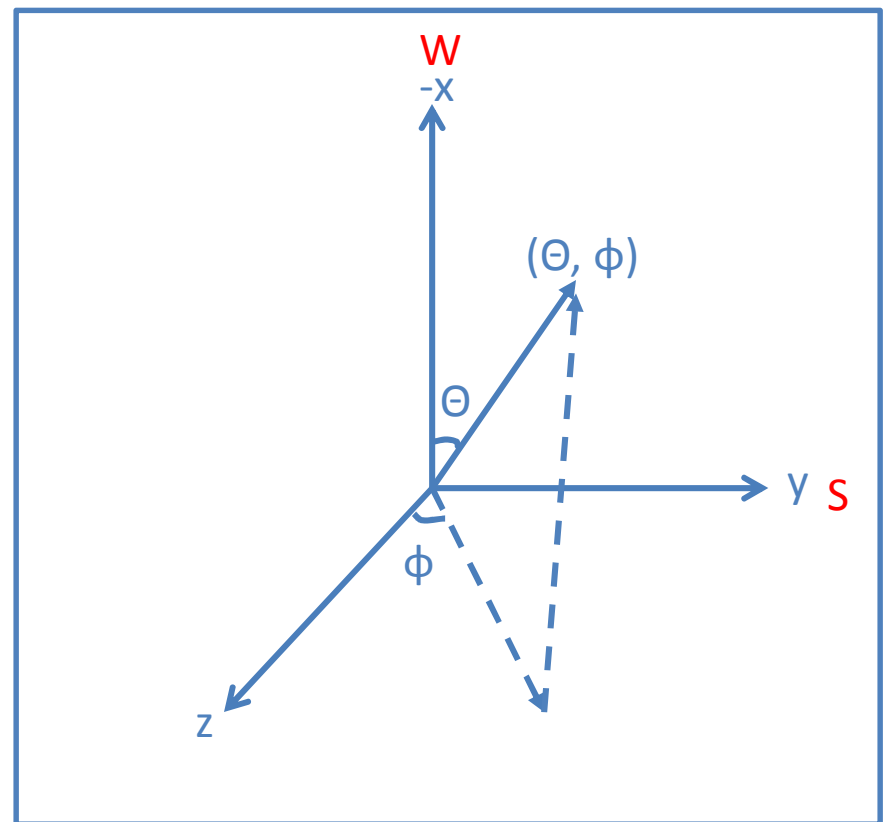
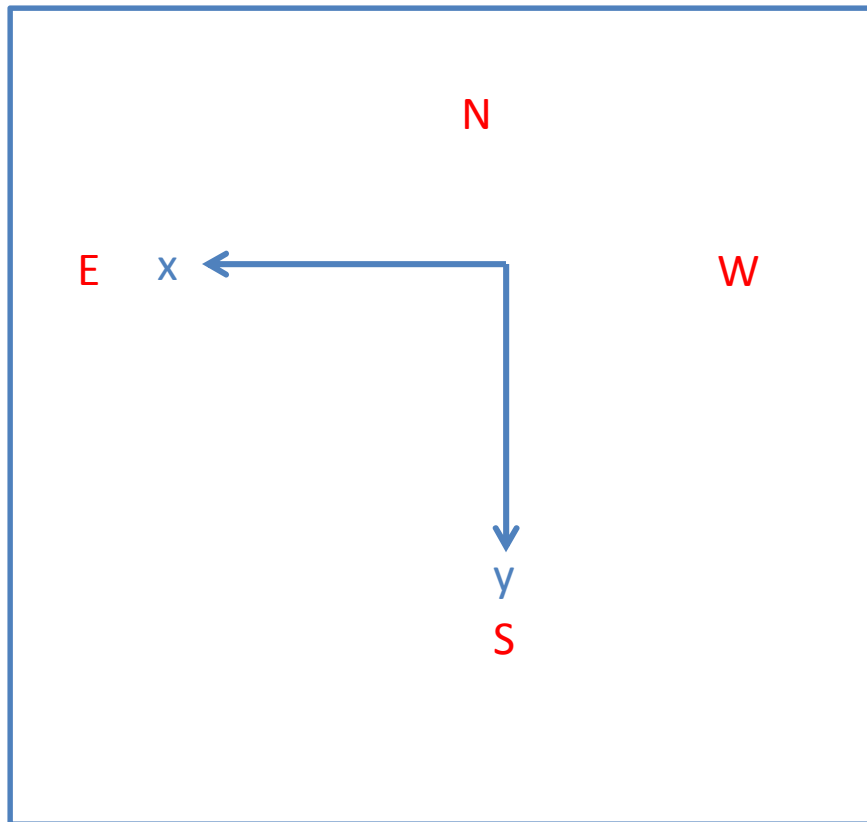


February 7, 2011

115 West Adjacent Satellite Off Axis Antenna Performance Mexico Beam

Maximum Allowable EIRP Meet -117dBW/m²/100KHz	
MEXICAN BEAM	
Maximum EIRP Allowed	
Satellite Location° WL	115
Nearest DBS Satellite Location° WL	118.8
Closest Spacing (w/Station Keeping @+/-0.05)	3.7
Spec Max flux density, -117 dBW/m ² /100 kHz	-117
Desired channel bandwidth, MHz	24
Symbol rate band width modification factor	1
Effective channel bandwidth, MHz	24
Effective bandwidth, dB-100 kHz	23.8
Flux density allowed per channel, dBW/m ²	-93.2
R, radial distance to GEO, km	42164
Angle of separation between satellites, deg	3.7
Range between satellites, km	2722.8
Spreading factor, dB/ m ²	-139.7
Atmospheric loss, dB	0
Max Gain @ 3.7 degs separation, dB	26.4
Max satellite EIRP allowed, dBW	46.4

Coordinate System



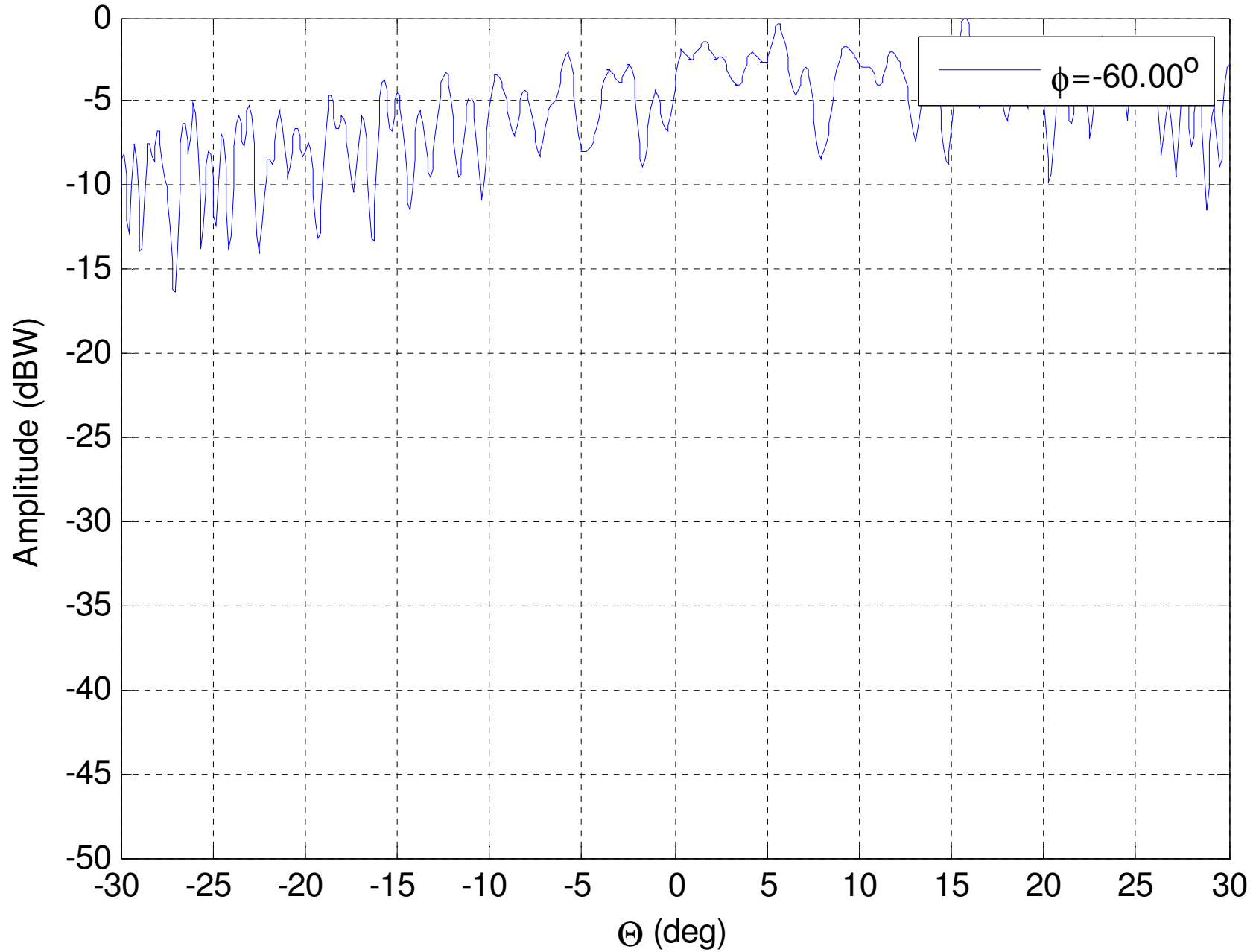
Mexican Beam, -X Axis Plots

- Both polarizations; RHCP, LHCP
- $-30^\circ < \Theta < 30^\circ$ ($\Theta=0$: -X-axis)
- $-60^\circ < \Phi < 60^\circ$
- Freq = 17.705, 17.75, and 17.795 GHz
- The Zero reference line is the peak EIRP listed in the title of each chart
- To convert to antenna directivity subtract the 20.0 dBW conversion factor from the amplitude
- All levels are significantly below the required 46.4 dBW EIRP shown on the chart on page 2

RHCP at 17.705 GHz

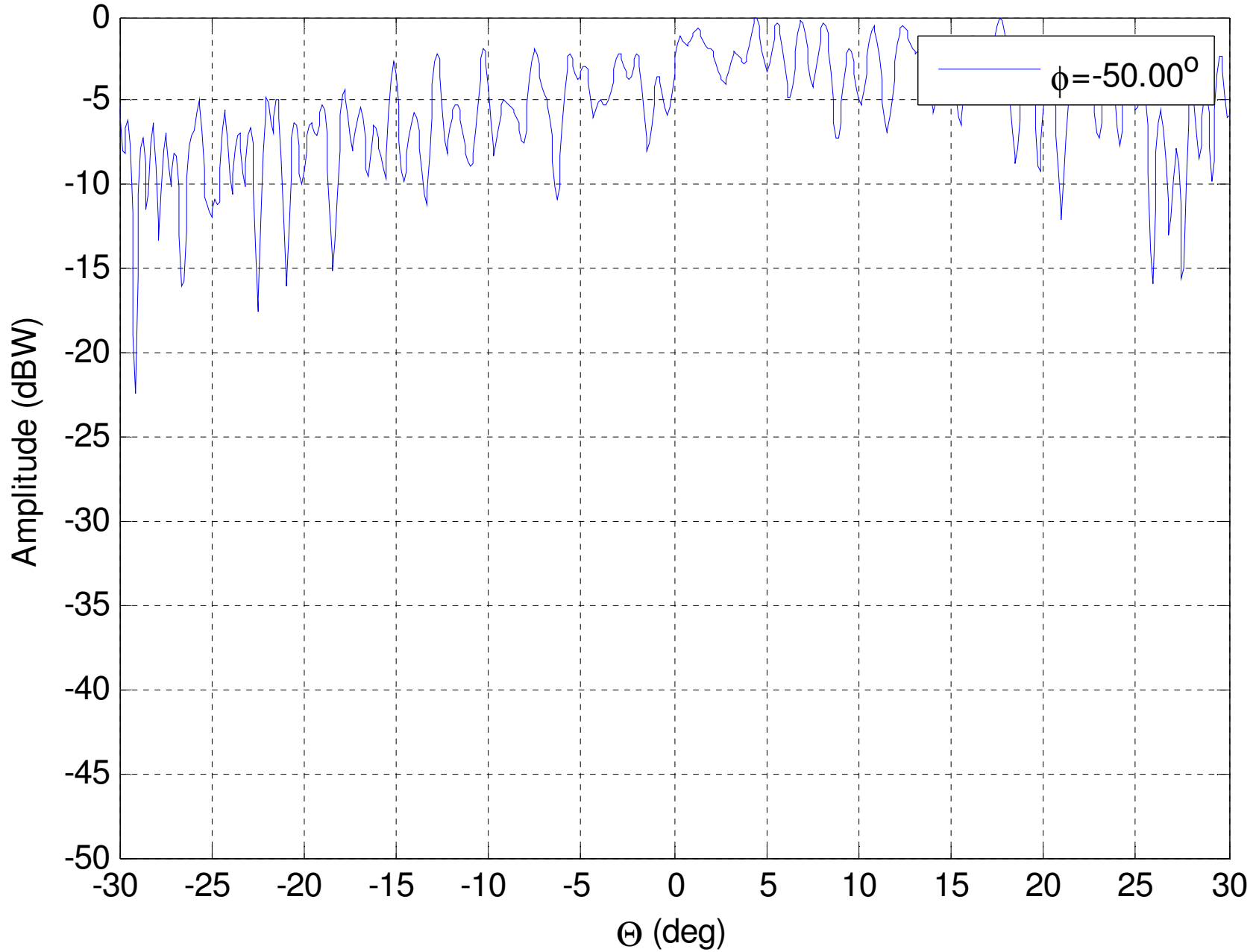
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--60.cut, Peak: -1.35 dBW, Date: 19-Sep-2011



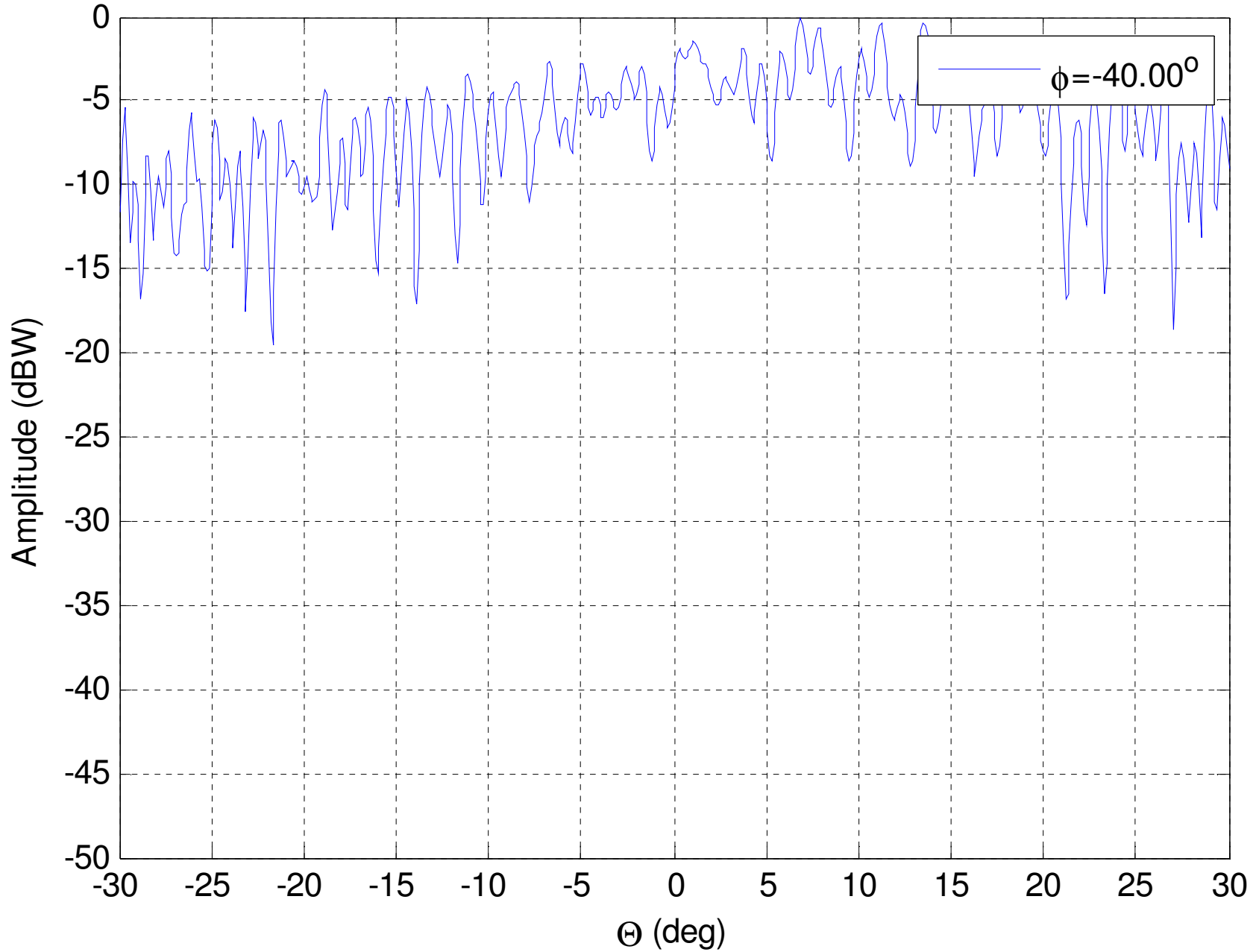
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--50.cut, Peak: -2.16 dBW, Date: 19-Sep-2011



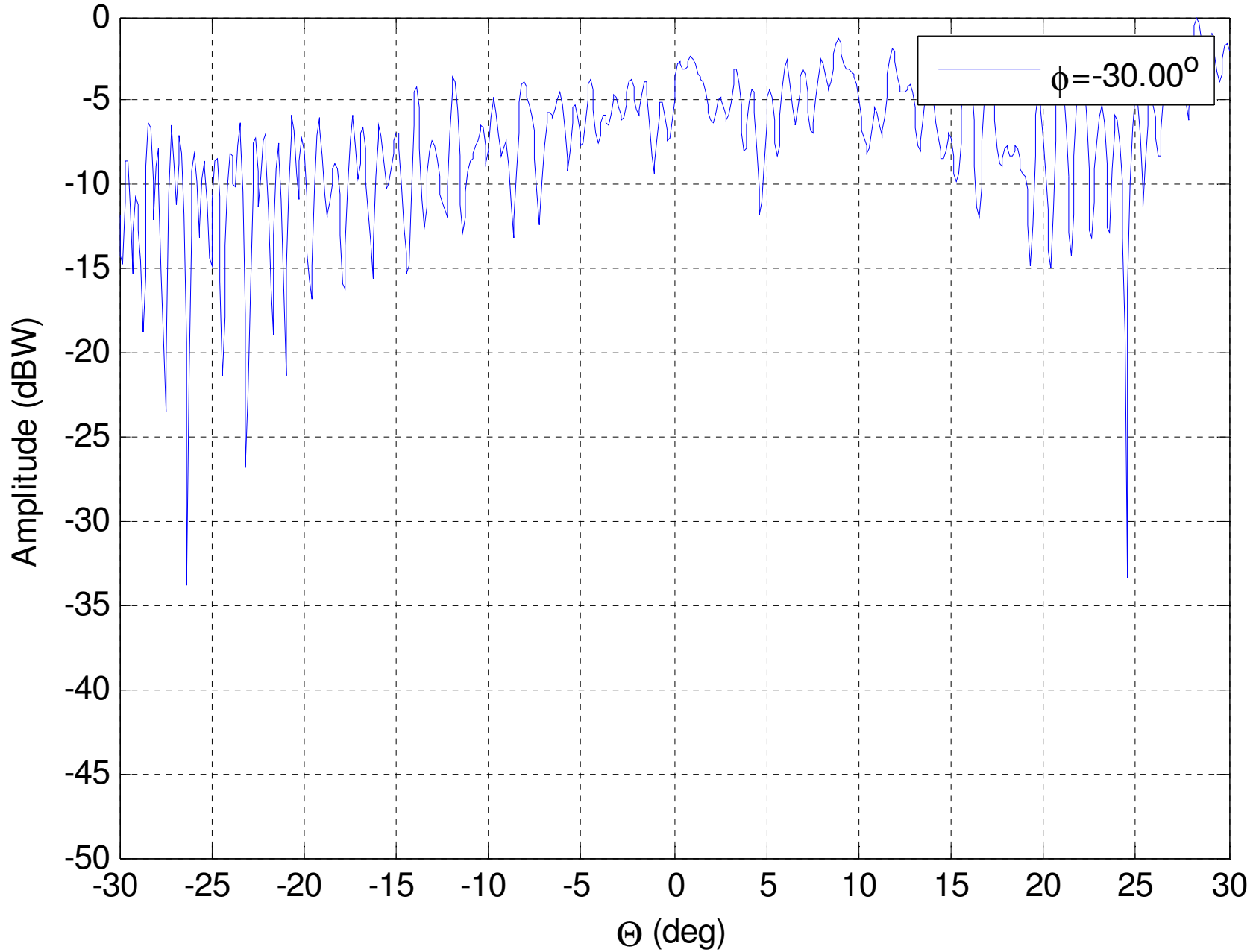
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--40.cut, Peak: -1.41 dBW, Date: 19-Sep-2011



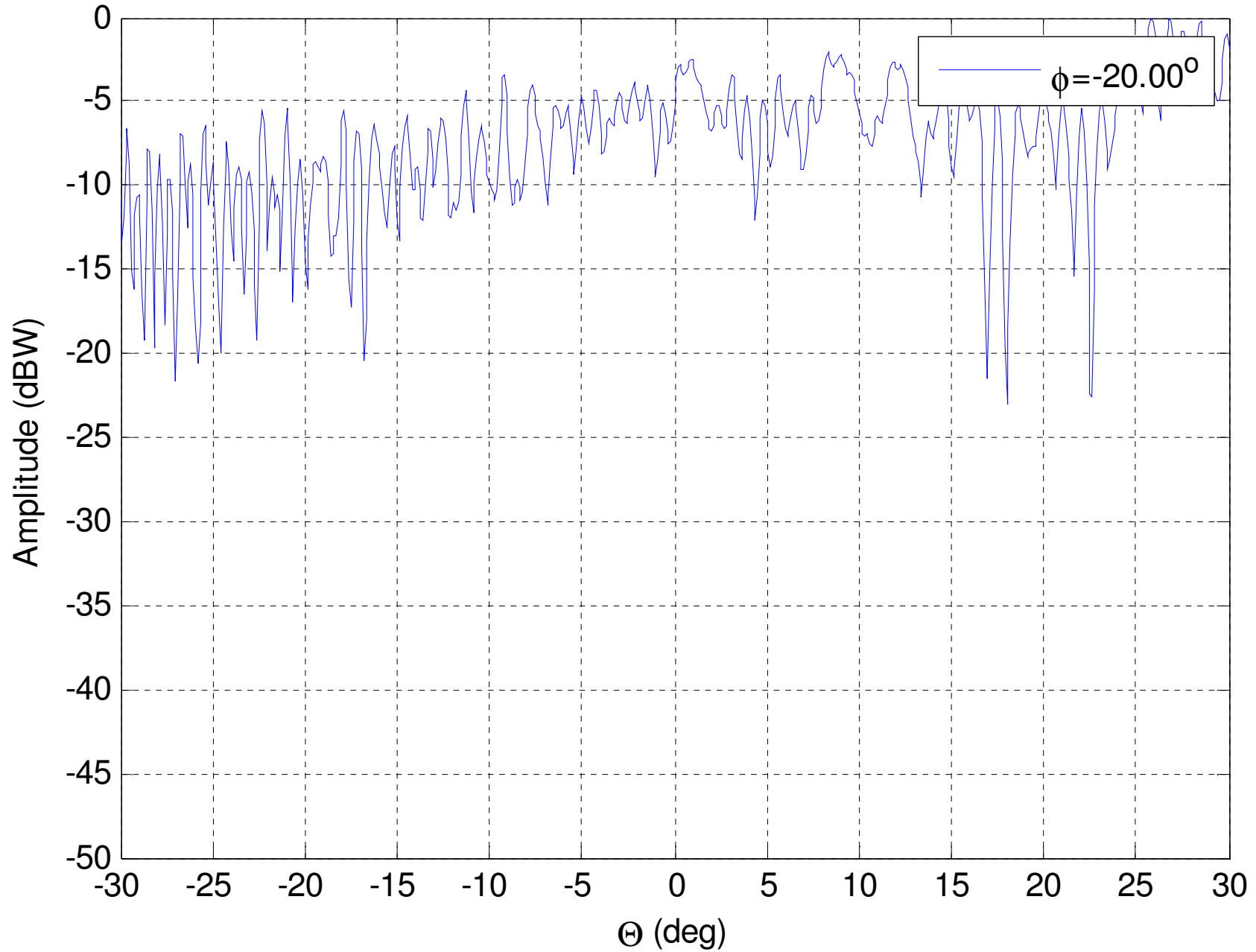
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--30.cut, Peak: -0.67 dBW, Date: 19-Sep-2011



