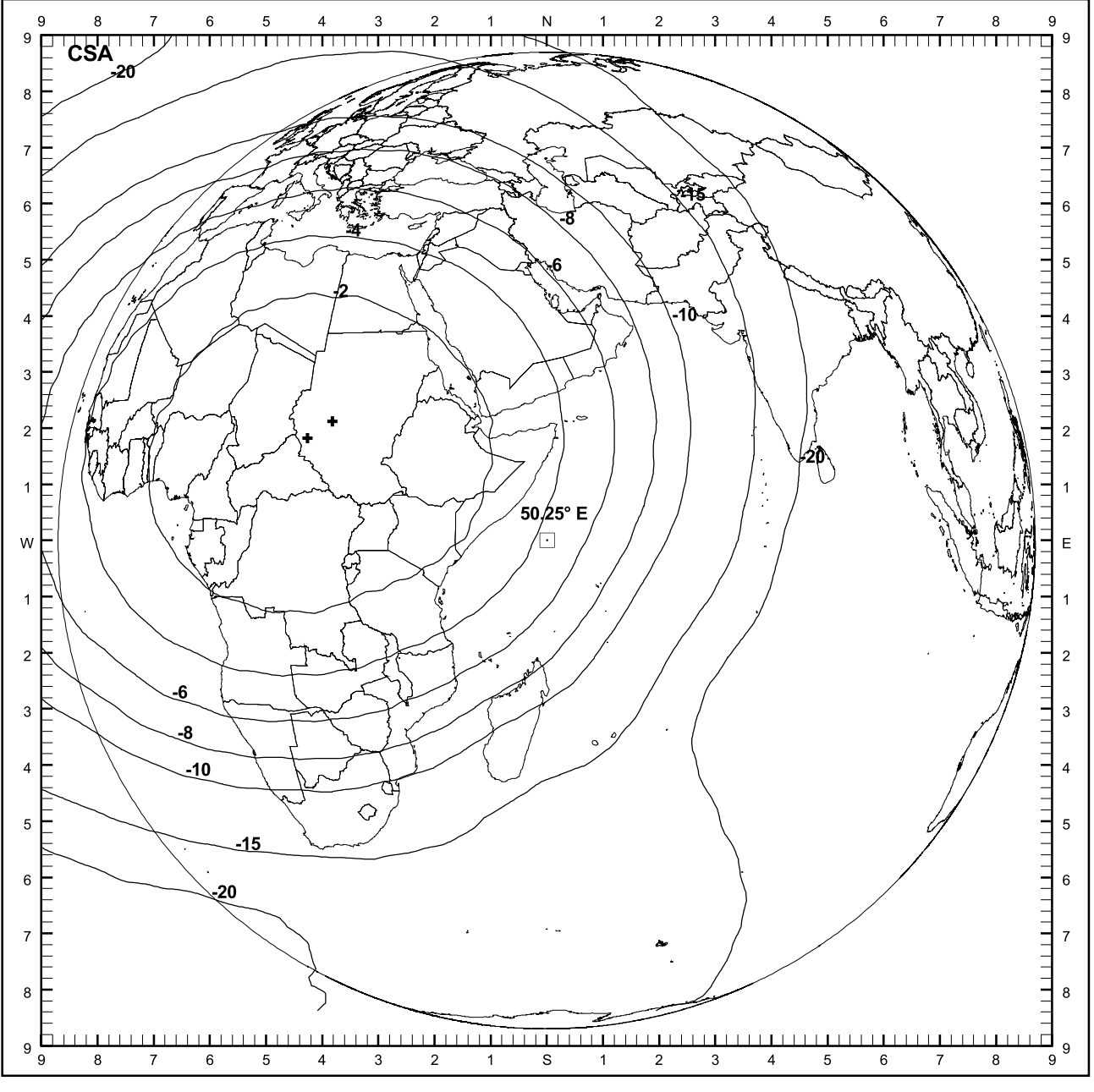


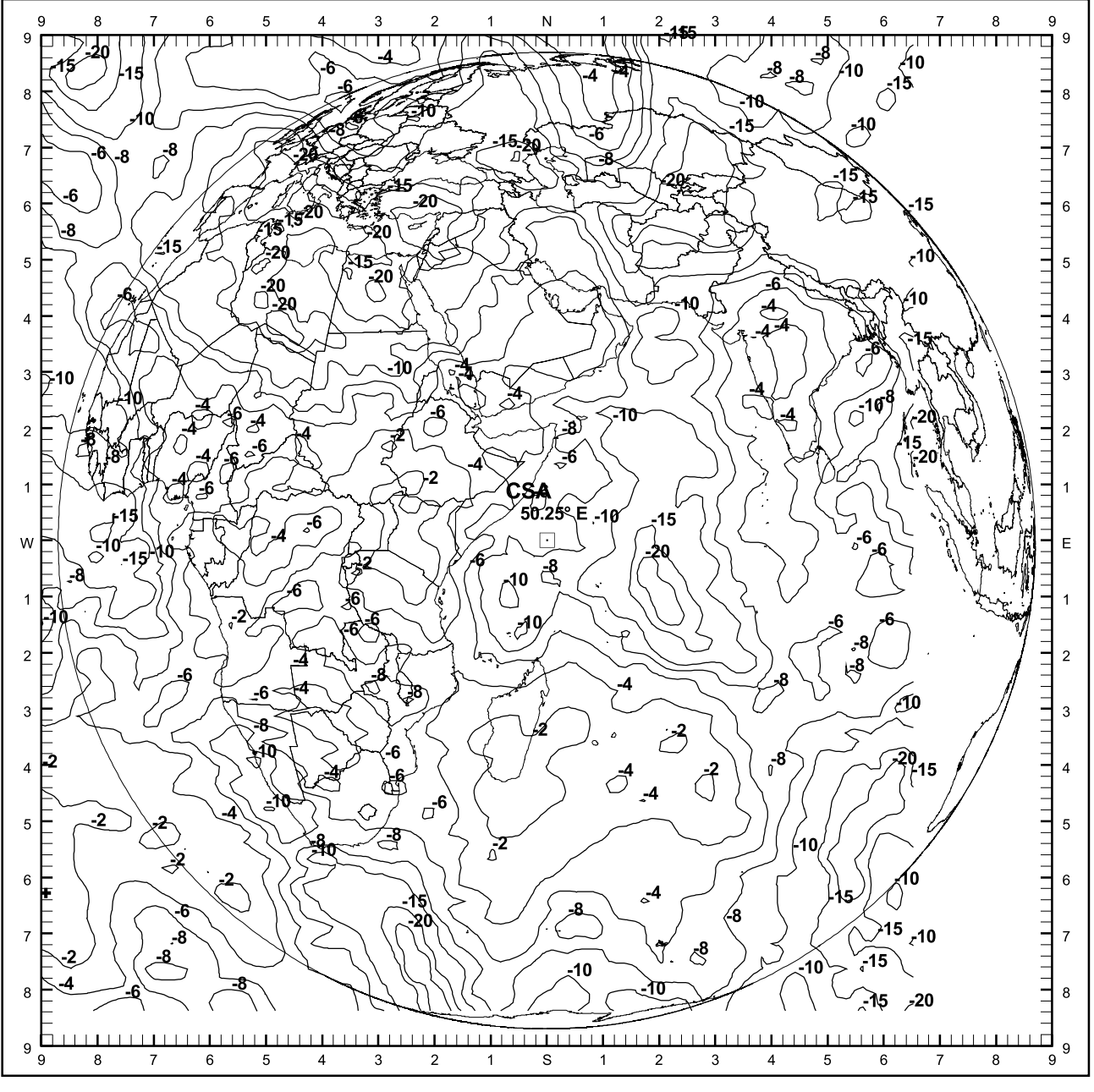
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
CSA	:	3.62°W 1.87°N
Peak Gain (Downlink Co-pol) (See +)		
CSA	:	27.7 dBi
Beam Peak EIRP		
CSA	:	41.1 dBW
Contour Levels		
CSA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
CSA	:	4095
Polarization		
CSA	:	Circular RHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



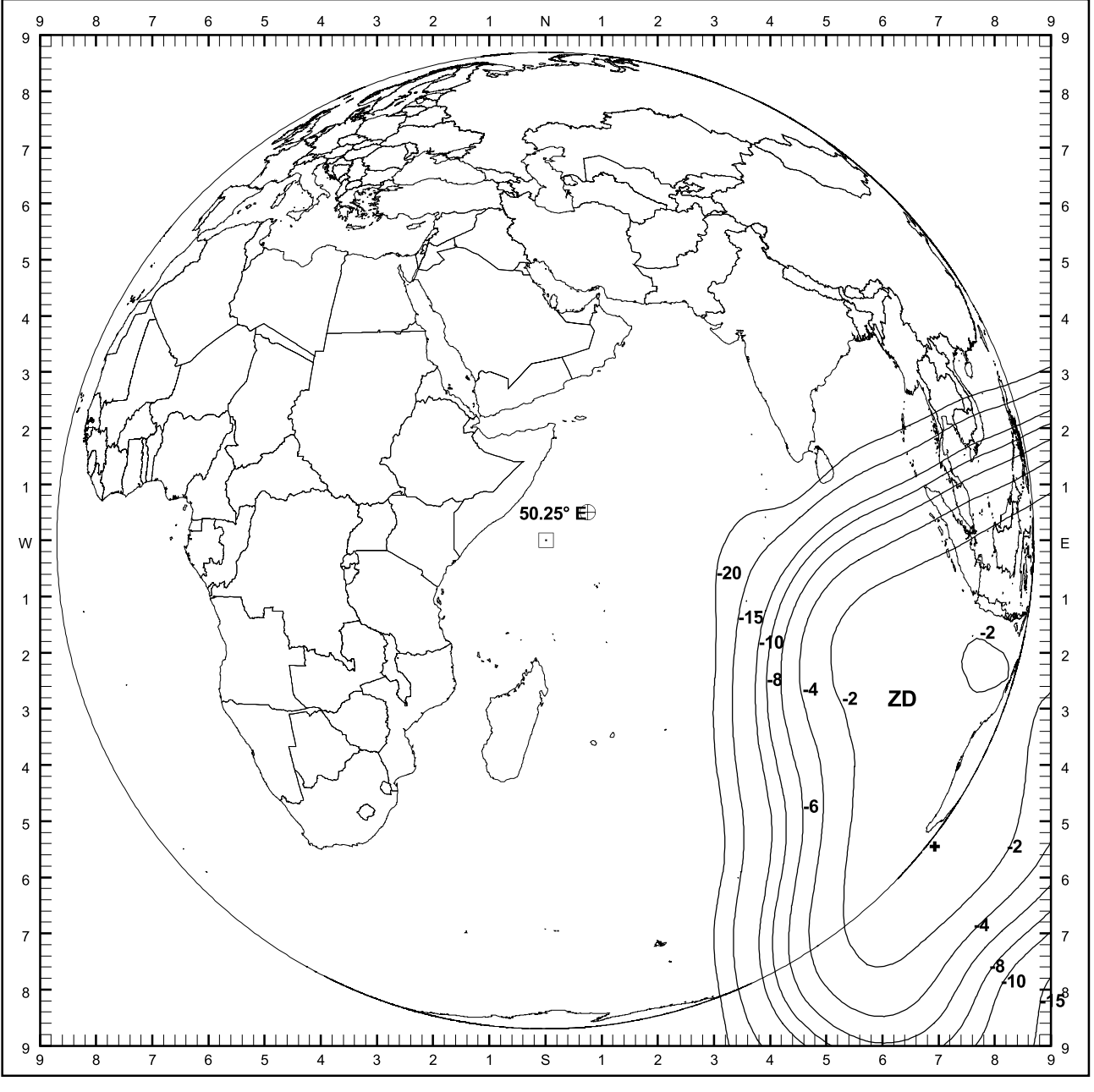
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
CSA	:	3.62°W 1.87°N
Peak Gain (Downlink X-pol) (See +)		
CSA	:	-2.2 dBi
Contour Levels		
CSA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
CSA	:	4095
Polarization		
CSA	:	Circular LHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



