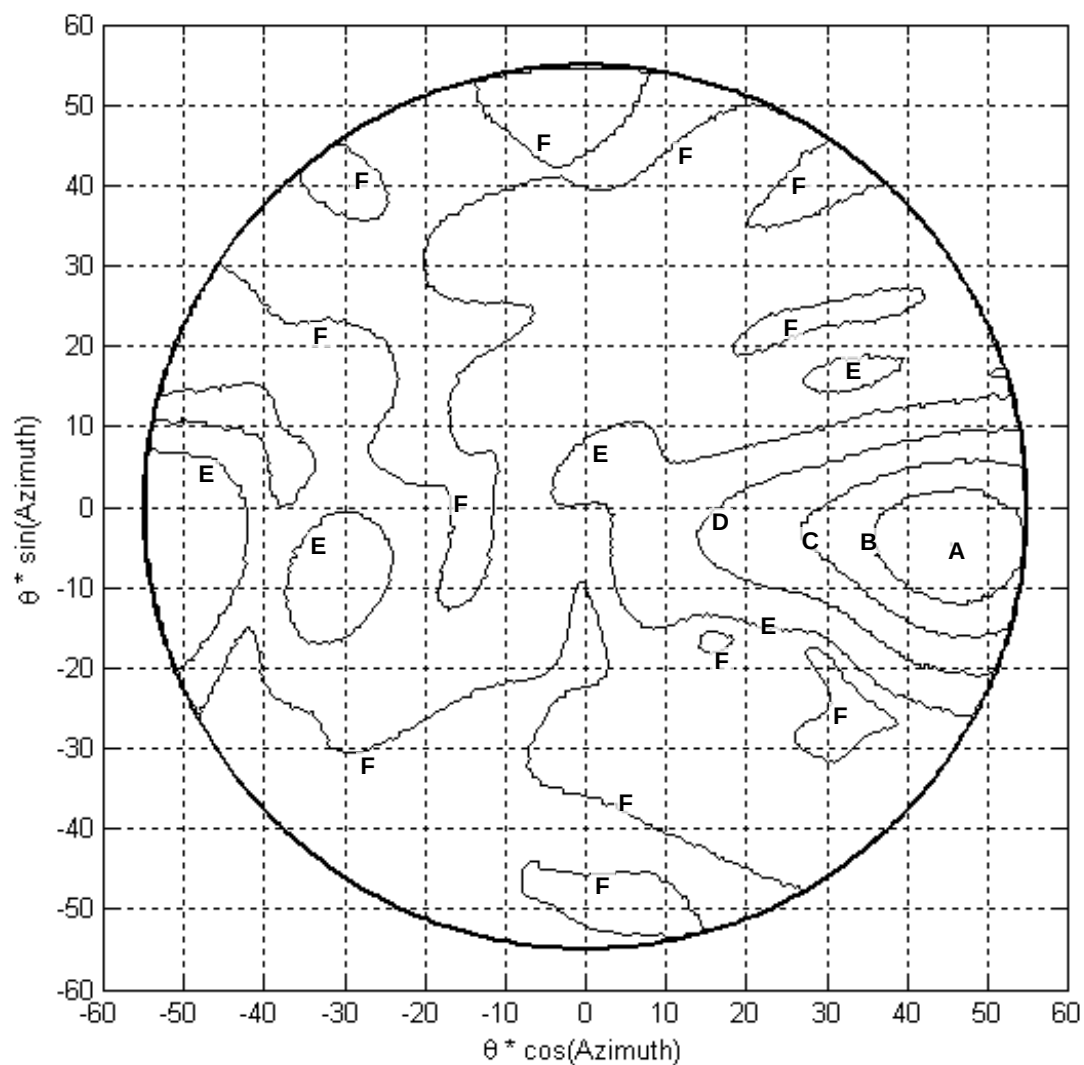
Contour Levels Relative to Peak:

|   |     |
|---|-----|
| 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.

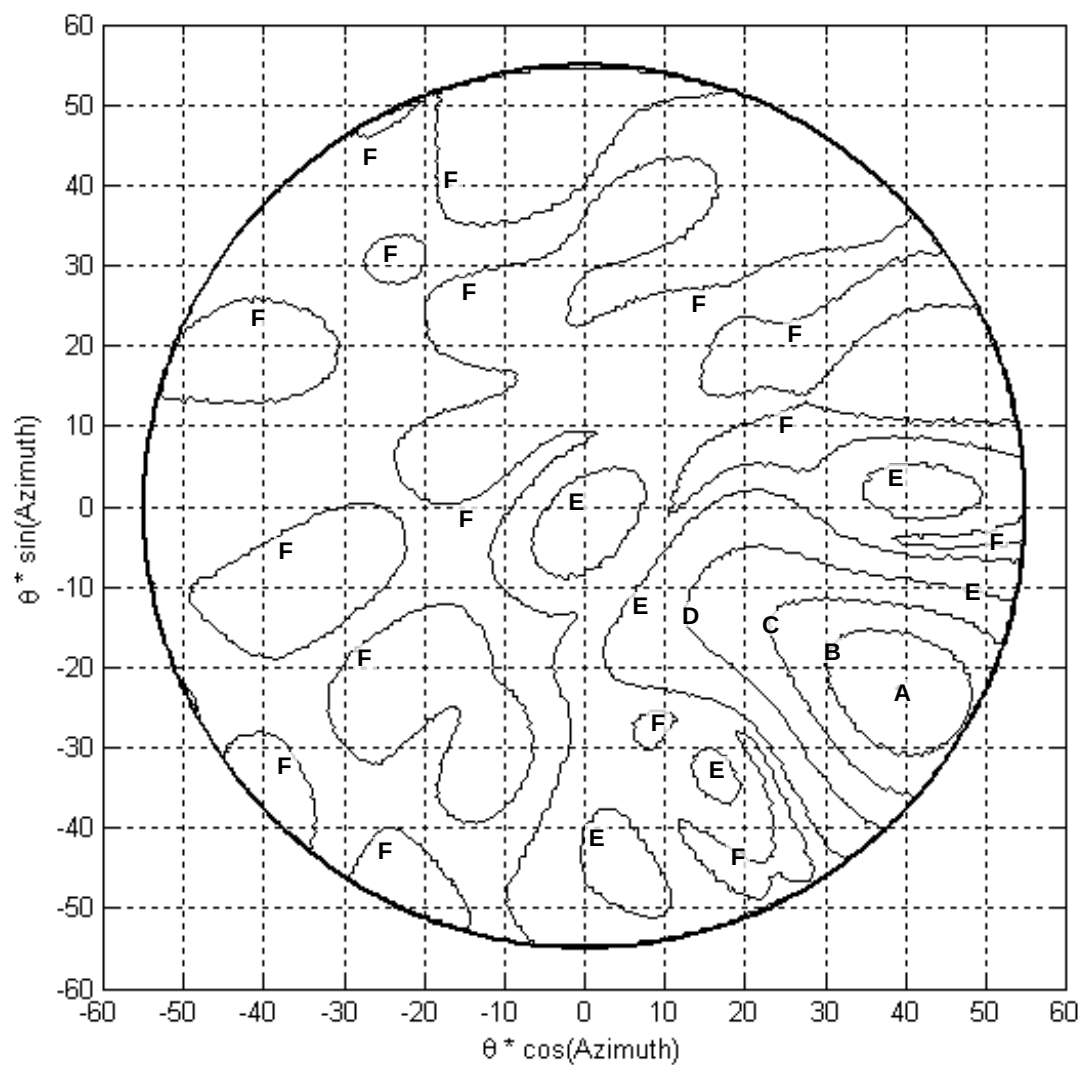


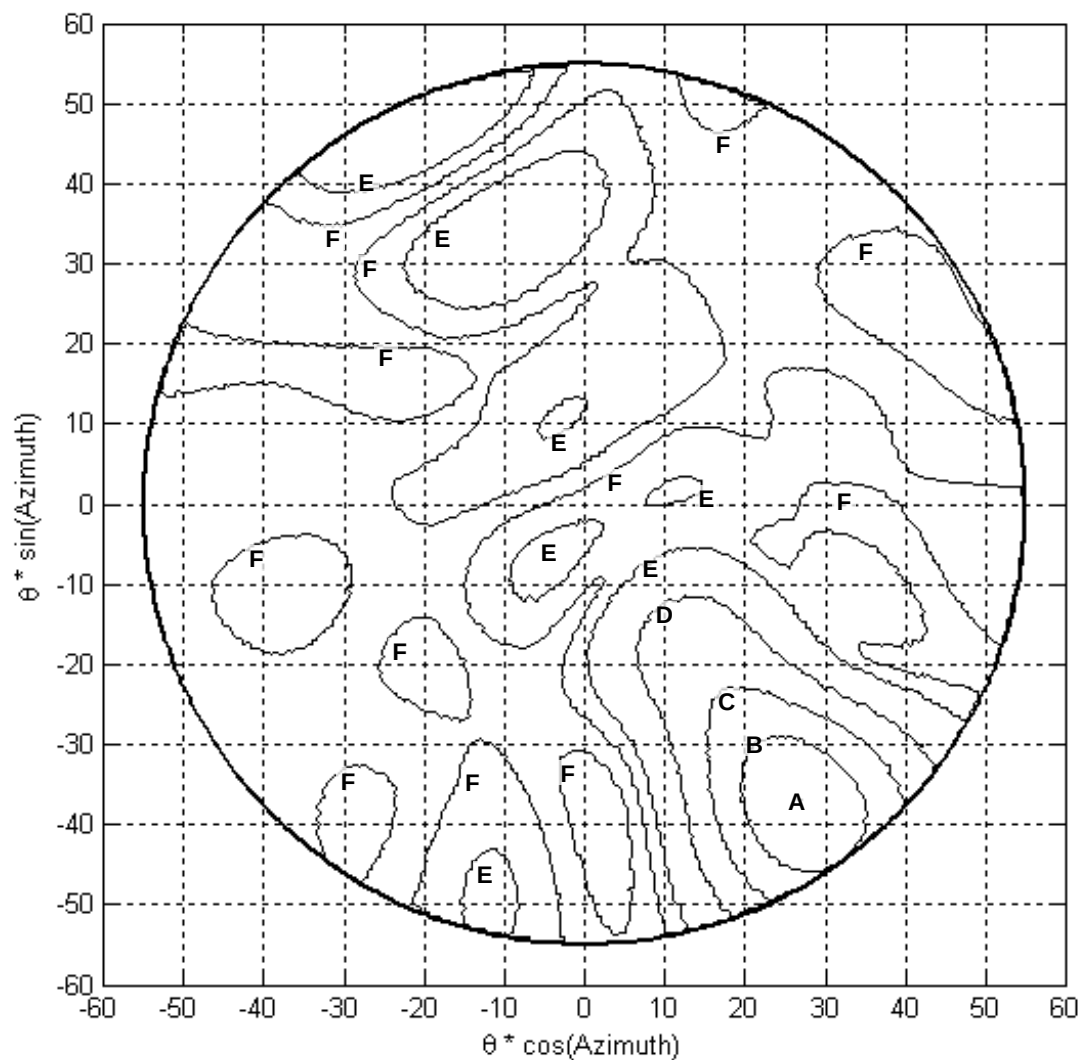
Figure: L-Band transmit antenna gain contour for beam 12, as viewed from the satellite.

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 18.82 dBi
2. Thick Circle shows 54.9 degree Earth edge.