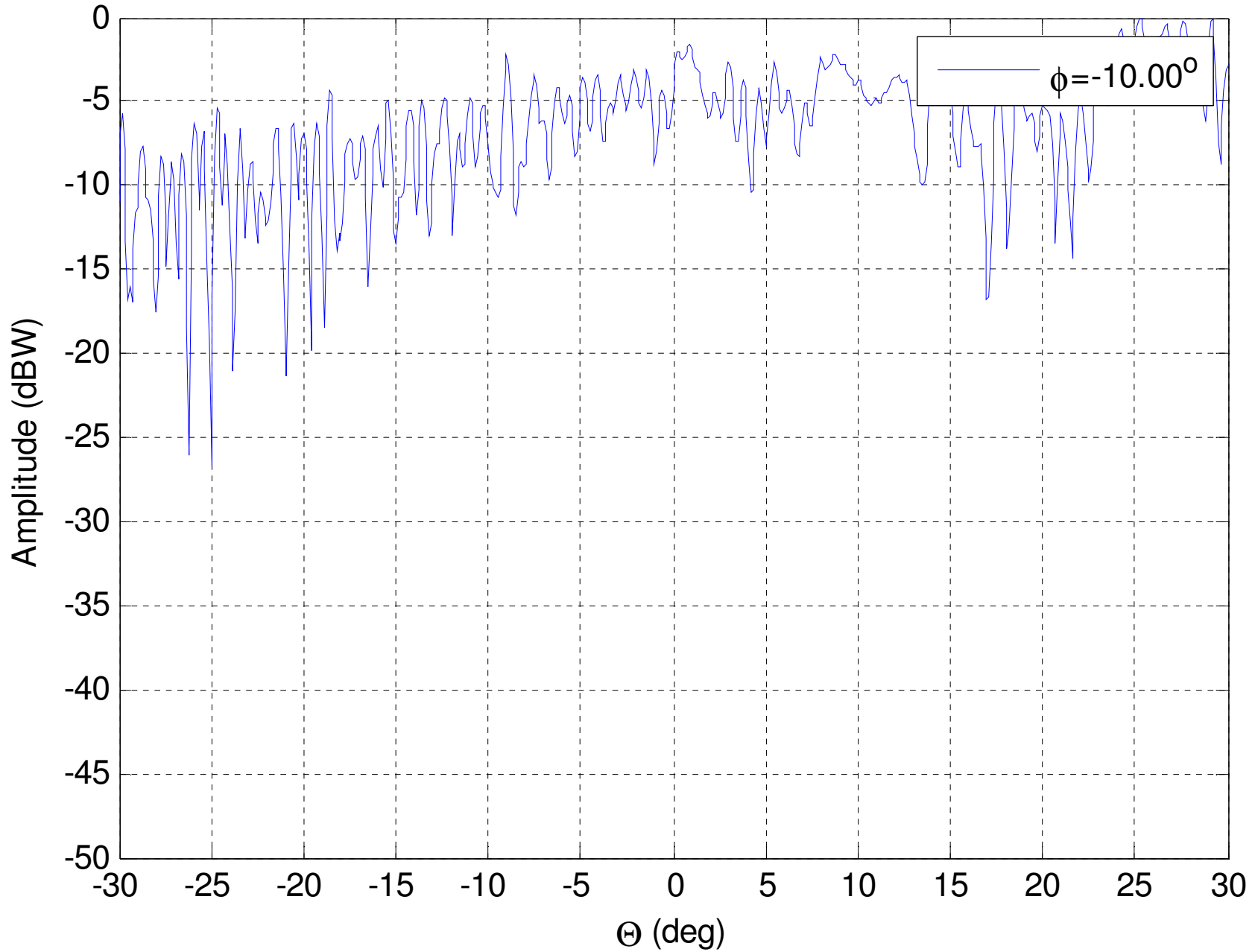
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--20.cut, Peak: -0.49 dBW, Date: 19-Sep-2011



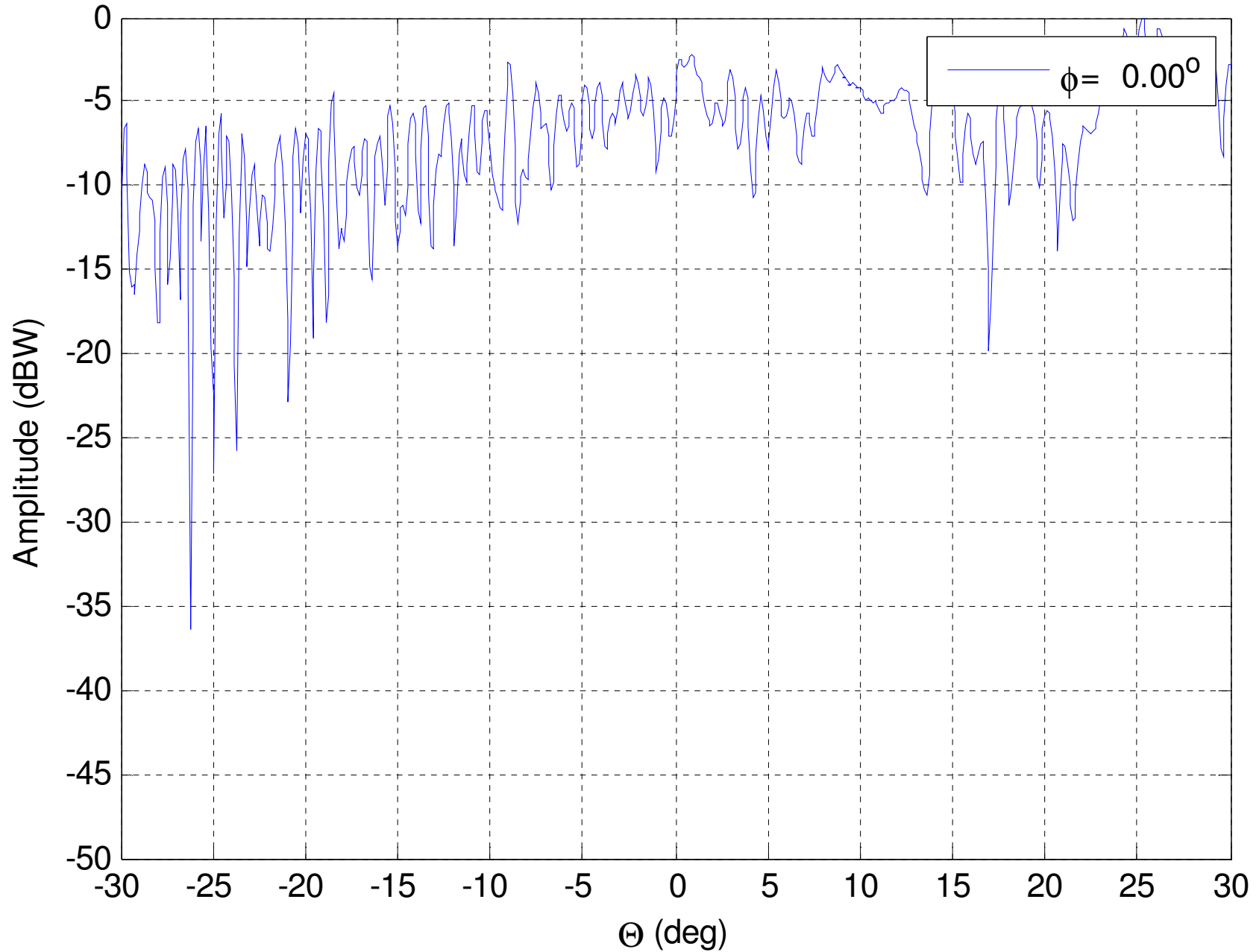
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--10.cut, Peak: -1.34 dBW, Date: 19-Sep-2011



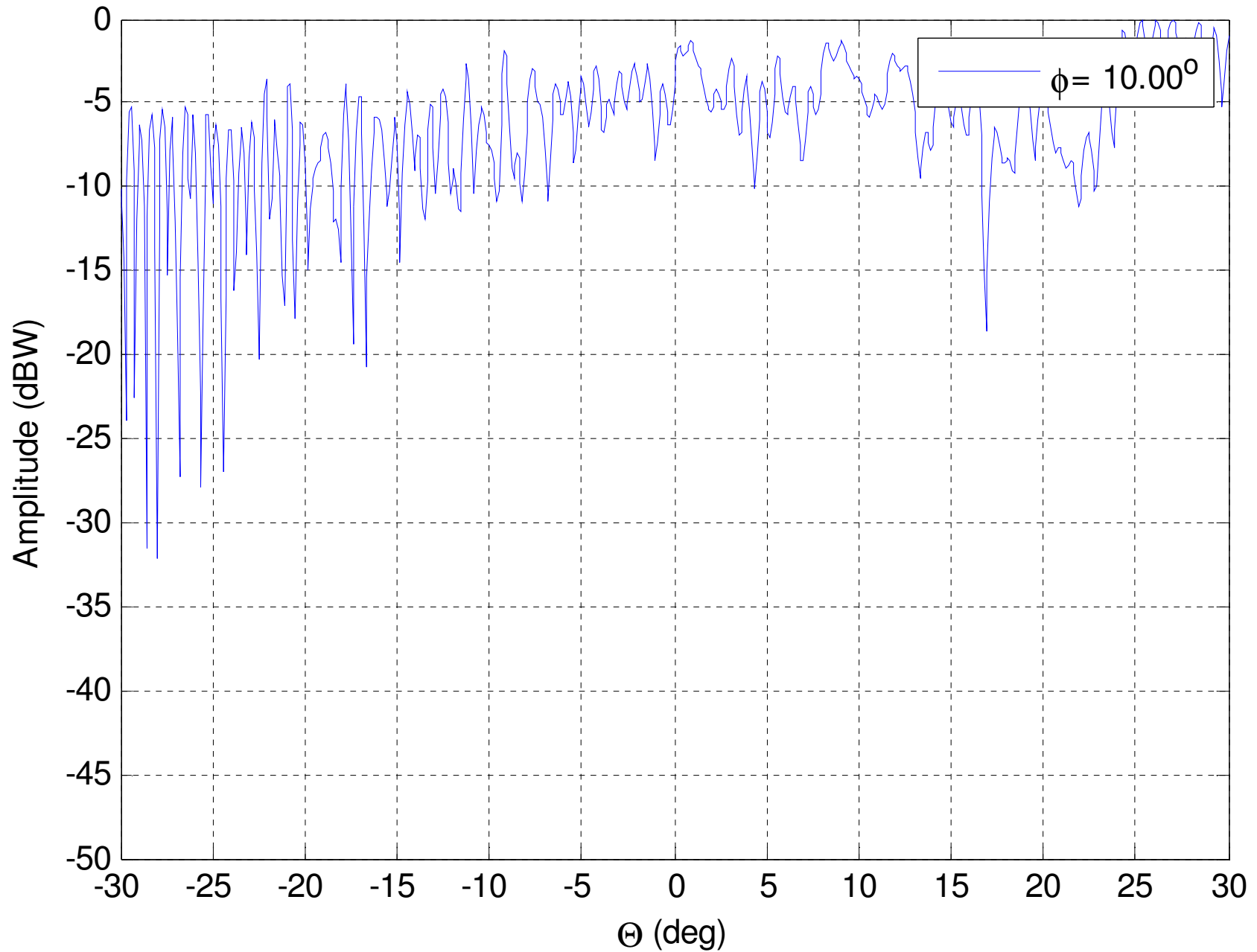
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-0.cut, Peak: -0.86 dBW, Date: 19-Sep-2011



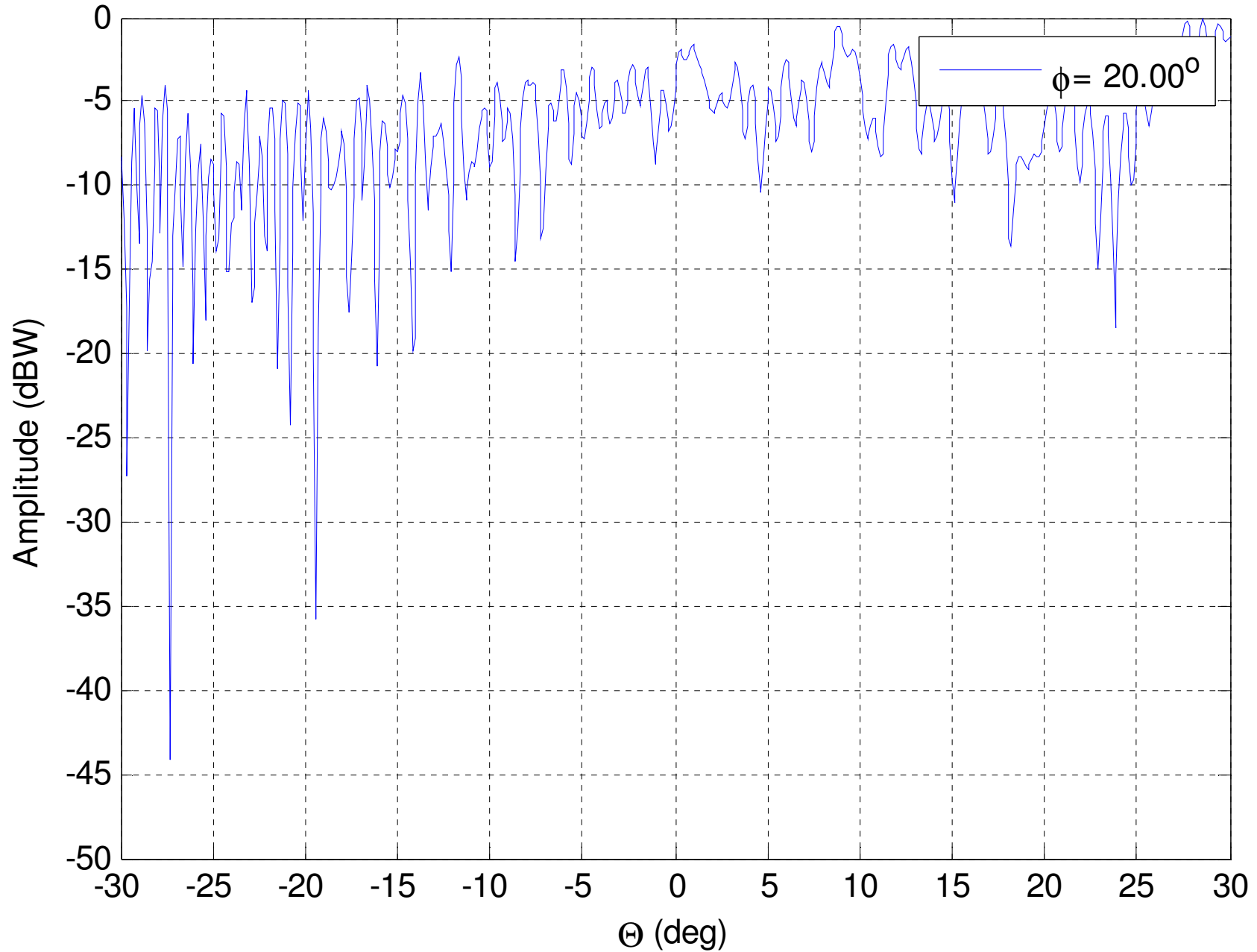
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-10.cut, Peak: -1.67 dBW, Date: 19-Sep-2011



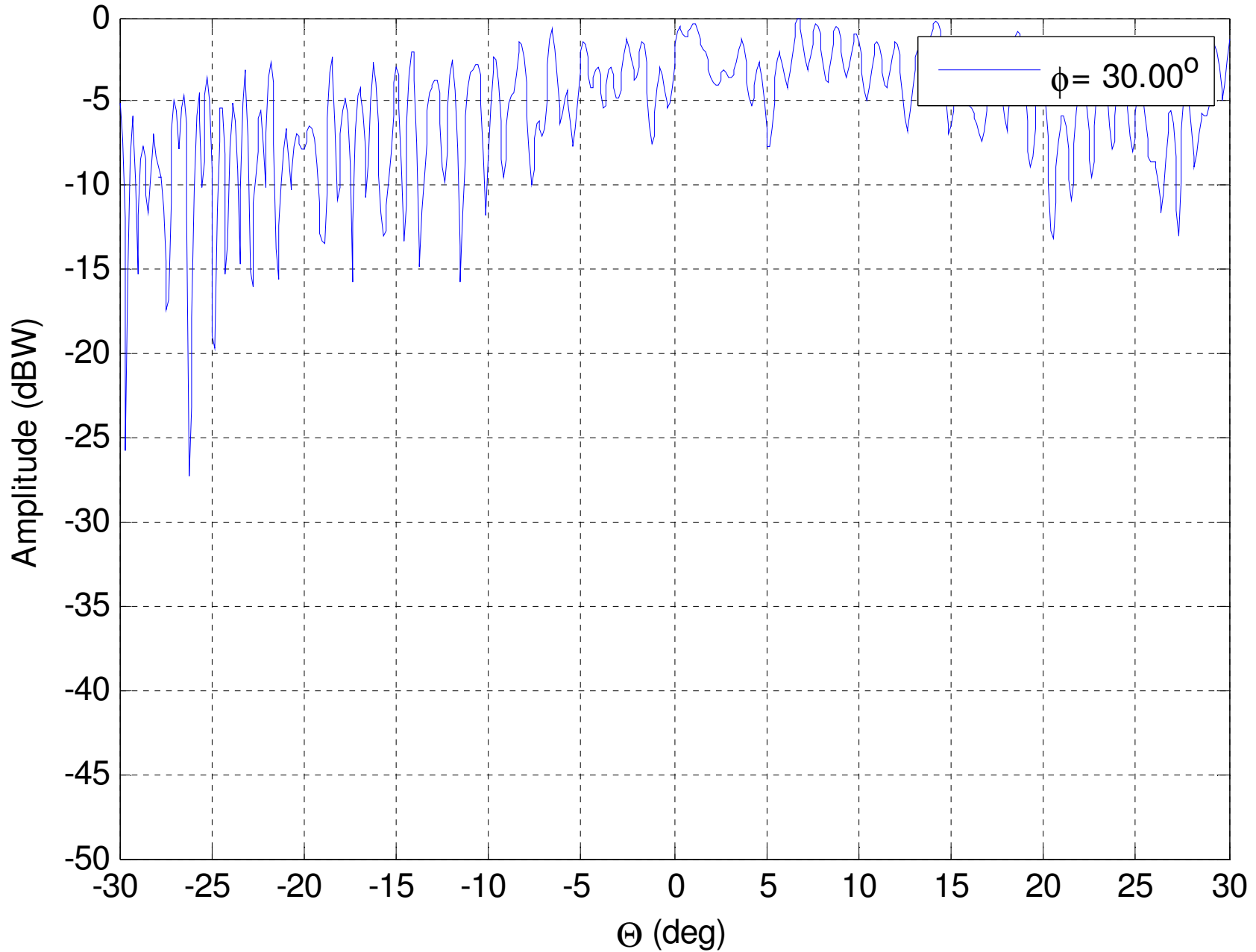
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-20.cut, Peak: -1.35 dBW, Date: 19-Sep-2011



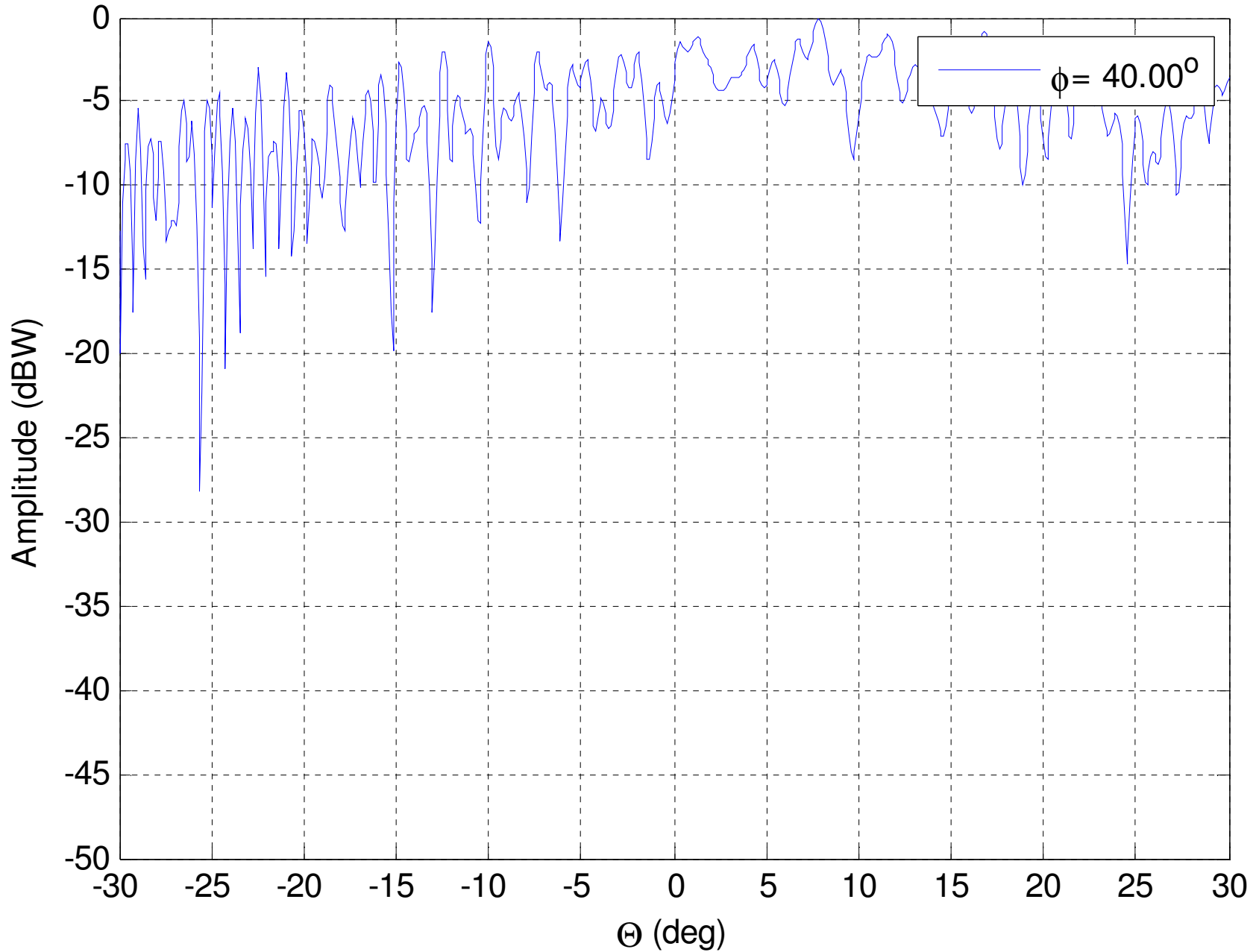
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-30.cut, Peak: -2.68 dBW, Date: 19-Sep-2011



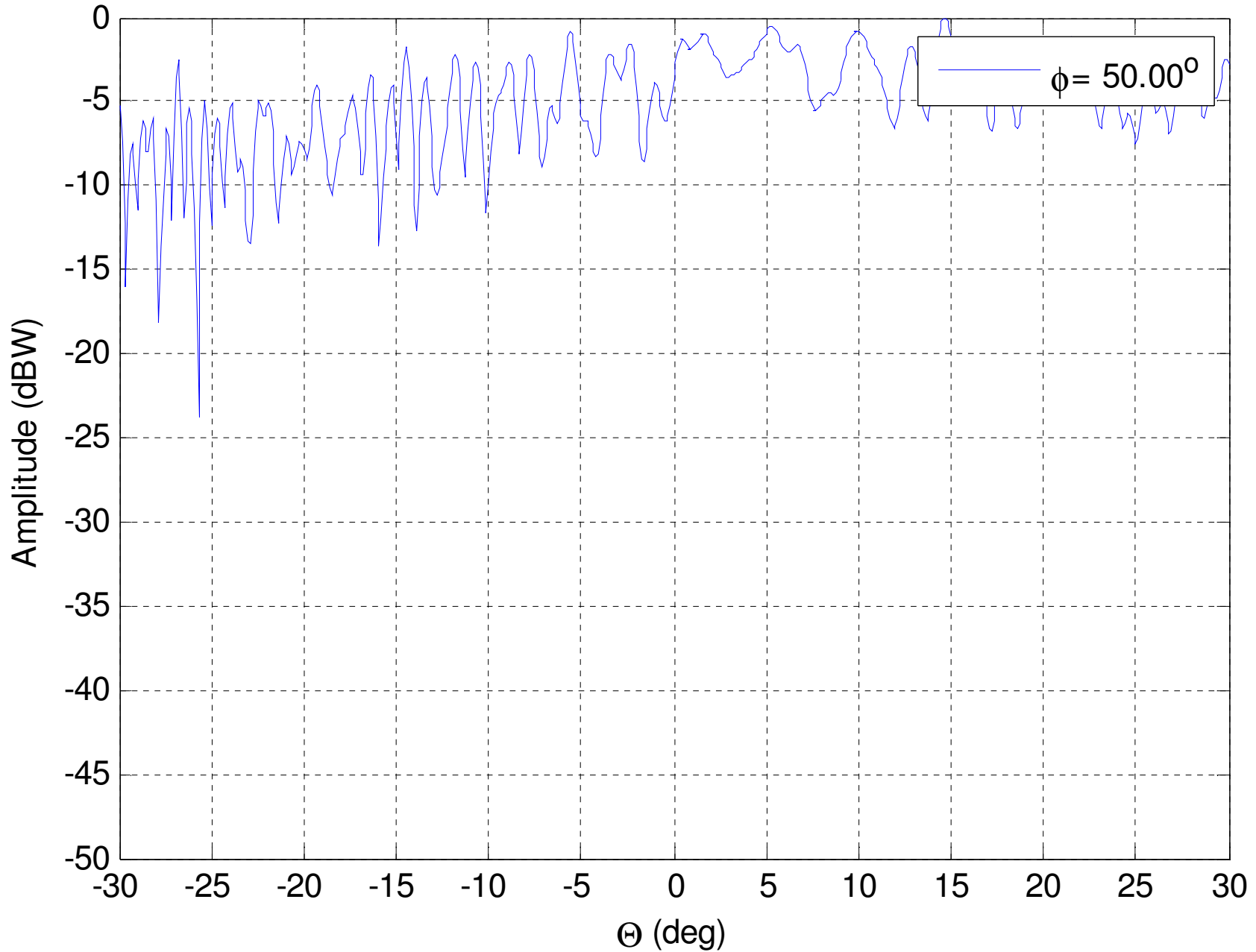
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-40.cut, Peak: -1.80 dBW, Date: 19-Sep-2011