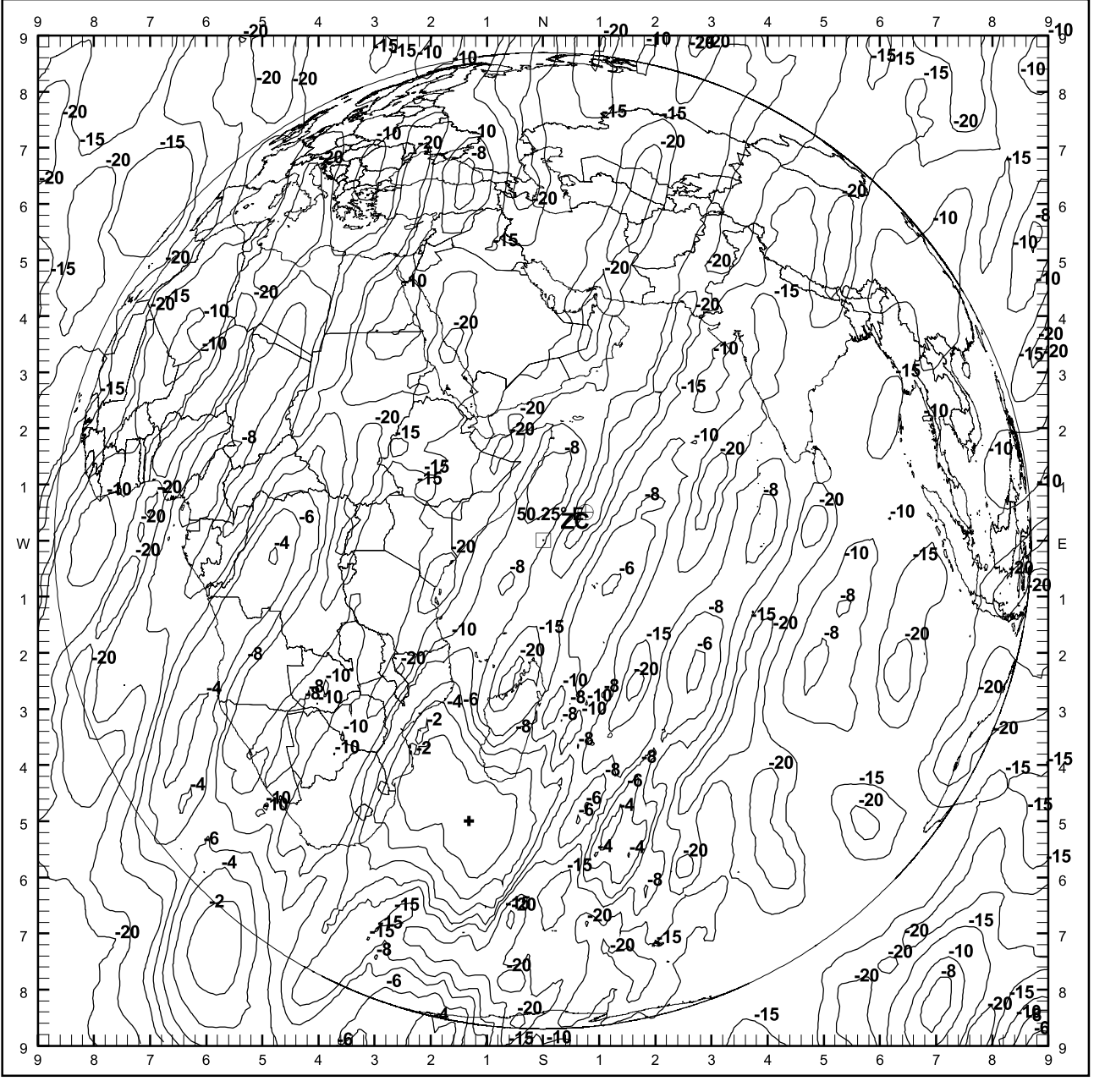
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink Co-pol) (See +)		
ZD	:	27.9 dBi
Beam Peak EIRP		
ZD	:	38.7 dBW
Contour Levels		
ZD	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZD	:	3924
Polarization		
ZD	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



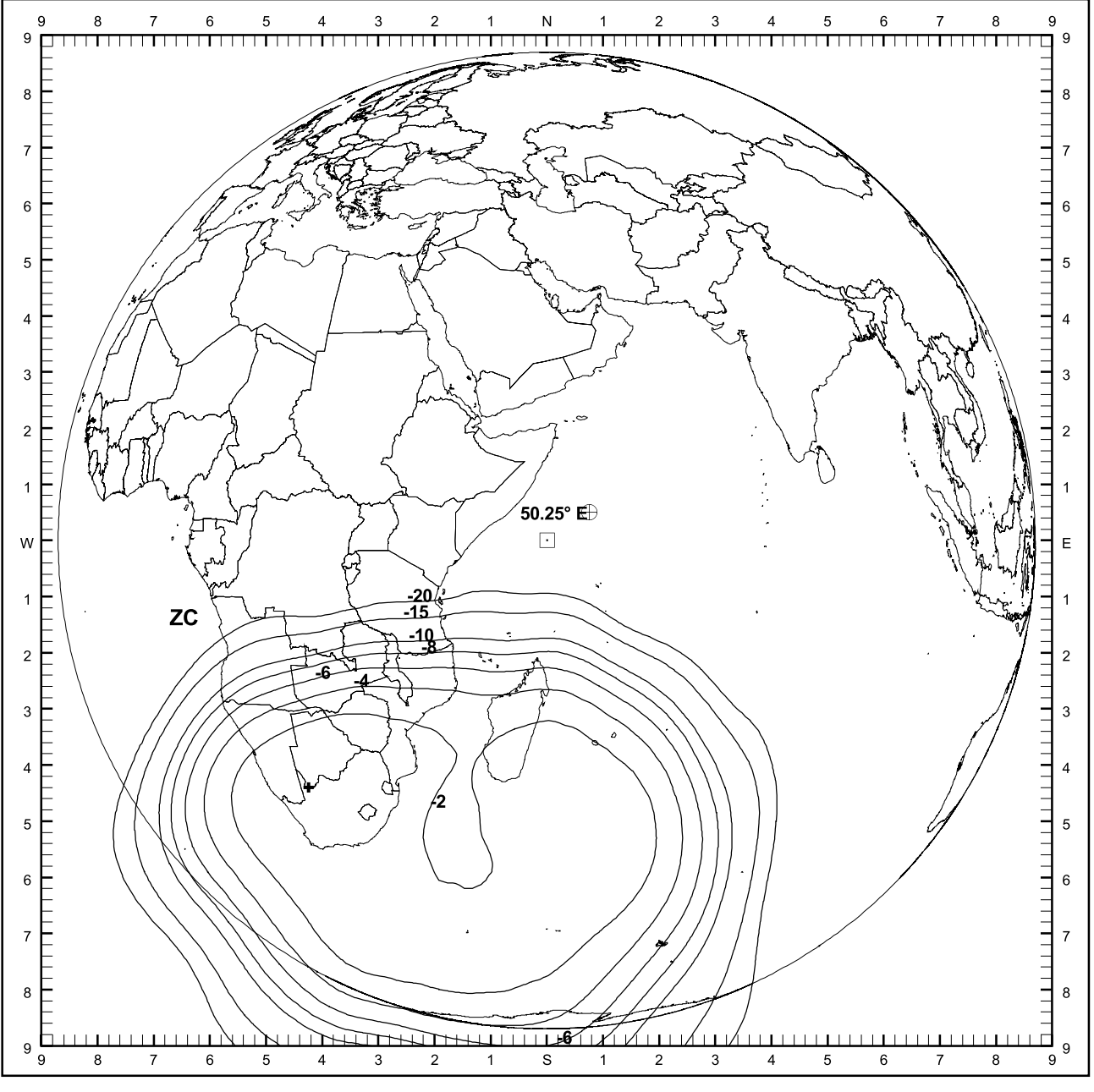
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink X-pol) (See +)		
ZC	:	1.1 dBi
Contour Levels		
ZC	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZC	:	3924
Polarization		
ZC	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



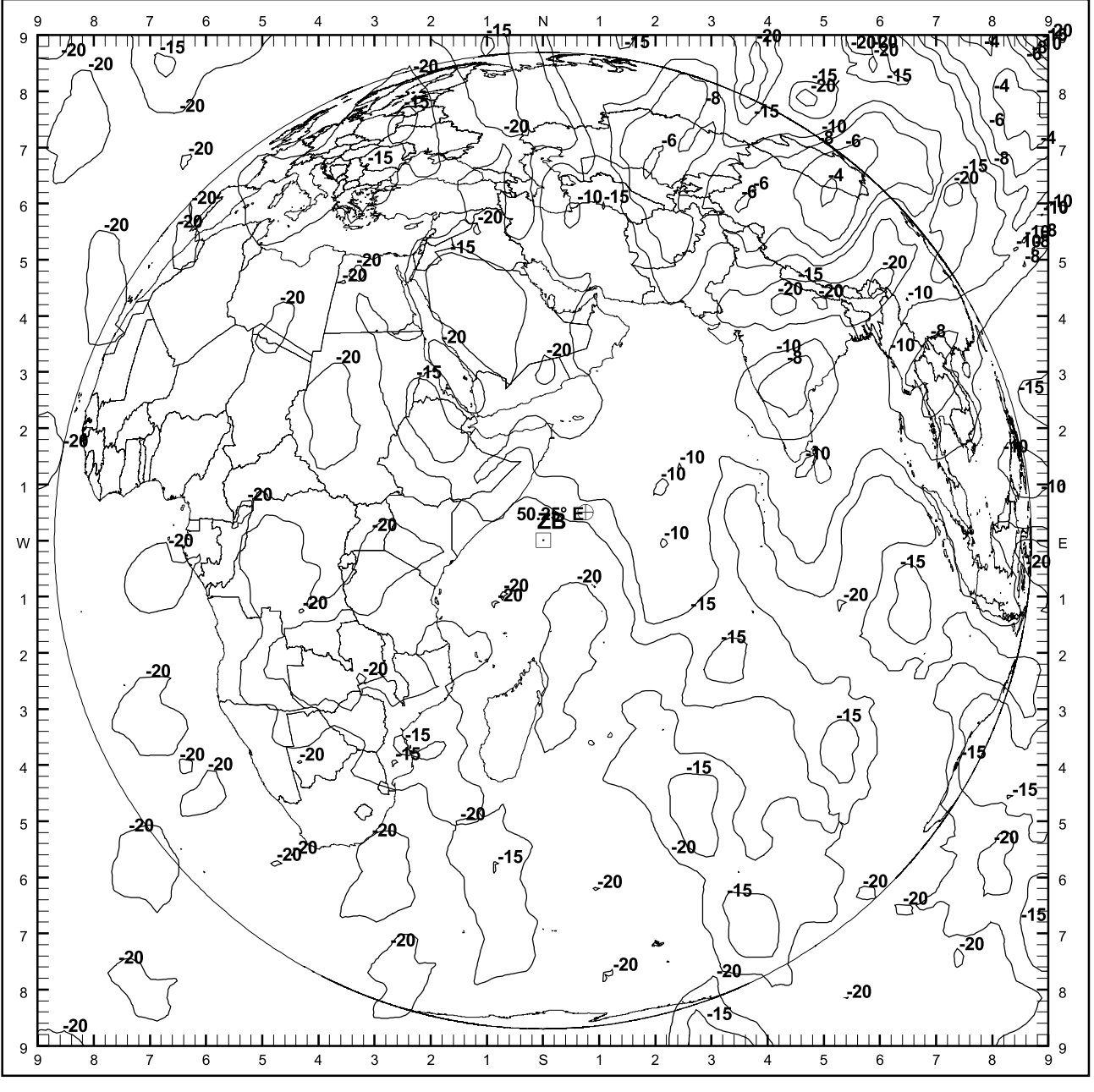
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink Co-pol) (See +)		
ZC	:	28.5 dBi
Beam Peak EIRP		
ZC	:	38.0 dBW
Contour Levels		
ZC	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZC	:	3924
Polarization		
ZC	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



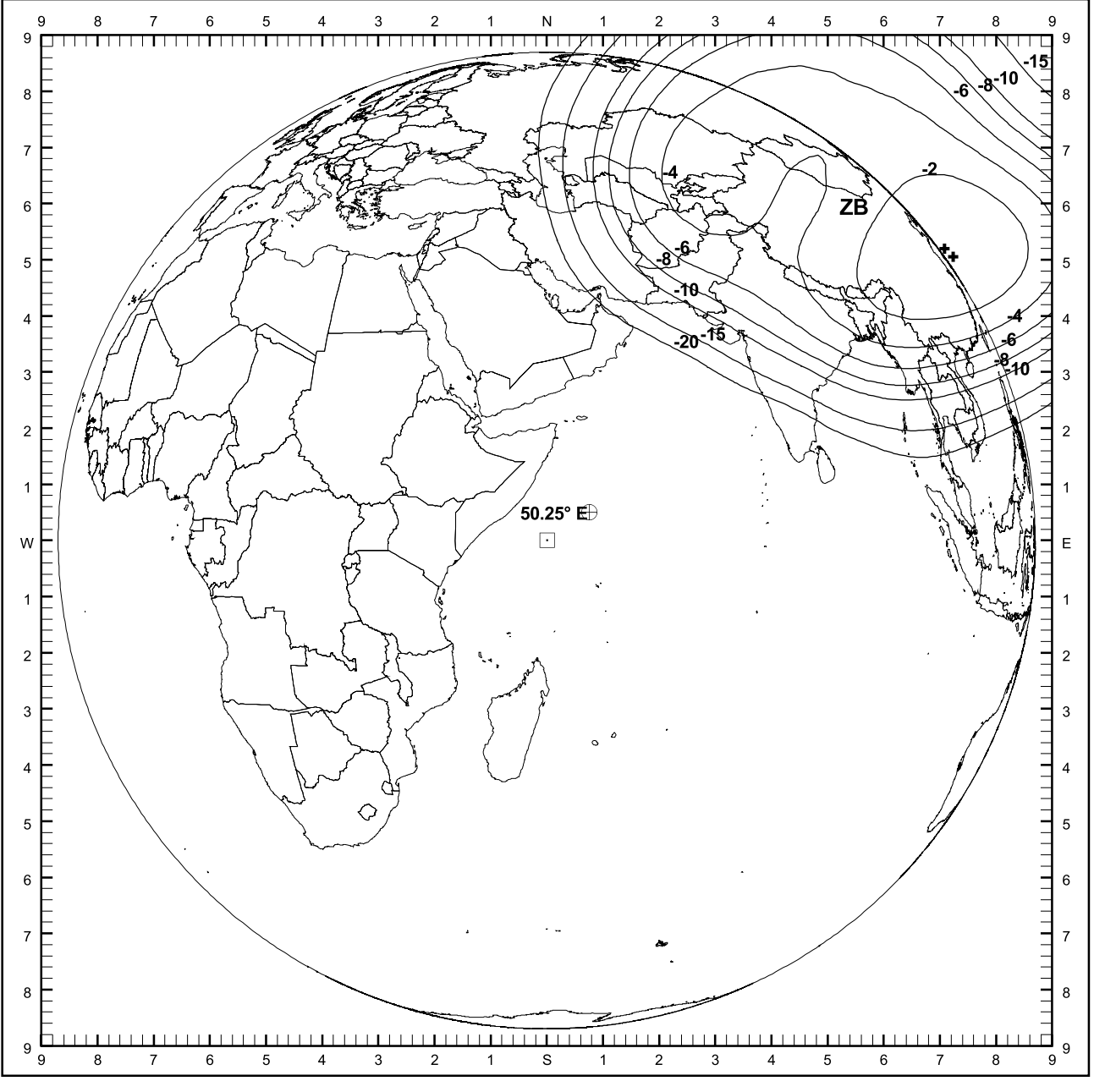
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink X-pol) (See +)		
ZB	:	3.7 dBi
Contour Levels		
ZB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZB	:	3924
Polarization		
ZB	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