Contour Levels Relative to Peak:

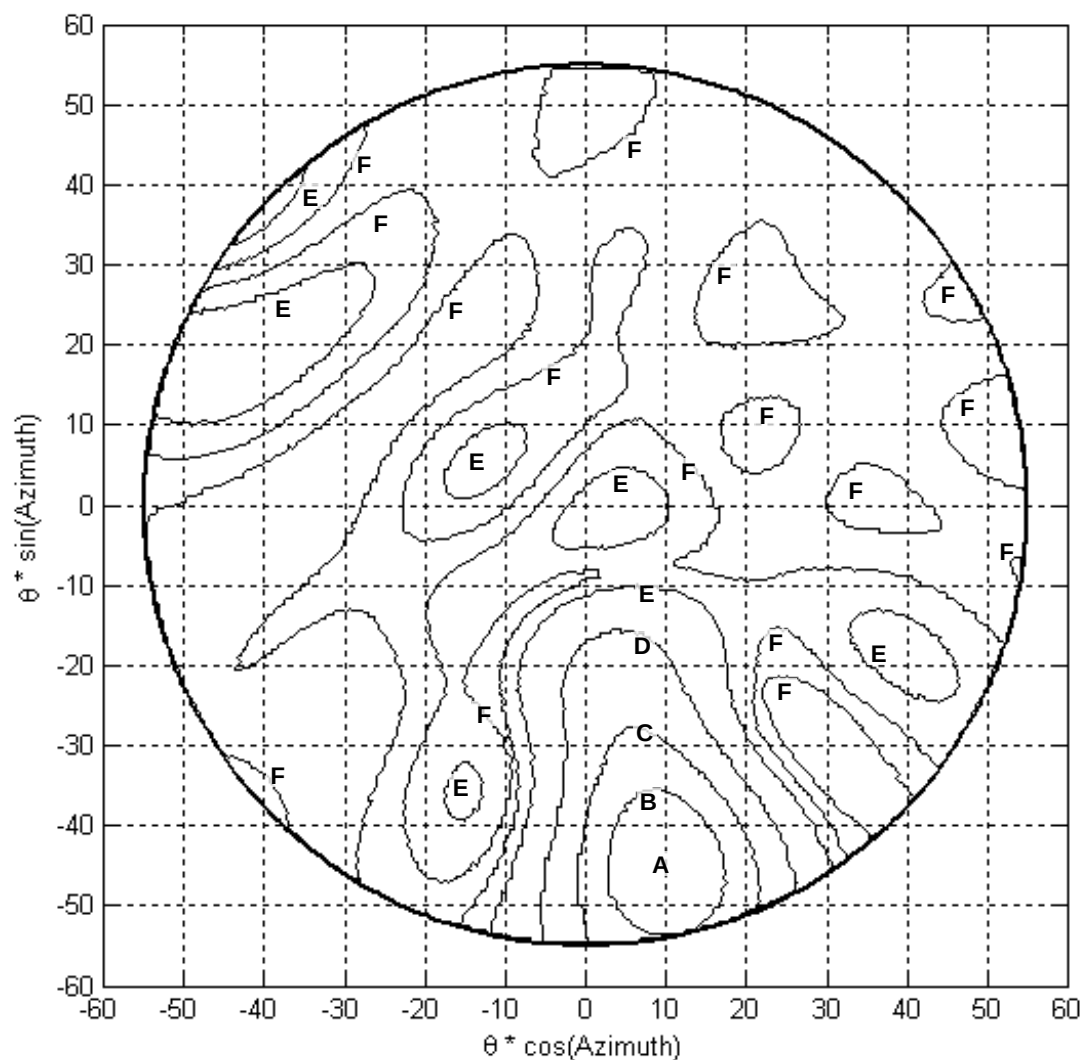
|   |     |
|---|-----|
| A | 0   |
| B | -2  |
| C | -5  |
| D | -10 |
| E | -20 |
| F | -30 |

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.

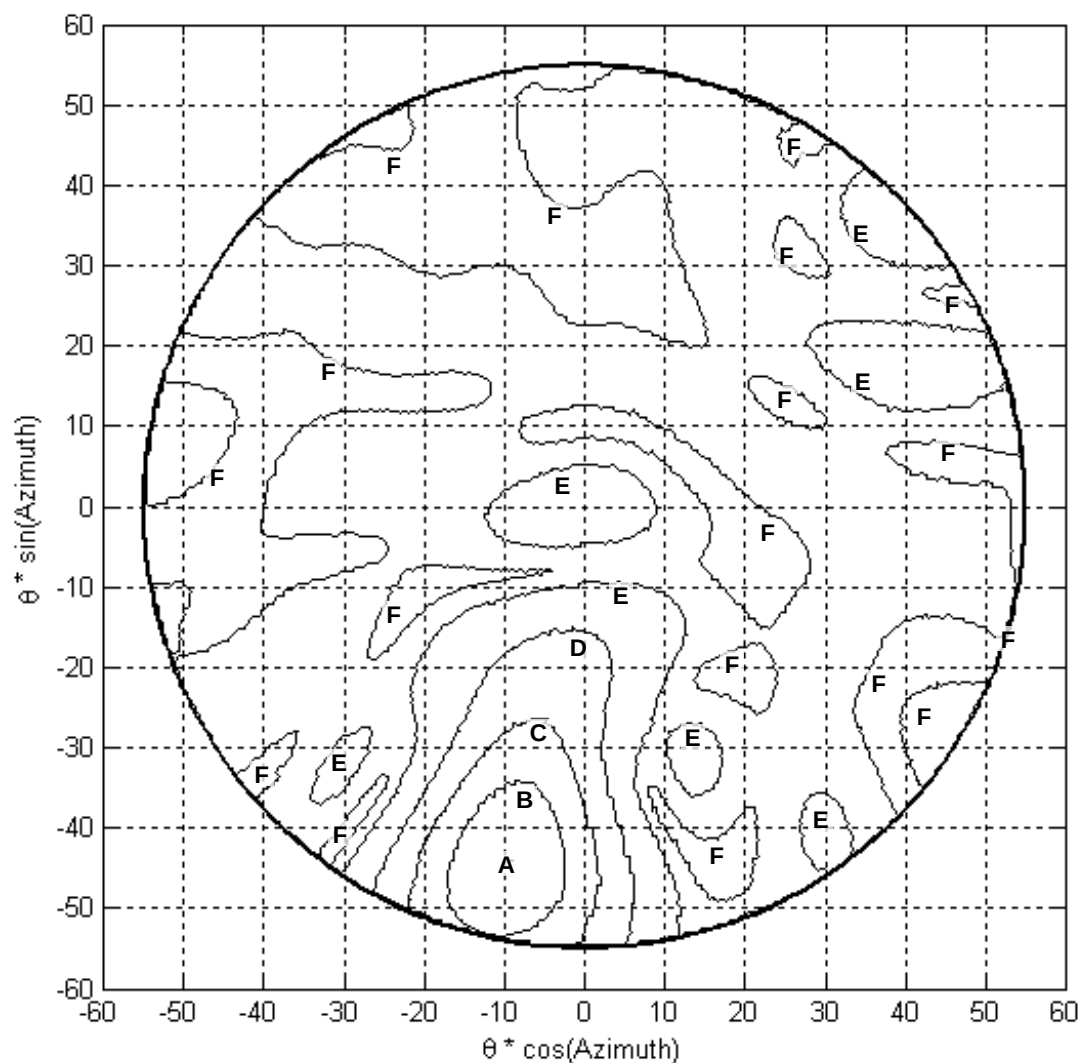


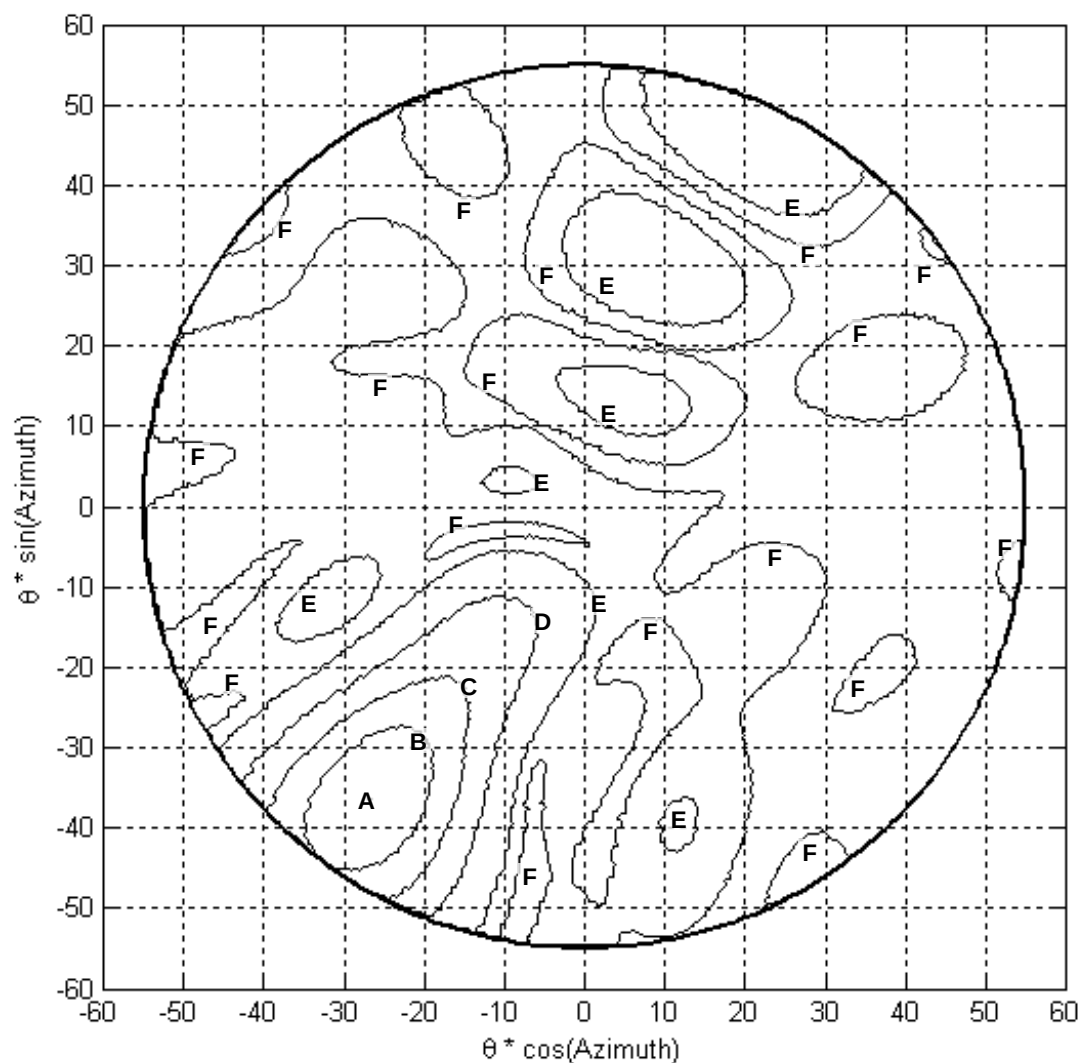
Figure: L-Band transmit antenna gain contour for beam 15, as viewed from the satellite.

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 18.75 dBi
2. Thick Circle shows 54.9 degree Earth edge.