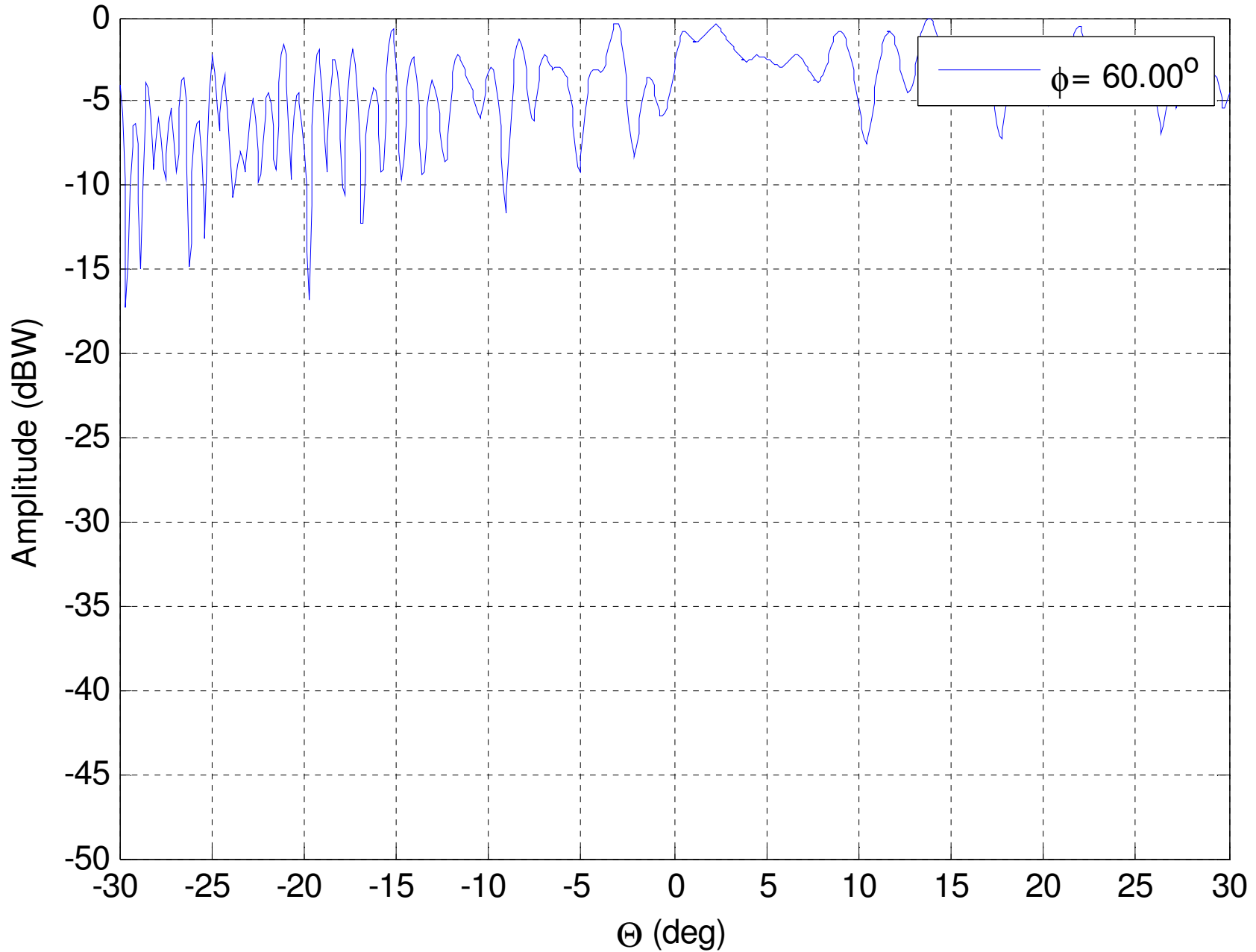
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-50.cut, Peak: -1.96 dBW, Date: 19-Sep-2011



Normalized pattern cuts - farfield

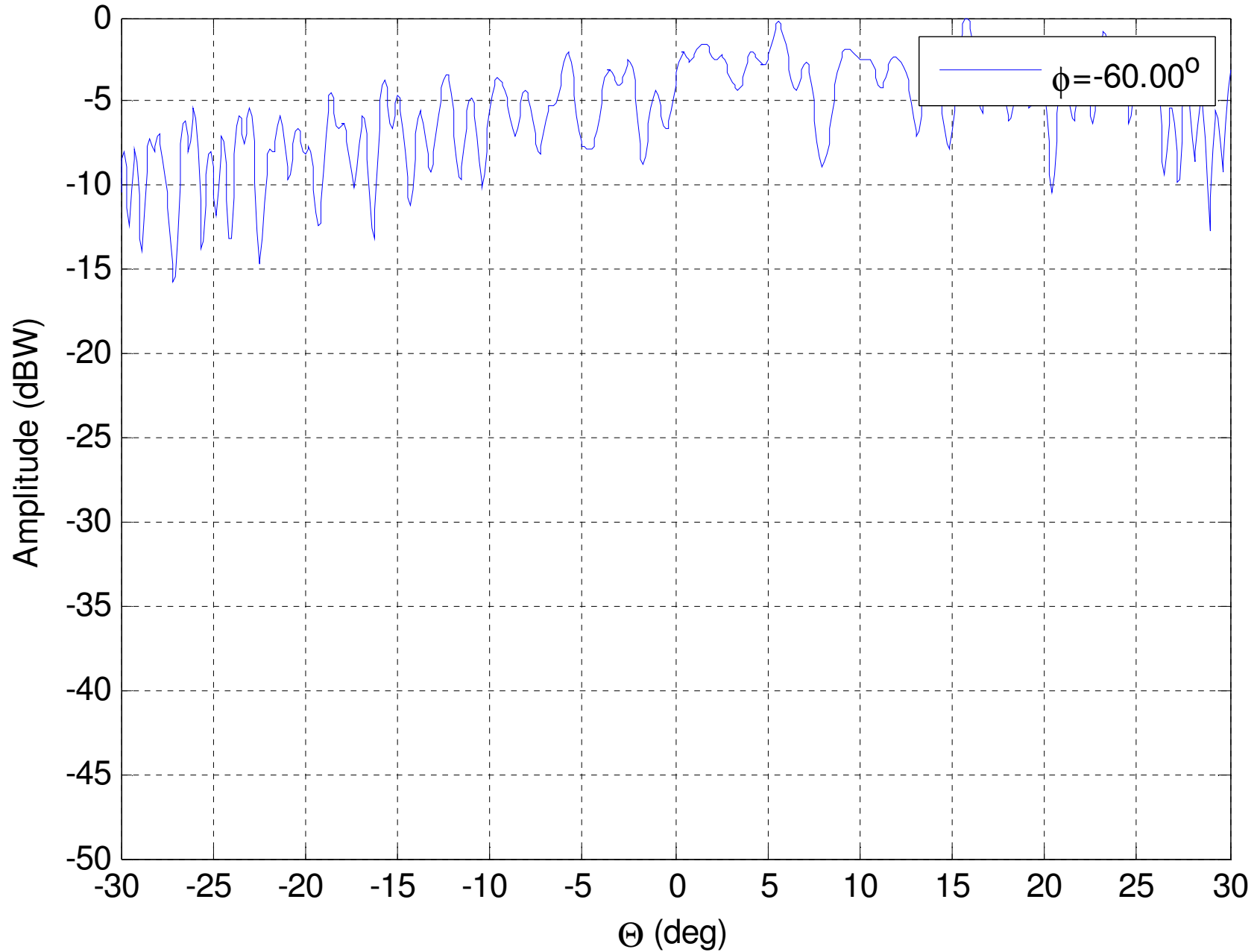
Input file: tx-17.7-rhcp-60.cut, Peak: -2.39 dBW, Date: 19-Sep-2011



LHCP at 17.705 GHz

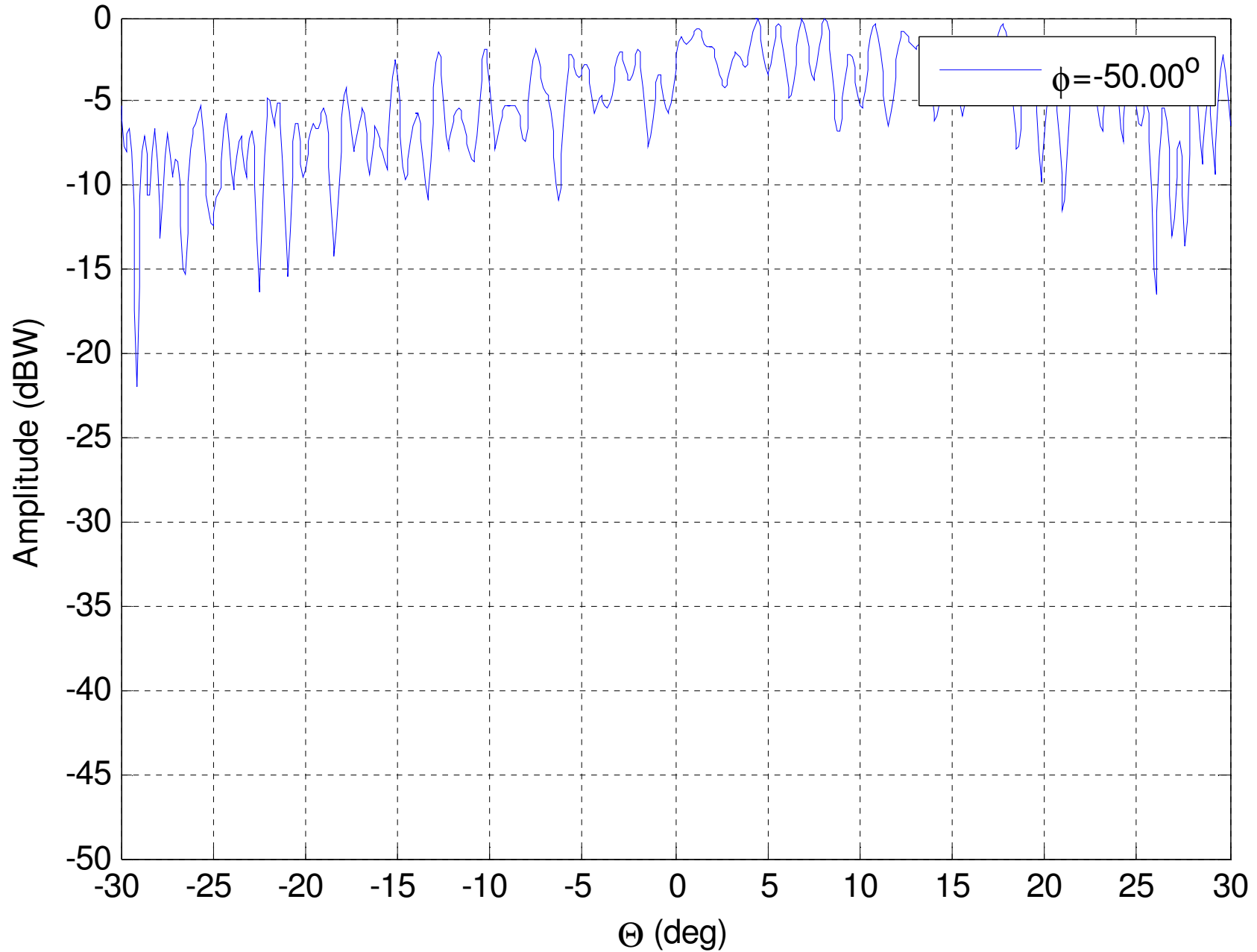
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--60.cut, Peak: -1.38 dBW, Date: 19-Sep-2011



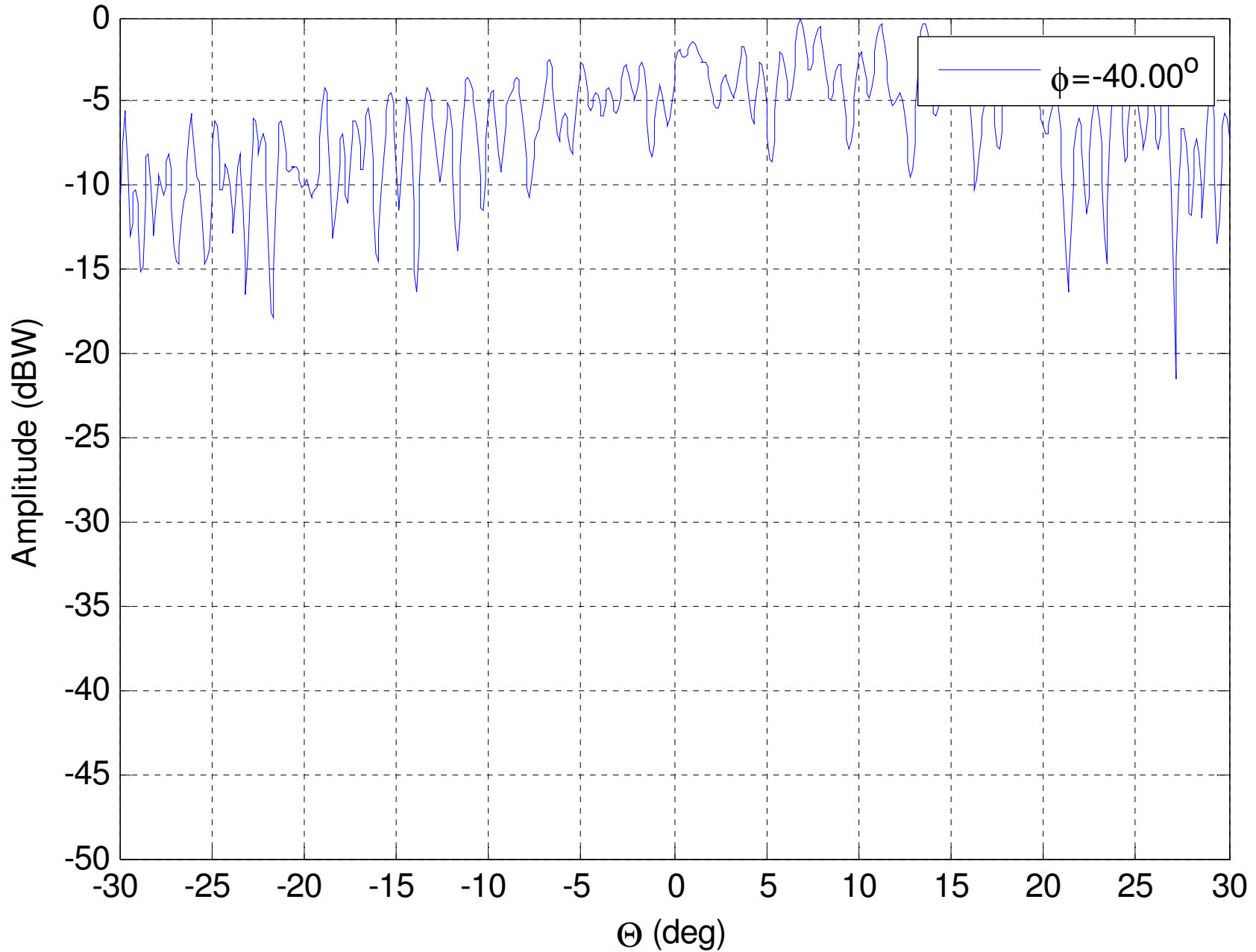
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--50.cut, Peak: -2.27 dBW, Date: 19-Sep-2011



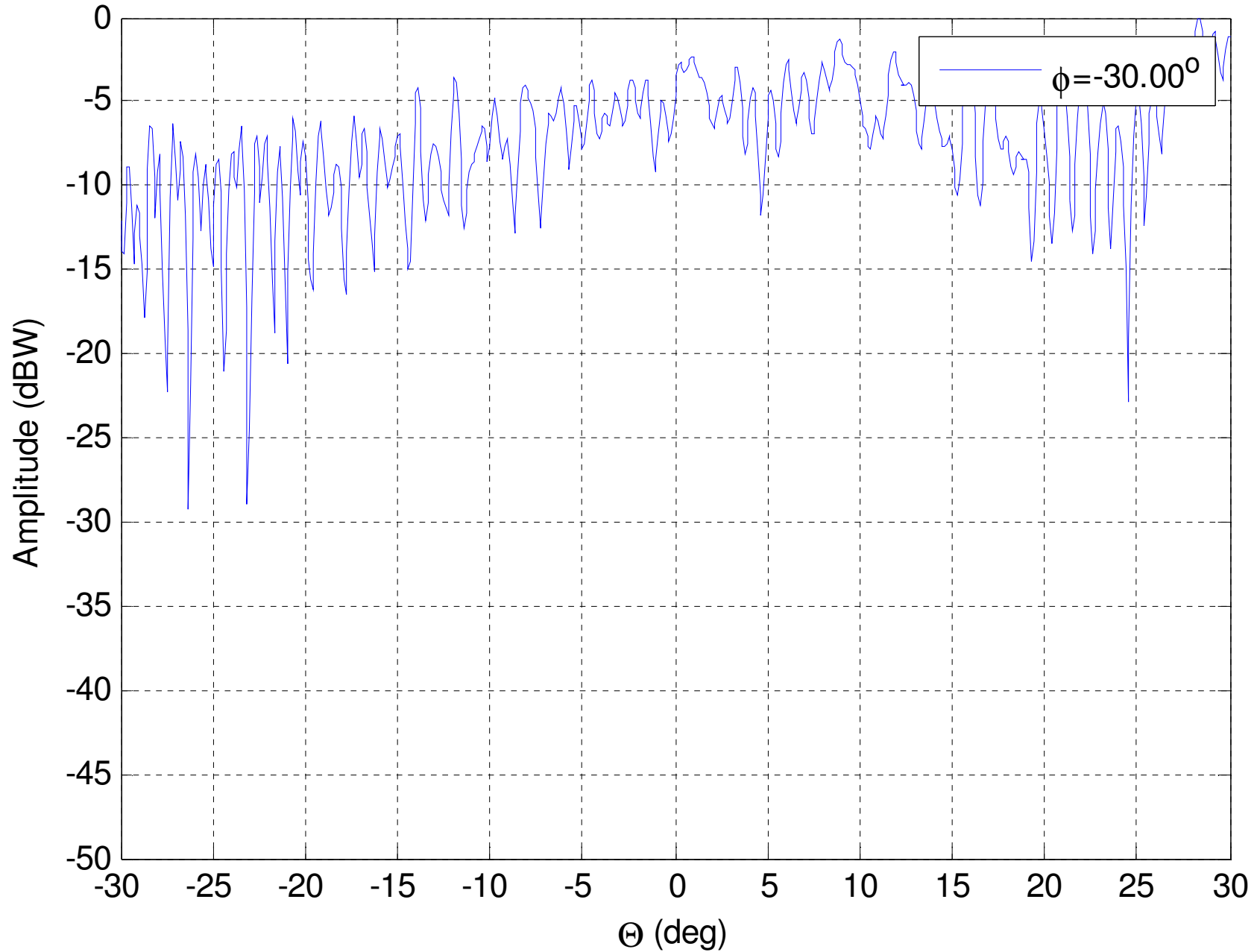
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--40.cut, Peak: -1.57 dBW, Date: 19-Sep-2011



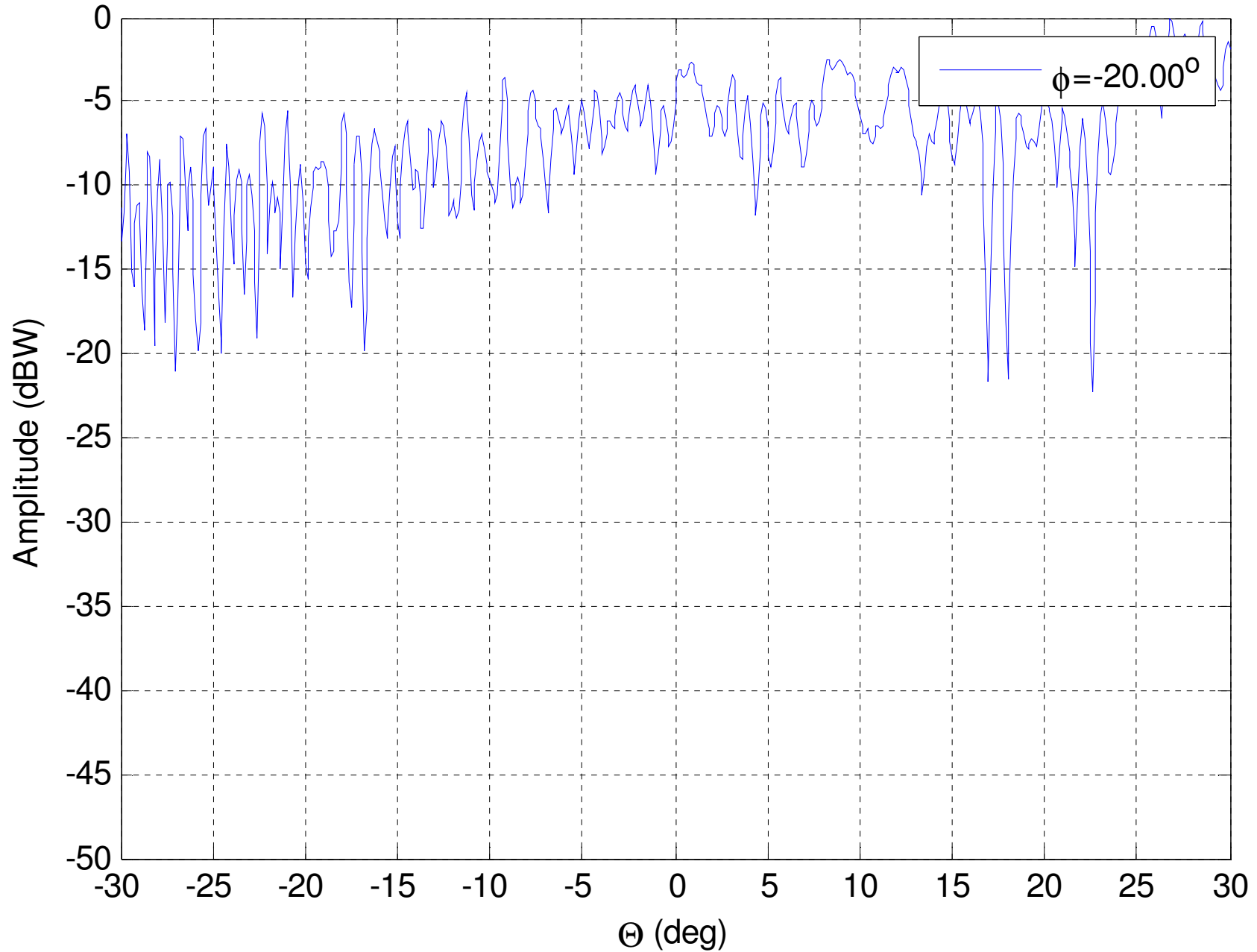
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--30.cut, Peak: -0.72 dBW, Date: 19-Sep-2011



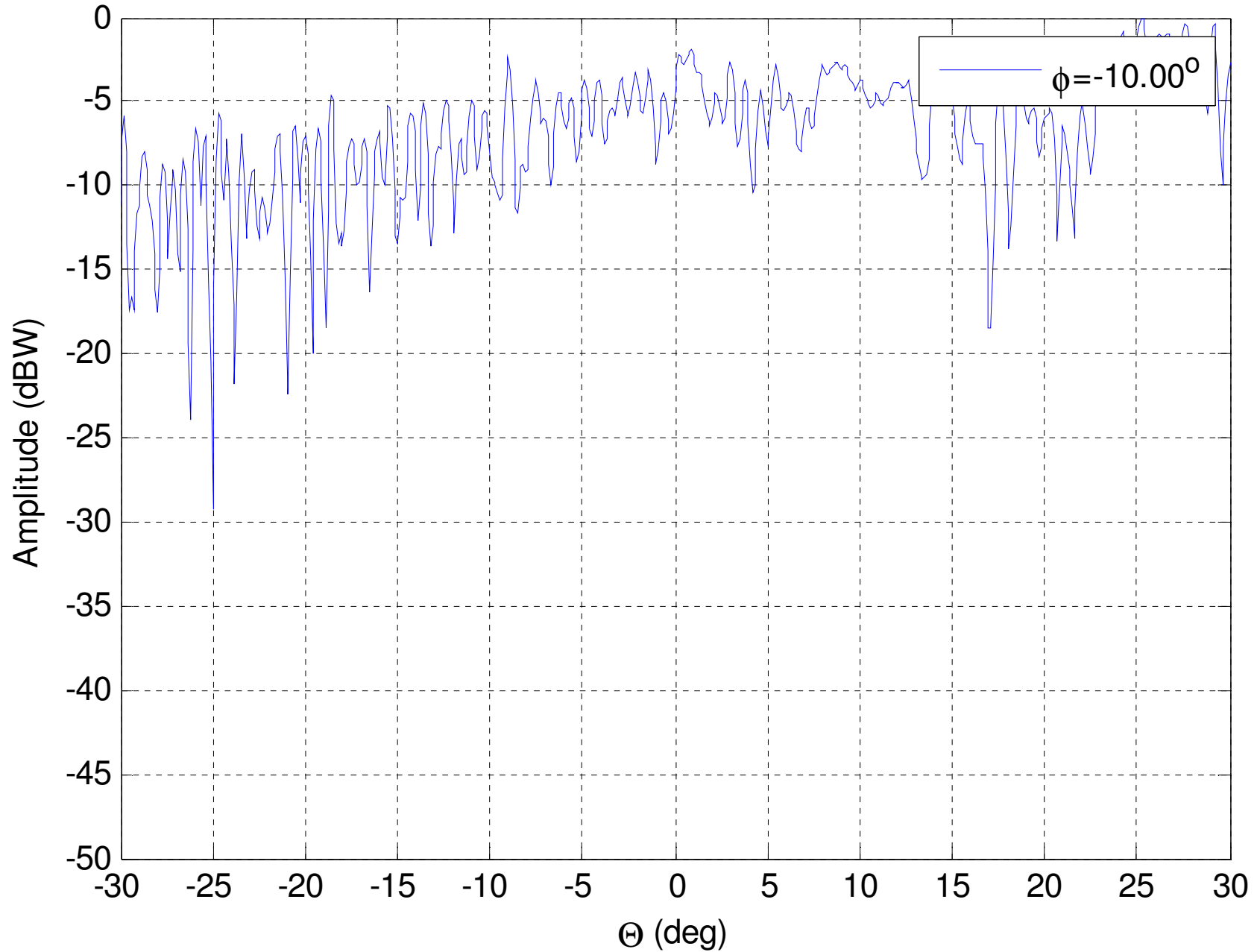
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--20.cut, Peak: -0.36 dBW, Date: 19-Sep-2011