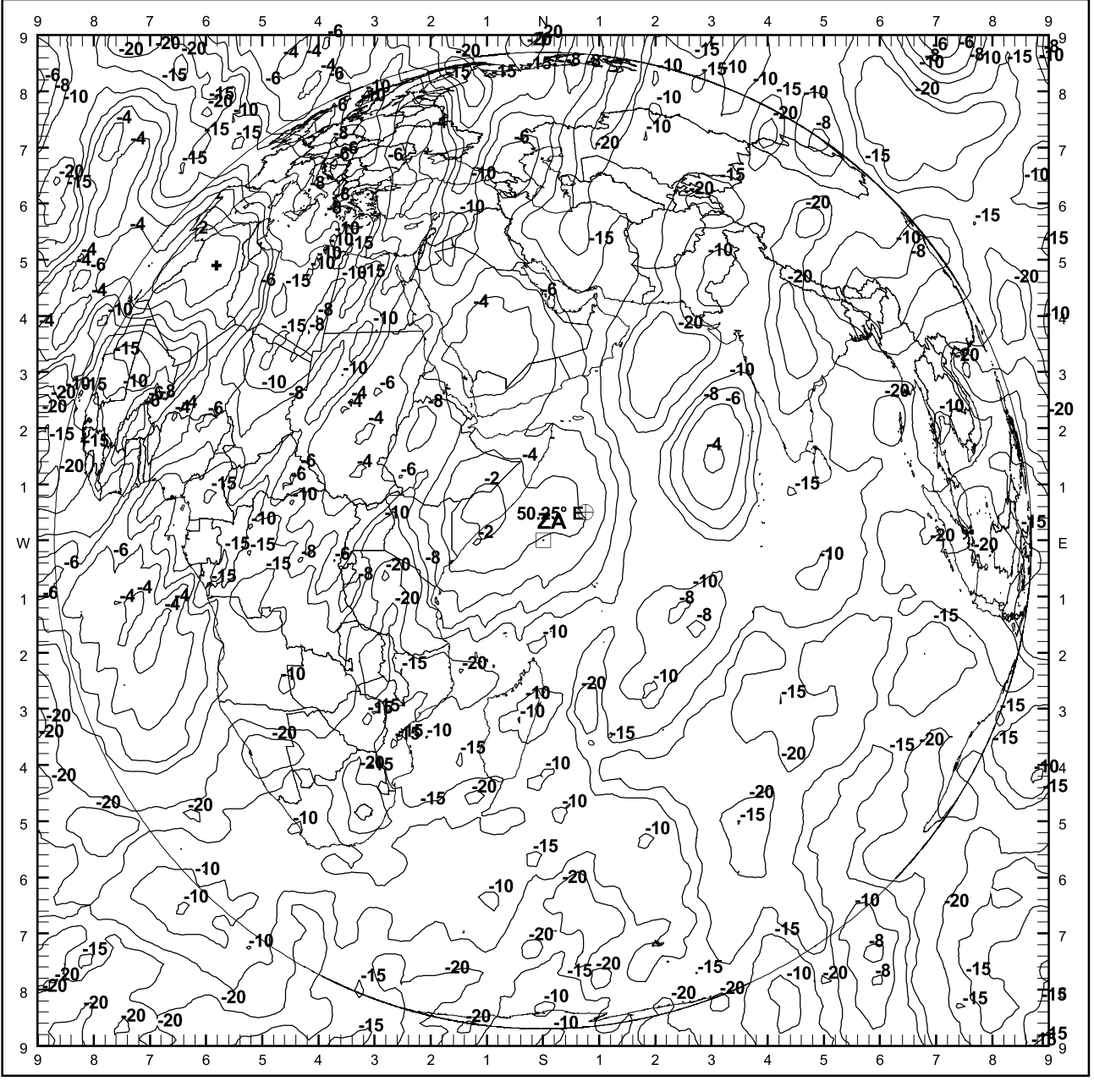
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink Co-pol) (See +)		
ZB	:	30.7 dBi
Beam Peak EIRP		
ZB	:	40.4 dBW
Contour Levels		
ZB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZB	:	3924
Polarization		
ZB	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



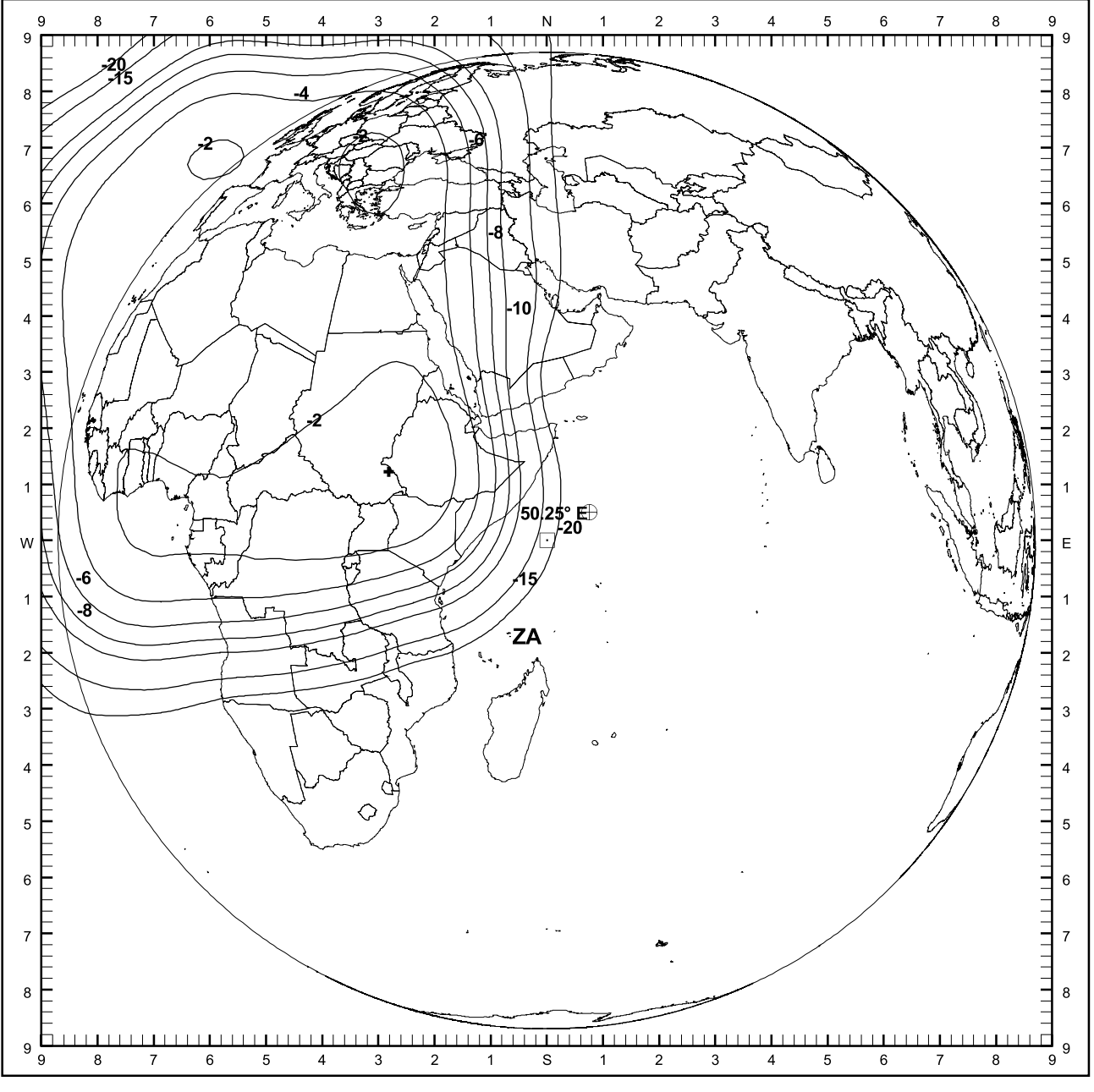
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink X-pol) (See +)		
ZA	:	-2.4 dBi
Contour Levels		
ZA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZA	:	3924
Polarization		
ZA	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



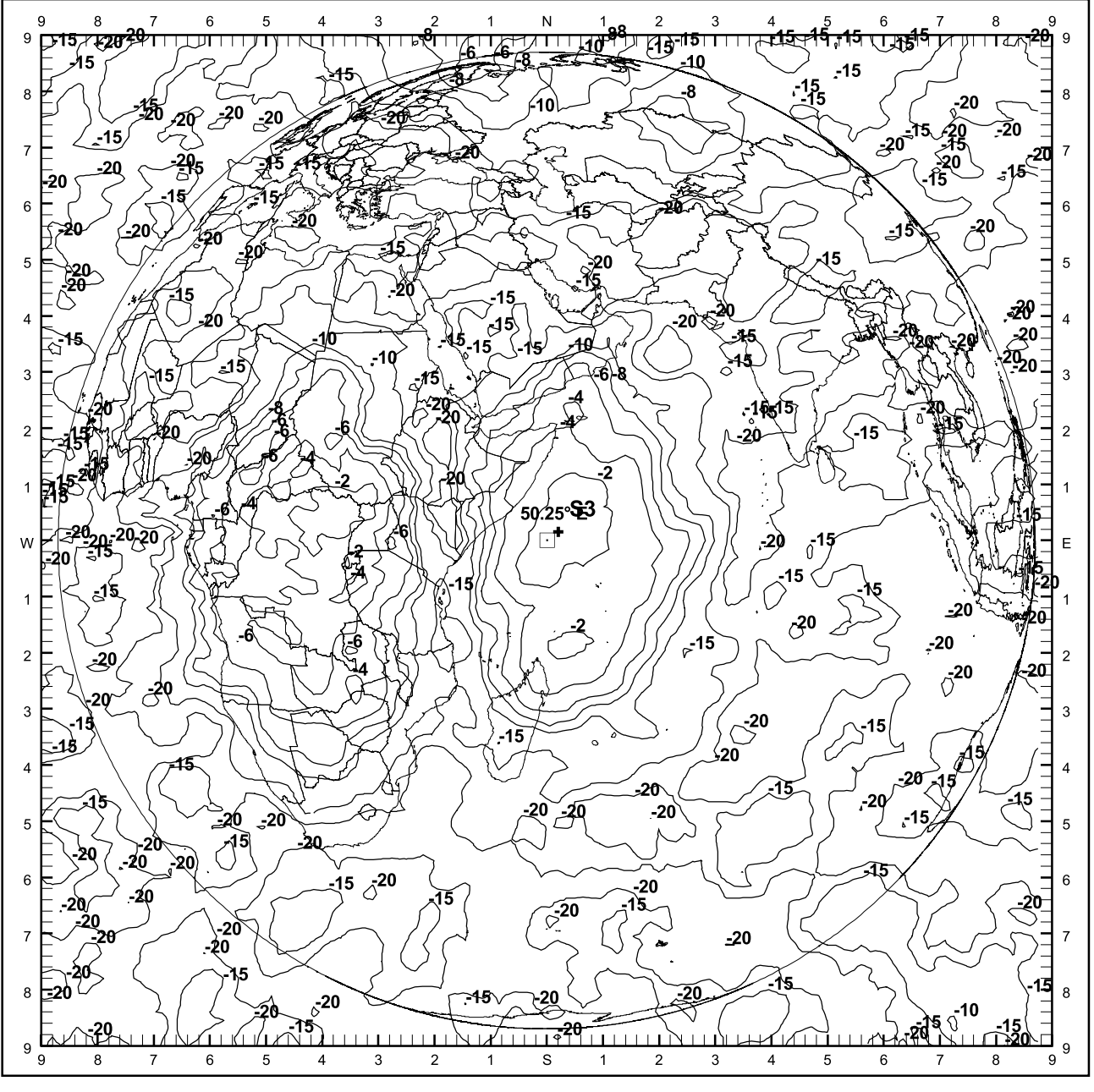
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink Co-pol) (See +)		
ZA	:	28.1 dBi
Beam Peak EIRP		
ZA	:	38.7 dBW
Contour Levels		
ZA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZA	:	3924
Polarization		
ZA	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