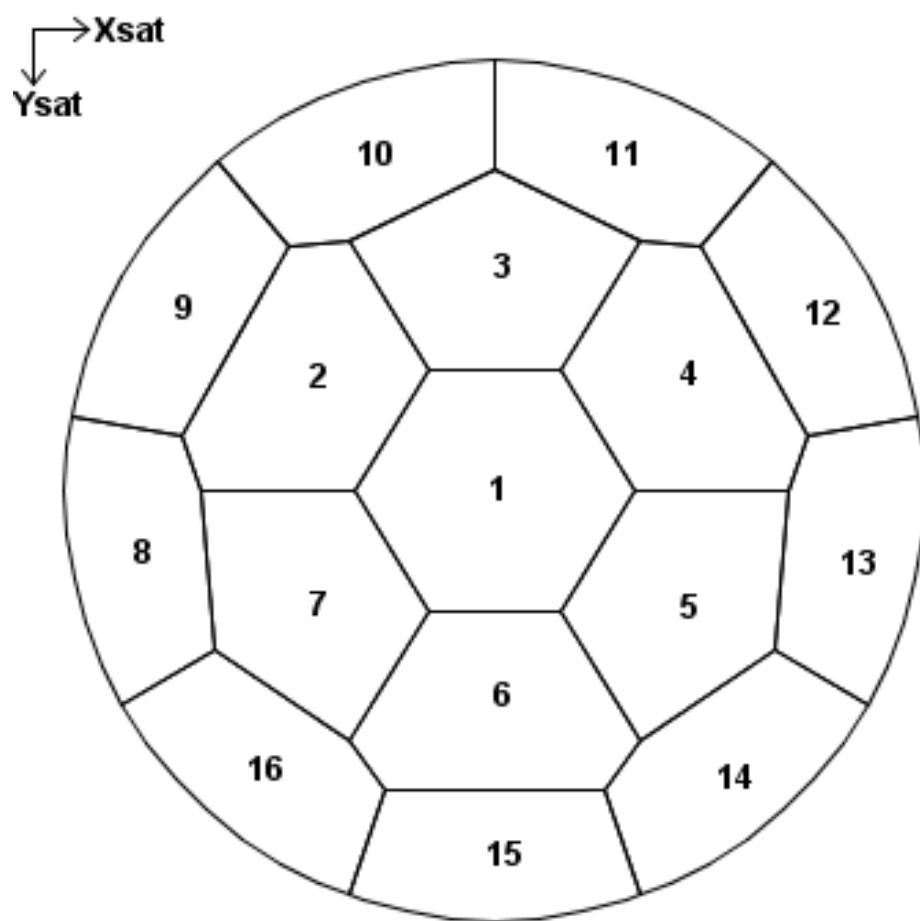
Contour Levels Relative to Peak:

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

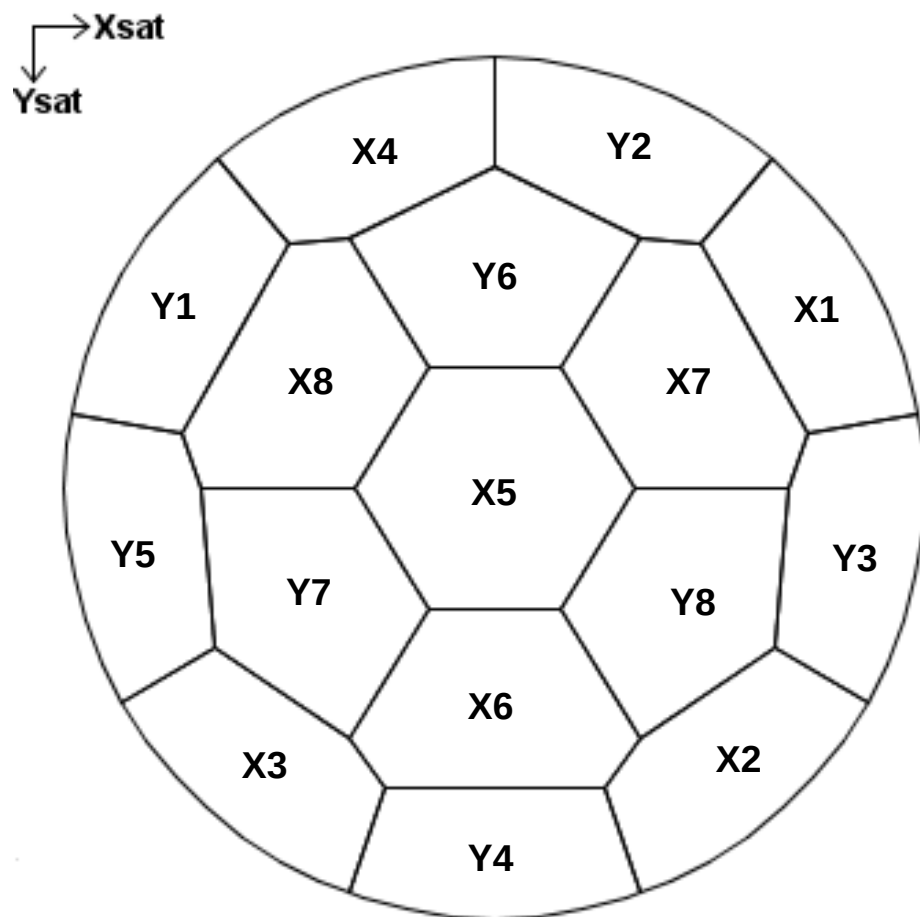
Note:

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]

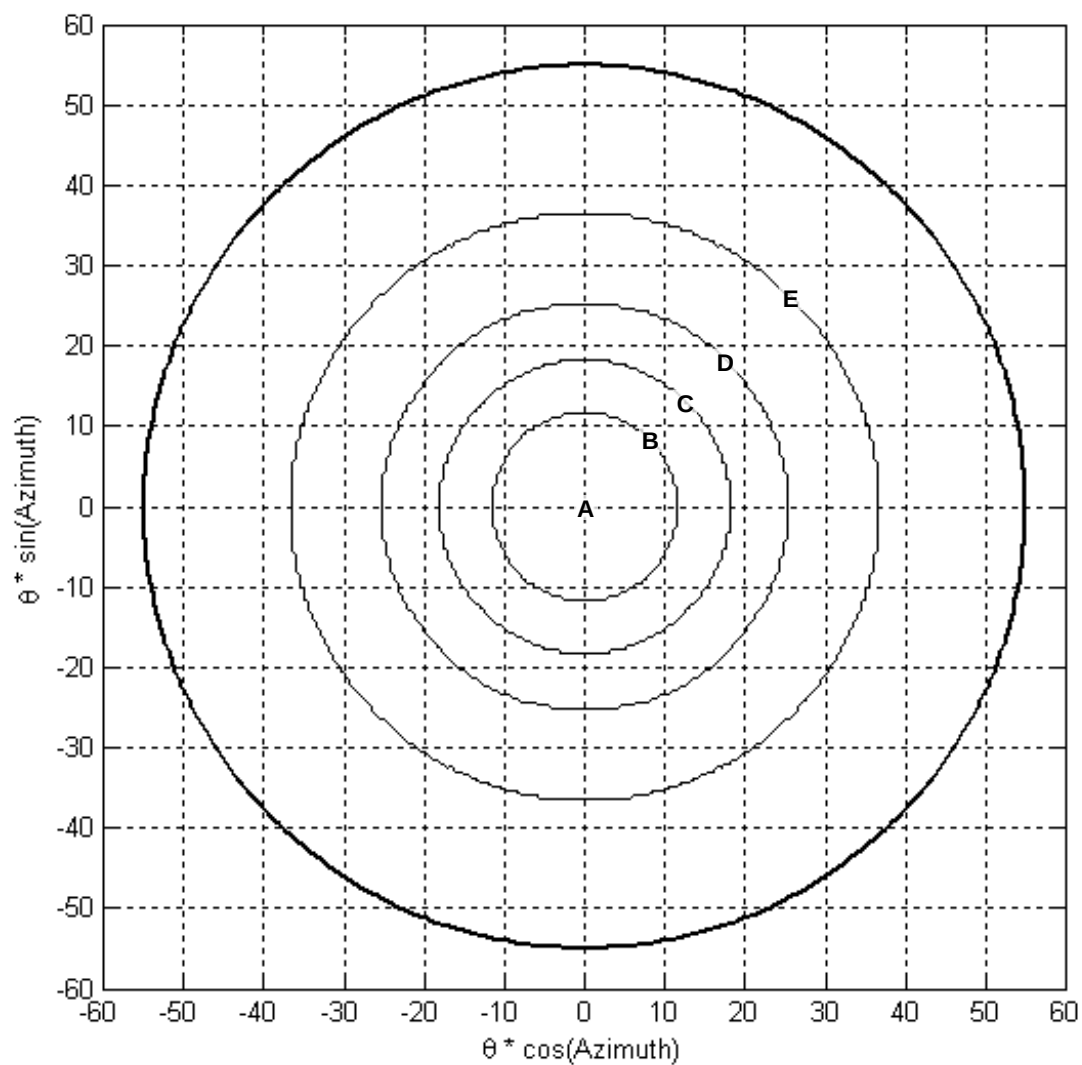


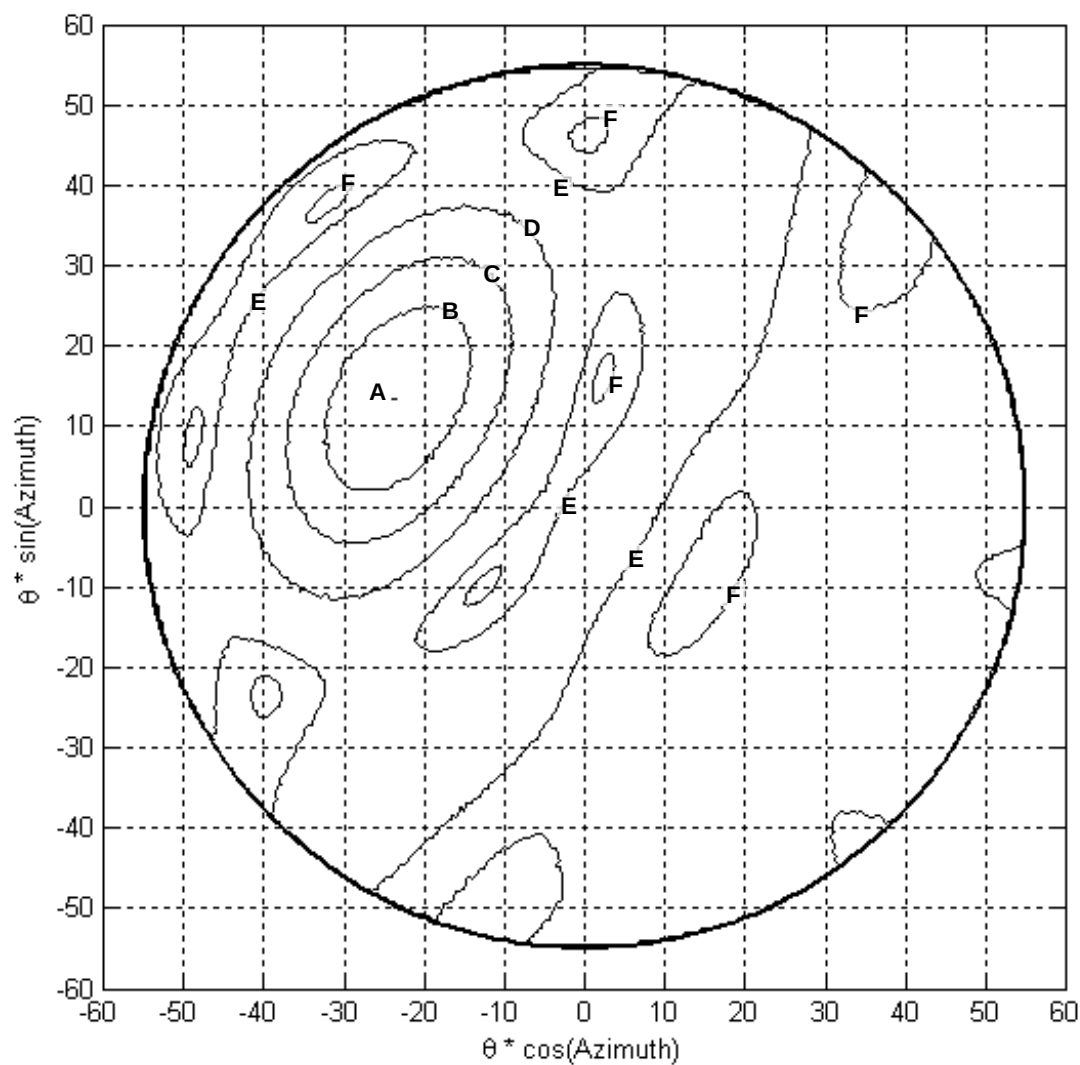
Figure: S-band transmit antenna gain contour for beam 1, as viewed from the satellite.