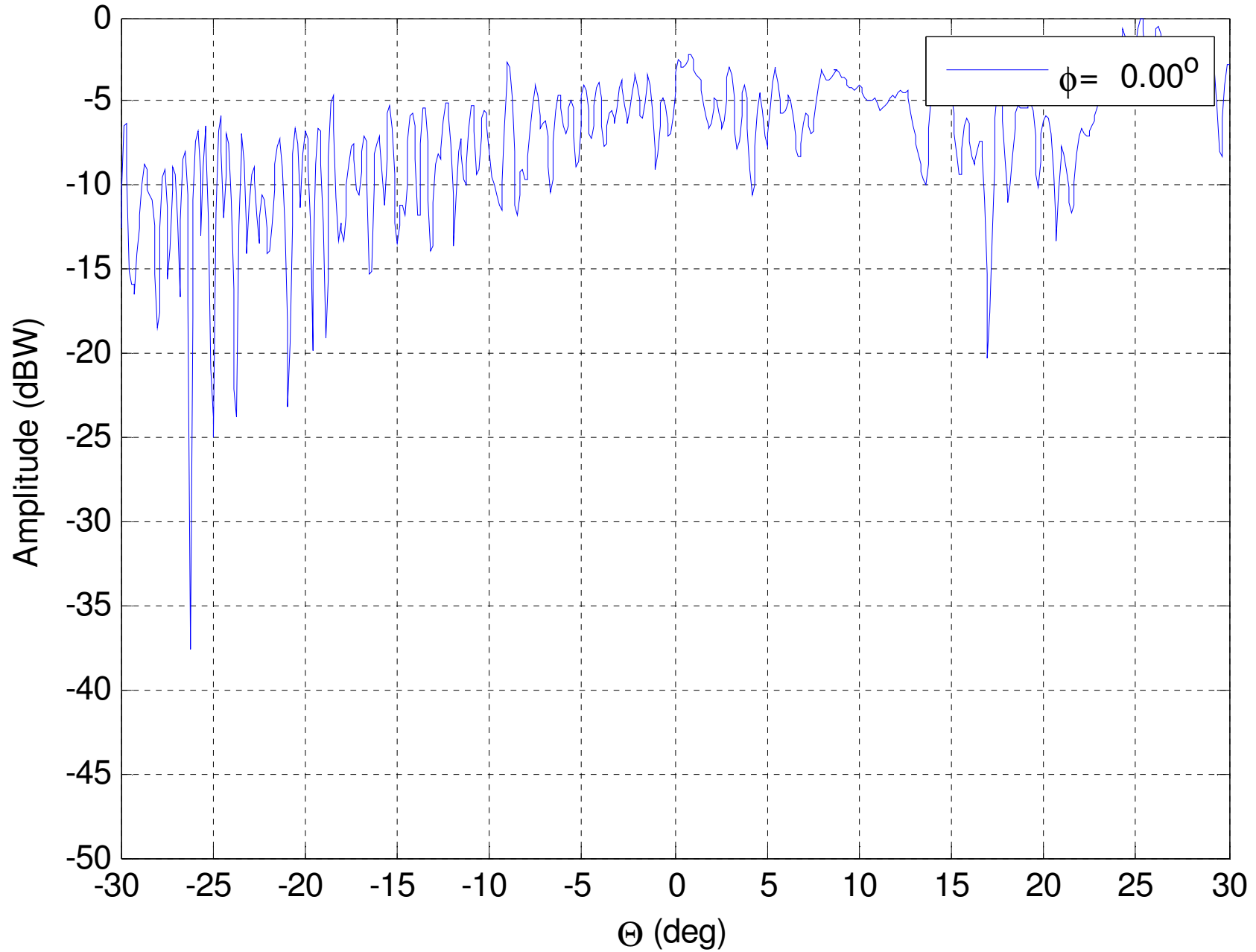
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--10.cut, Peak: -1.16 dBW, Date: 19-Sep-2011



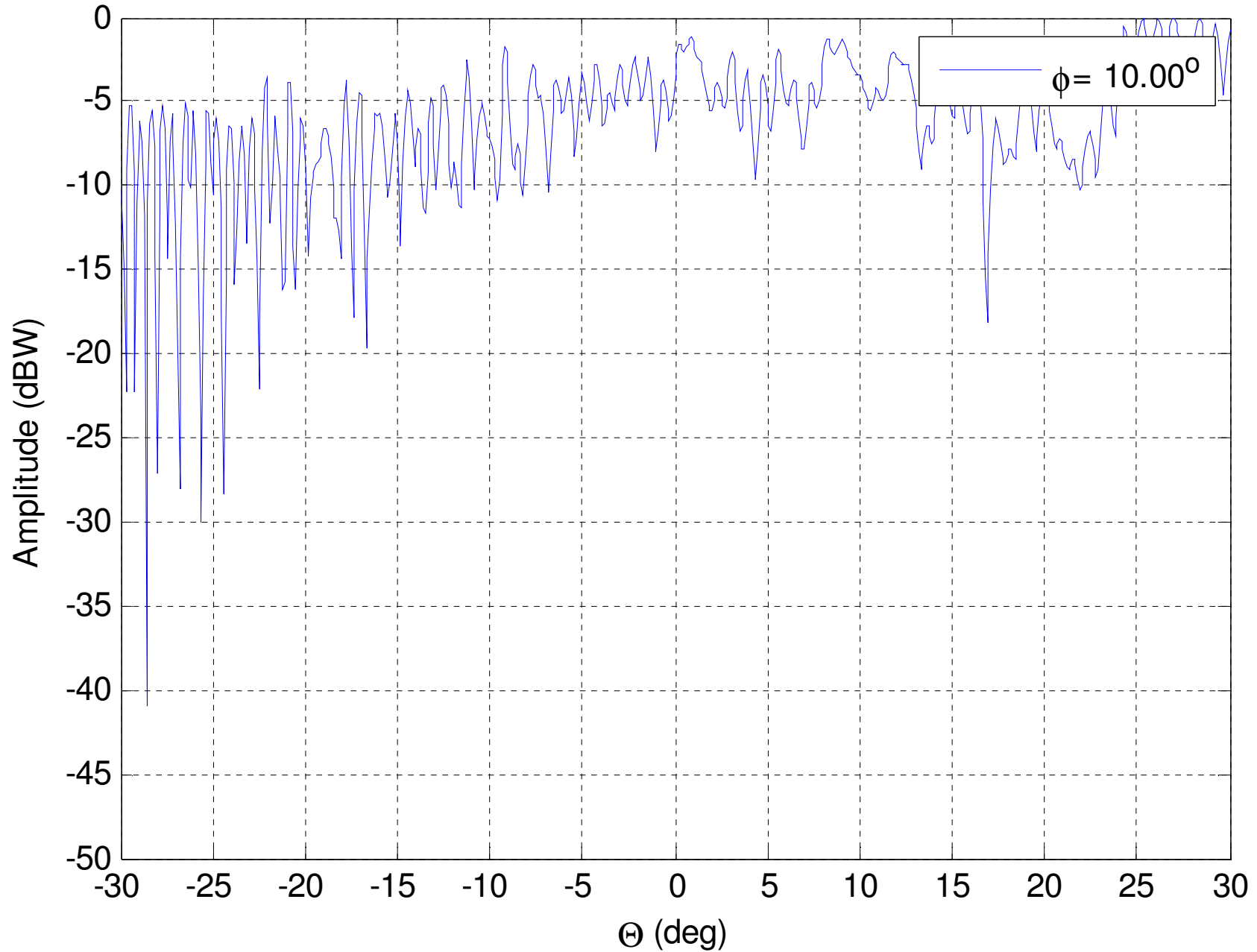
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-0.cut, Peak: -0.89 dBW, Date: 19-Sep-2011



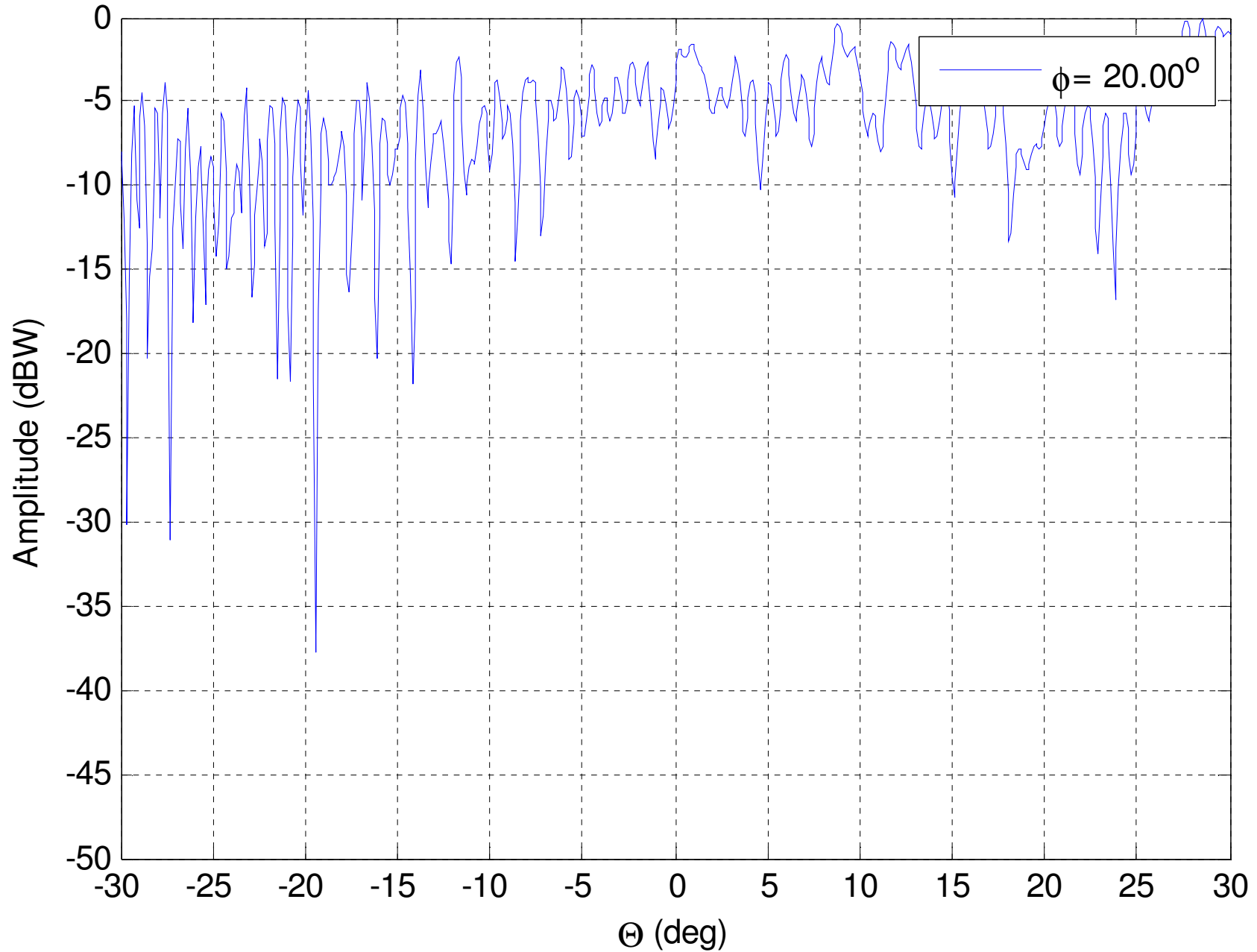
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-10.cut, Peak: -1.90 dBW, Date: 19-Sep-2011



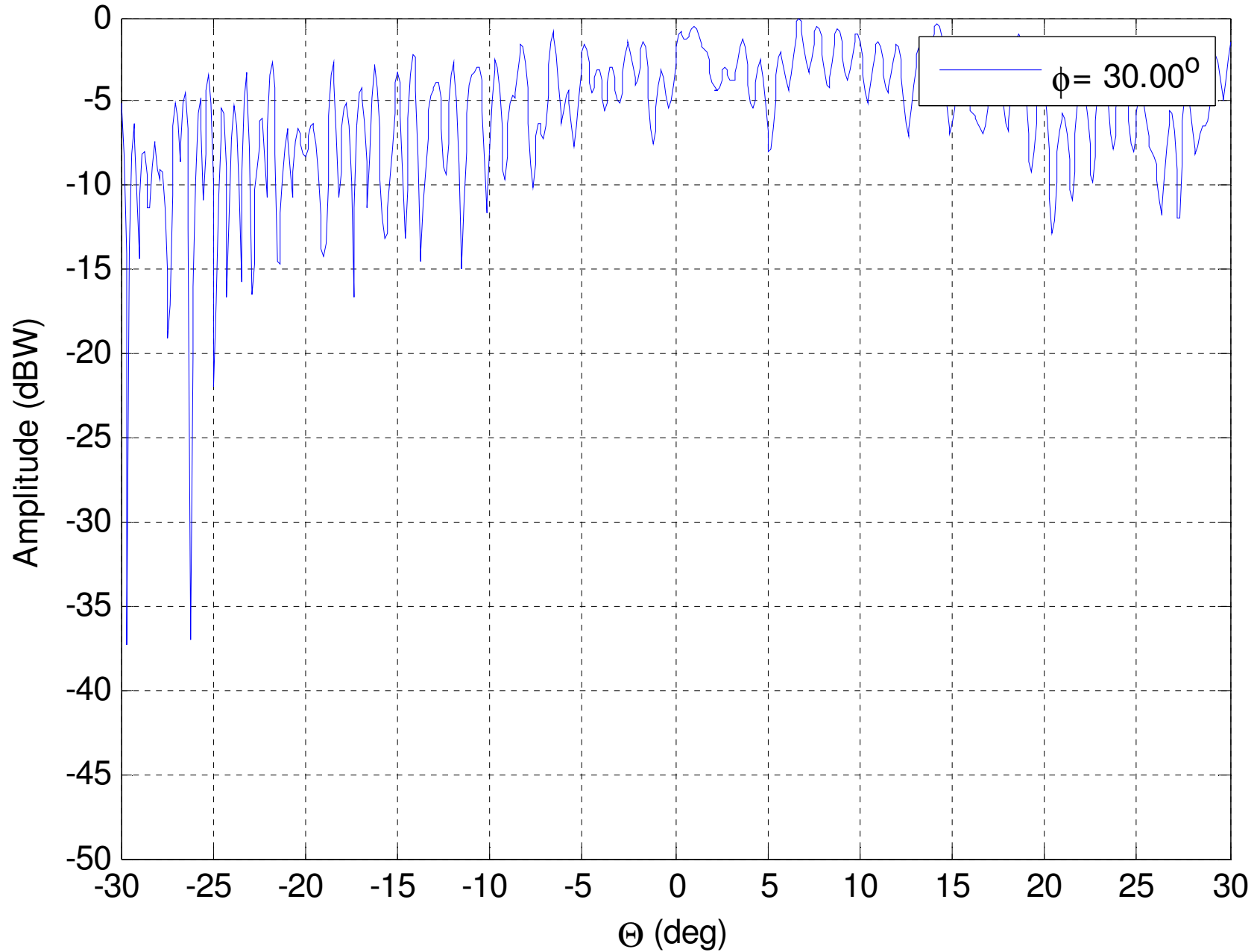
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-20.cut, Peak: -1.51 dBW, Date: 19-Sep-2011



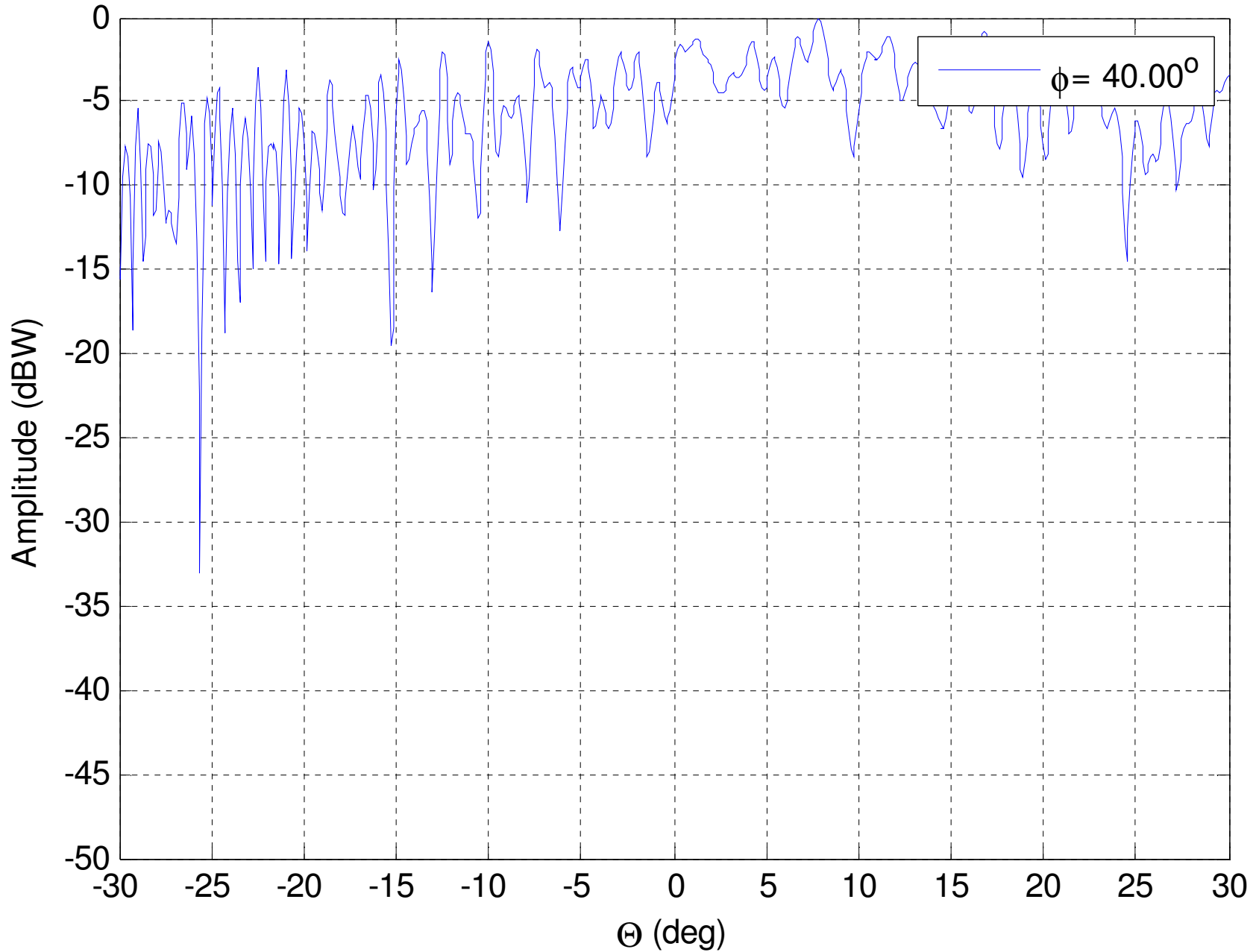
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-30.cut, Peak: -2.58 dBW, Date: 19-Sep-2011



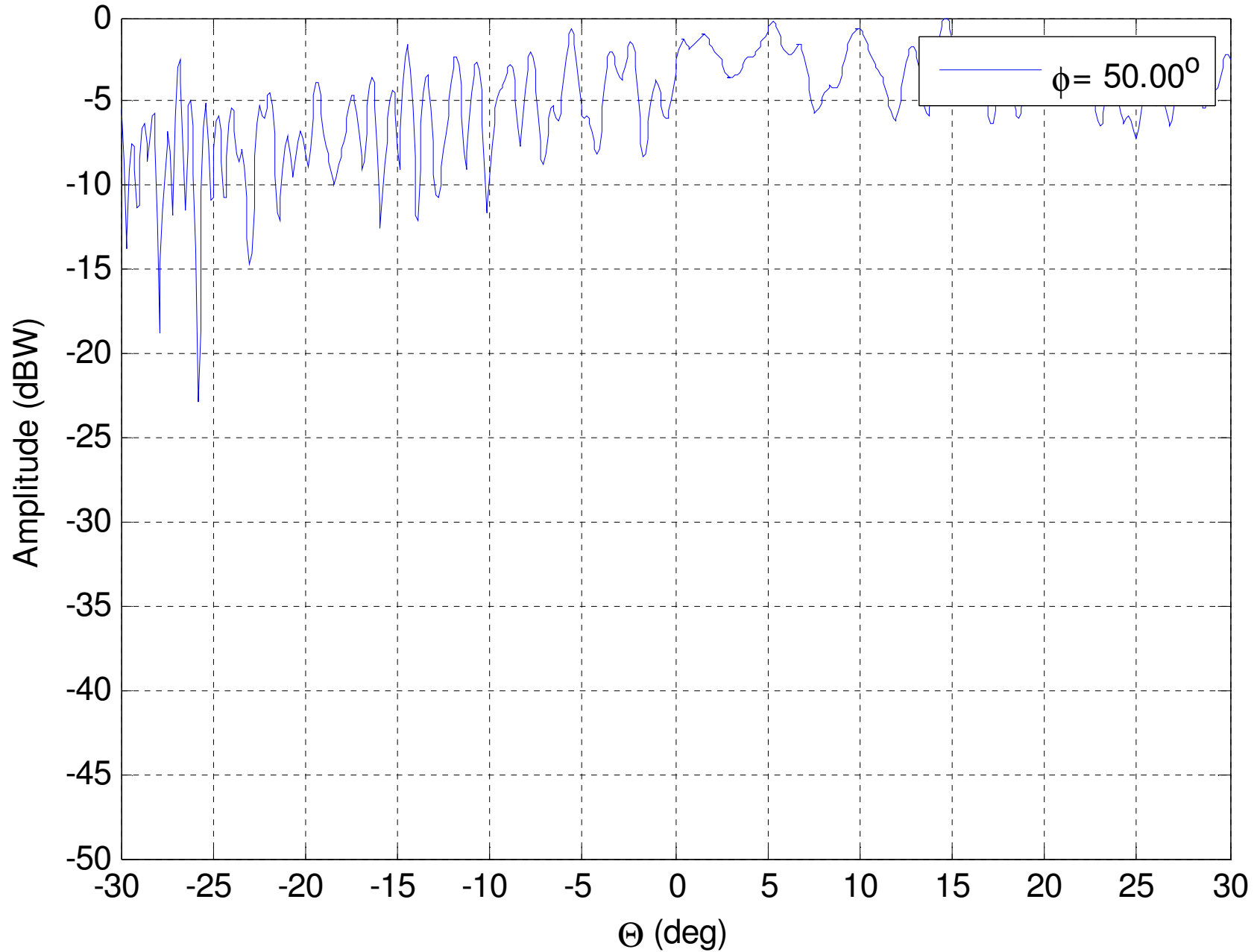
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-40.cut, Peak: -1.84 dBW, Date: 19-Sep-2011



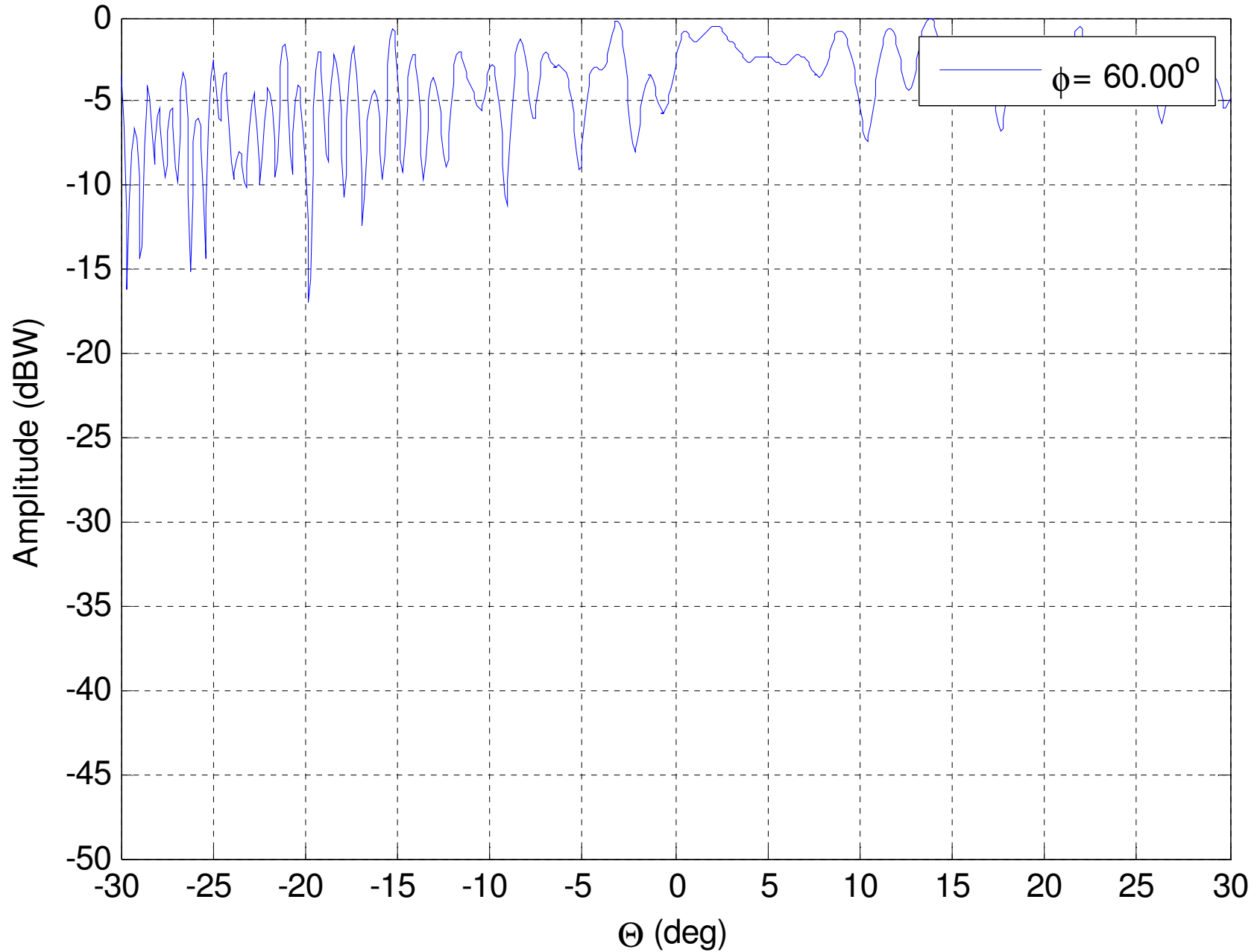
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-50.cut, Peak: -2.07 dBW, Date: 19-Sep-2011