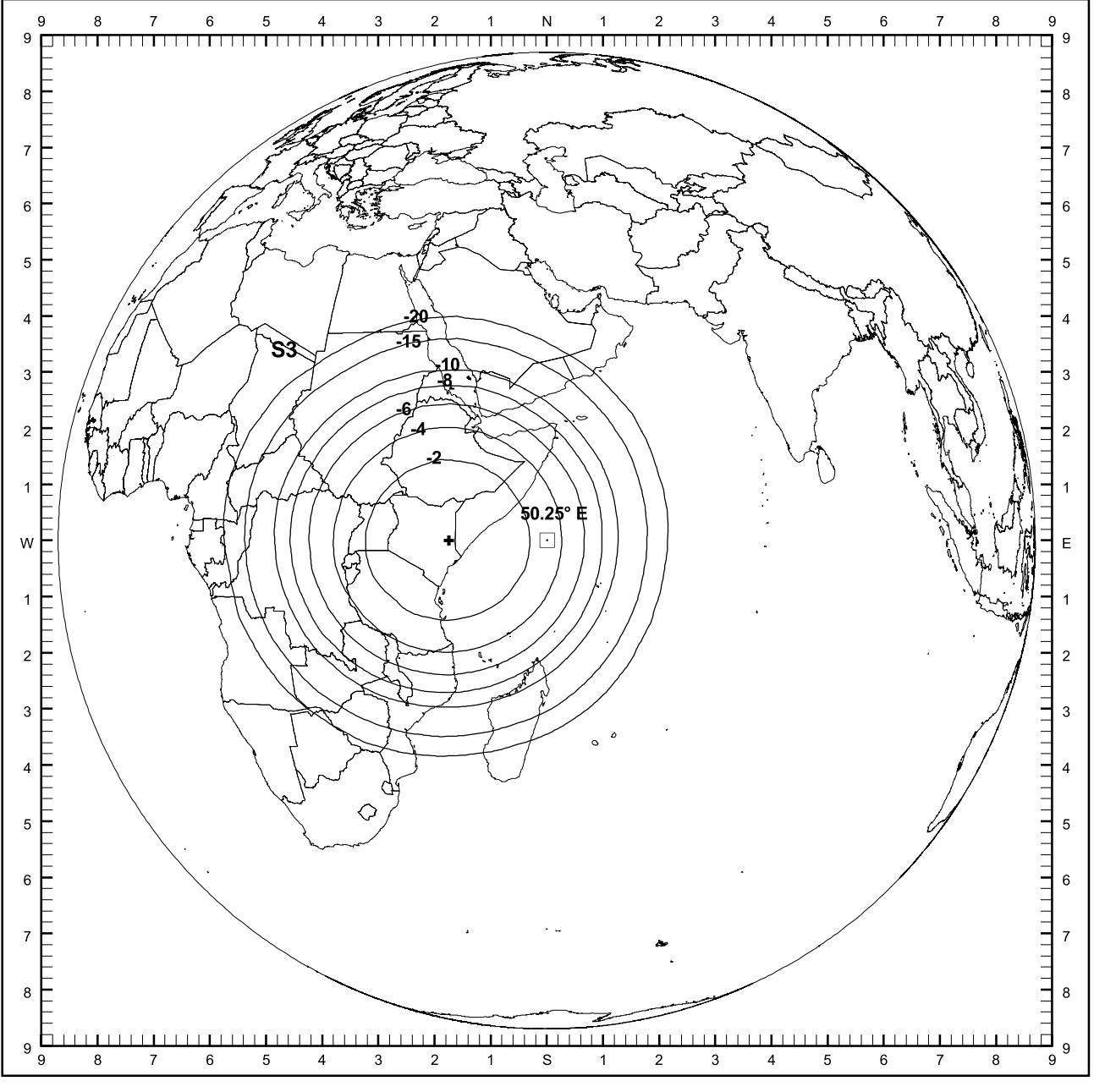
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S3	:	1.78°W 0.01°S
Peak Gain (Downlink X-pol) (See +)		
S3	:	4.5 dBi
Contour Levels		
S3	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S3	:	11174
Polarization		
S3	:	Linear Horizontal
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



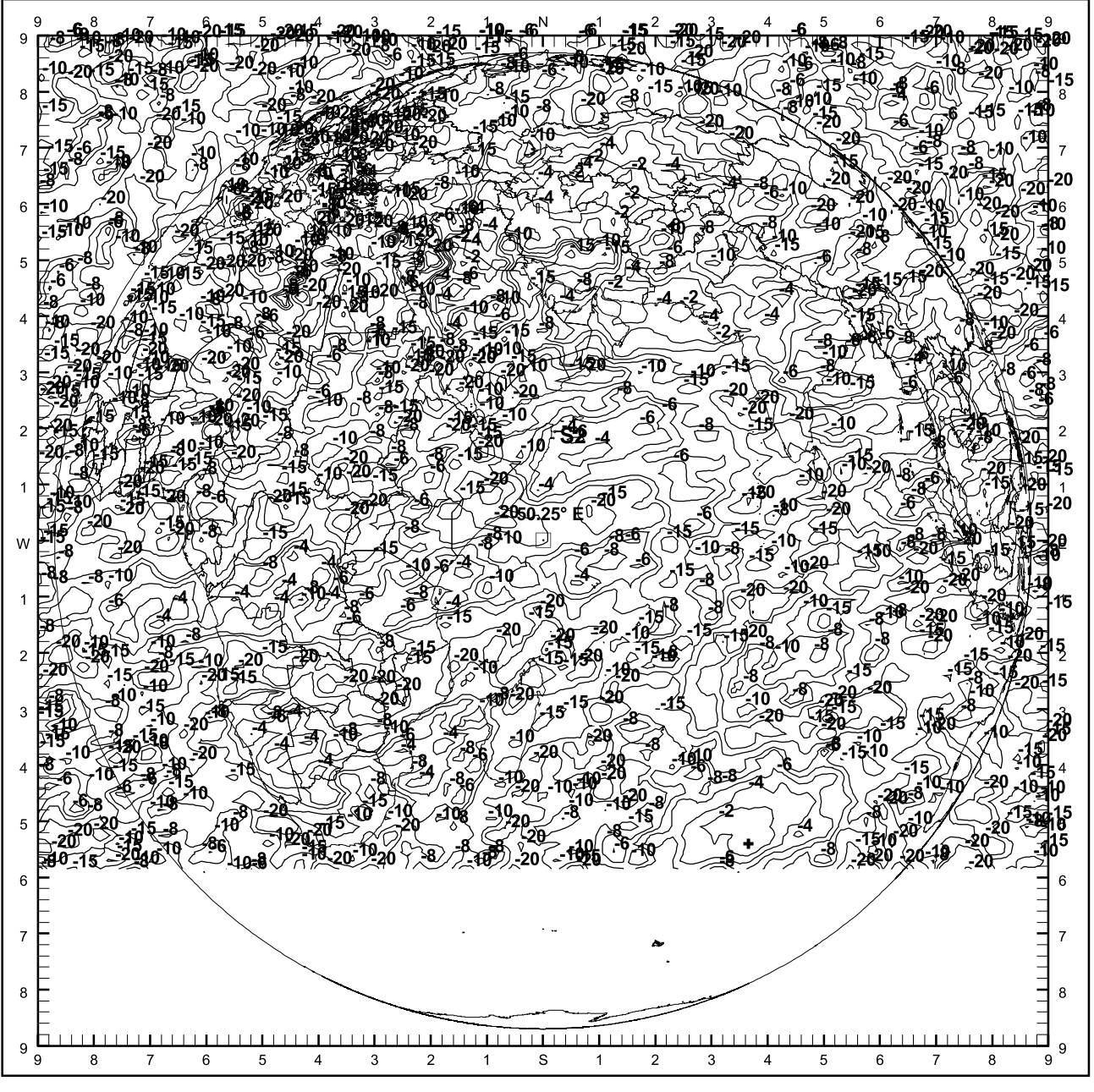
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S3	:	1.78°W 0.01°S
Peak Gain (Downlink Co-pol) (See +)		
S3	:	33.3 dBi
Beam Peak EIRP		
S3	:	49.8 dBW
Contour Levels		
S3	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S3	:	11174
Polarization		
S3	:	Linear Vertical
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



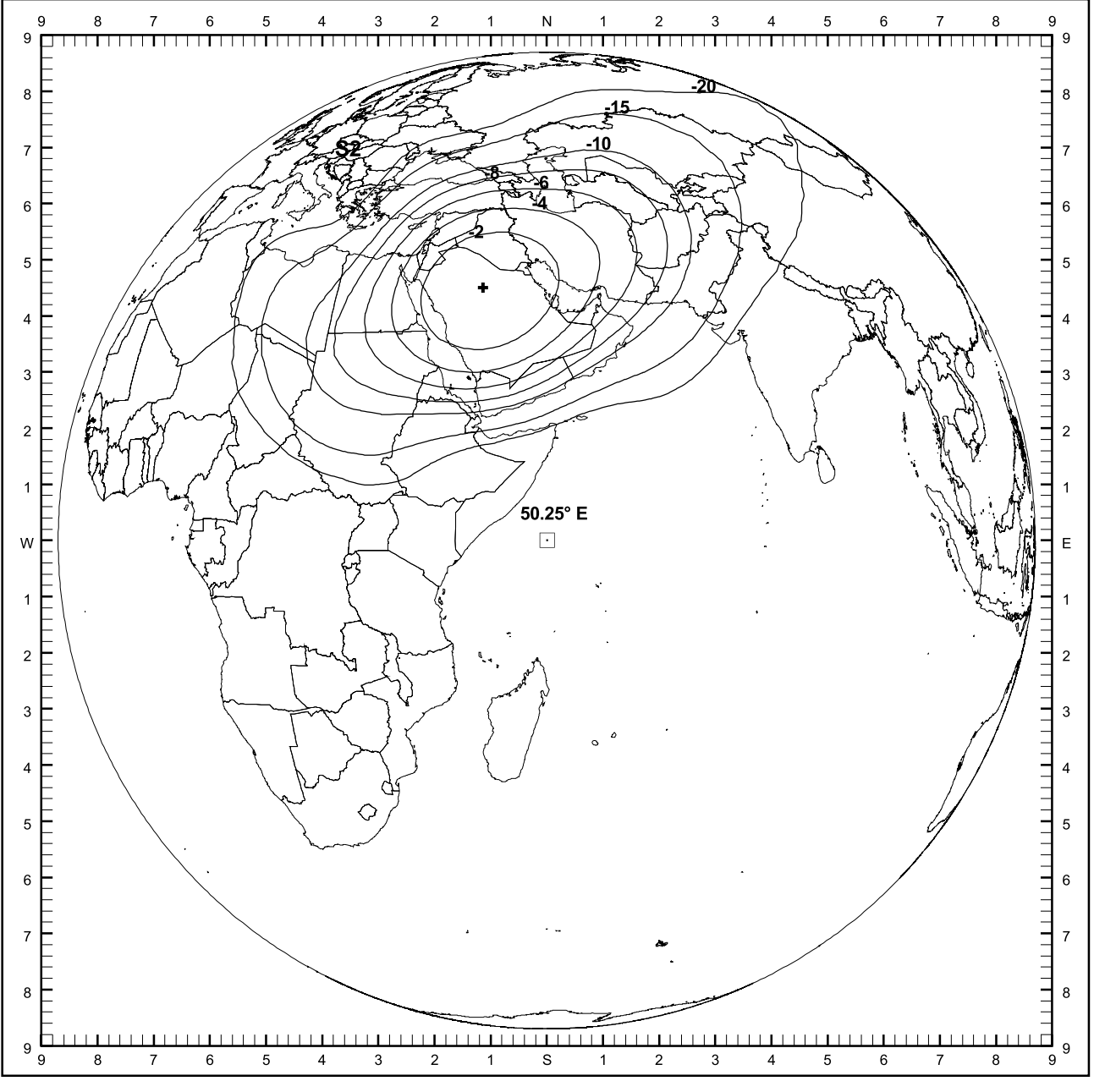
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S2	:	0.87°W 4.52°N
Peak Gain (Downlink X-pol) (See +)		
S2	:	-3.1 dBi
Contour Levels		
S2	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S2	:	11174
Polarization		
S2	:	Linear Vertical
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