Contour Levels Relative to Peak:

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

Note:

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



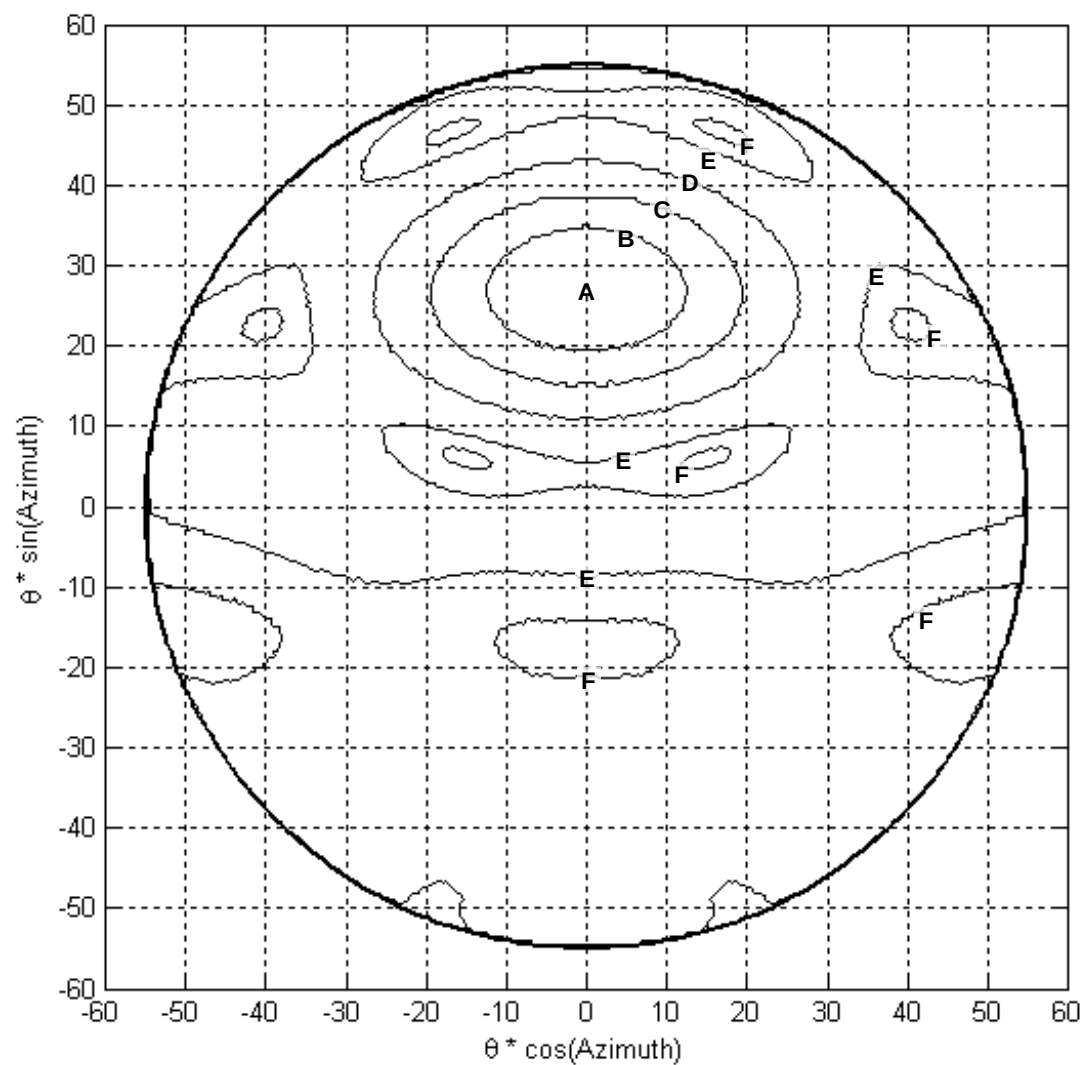
Contour Levels Relative to Peak:

|   |     |
|---|-----|
| 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:

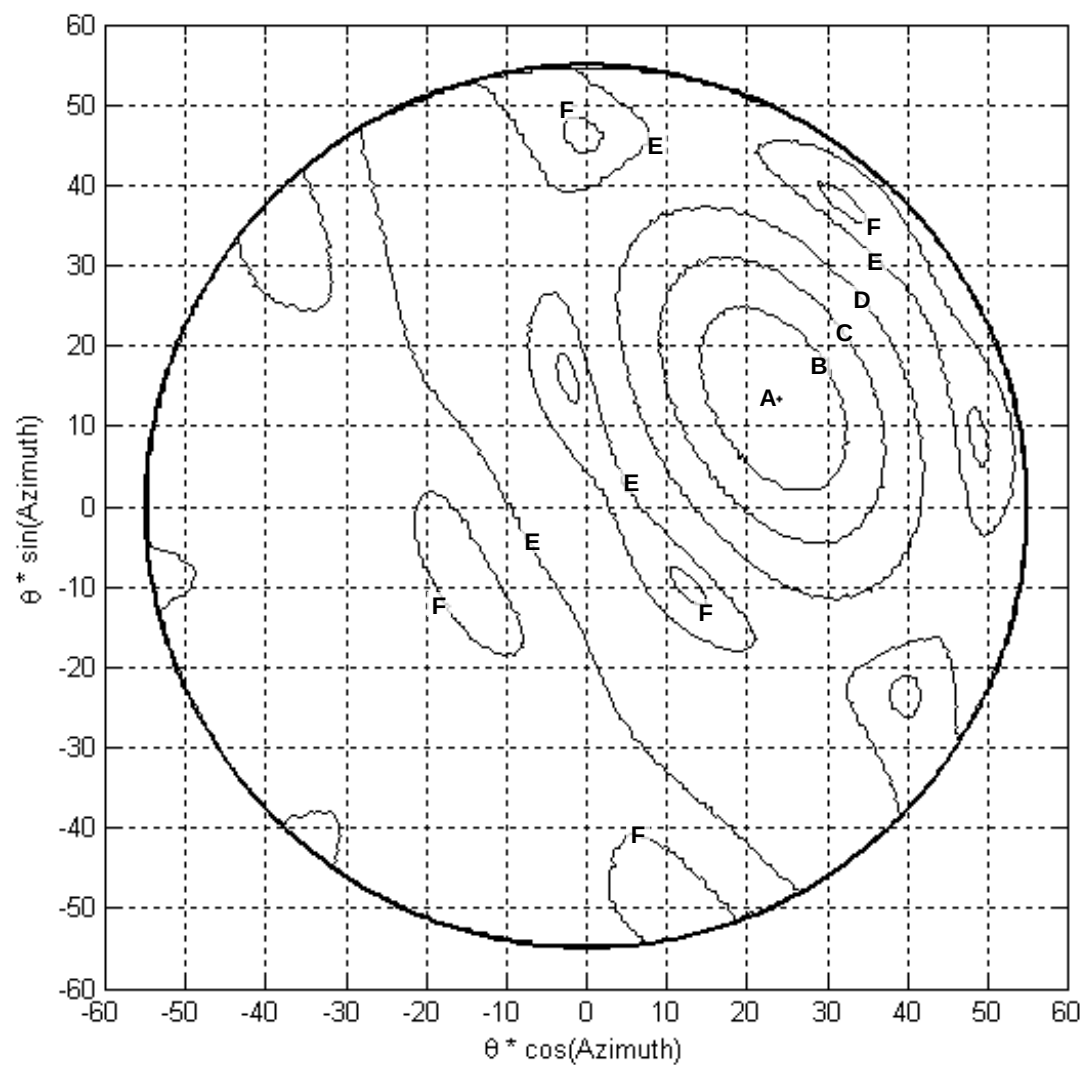
5. Maximum gain at point A is 17.02 dBi
6. Thick Circle shows 54.9 degree Earth edge.