Normalized pattern cuts - farfield

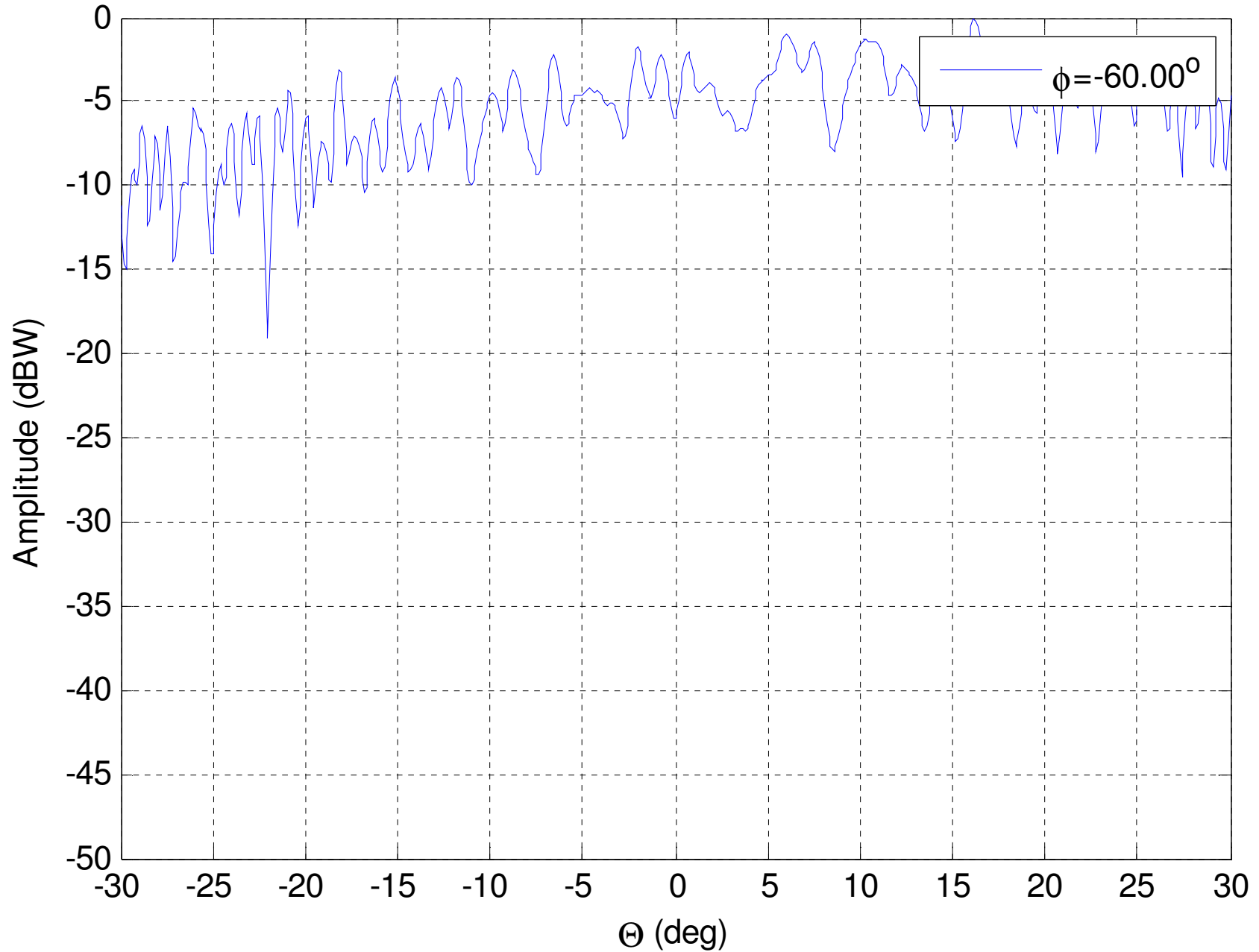
Input file: tx-17.7-lhcp-60.cut, Peak: -2.51 dBW, Date: 19-Sep-2011



RHCP at 17.75 GHz

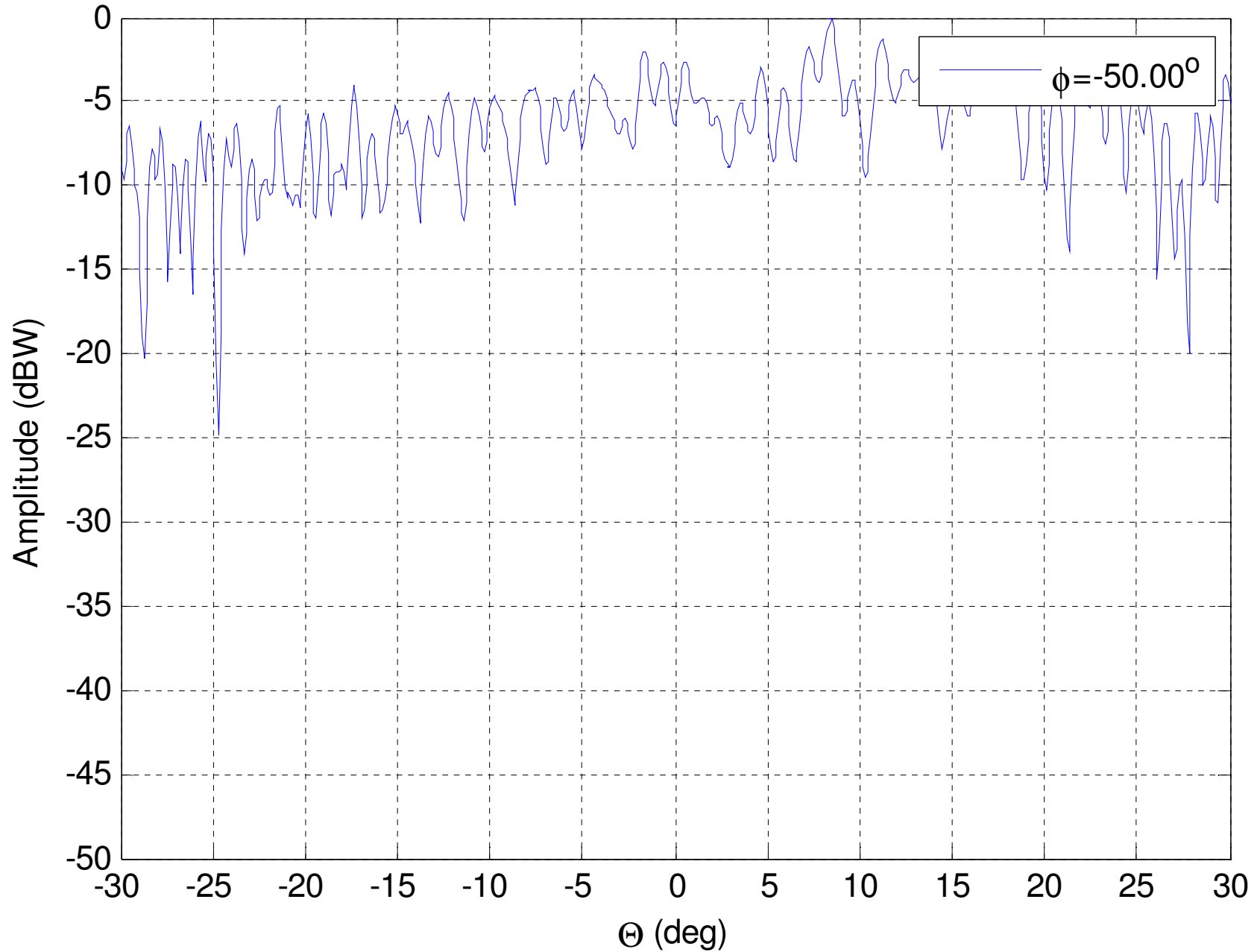
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--60.cut, Peak: -1.47 dBW, Date: 07-Feb-2012



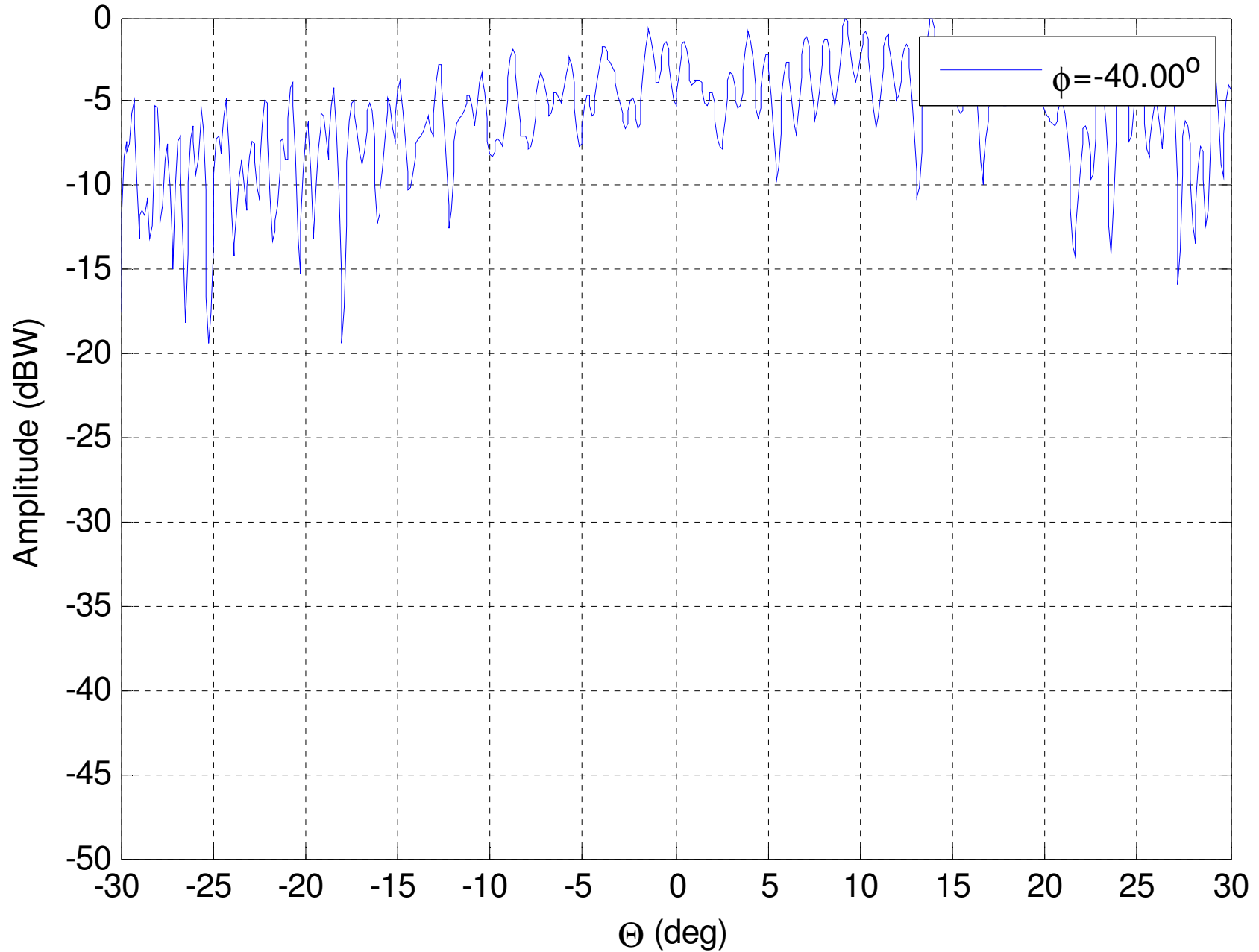
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--50.cut, Peak: -1.01 dBW, Date: 07-Feb-2012



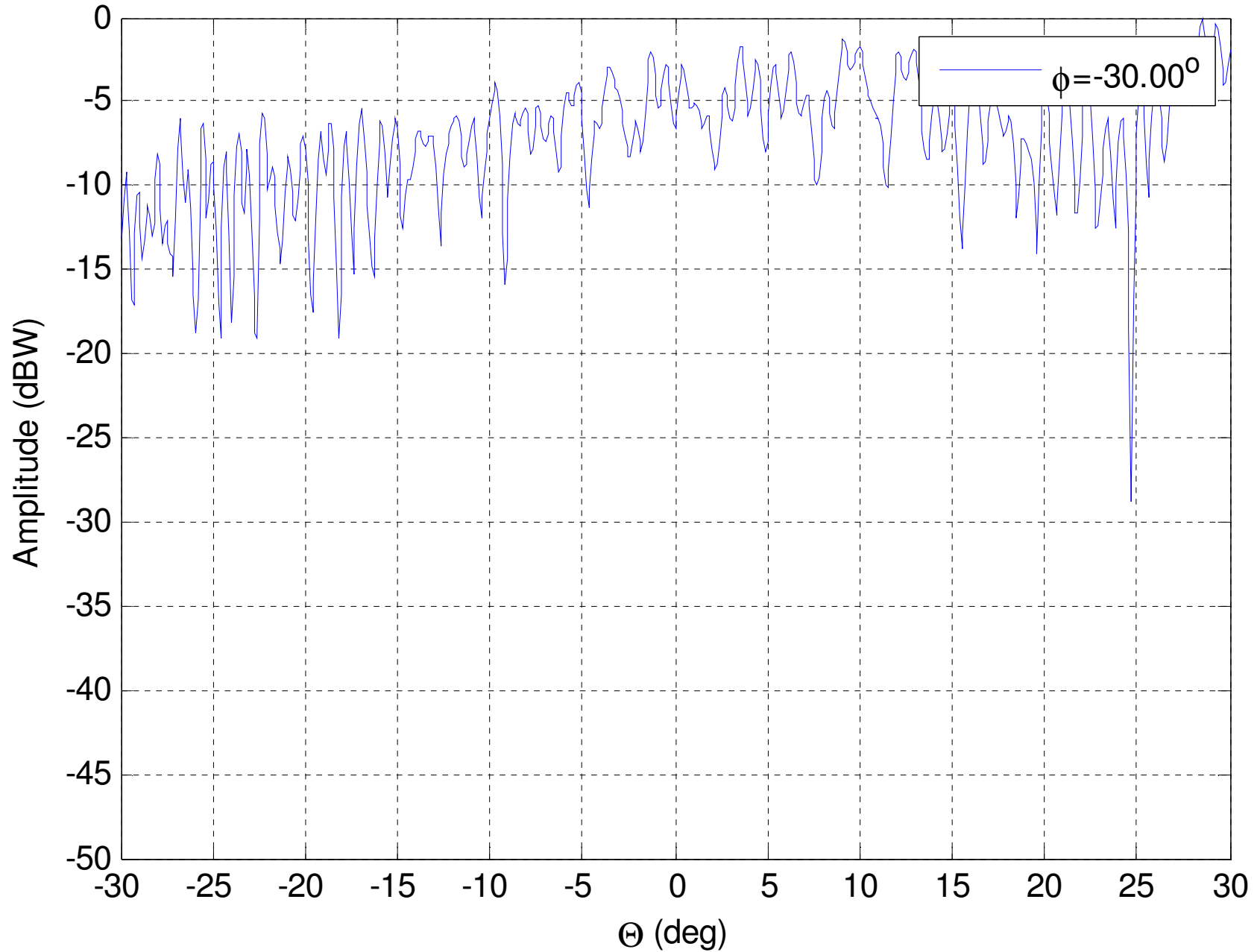
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--40.cut, Peak: -2.23 dBW, Date: 07-Feb-2012



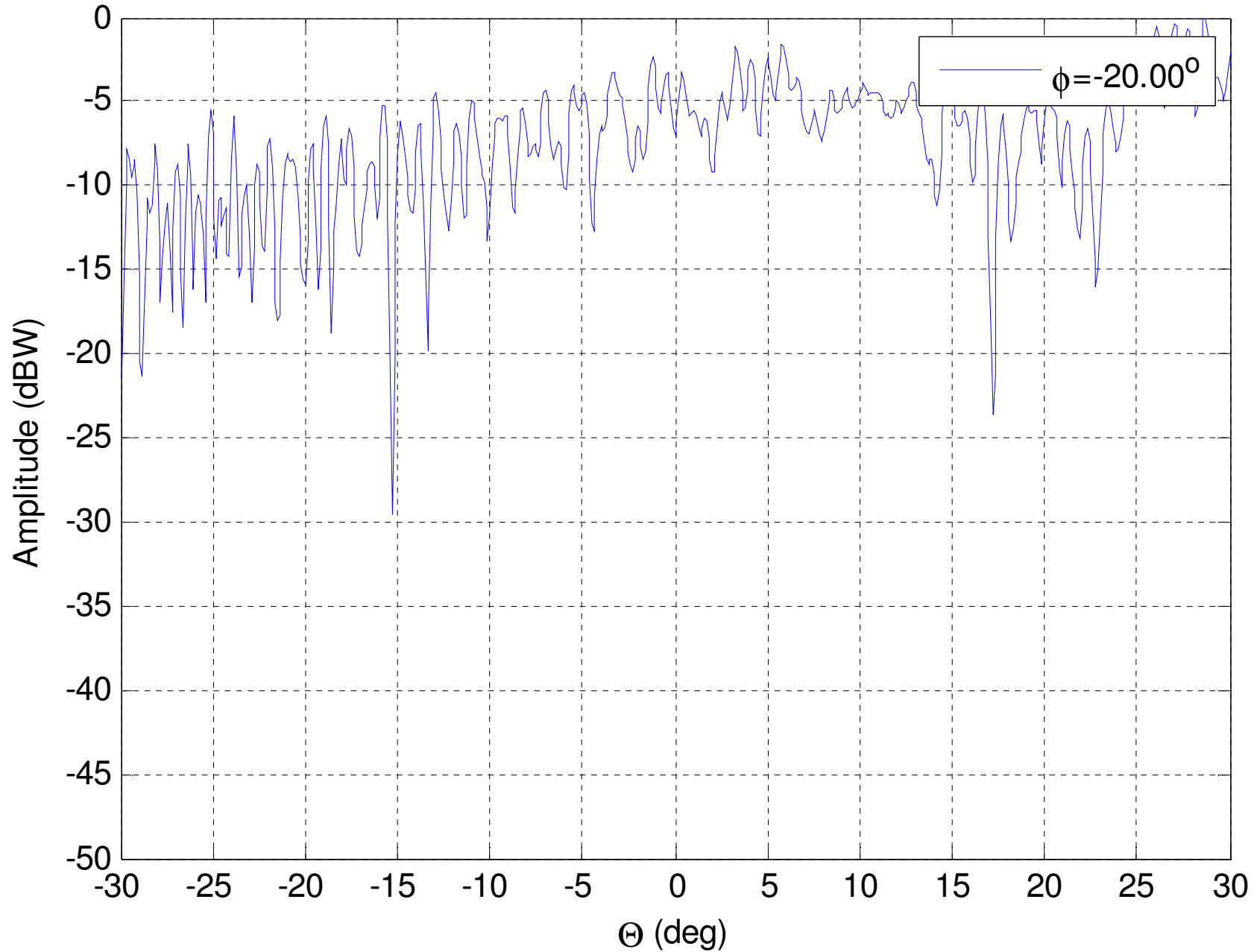
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--30.cut, Peak: -0.83 dBW, Date: 07-Feb-2012



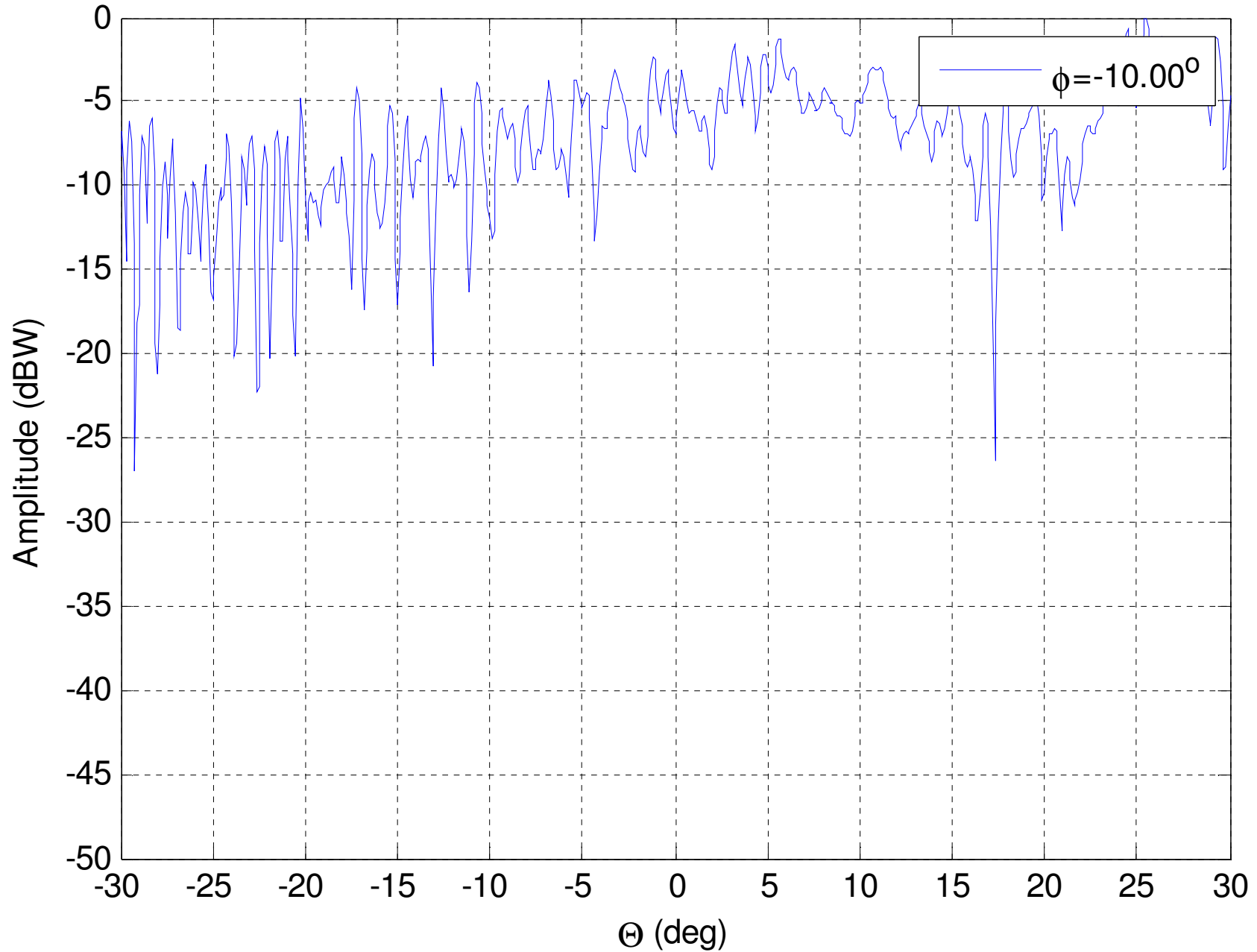
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--20.cut, Peak: -0.44 dBW, Date: 07-Feb-2012



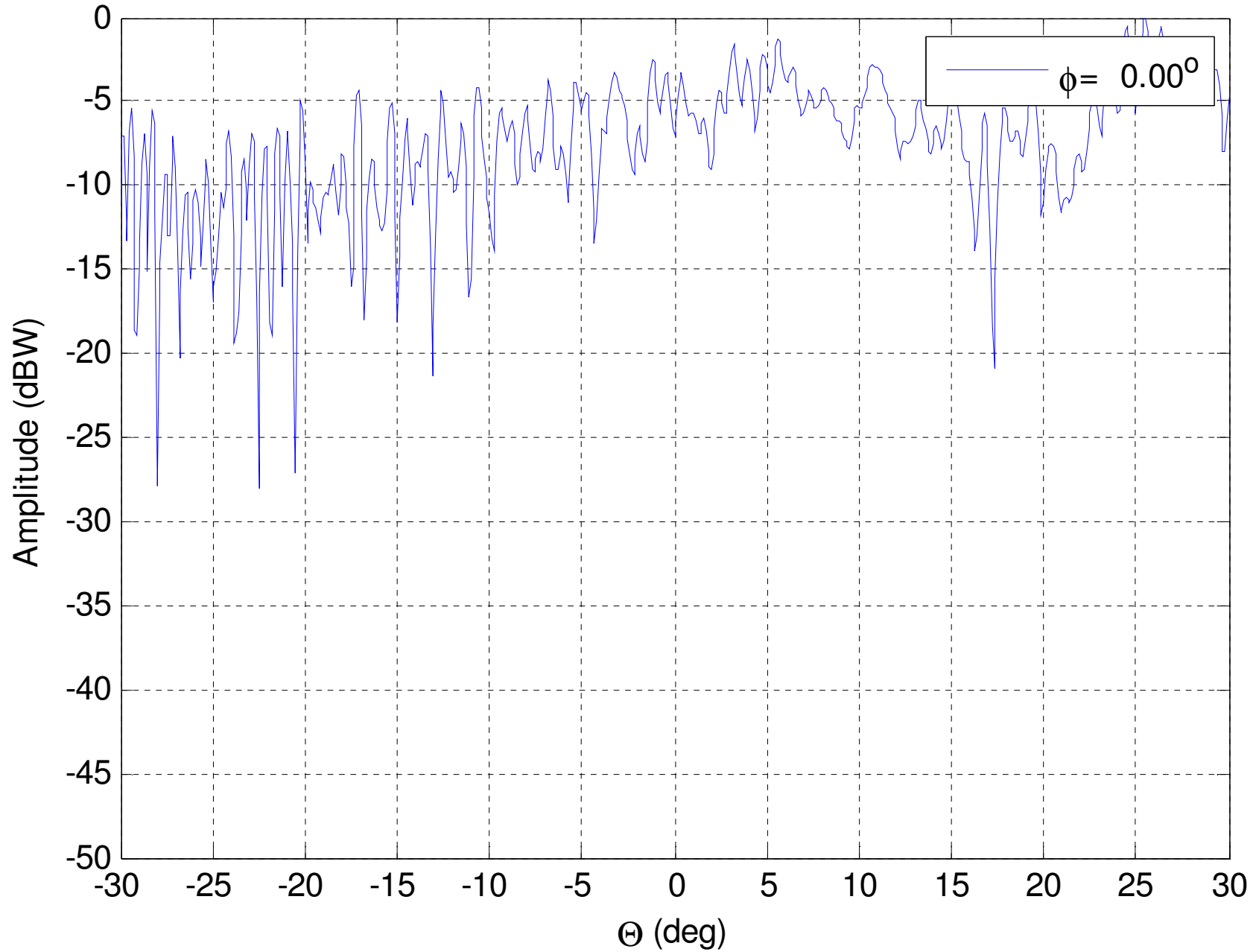
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--10.cut, Peak: -0.53 dBW, Date: 07-Feb-2012