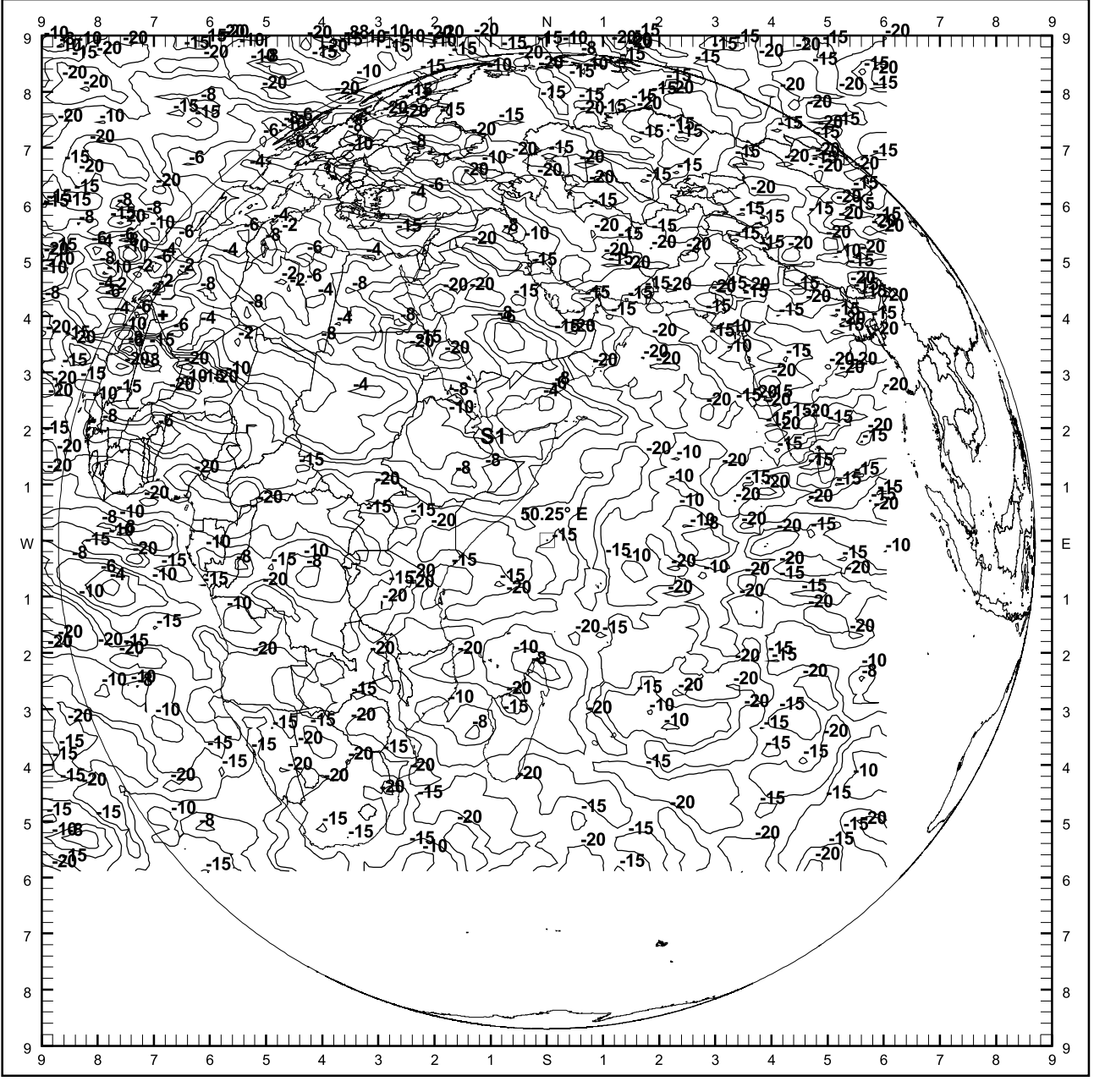
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S2	:	0.87°W 4.52°N
Peak Gain (Downlink Co-pol) (See +)		
S2	:	34.6 dBi
Beam Peak EIRP		
S2	:	51.7 dBW
Contour Levels		
S2	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S2	:	11174
Polarization		
S2	:	Linear Horizontal
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



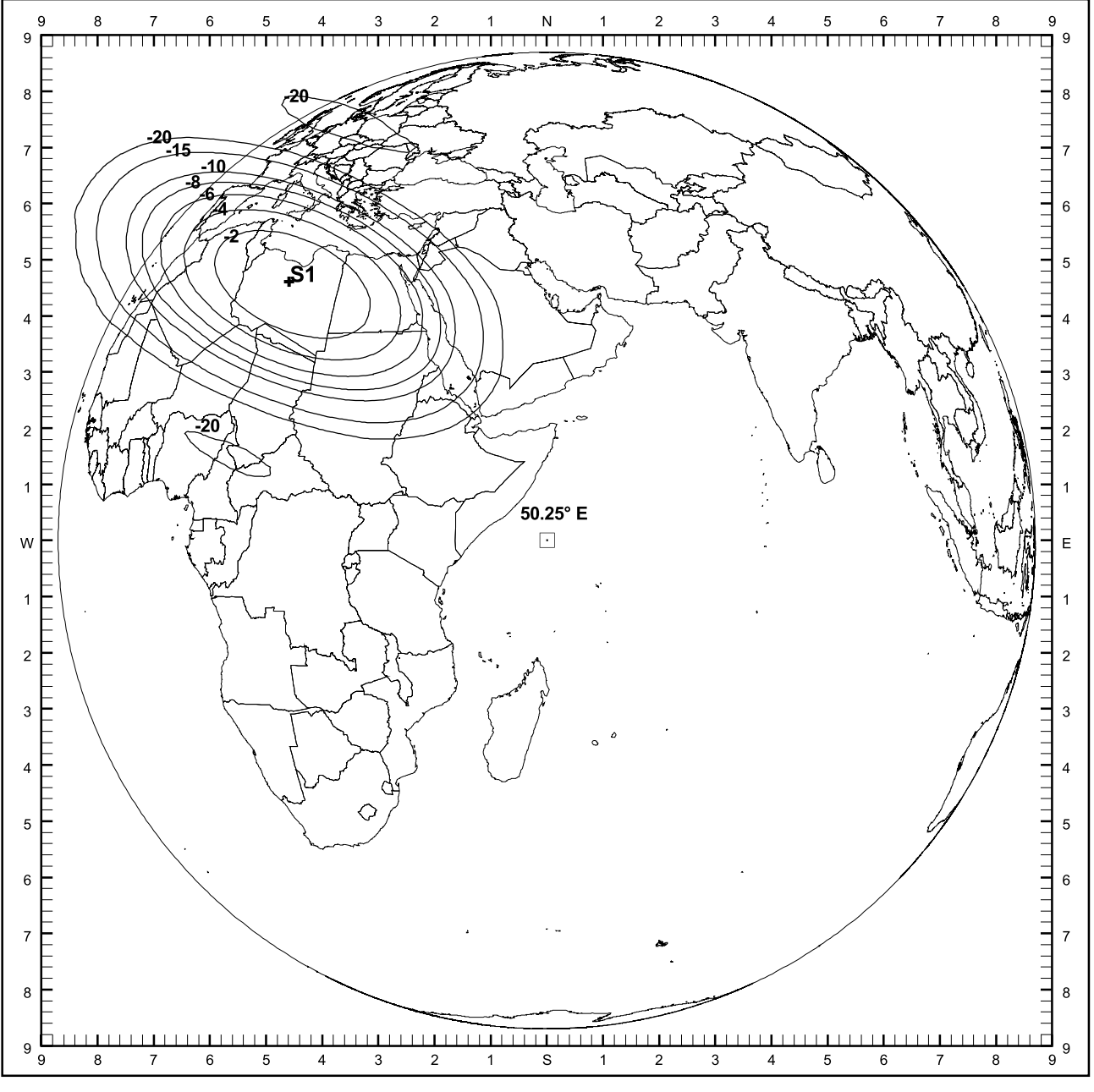
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S1	:	4.53°W 4.54°N
Peak Gain (Downlink X-pol) (See +)		
S1	:	0.3 dBi
Contour Levels		
S1	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S1	:	11174
Polarization		
S1	:	Linear Horizontal
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



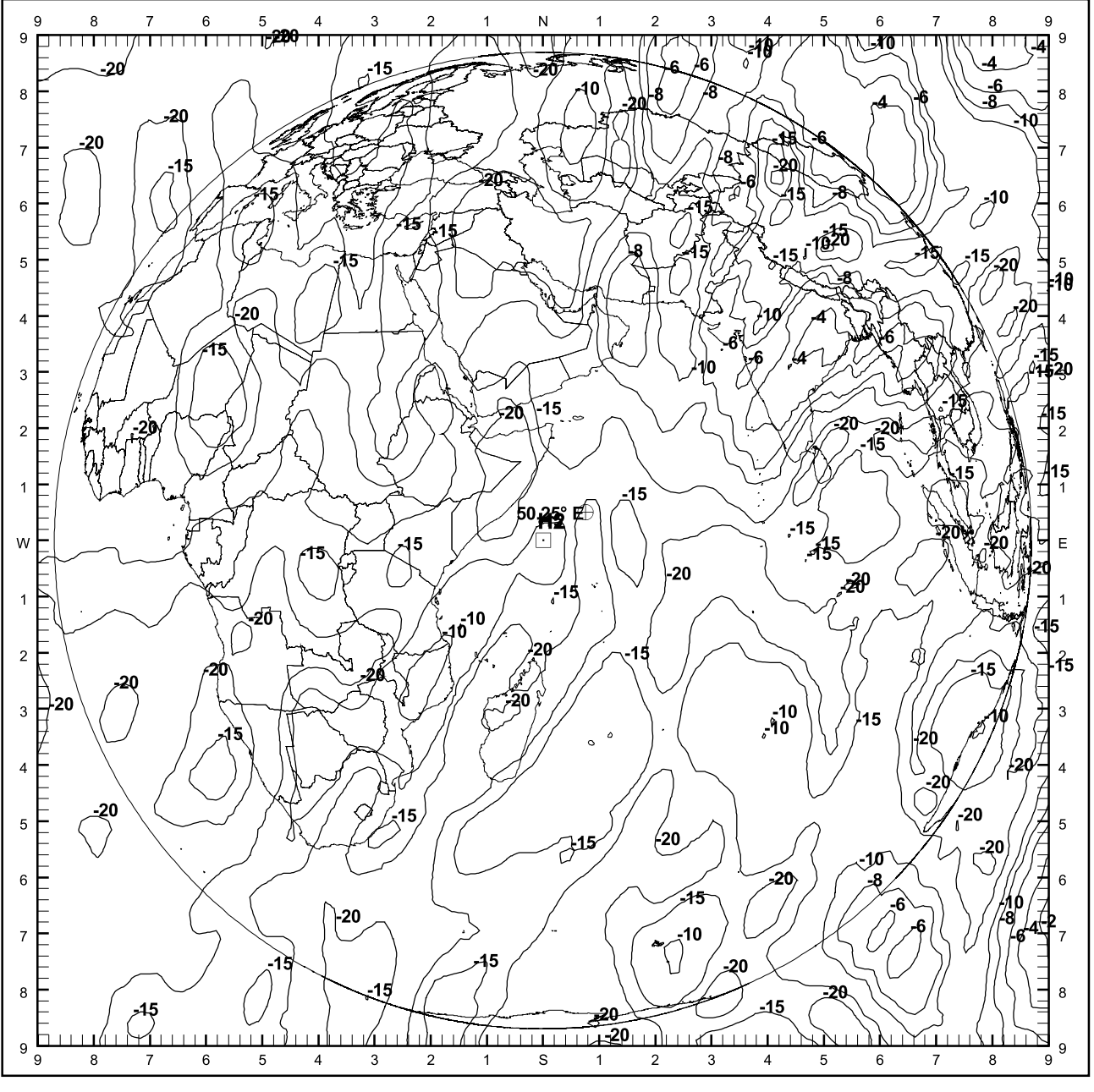
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
S1	:	4.53°W 4.54°N
Peak Gain (Downlink Co-pol) (See +)		
S1	:	35.2 dBi
Beam Peak EIRP		
S1	:	51.1 dBW
Contour Levels		
S1	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
S1	:	11174
Polarization		
S1	:	Linear Vertical
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