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



## Exhibit 2

### Page 6



#### 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.

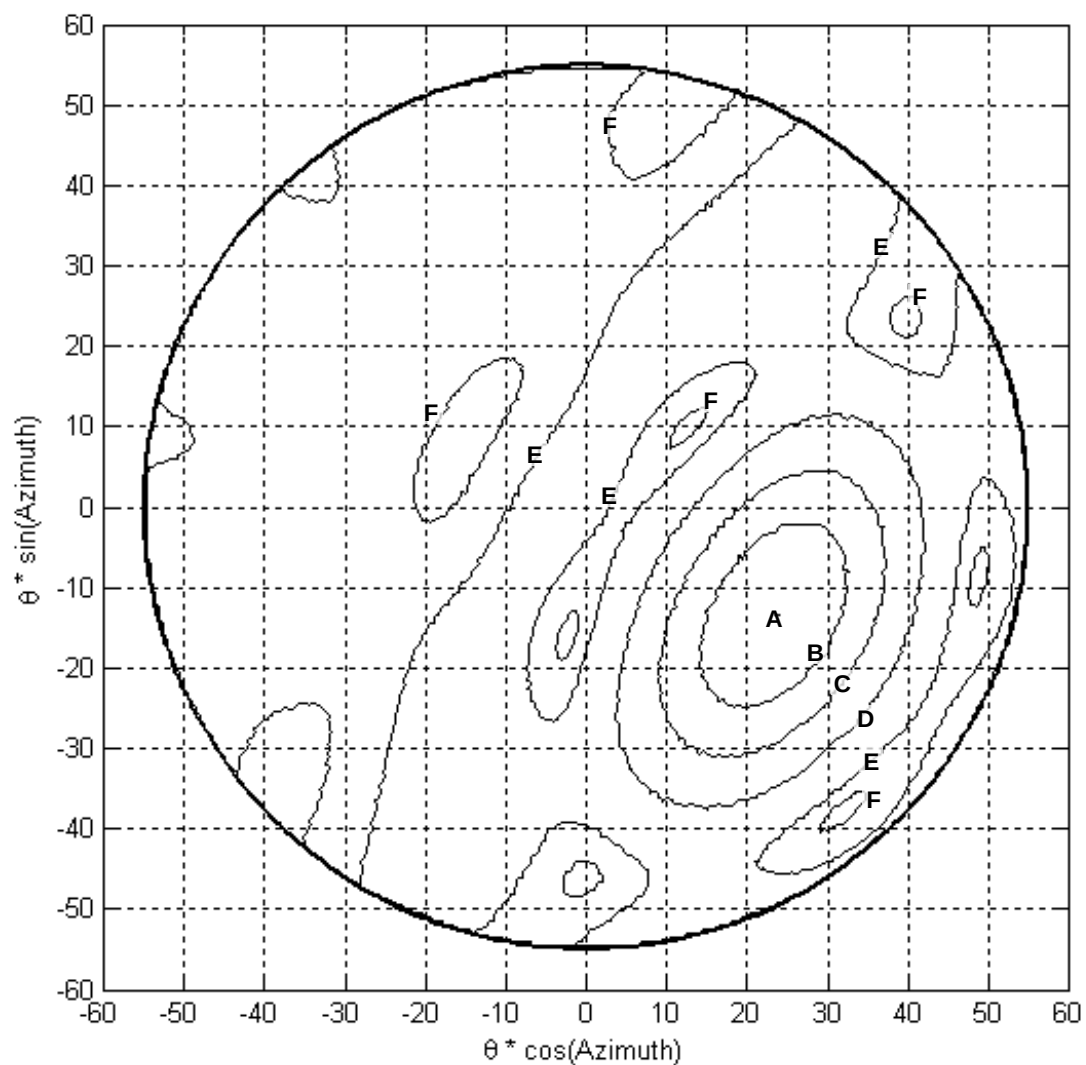


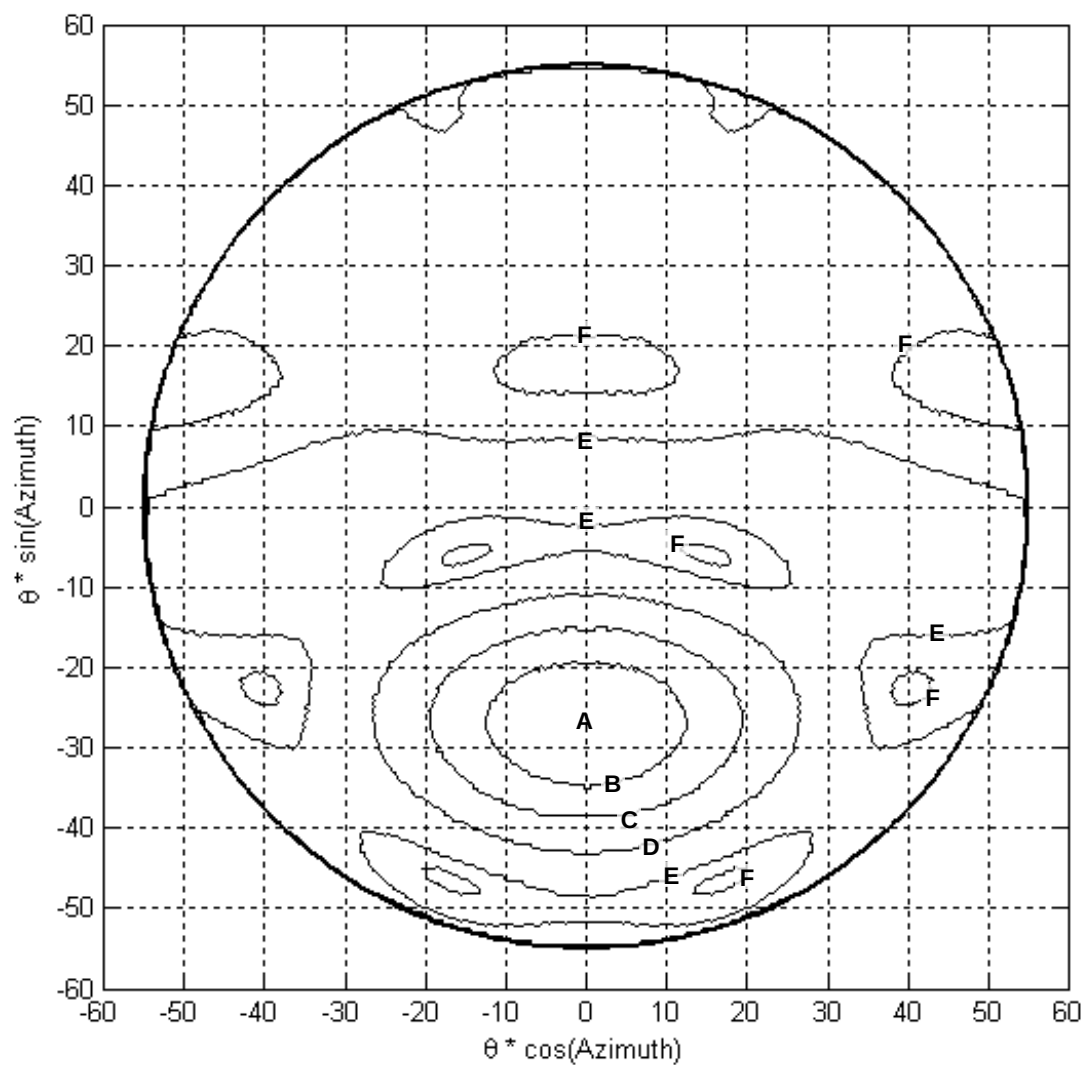
Figure: S-band transmit antenna gain contour for beam 5, as viewed from the satellite.

Contour Levels Relative to Peak:

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

Note:

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



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 6, as viewed from the satellite.

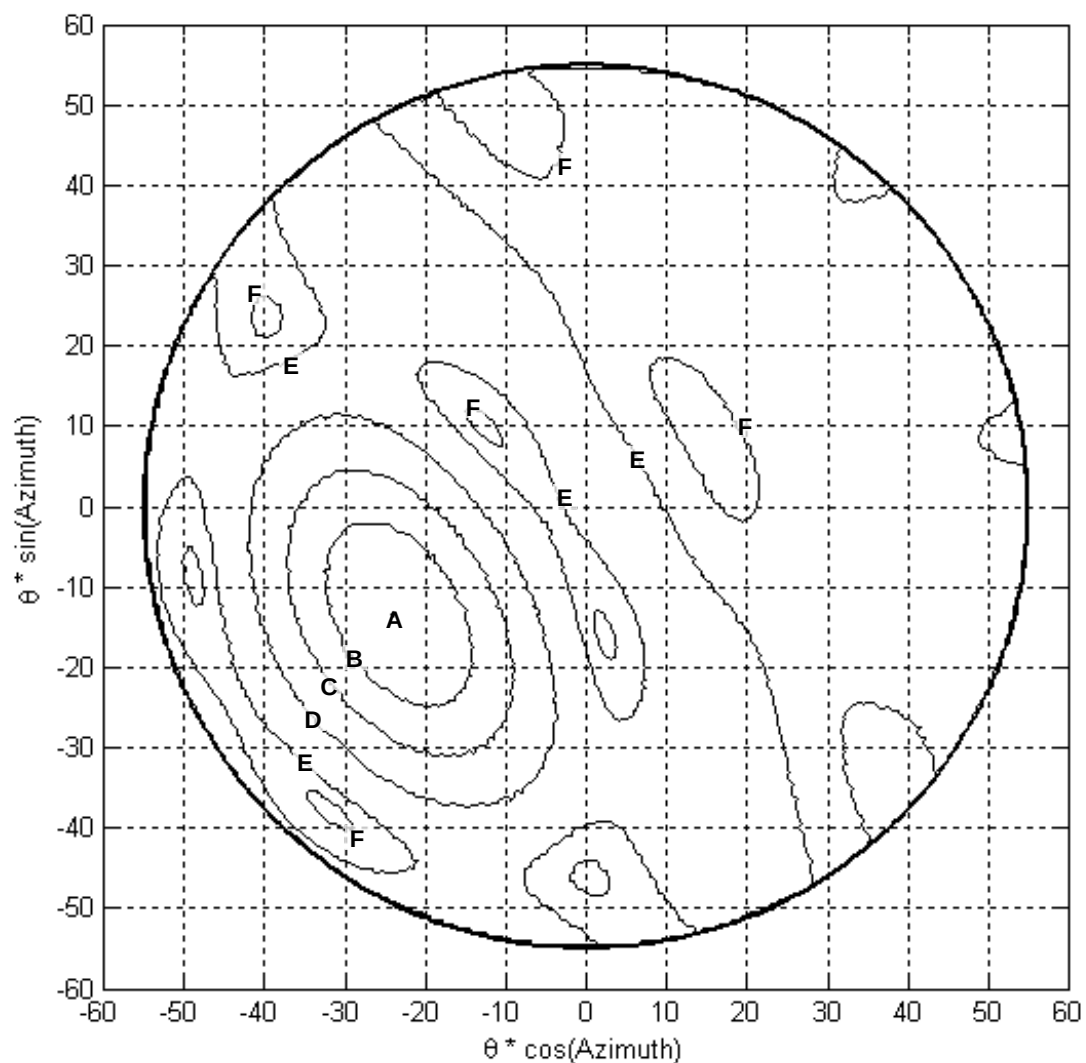


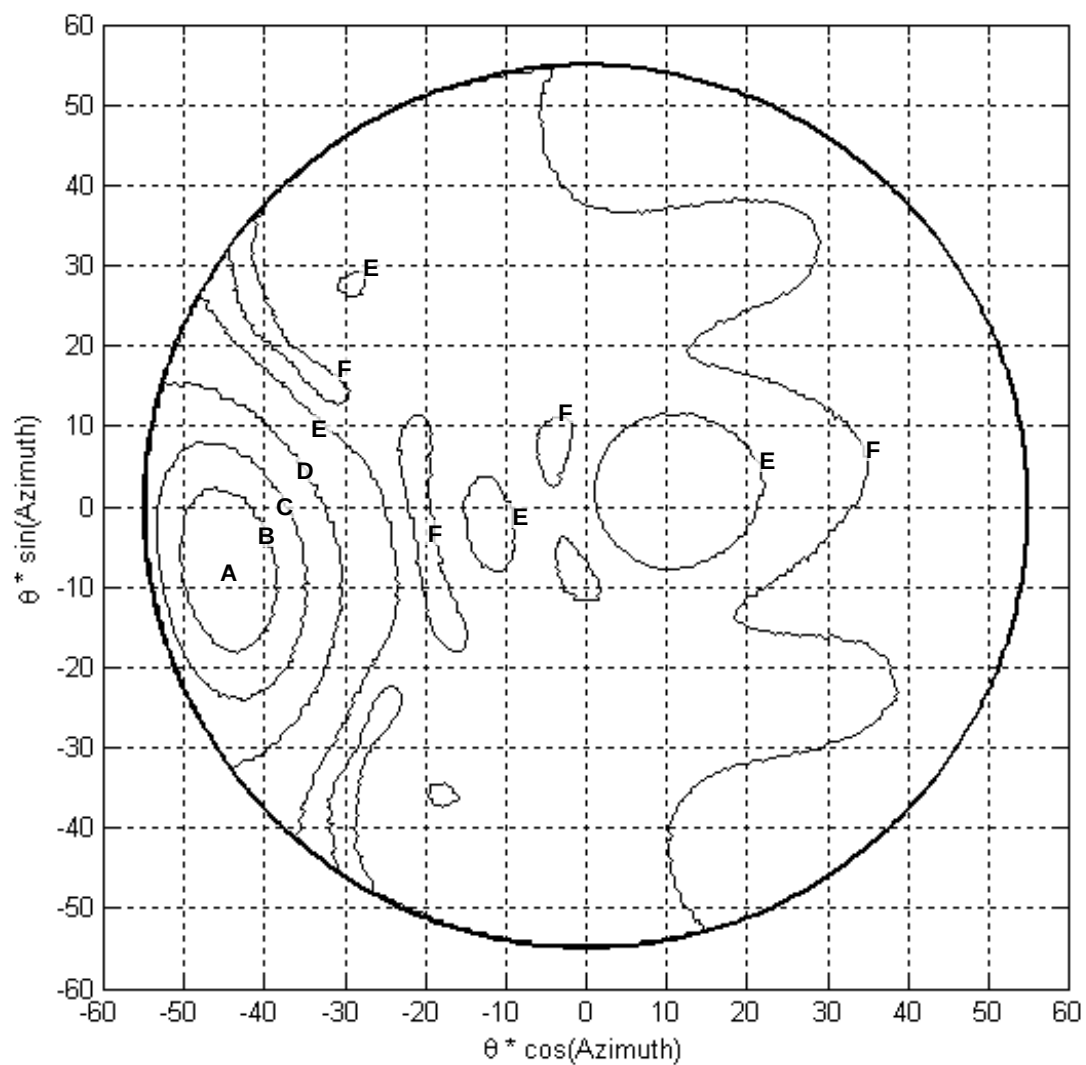
Figure: S-band transmit antenna gain contour for beam 7, as viewed from the satellite.

Contour Levels Relative to Peak:

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

Note:

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



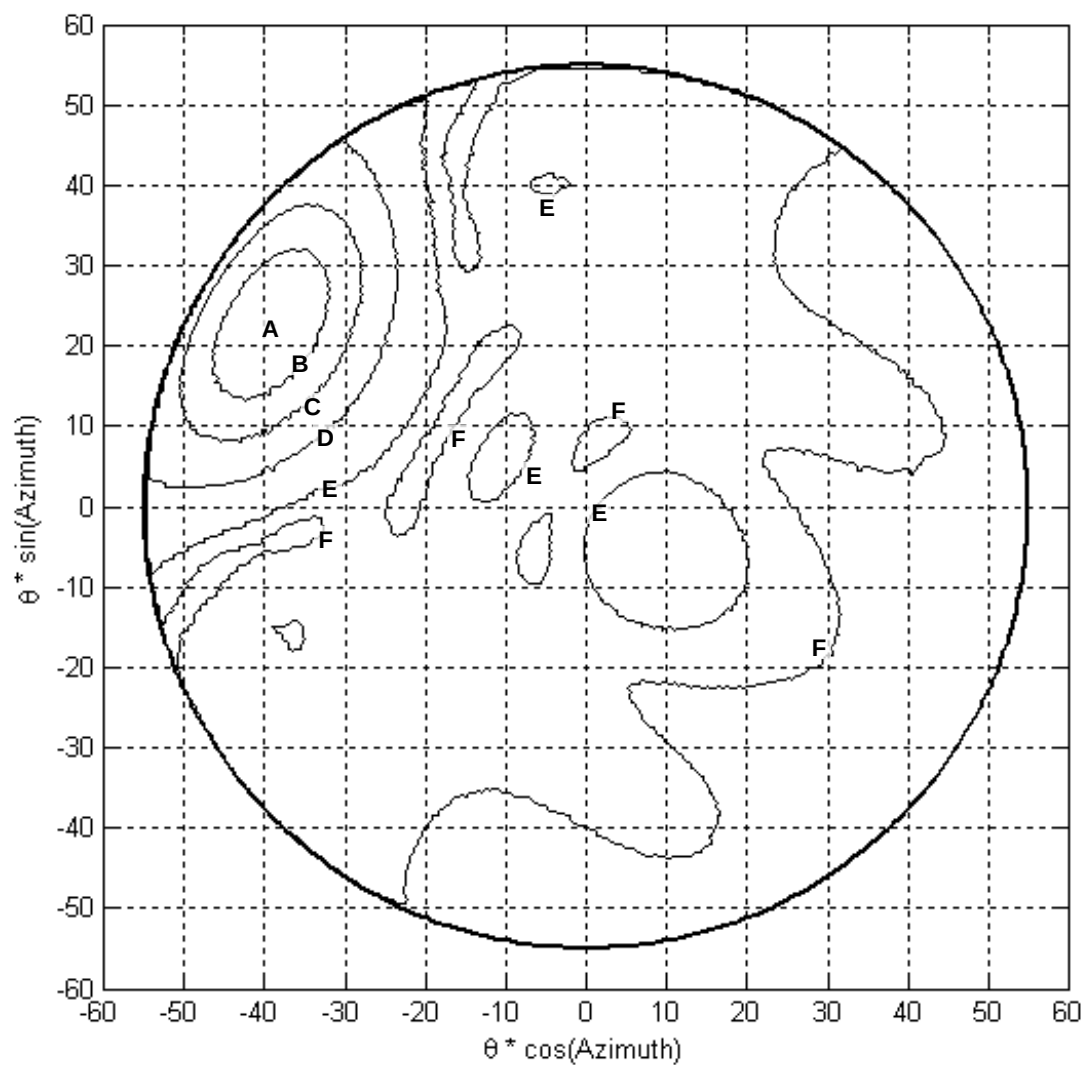
Contour Levels Relative to Peak:

|   |     |
|---|-----|
| 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.



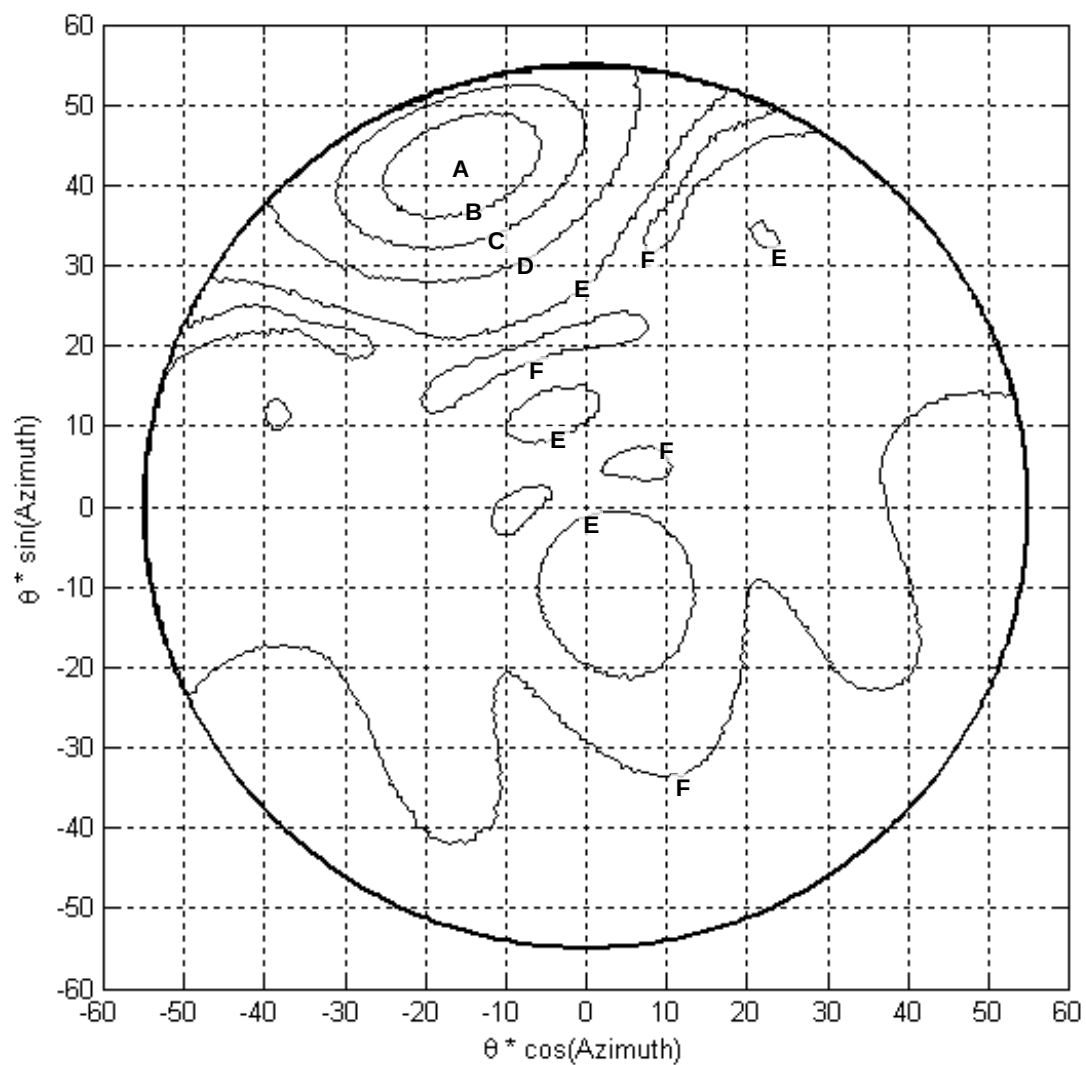
Contour Levels Relative to Peak:

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

Note:

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

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



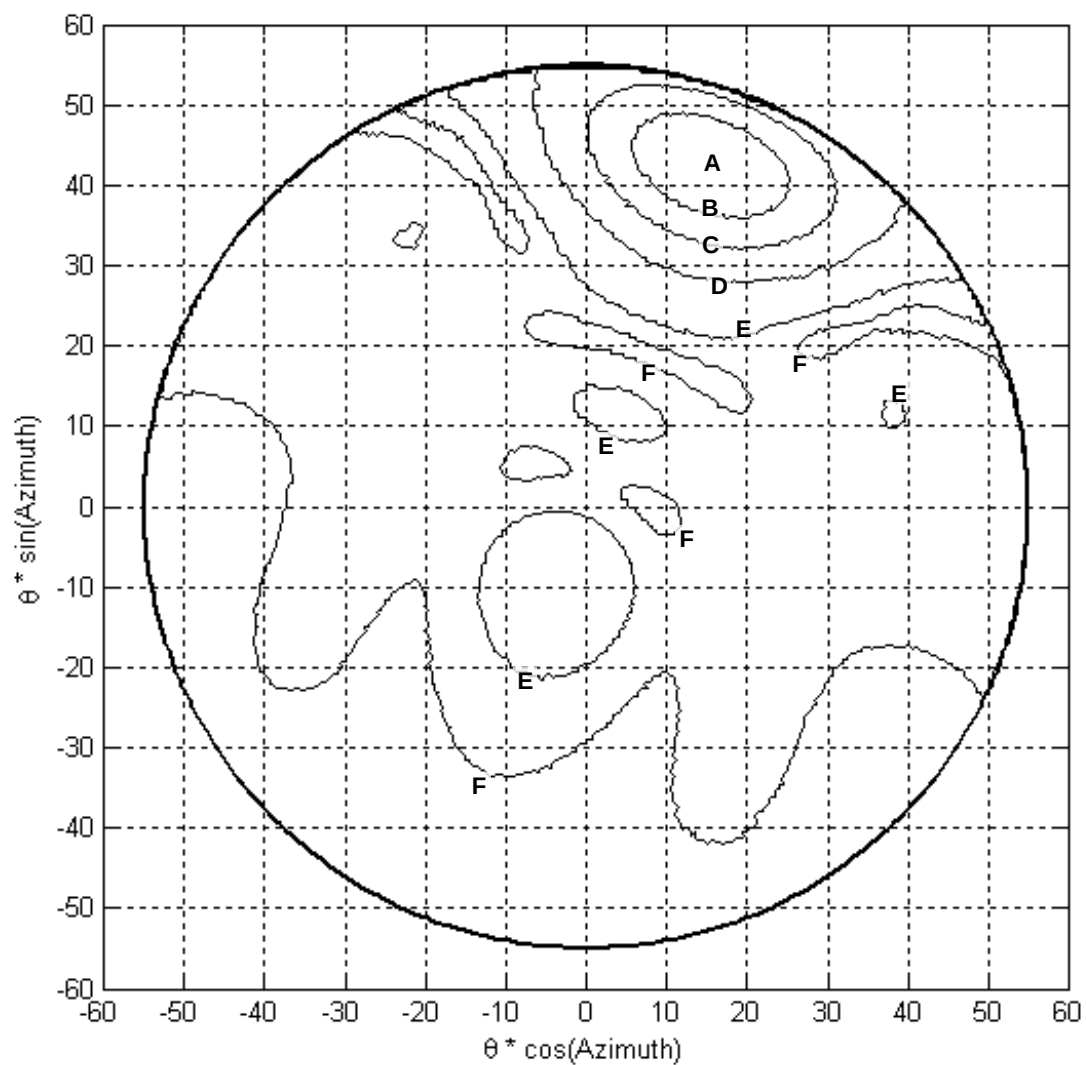
Contour Levels Relative to Peak:

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

Note:

- Maximum gain at point A is 18.94 dBi
- 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:

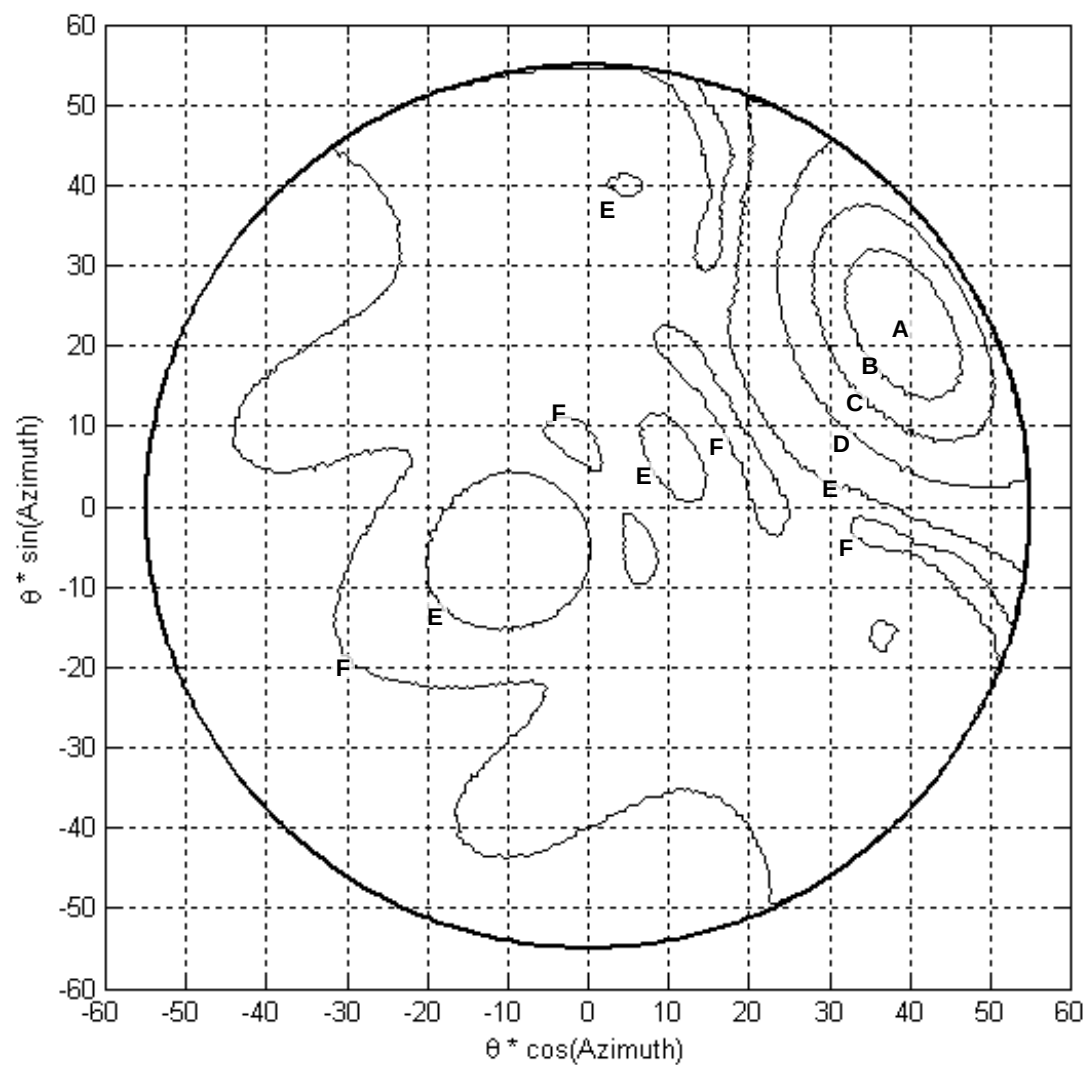
|   |     |
|---|-----|
| A | 0   |
| B | -2  |
| C | -5  |
| D | -10 |
| E | -20 |
| F | -30 |