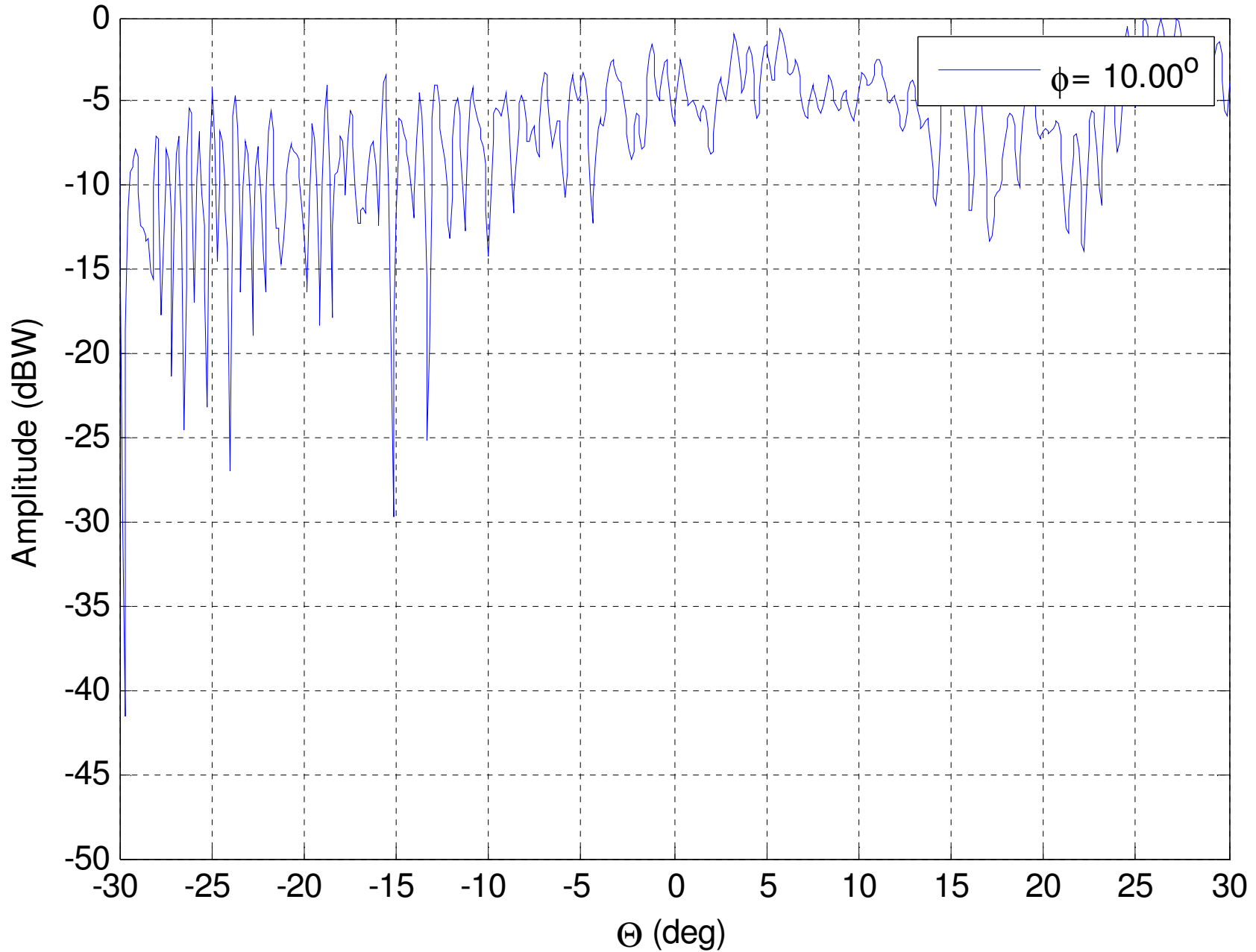
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-0.cut, Peak: -0.42 dBW, Date: 07-Feb-2012



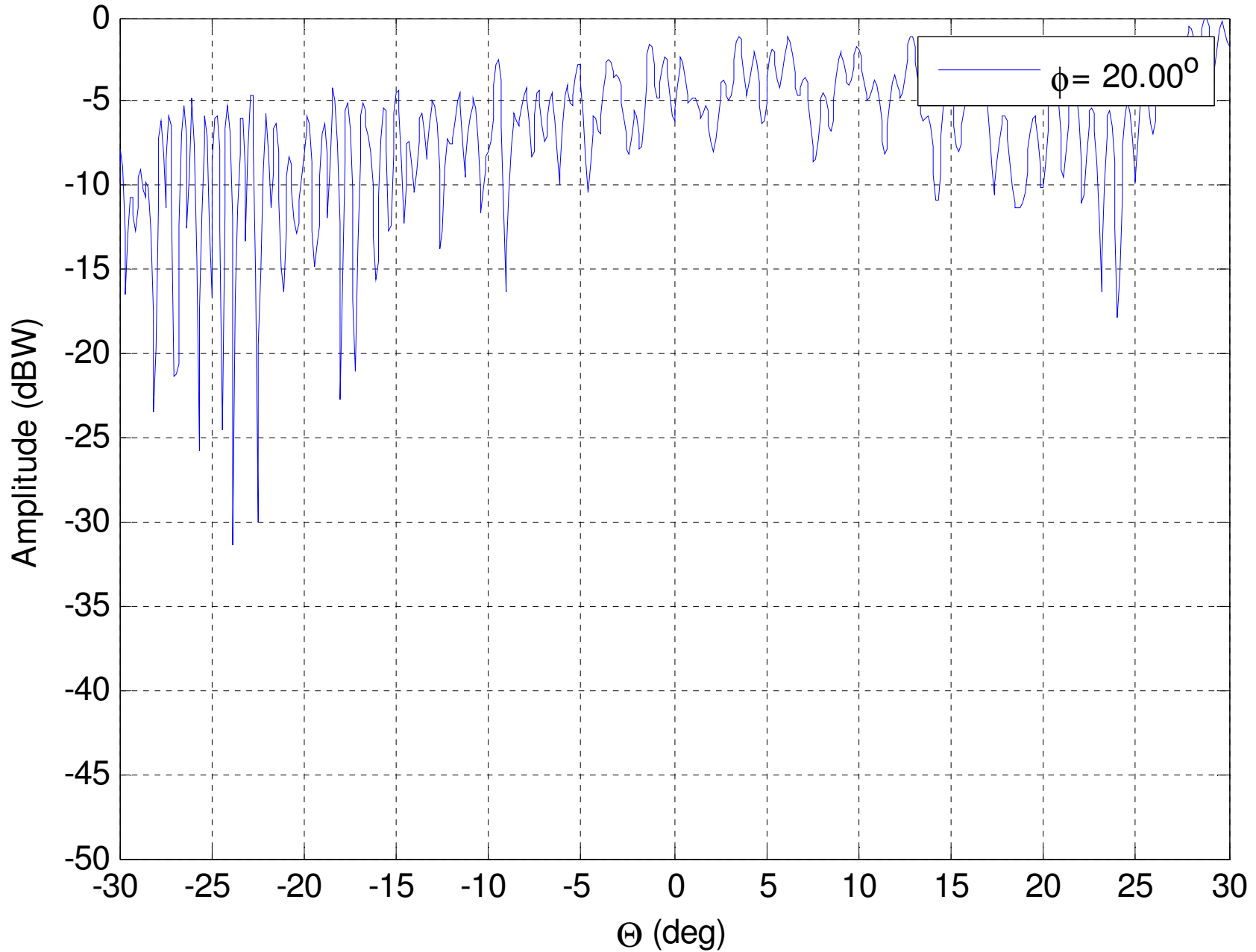
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-10.cut, Peak: -1.18 dBW, Date: 07-Feb-2012



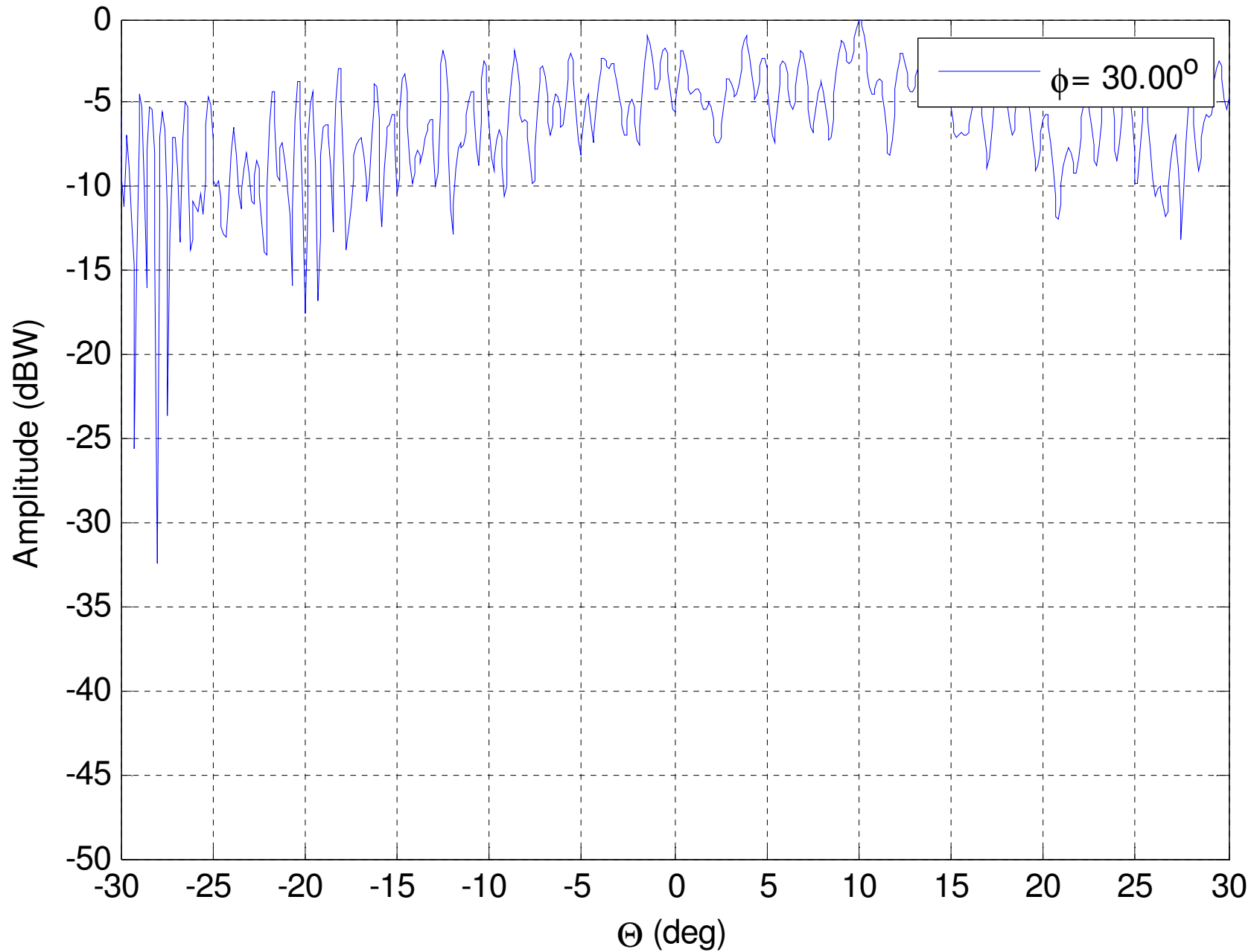
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-20.cut, Peak: -1.32 dBW, Date: 07-Feb-2012



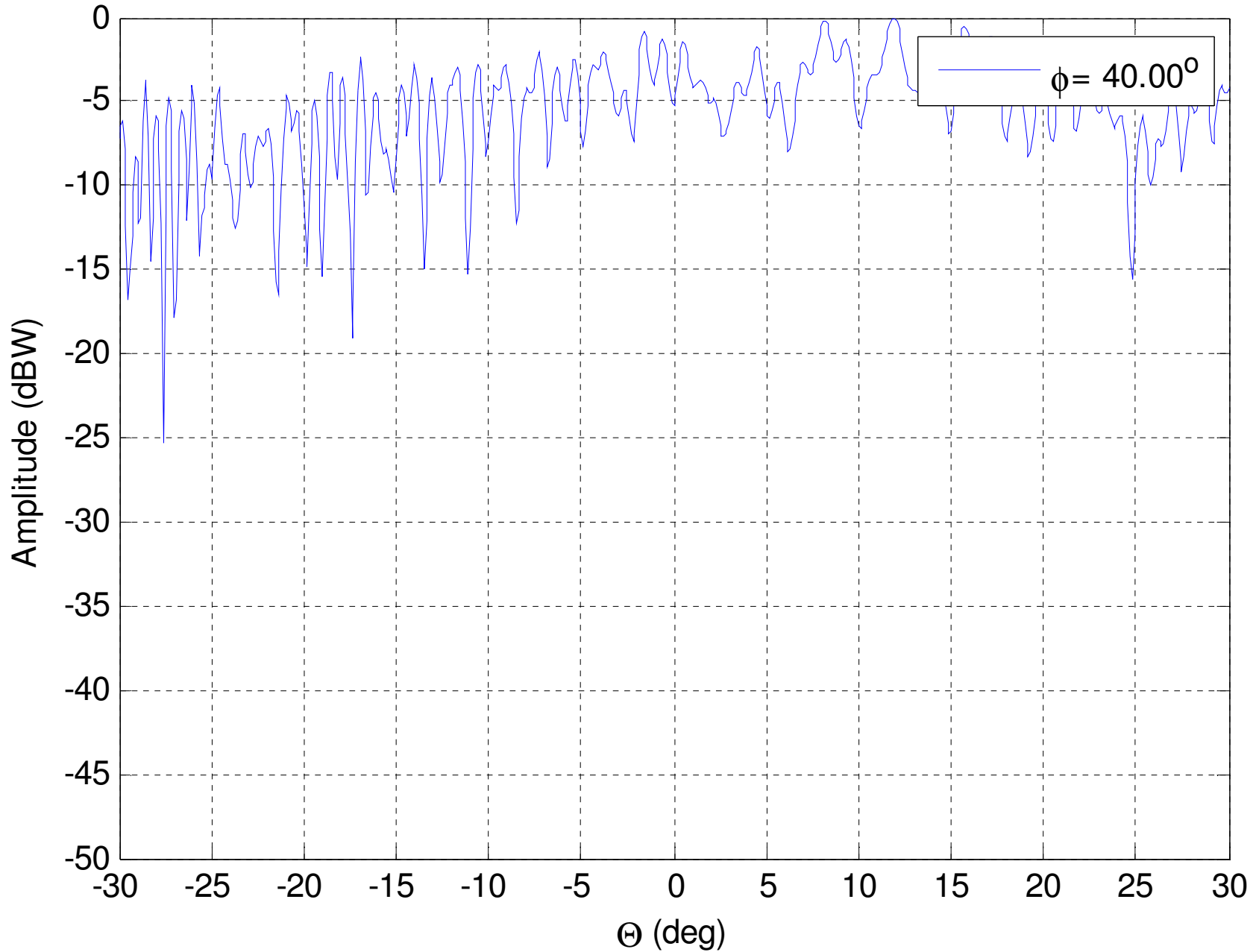
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-30.cut, Peak: -1.89 dBW, Date: 07-Feb-2012



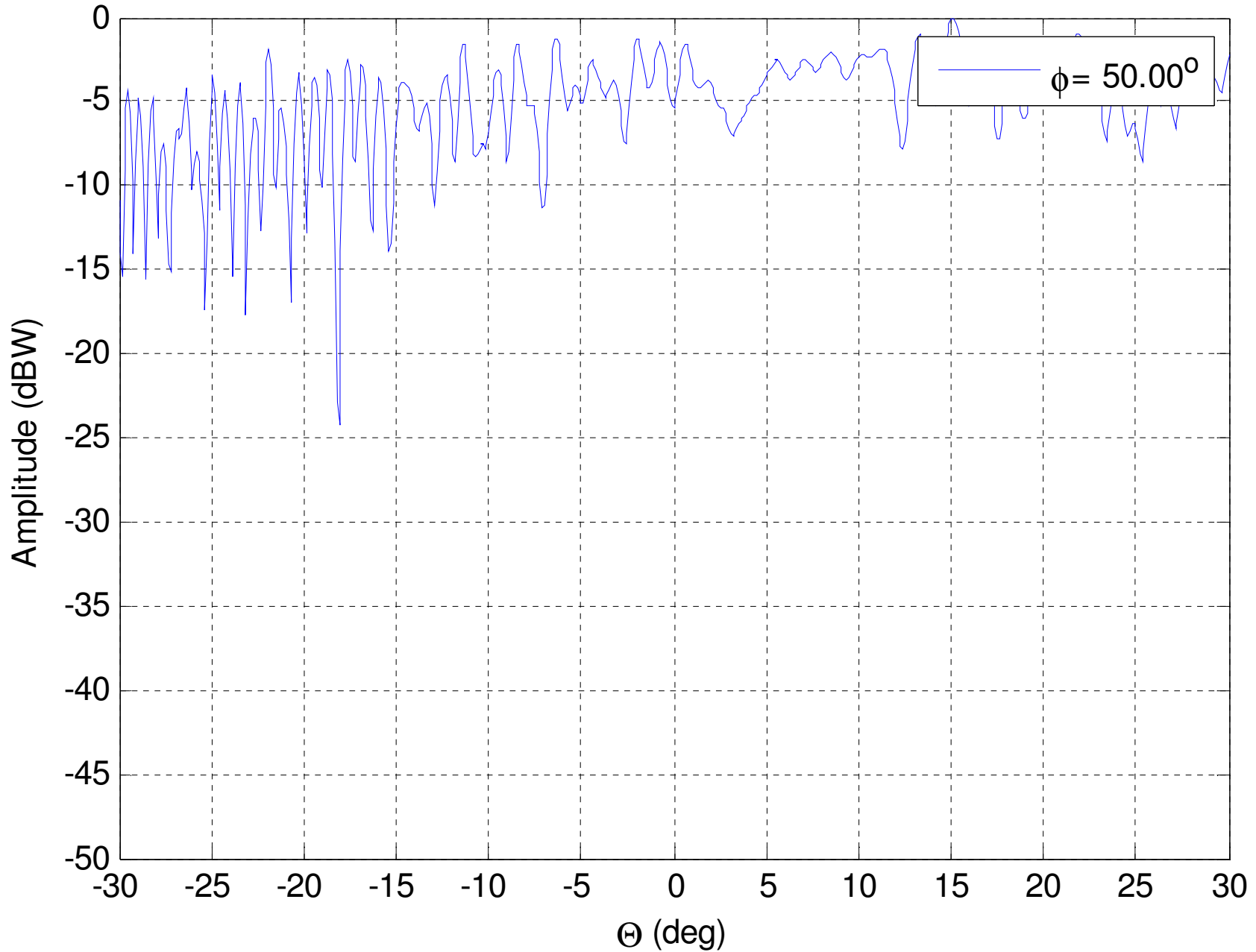
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-40.cut, Peak: -2.23 dBW, Date: 07-Feb-2012



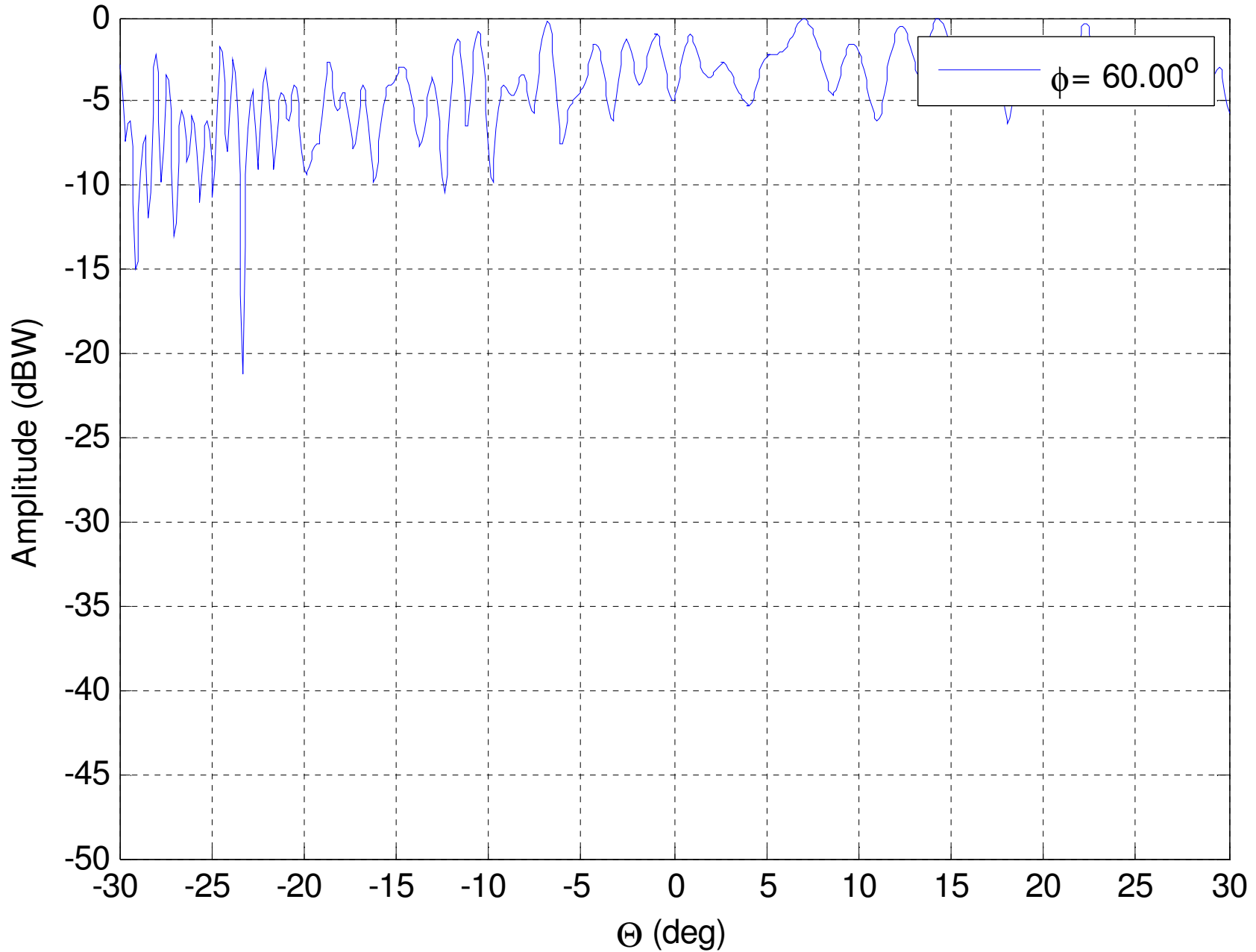
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-50.cut, Peak: -2.09 dBW, Date: 07-Feb-2012



Normalized pattern cuts - farfield

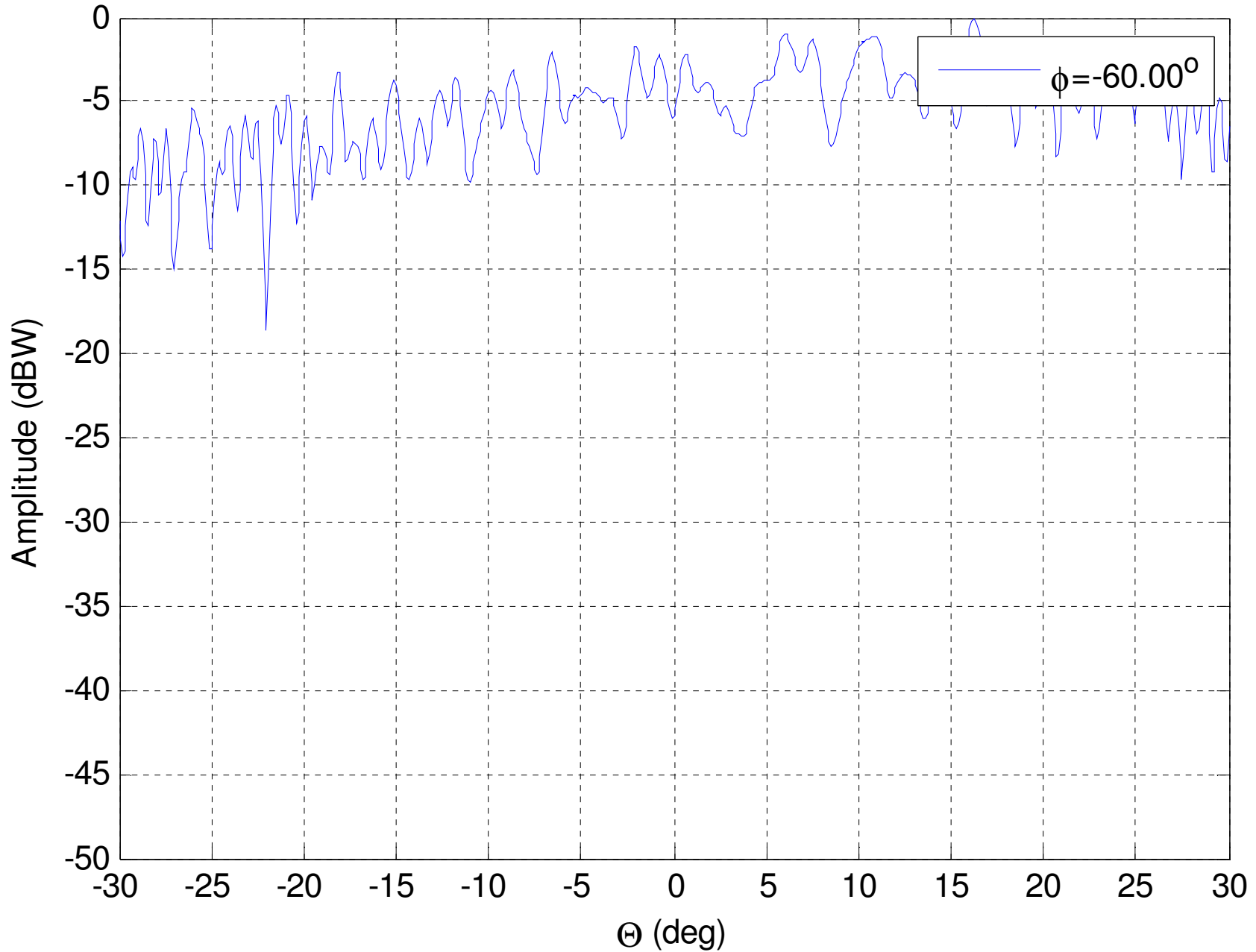
Input file: tx-17.75-rhcp-60.cut, Peak: -2.58 dBW, Date: 07-Feb-2012