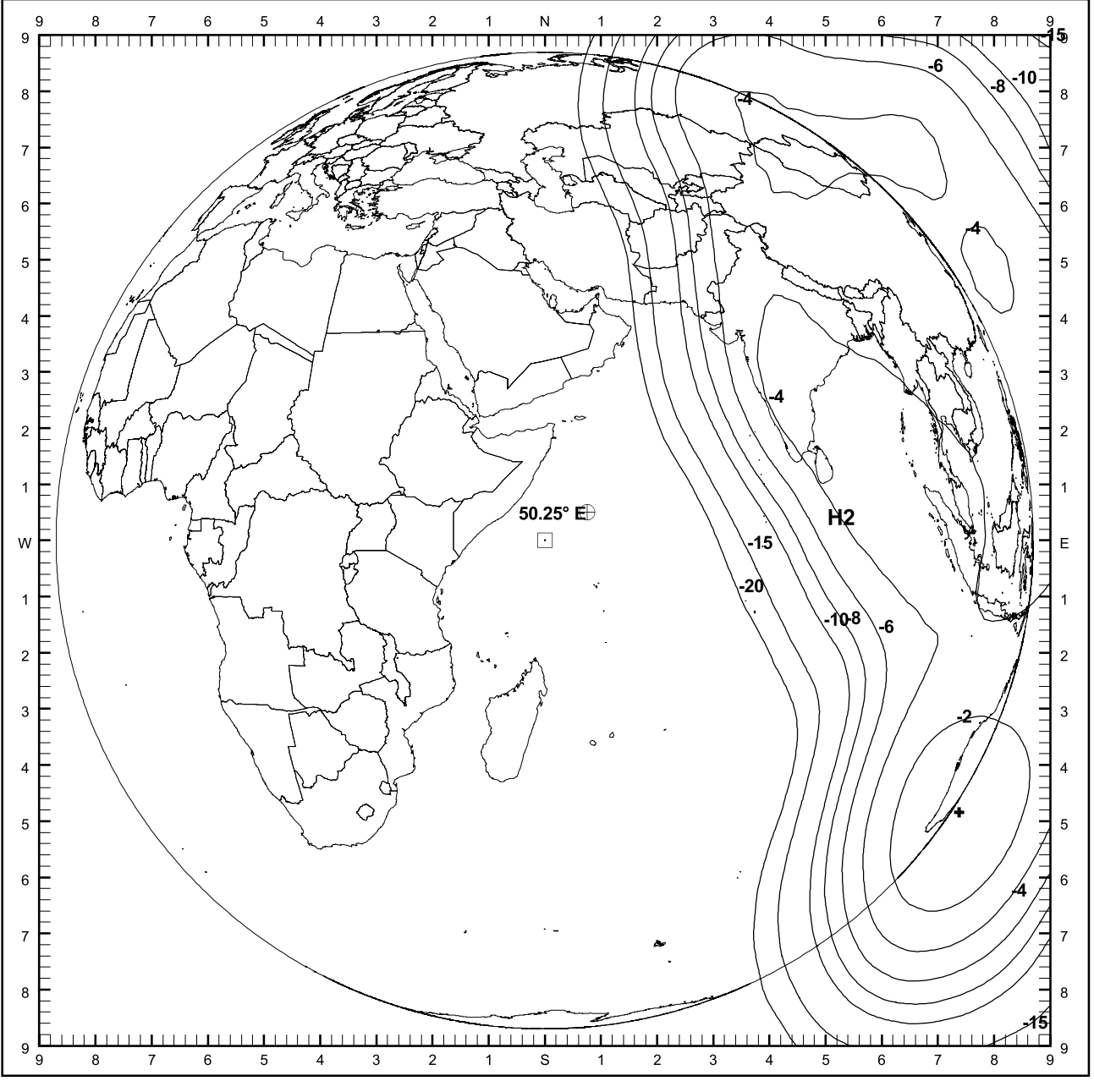
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink X-pol) (See +)		
H2	:	2.0 dBi
Contour Levels		
H2	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
H2	:	3924
Polarization		
H2	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



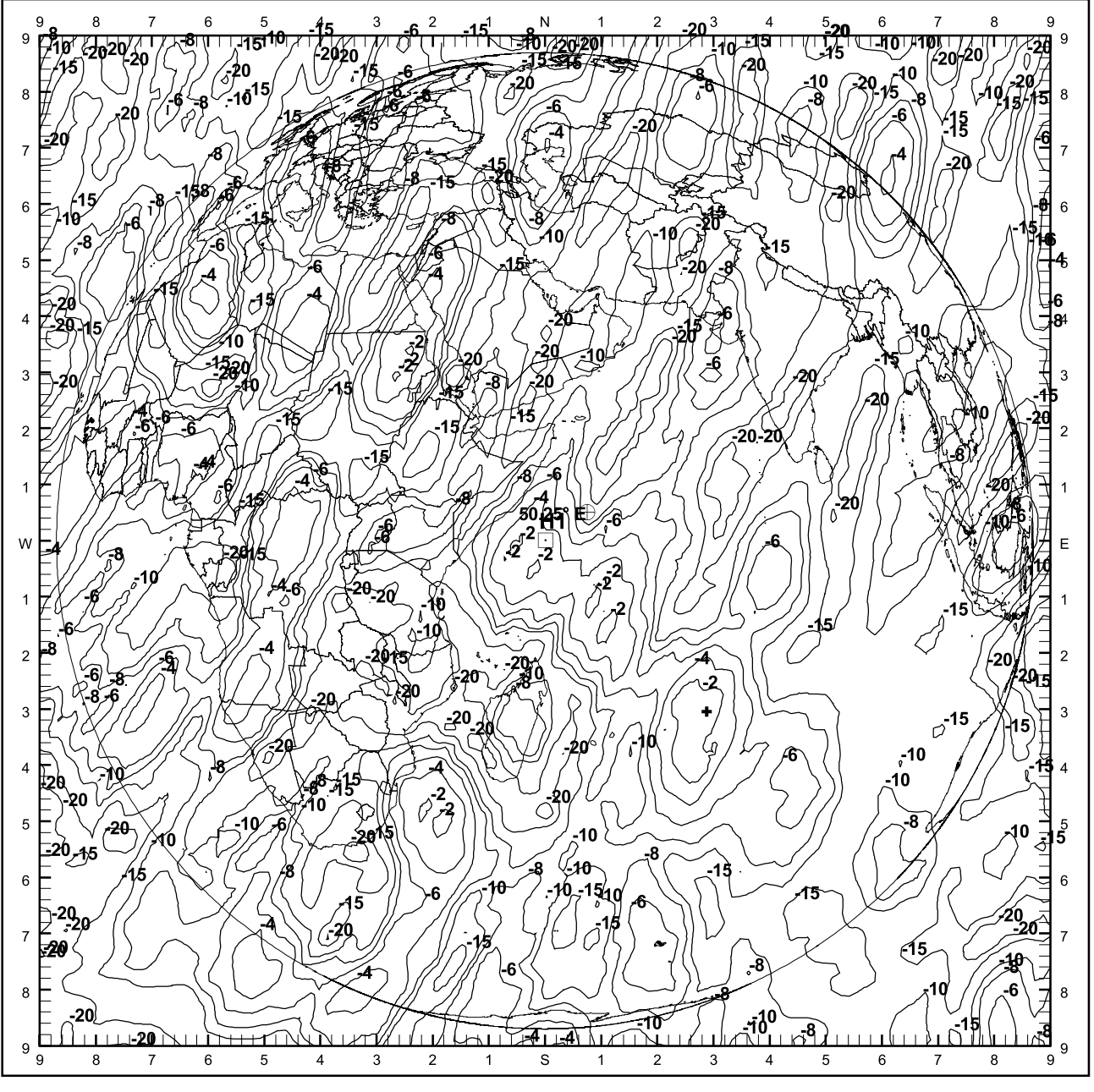
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink Co-pol) (See +)		
H2	:	27.5 dBi
Beam Peak EIRP		
H2	:	39.8 dBW
Contour Levels		
H2	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
H2	:	3924
Polarization		
H2	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



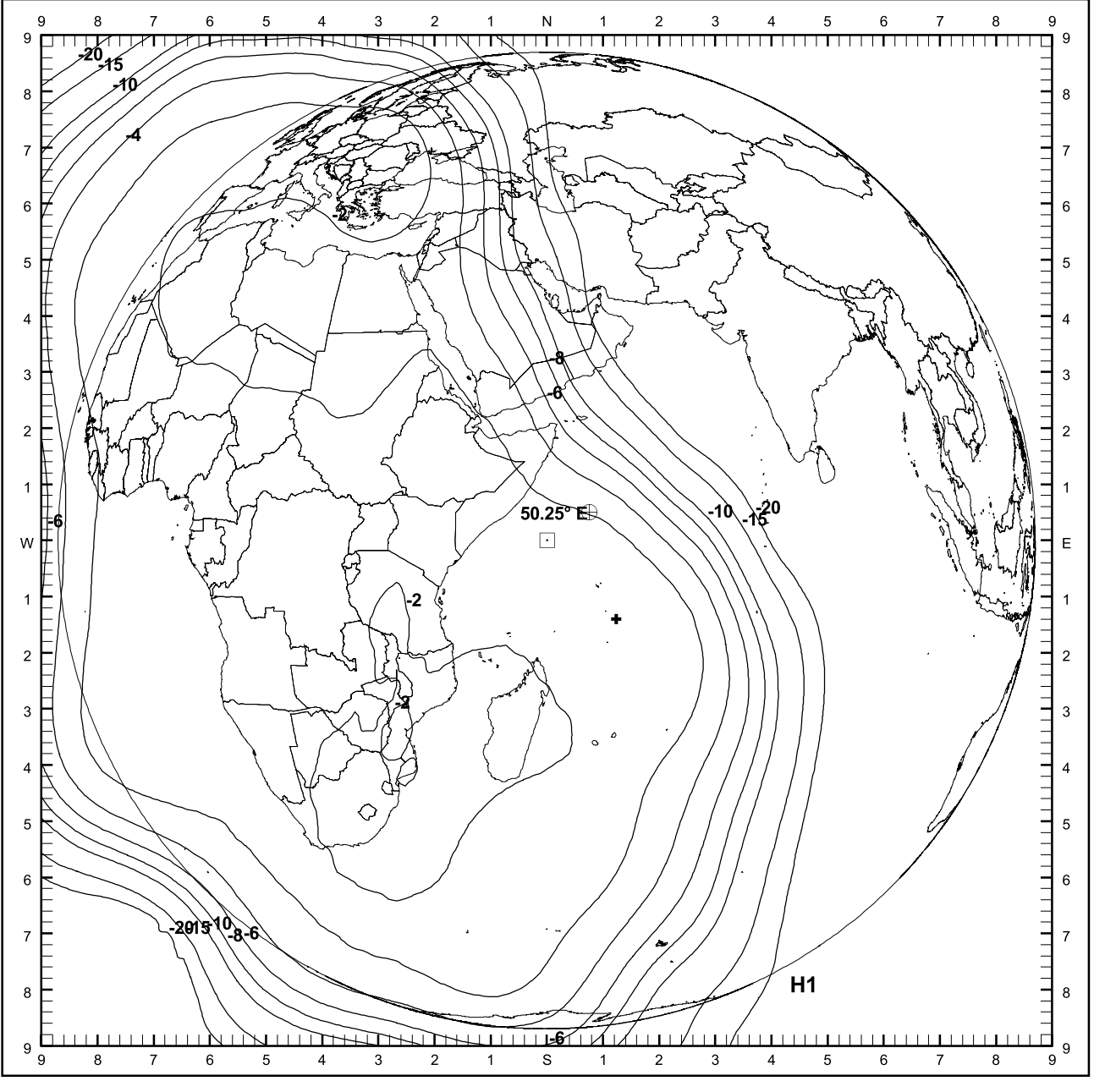
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink X-pol) (See +)		
H1	:	-4.8 dBi
Contour Levels		
H1	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
H1	:	3924
Polarization		
H1	:	Circular LHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



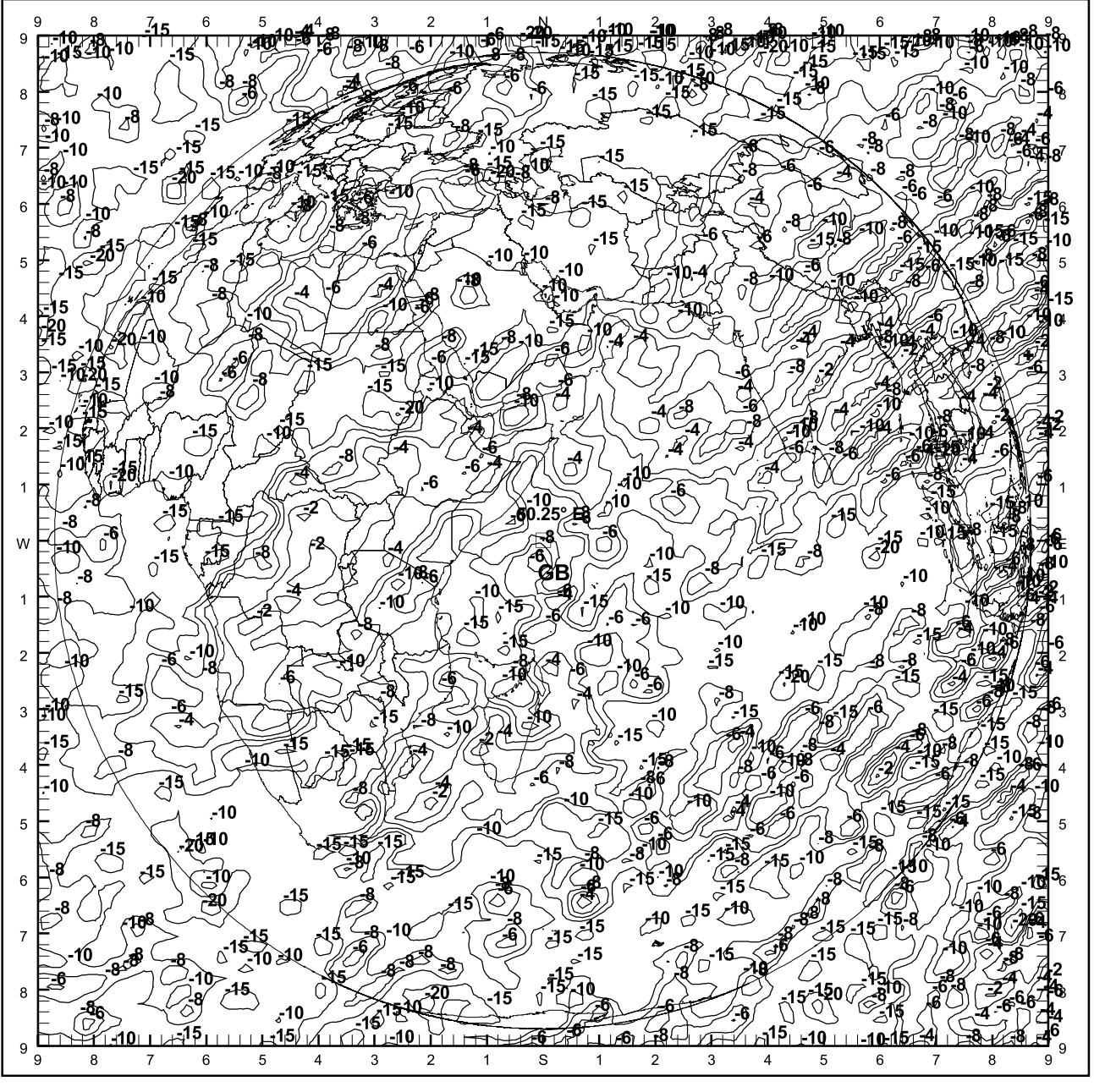
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink Co-pol) (See +)		
H1	:	23.6 dBi
Beam Peak EIRP		
H1	:	37.4 dBW
Contour Levels		
H1	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
H1	:	3924
Polarization		
H1	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