Note:

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

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





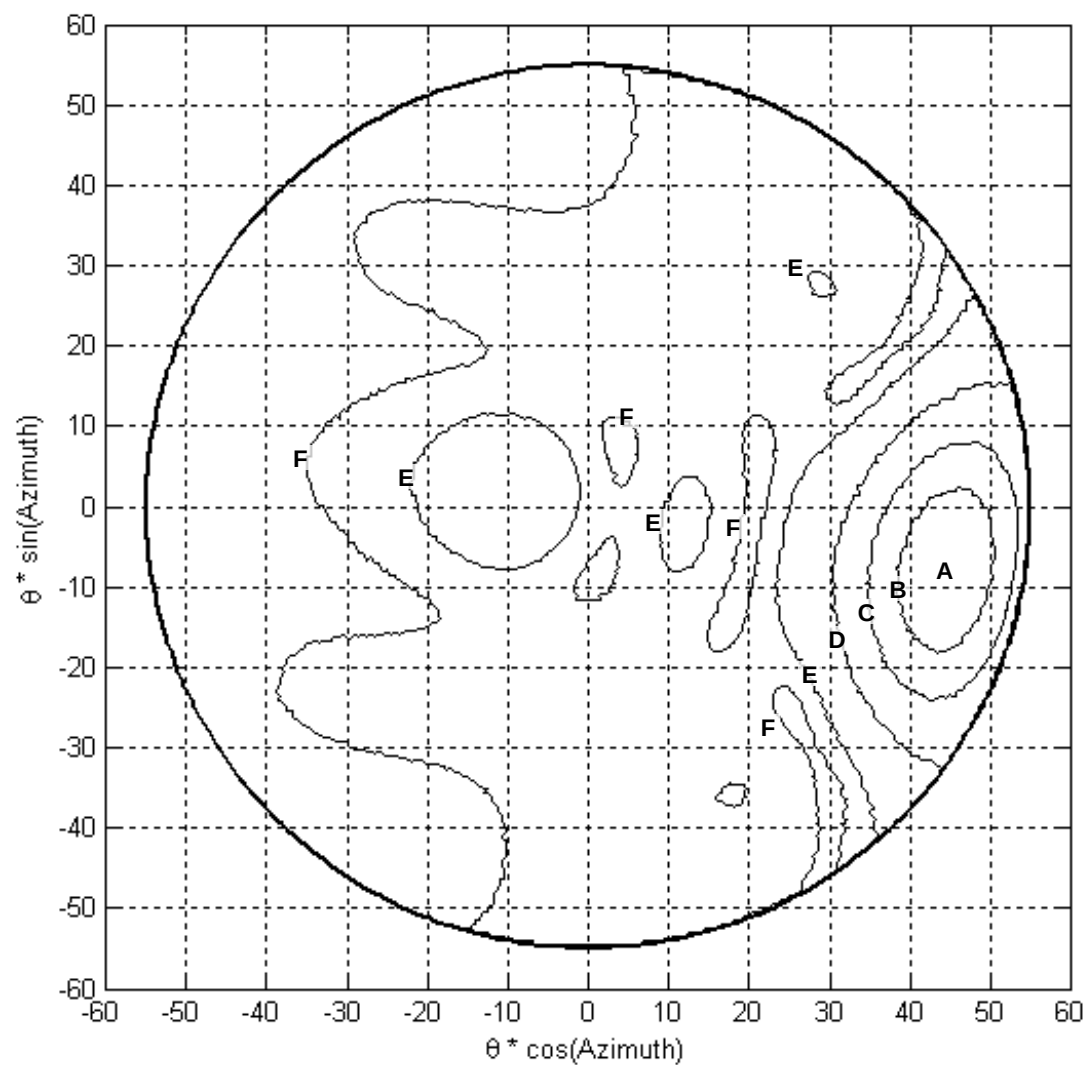
Contour Levels Relative to Peak:

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

Note:

- Maximum gain at point A is 18.93 dBi
- 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:

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

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

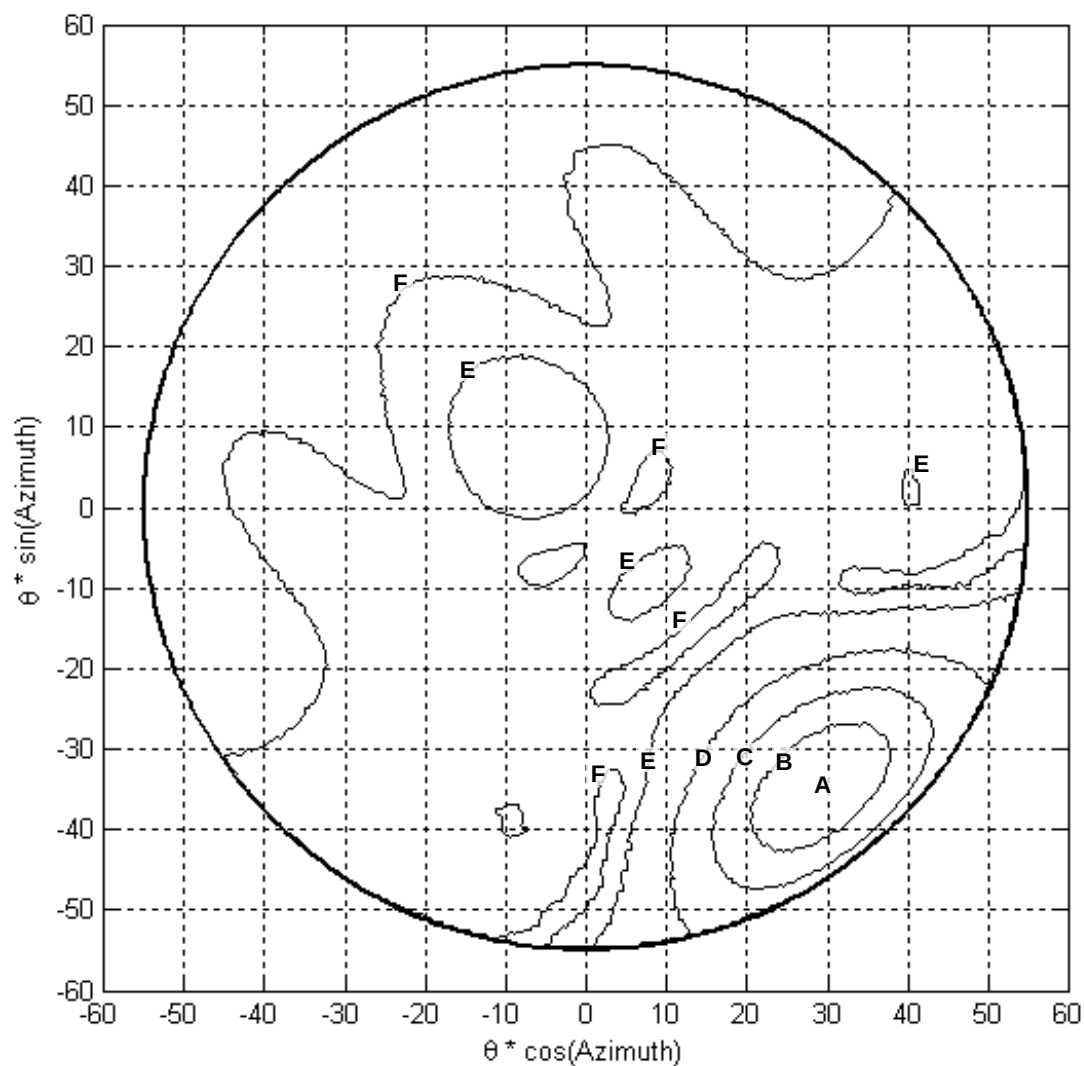


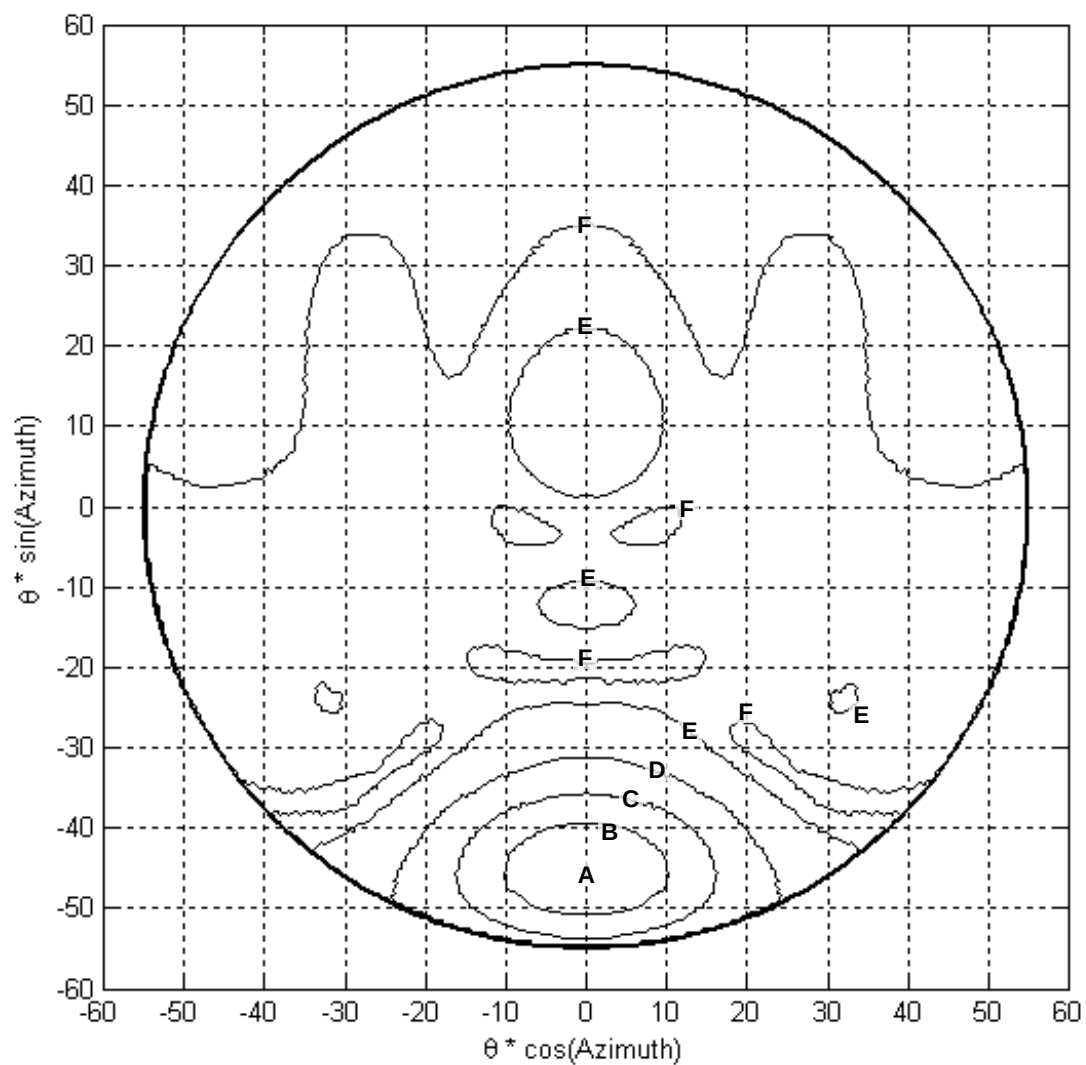
Figure: S-band transmit antenna gain contour for beam 14, as viewed from the satellite.