LHCP at 17.75 GHz

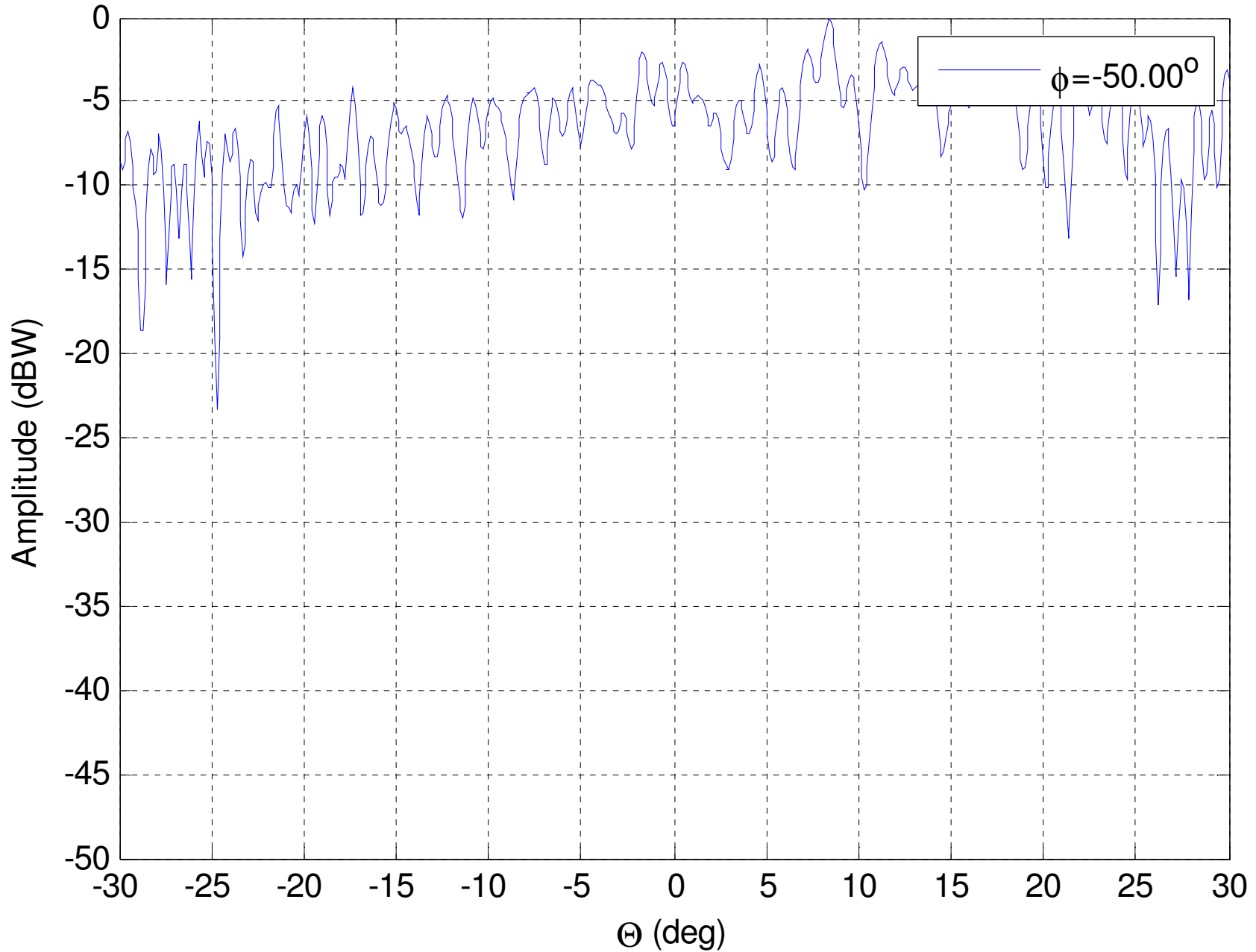
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--60.cut, Peak: -1.53 dBW, Date: 07-Feb-2012



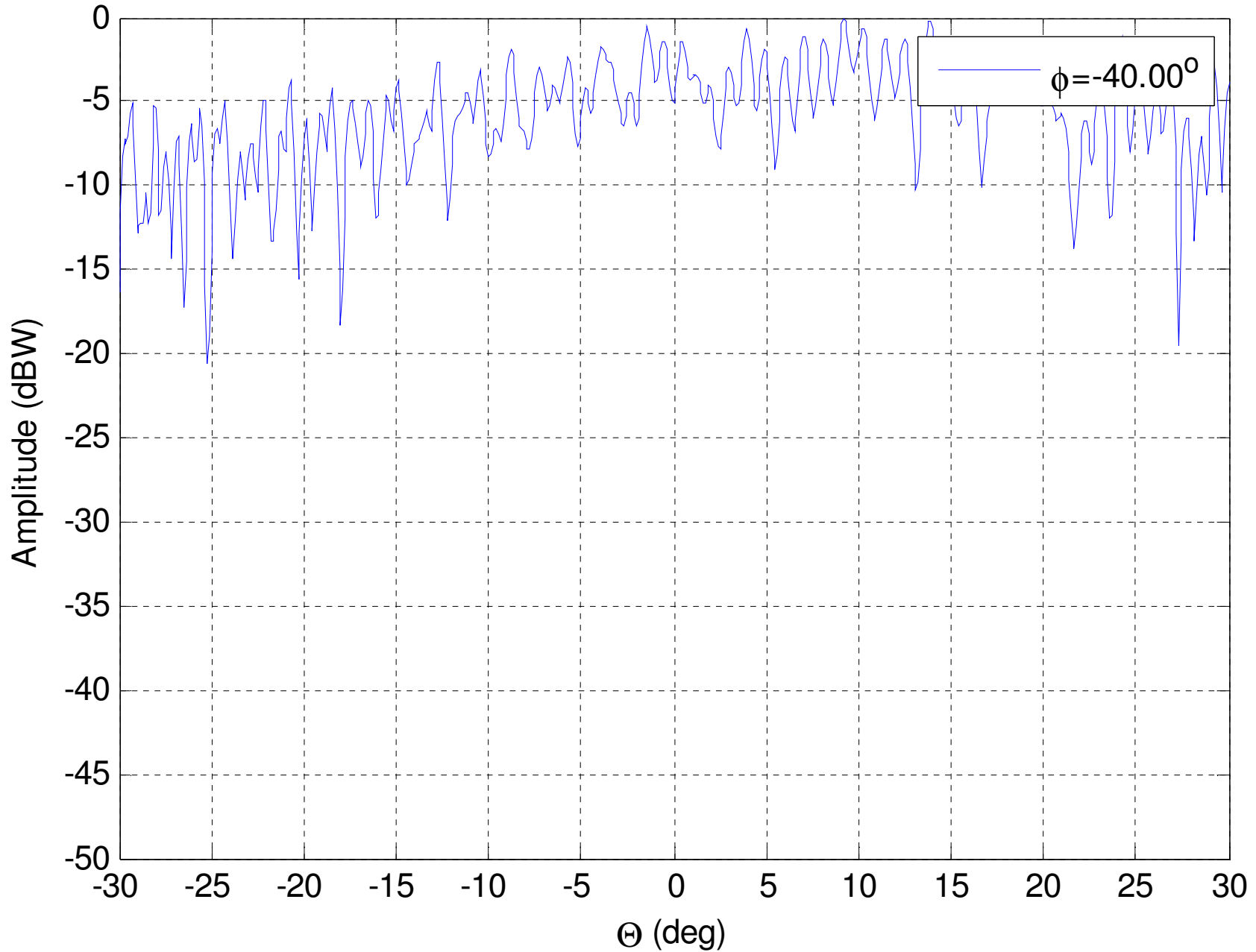
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--50.cut, Peak: -1.02 dBW, Date: 07-Feb-2012



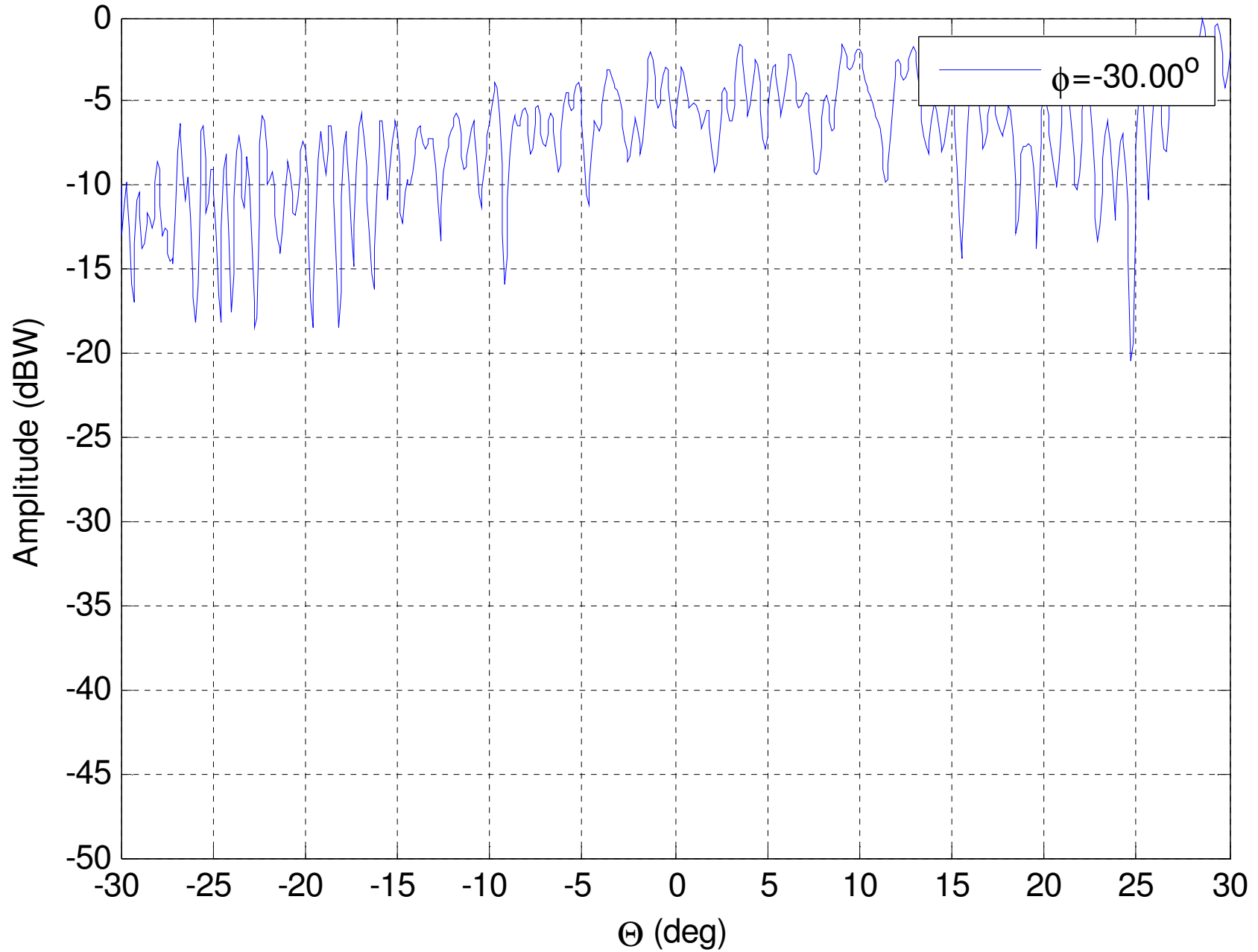
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--40.cut, Peak: -2.40 dBW, Date: 07-Feb-2012



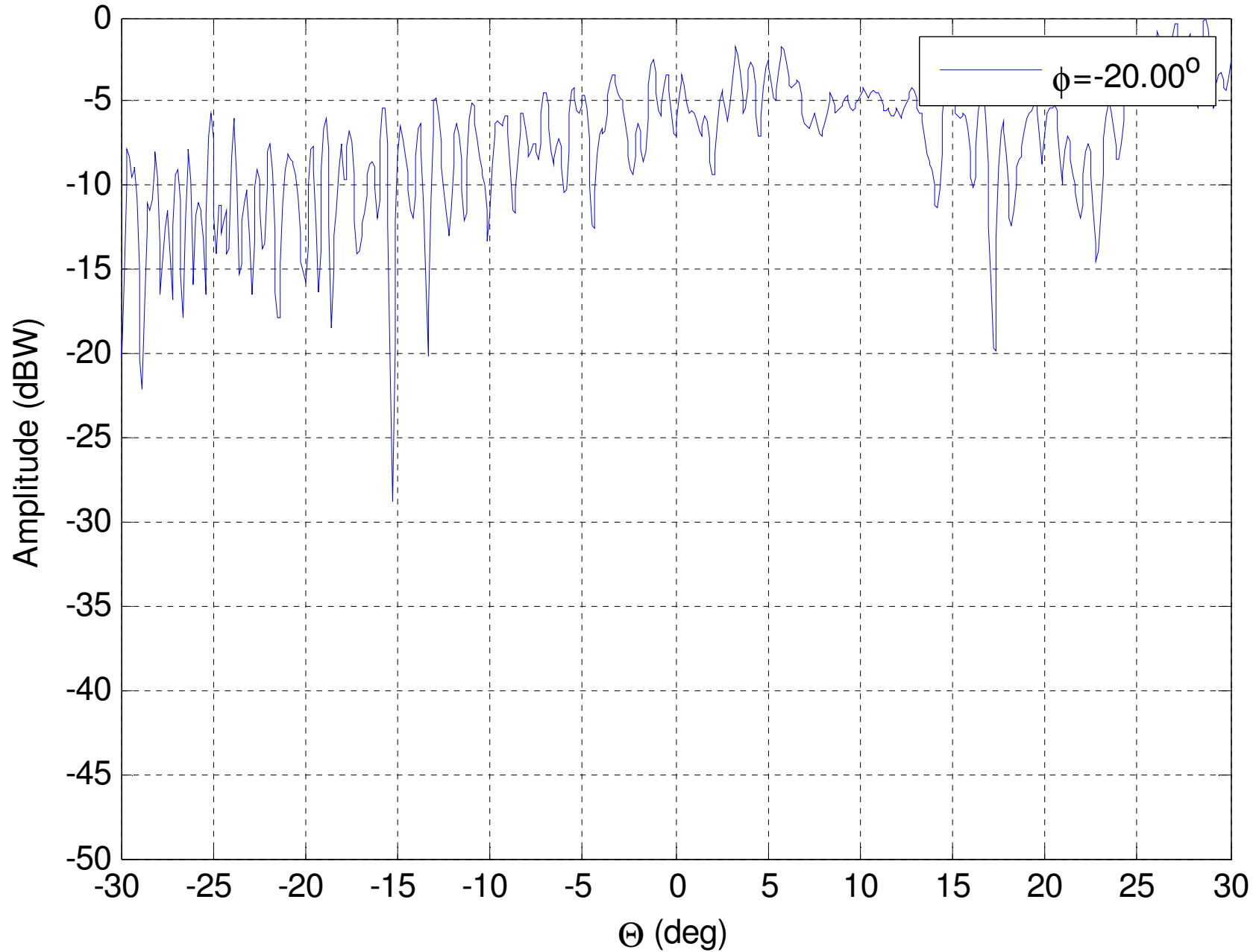
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--30.cut, Peak: -0.80 dBW, Date: 07-Feb-2012



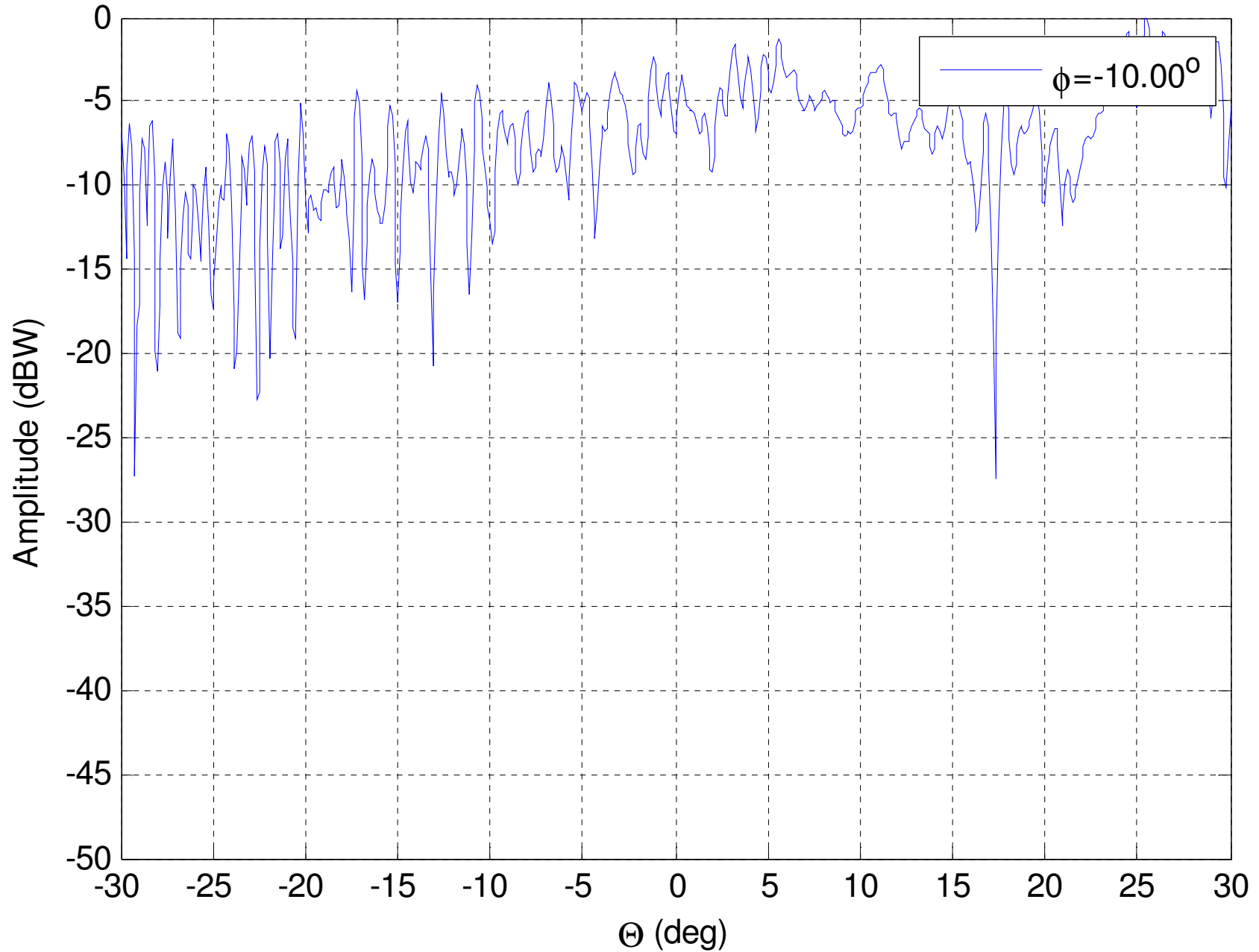
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--20.cut, Peak: -0.35 dBW, Date: 07-Feb-2012



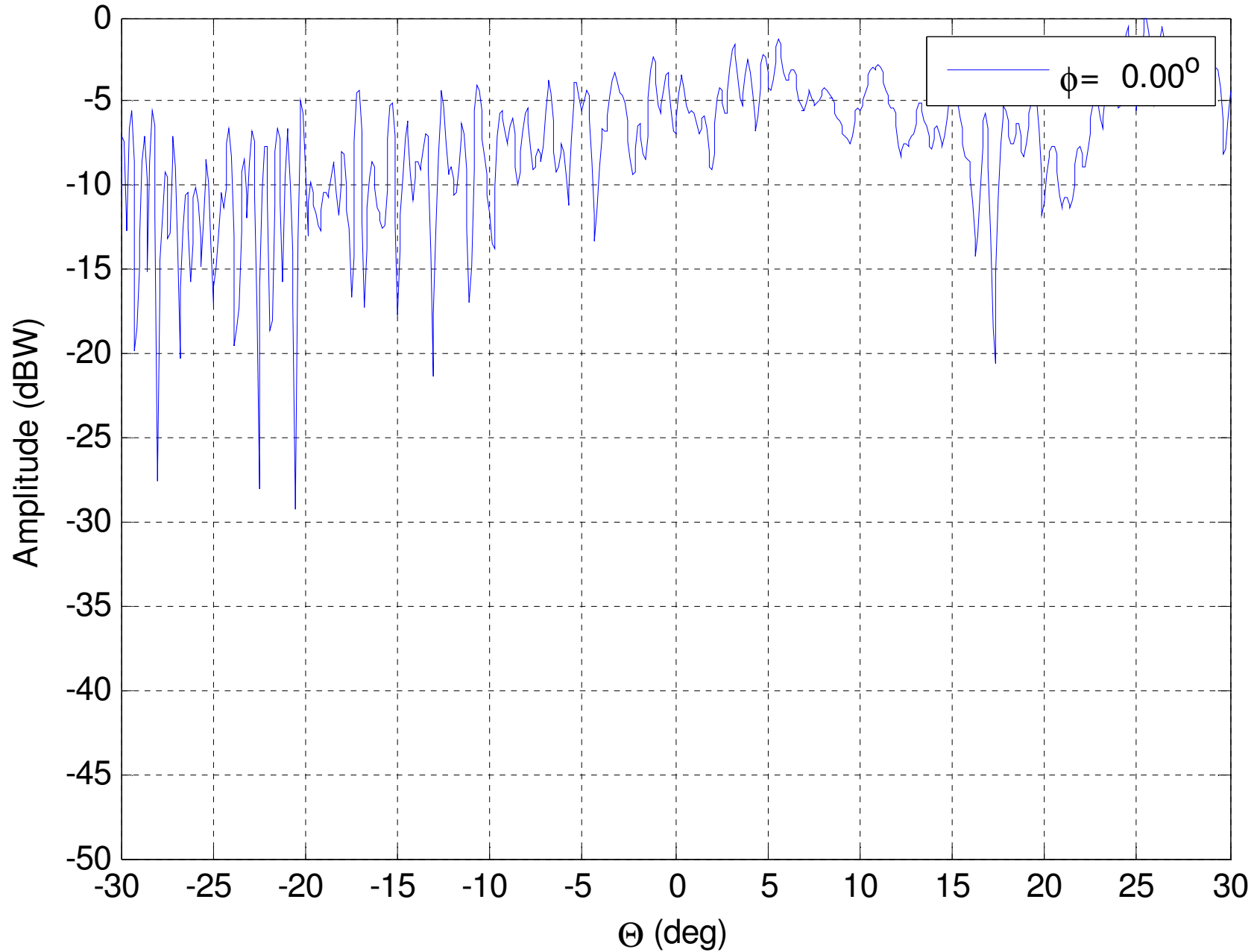
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--10.cut, Peak: -0.45 dBW, Date: 07-Feb-2012



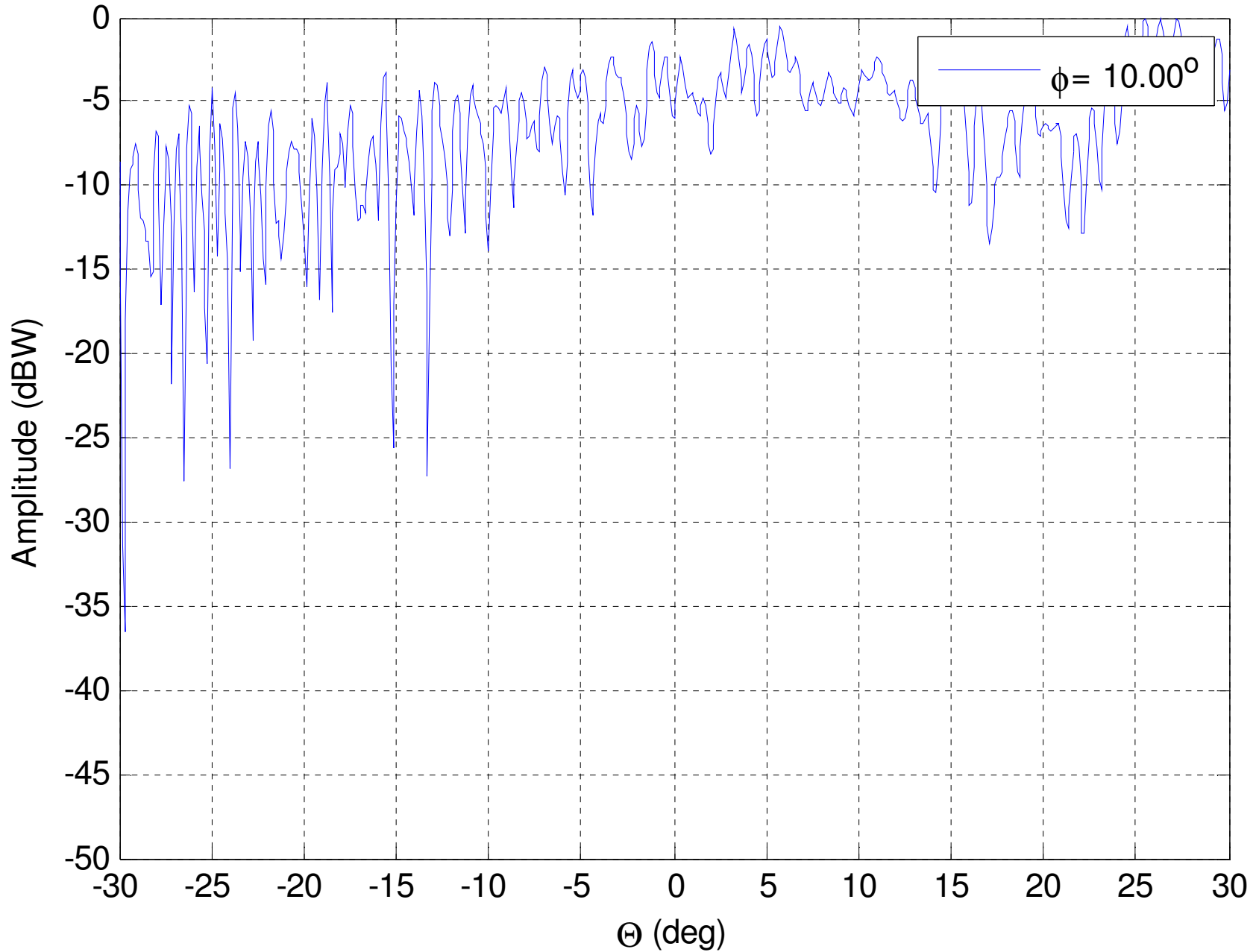
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-0.cut, Peak: -0.46 dBW, Date: 07-Feb-2012