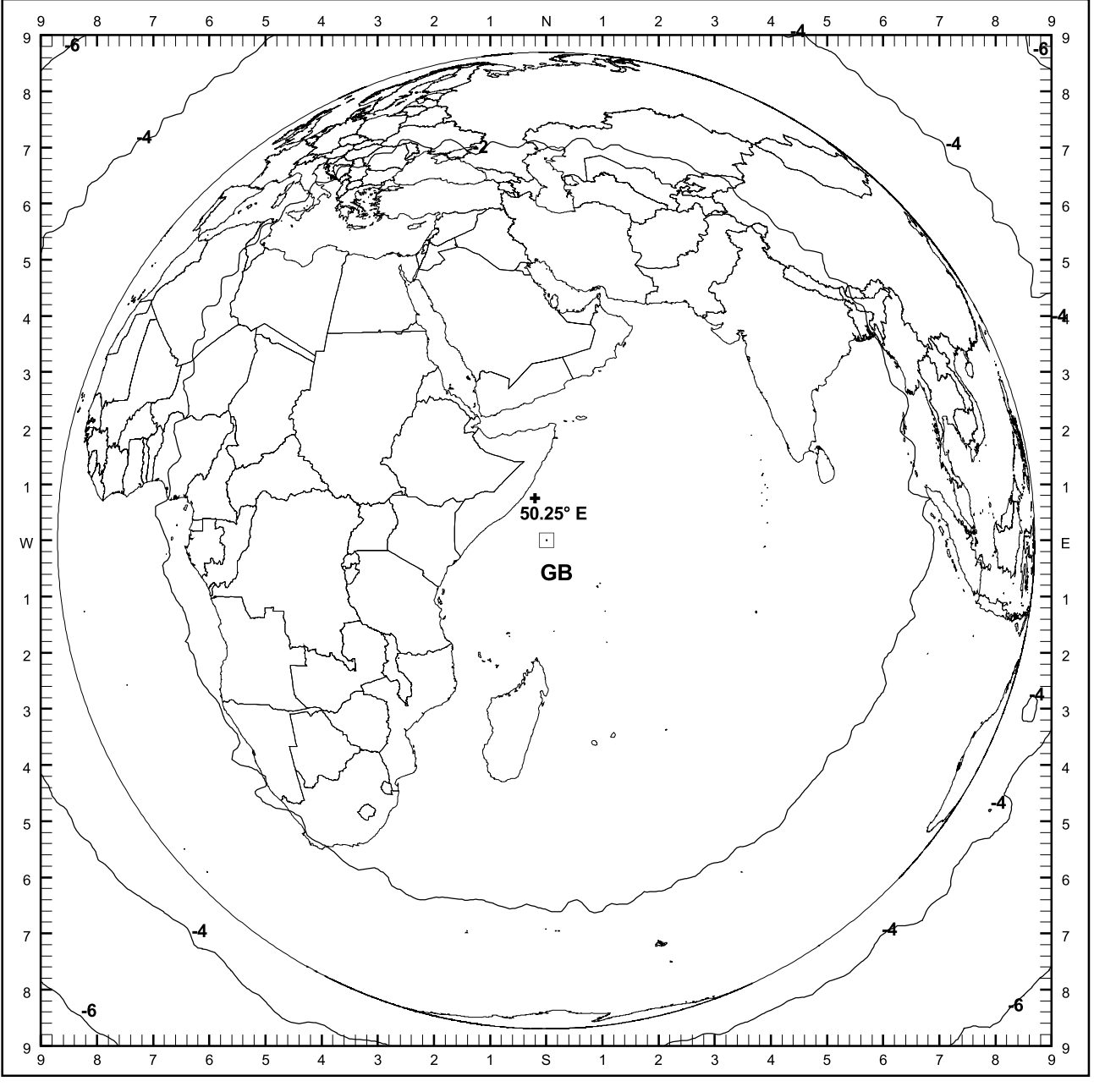
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
GB	:	0.00°E 0.50°N
Peak Gain (Downlink X-pol) (See +)		
GB	:	-9.7 dBi
Contour Levels		
GB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
GB	:	4095
Polarization		
GB	:	Circular RHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



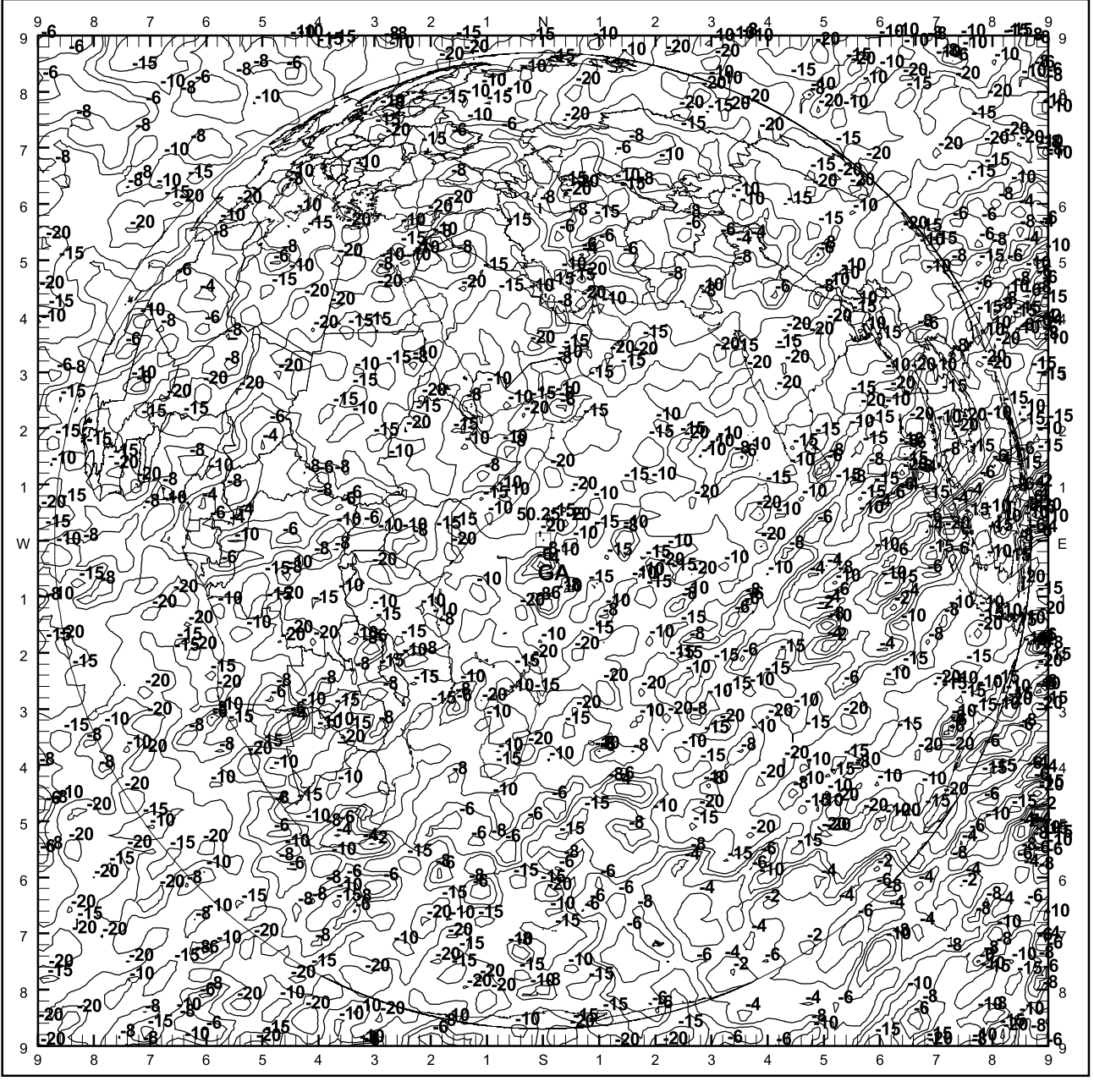
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
GB	:	0.00°E 0.50°N
Peak Gain (Downlink Co-pol) (See +)		
GB	:	20.4 dBi
Beam Peak EIRP		
GB	:	33.9 dBW
Contour Levels		
GB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
GB	:	4095
Polarization		
GB	:	Circular LHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



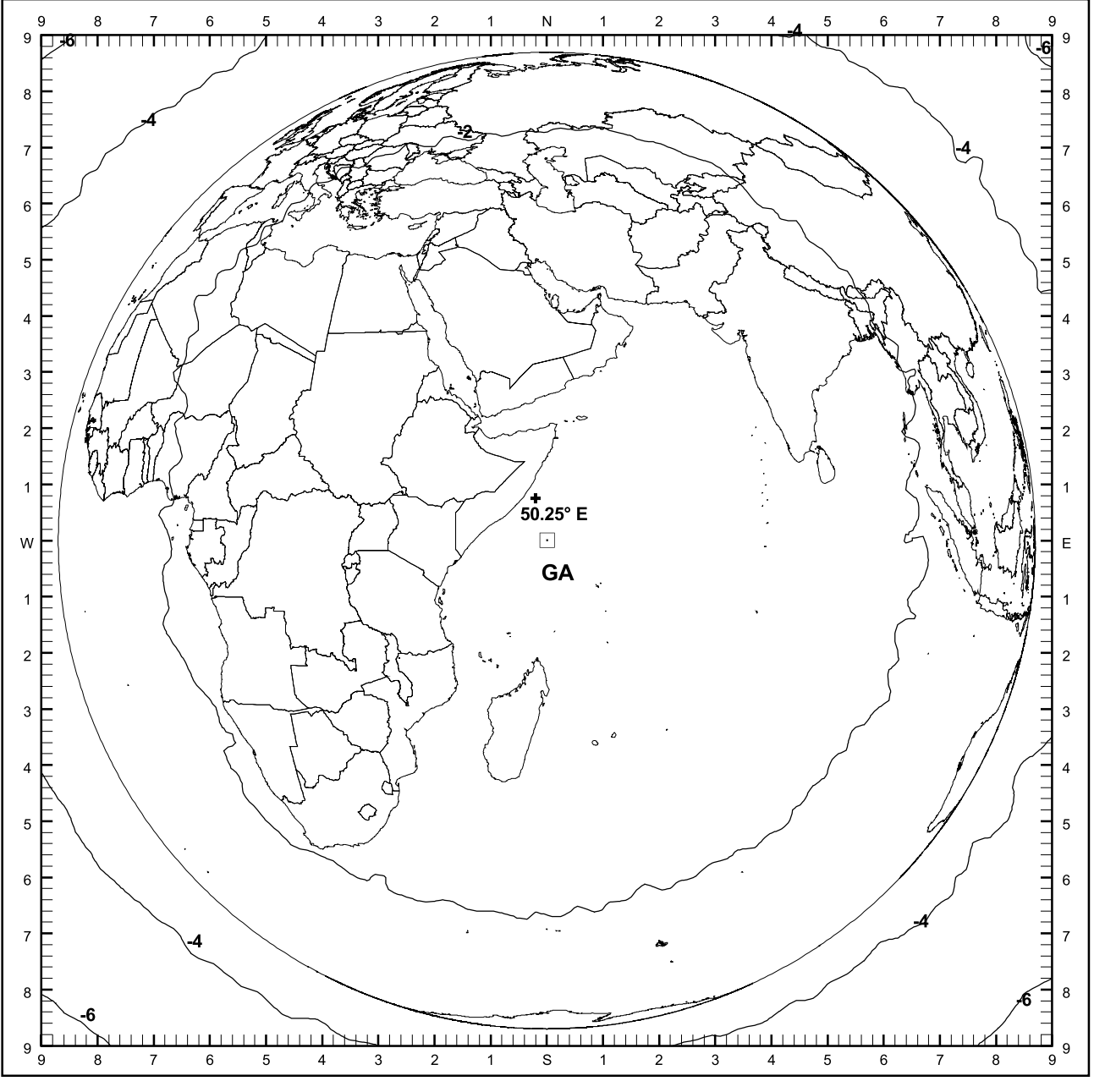
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
GA	:	0.00°E 0.50°N
Peak Gain (Downlink X-pol) (See +)		
GA	:	-11.6 dBi
Contour Levels		
GA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
GA	:	4095
Polarization		
GA	:	Circular LHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