Contour Levels Relative to Peak:

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

Note:

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



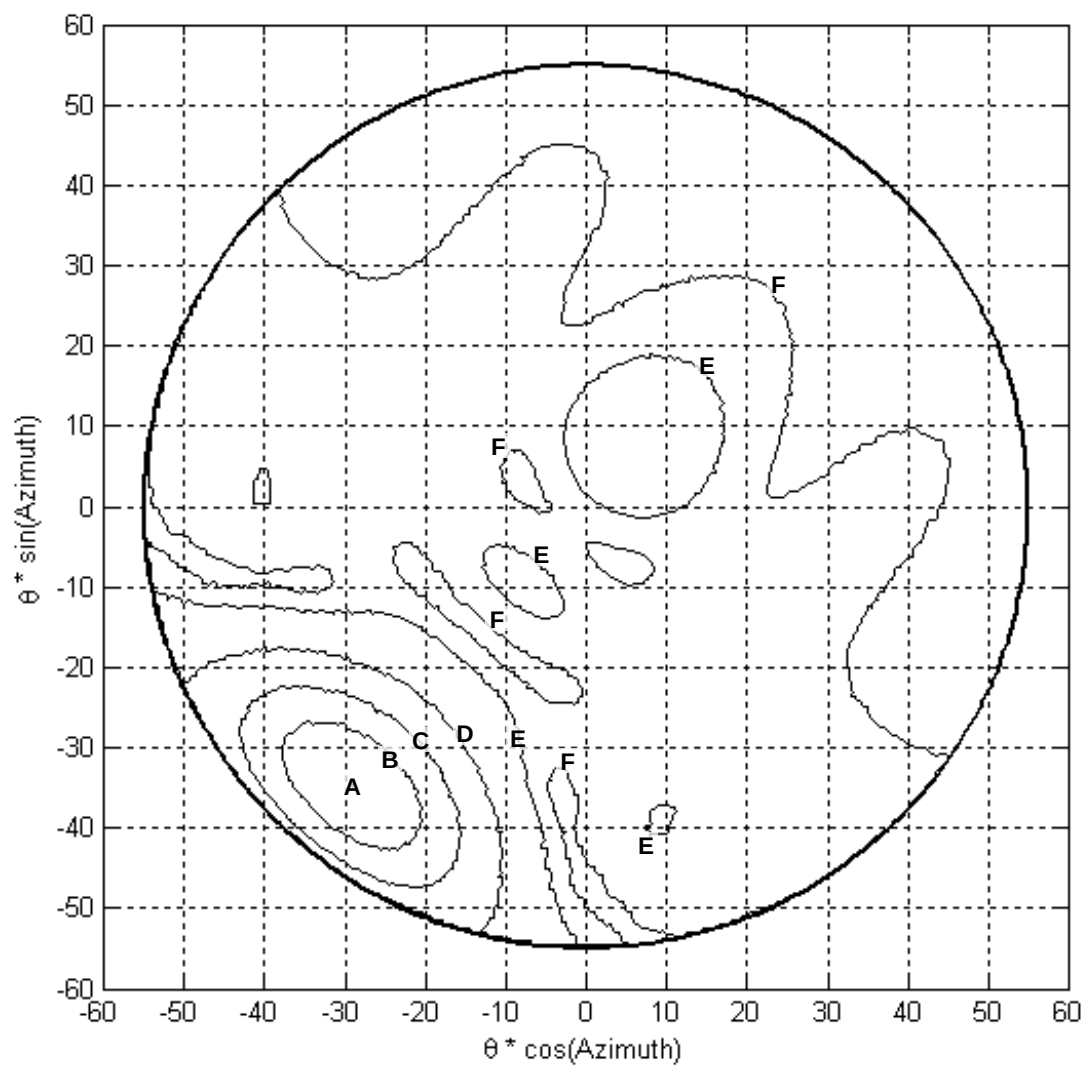
Contour Levels Relative to Peak:

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

Note:

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

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



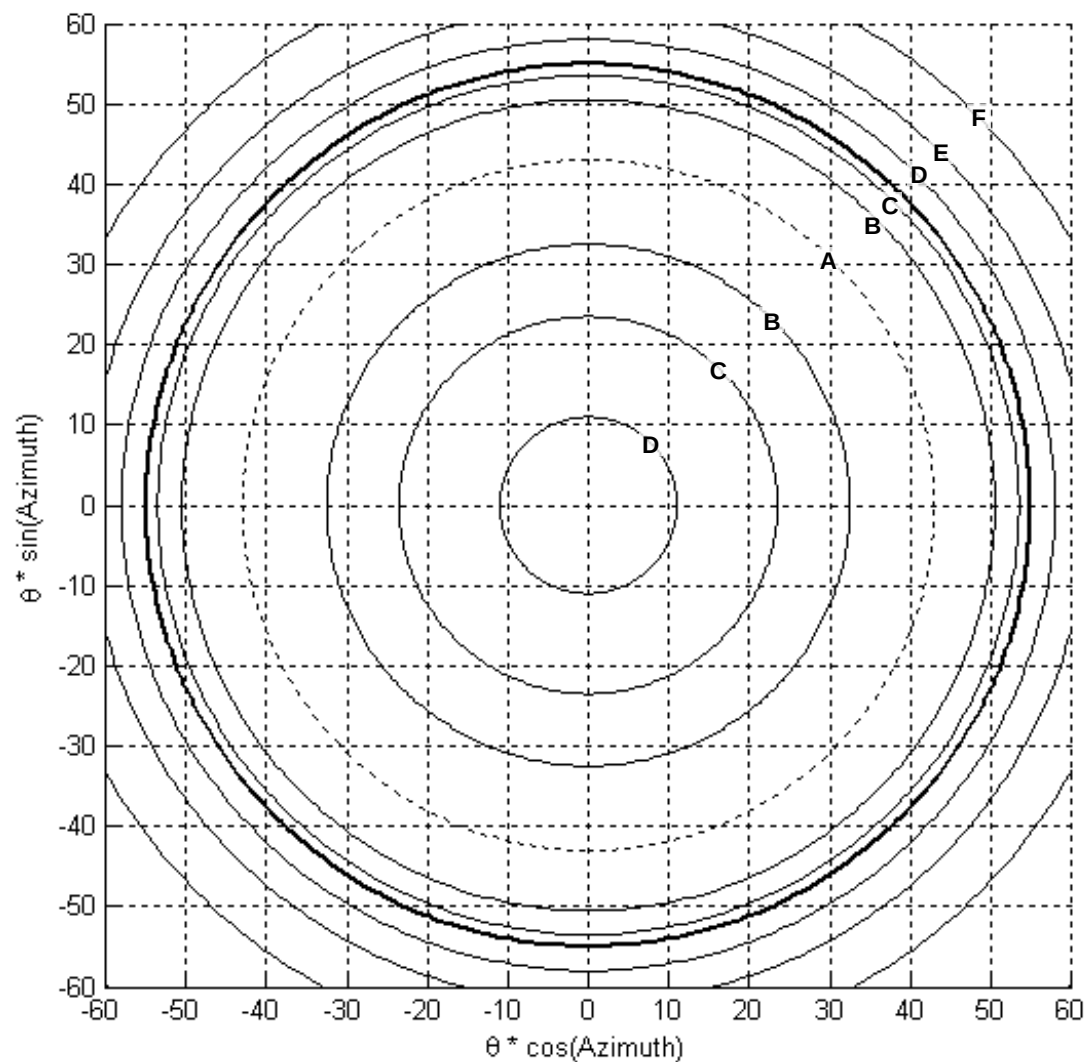
Contour Levels Relative to Peak:

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

Note:

- Maximum gain at point A is 18.94 dBi
- 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.

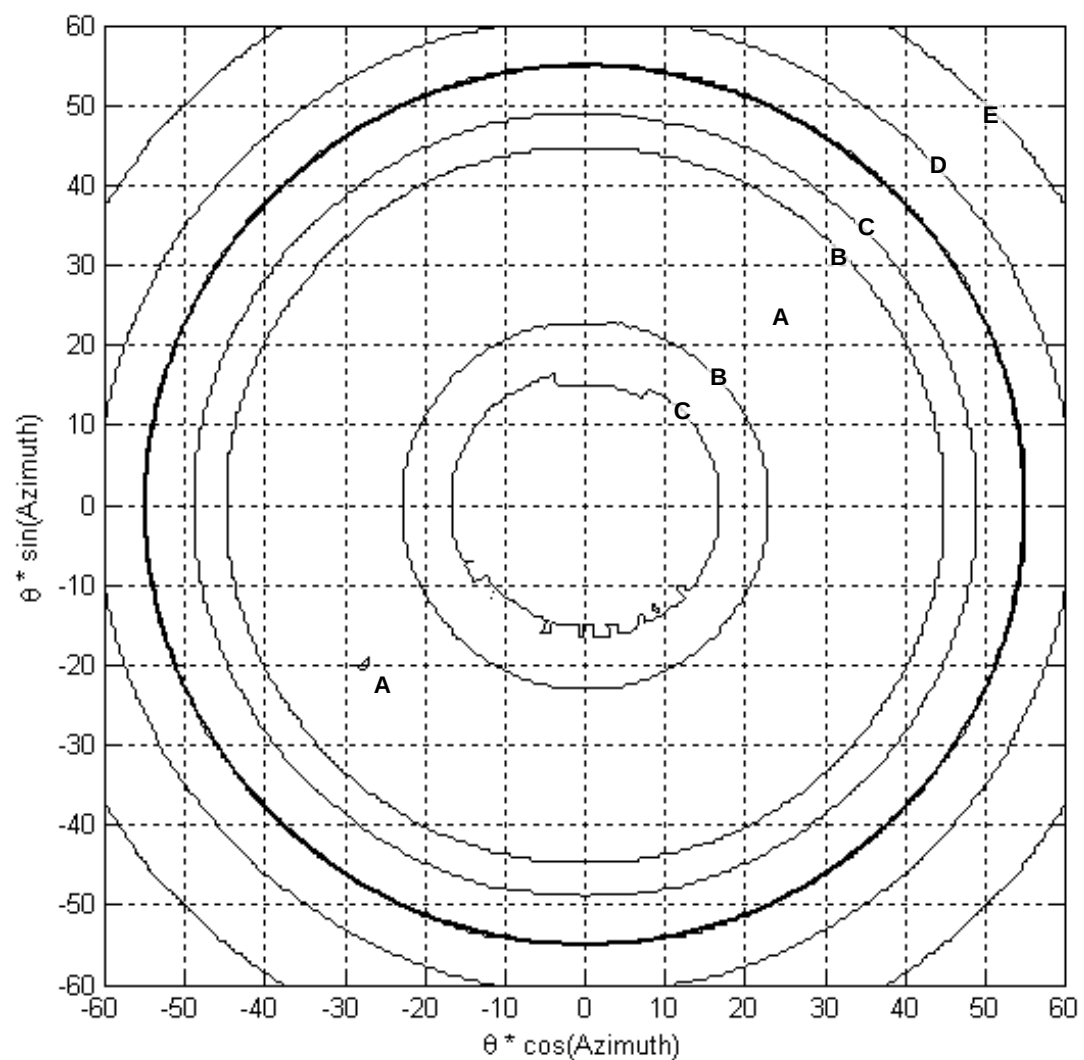


Figure: C-band receive antenna gain contour, as viewed from the satellite.

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.