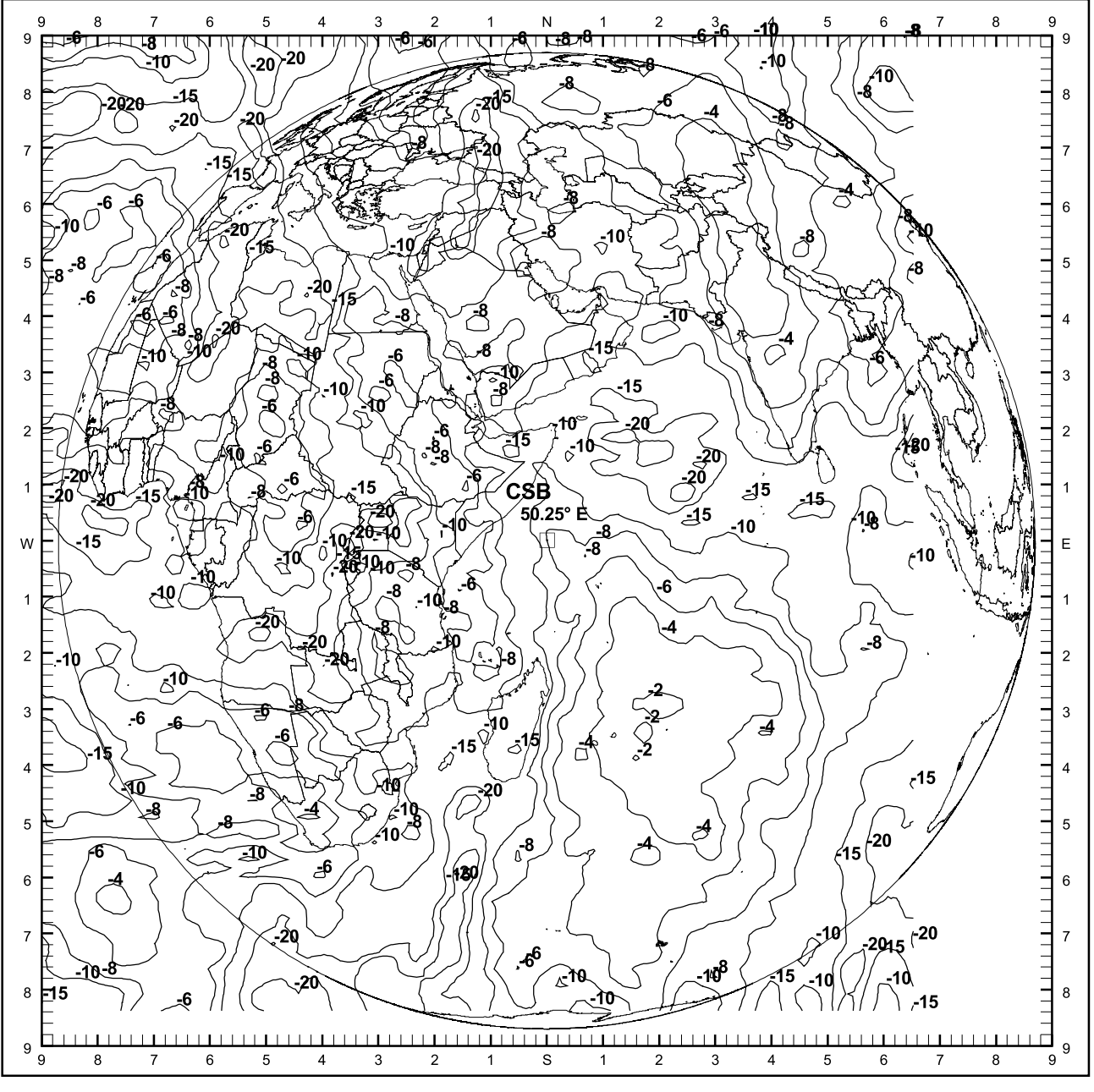
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
GA	:	0.00°E 0.50°N
Peak Gain (Downlink Co-pol) (See +)		
GA	:	20.4 dBi
Beam Peak EIRP		
GA	:	34.1 dBW
Contour Levels		
GA	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
GA	:	4095
Polarization		
GA	:	Circular RHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



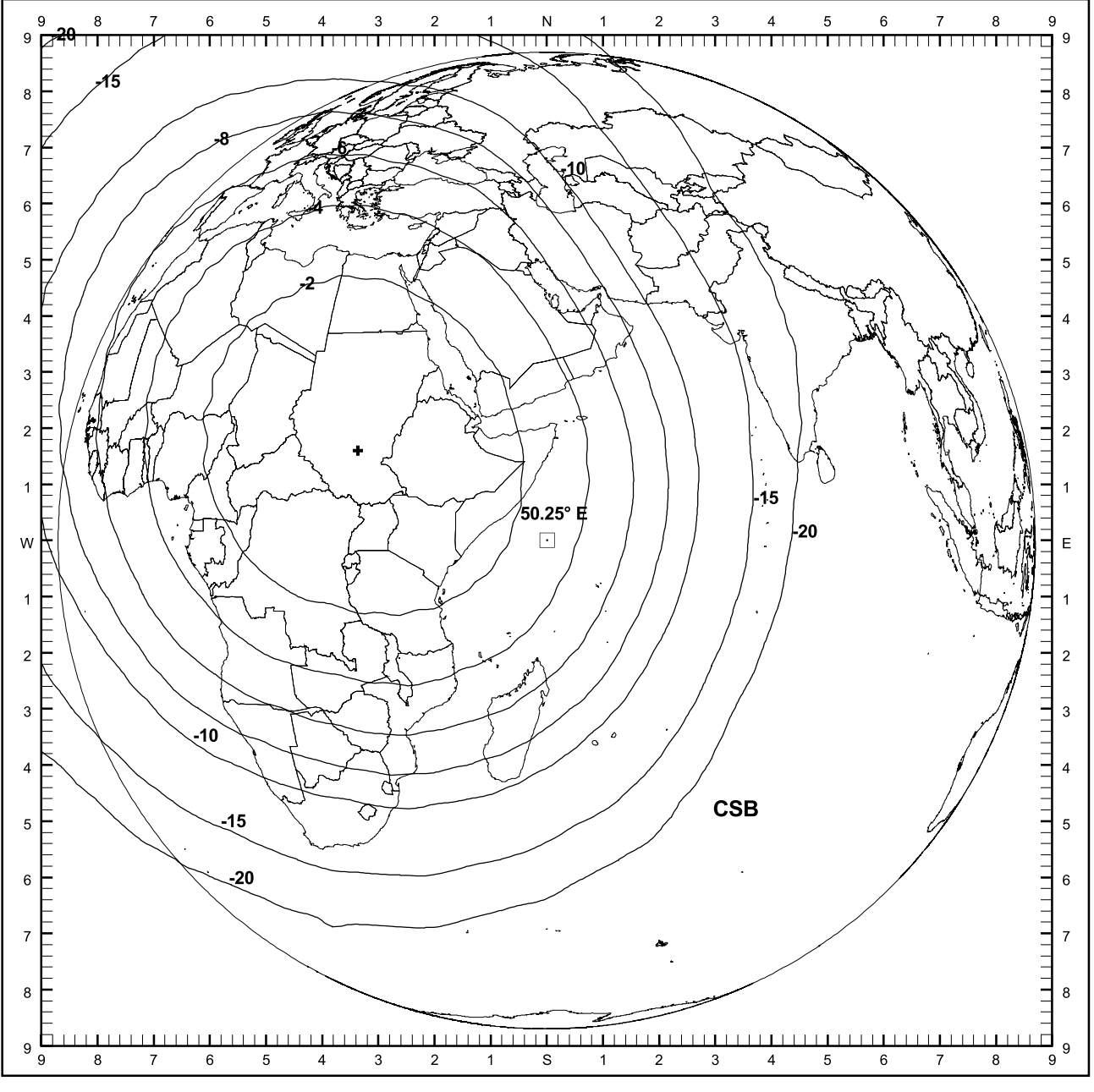
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
CSB	:	3.62°W 1.87°N
Peak Gain (Downlink X-pol) (See +)		
CSB	:	0.6 dBi
Contour Levels		
CSB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
CSB	:	4095
Polarization		
CSB	:	Circular RHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



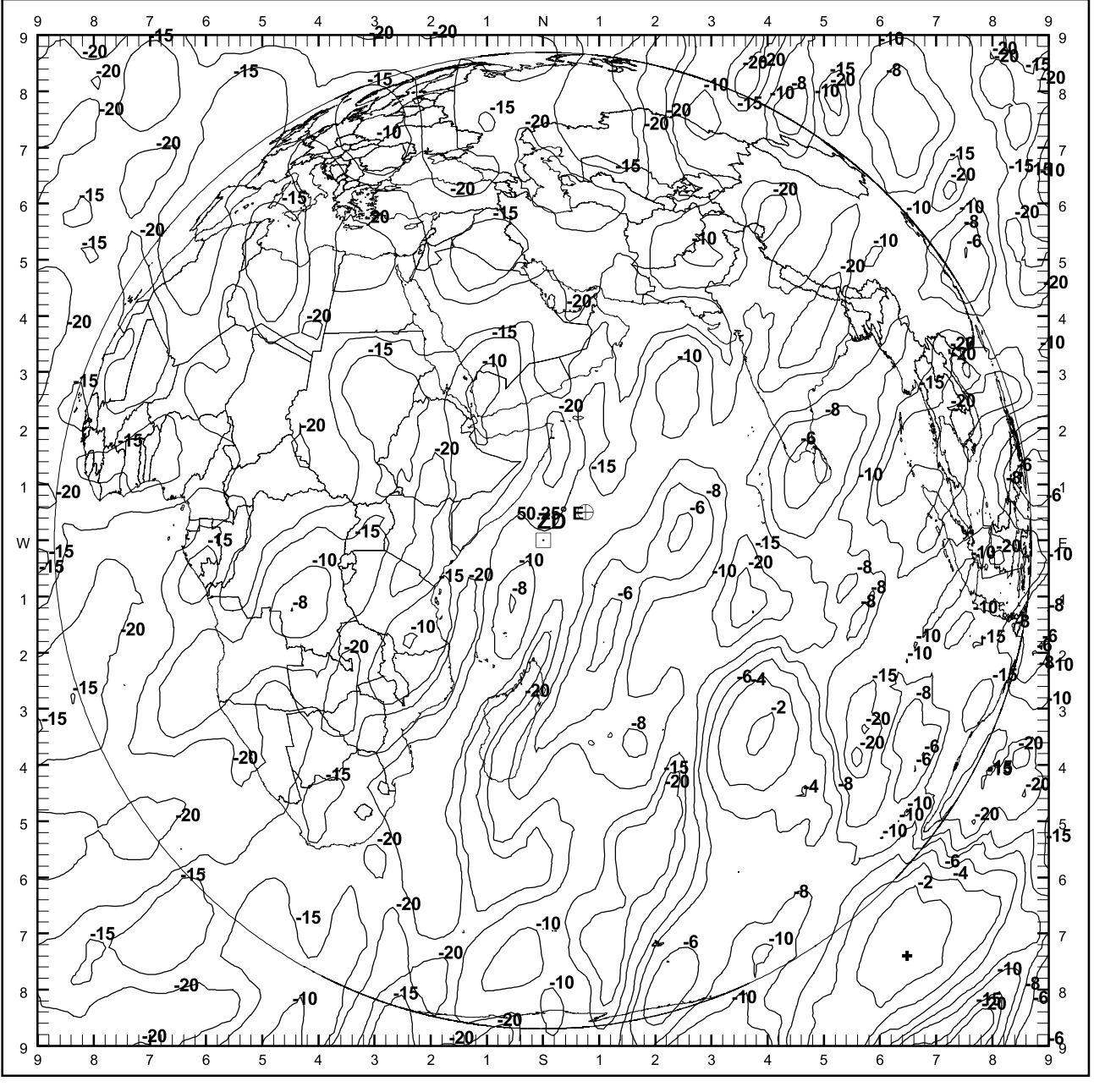
Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Antenna Pointing		
CSB	:	3.62°W 1.87°N
Peak Gain (Downlink Co-pol) (See +)		
CSB	:	27.5 dBi
Beam Peak EIRP		
CSB	:	40.5 dBW
Contour Levels		
CSB	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
CSB	:	4095
Polarization		
CSB	:	Circular LHCP
Square	:	Sub-Satellite Point

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr



Intelsat.

INTELSAT 706 at 50.25°E Antenna Coverage

S/C Platform Bias	:	0.75°E 0.50°N
YAW	:	0.00°
Peak Gain (Downlink X-pol) (See +)		
ZD	:	1.3 dBi
Contour Levels		
ZD	:	-2,-4,-6,-8,-10,-15, -20 dB
Beam Frequencies		
ZD	:	3924
Polarization		
ZD	:	Circular RHCP
Square	:	Sub-Satellite Point
Circle	:	Sat.Ant.Platform Bias

View : Orthographic 50.25° E
Status : INTELSAT APPROVED

Plot Date: 28 July 2004
pc5f12-1\proj18.apr