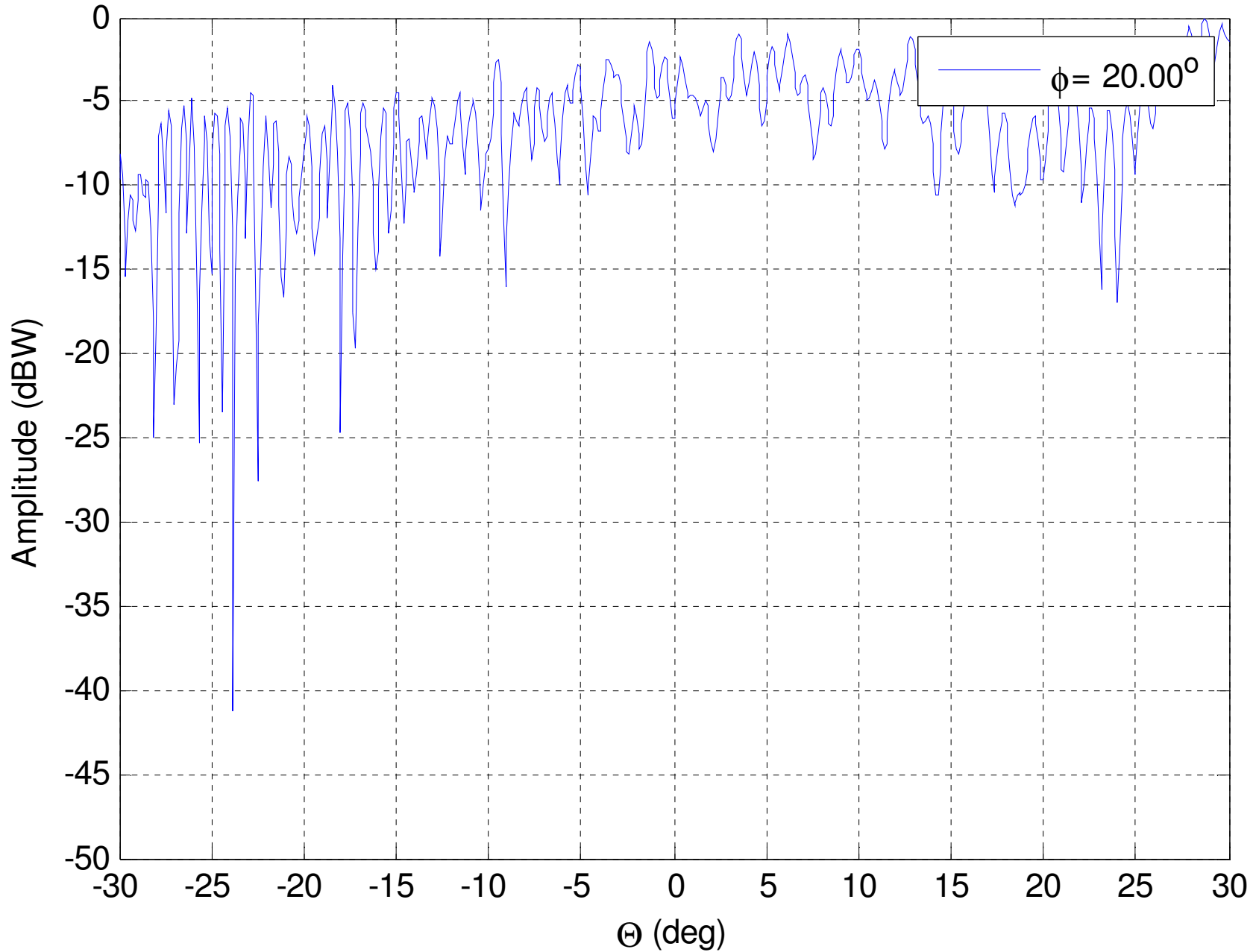
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-10.cut, Peak: -1.41 dBW, Date: 07-Feb-2012



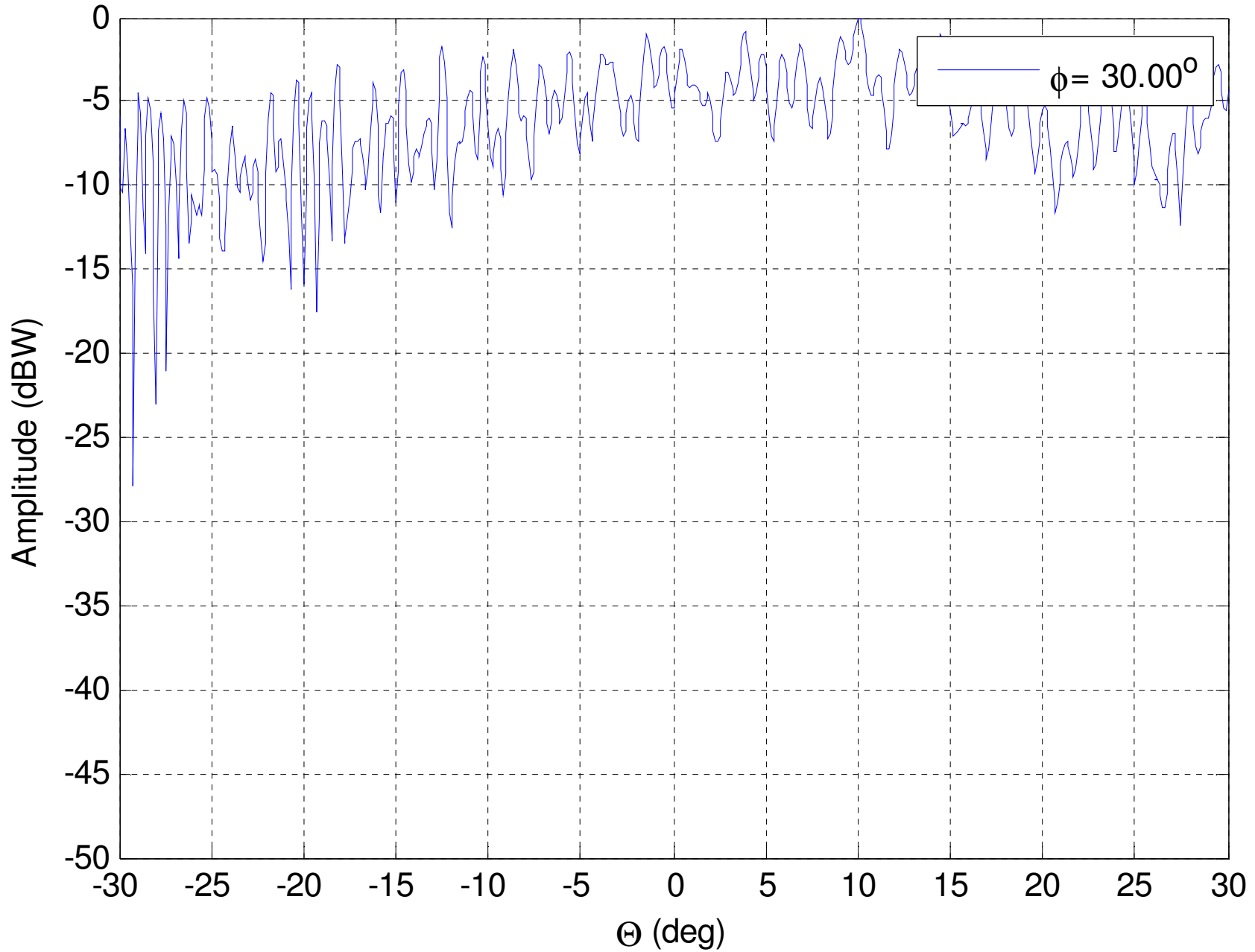
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-20.cut, Peak: -1.38 dBW, Date: 07-Feb-2012



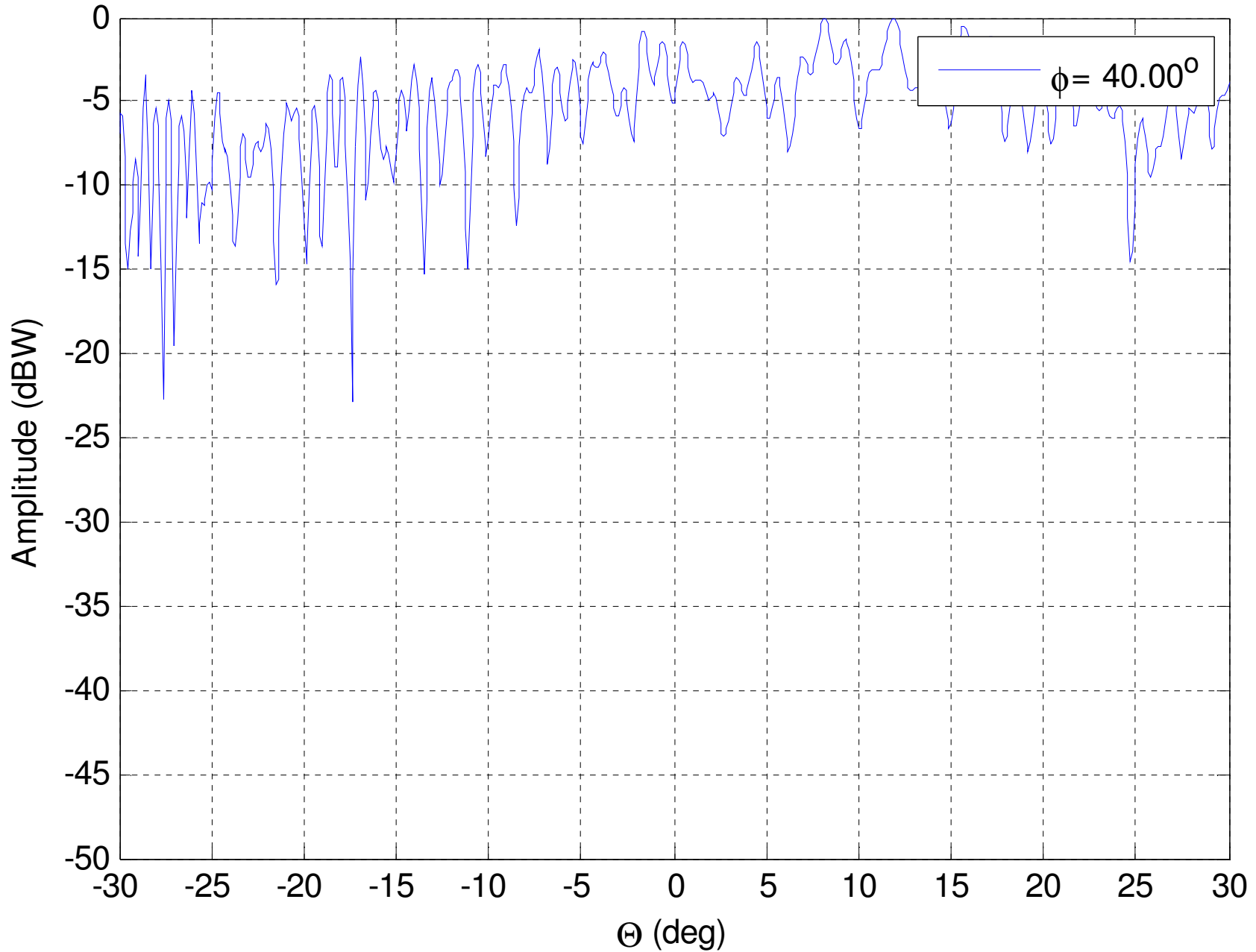
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-30.cut, Peak: -1.98 dBW, Date: 07-Feb-2012



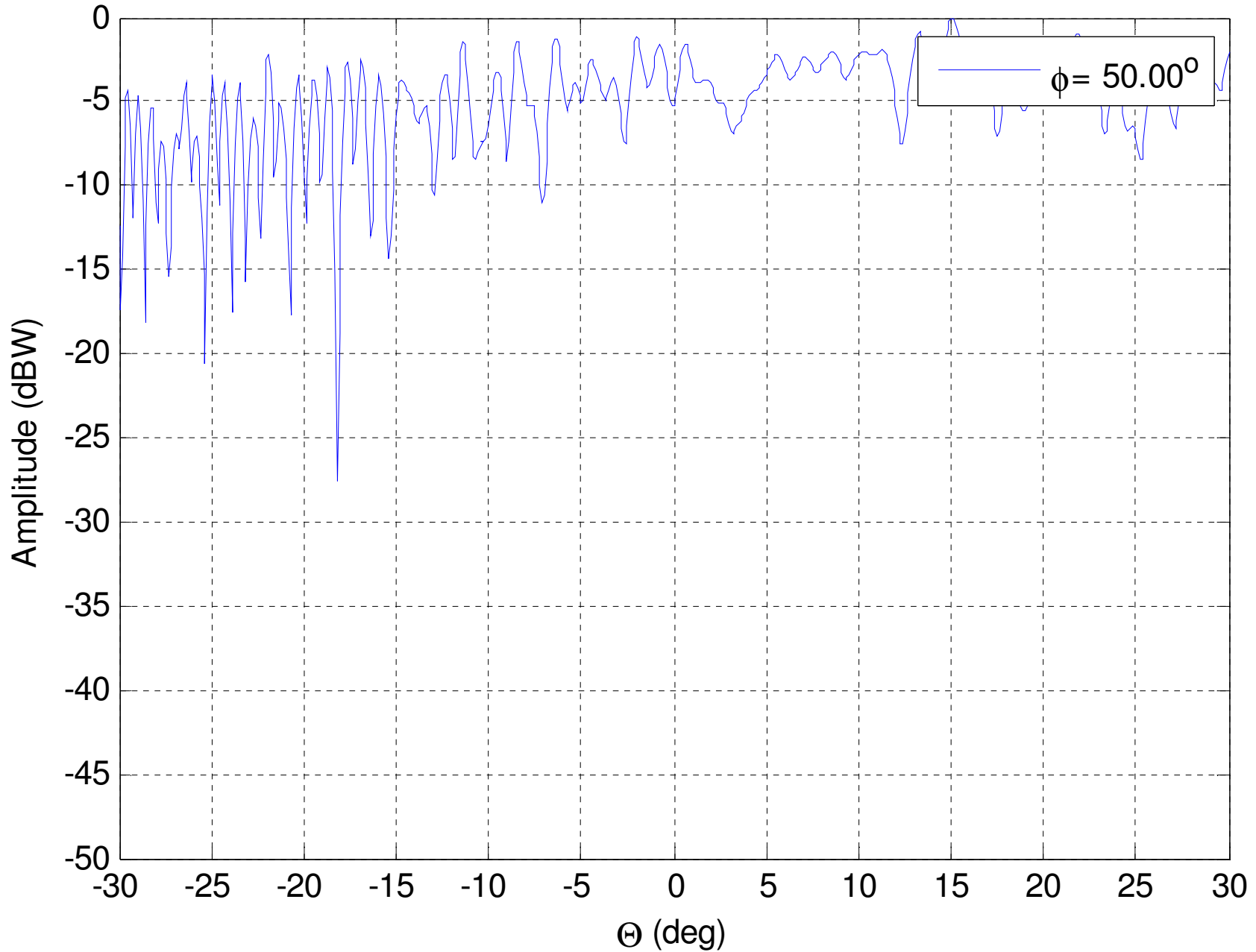
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-40.cut, Peak: -2.29 dBW, Date: 07-Feb-2012



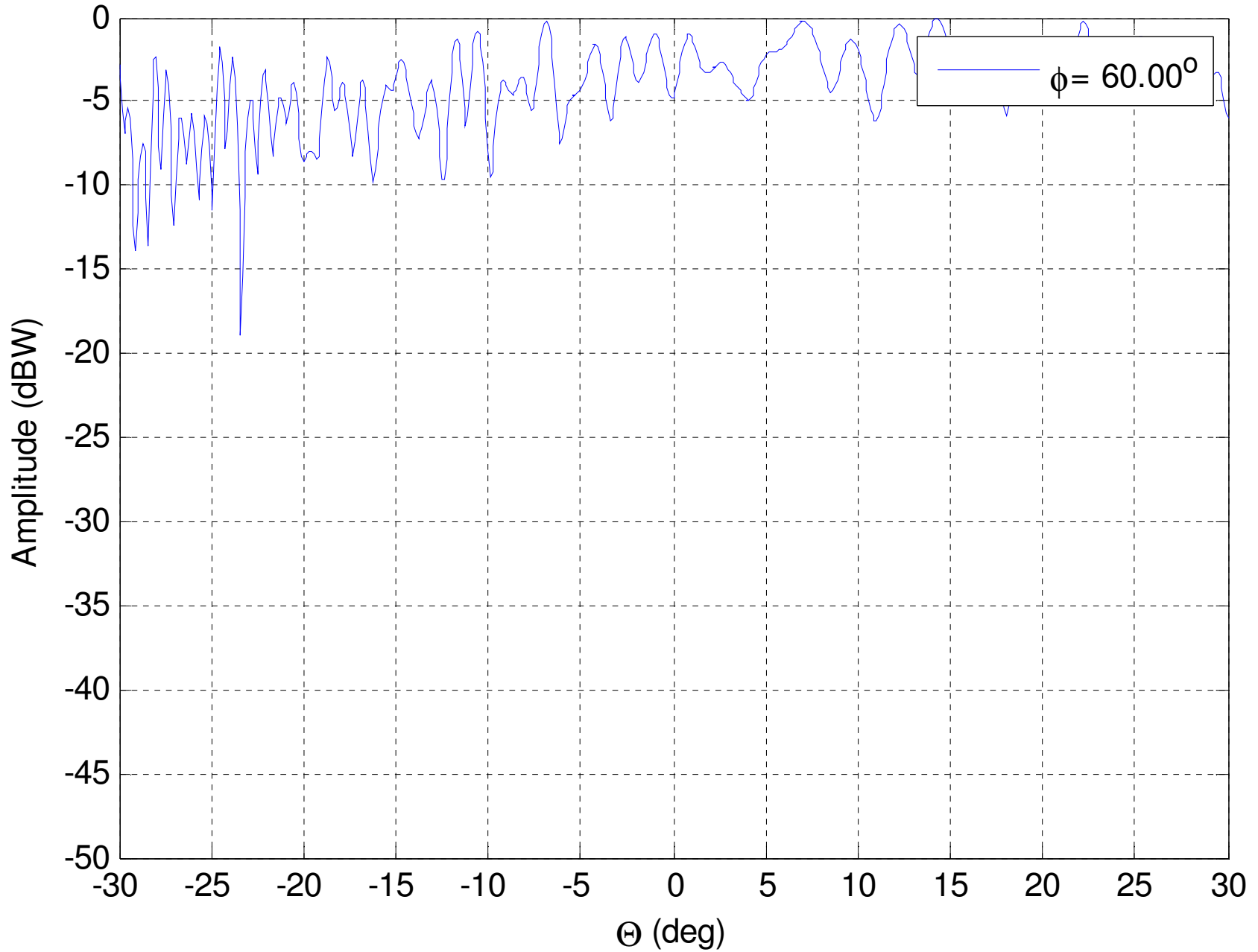
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-50.cut, Peak: -2.16 dBW, Date: 07-Feb-2012



Normalized pattern cuts - farfield

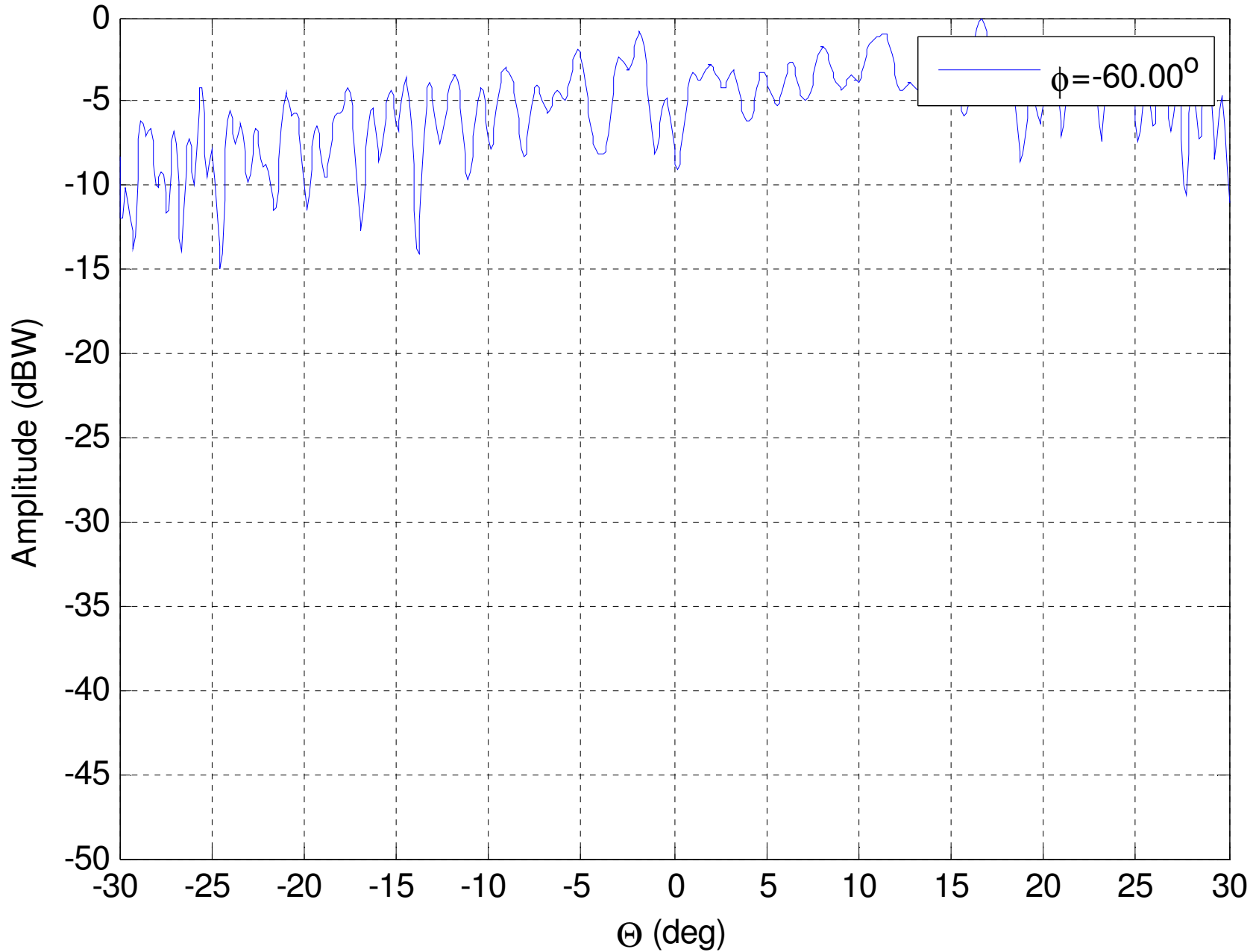
Input file: tx-17.75-lhcp-60.cut, Peak: -2.68 dBW, Date: 07-Feb-2012



RHCP at 17.795 GHz

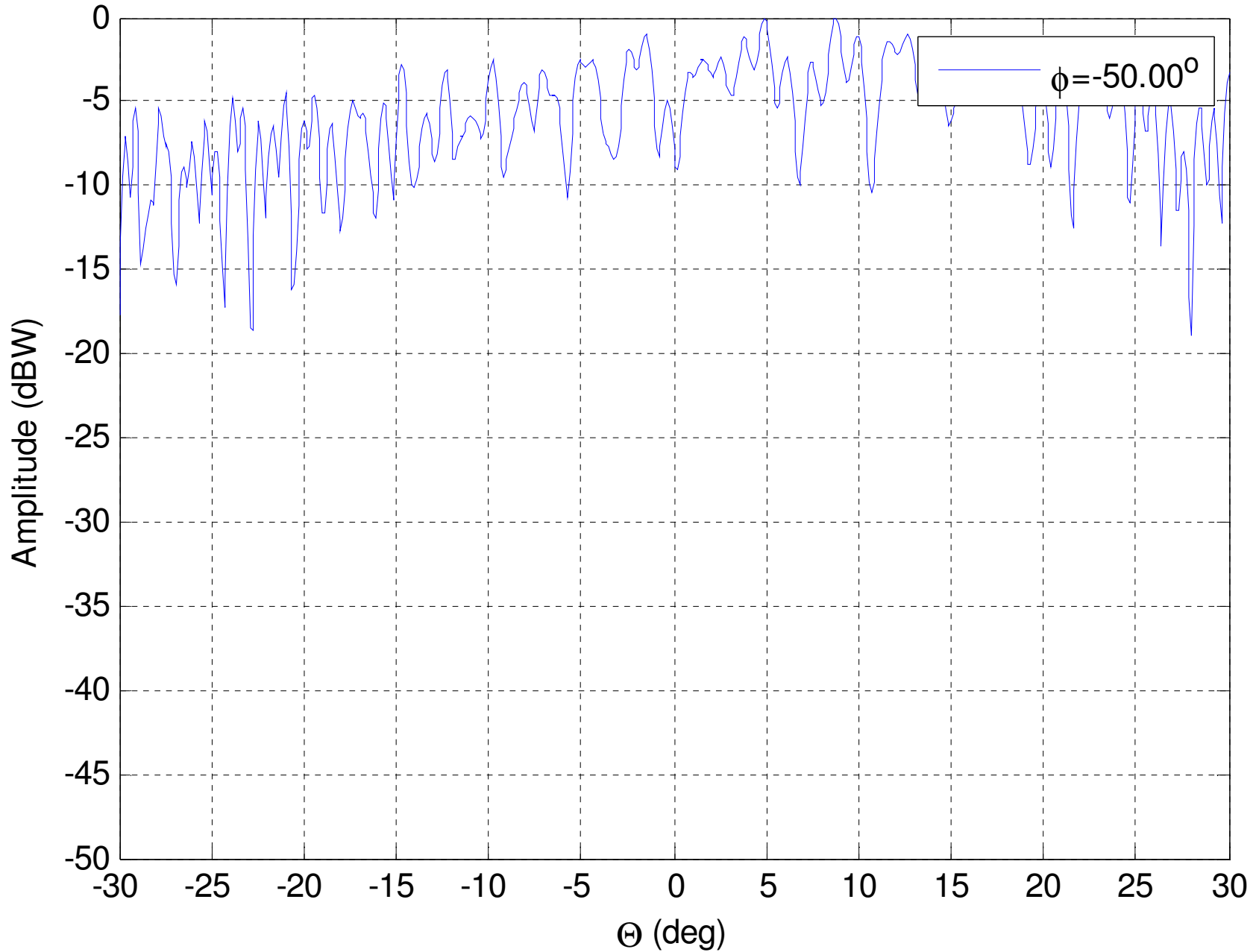
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--60.cut, Peak: -1.83 dBW, Date: 19-Sep-2011



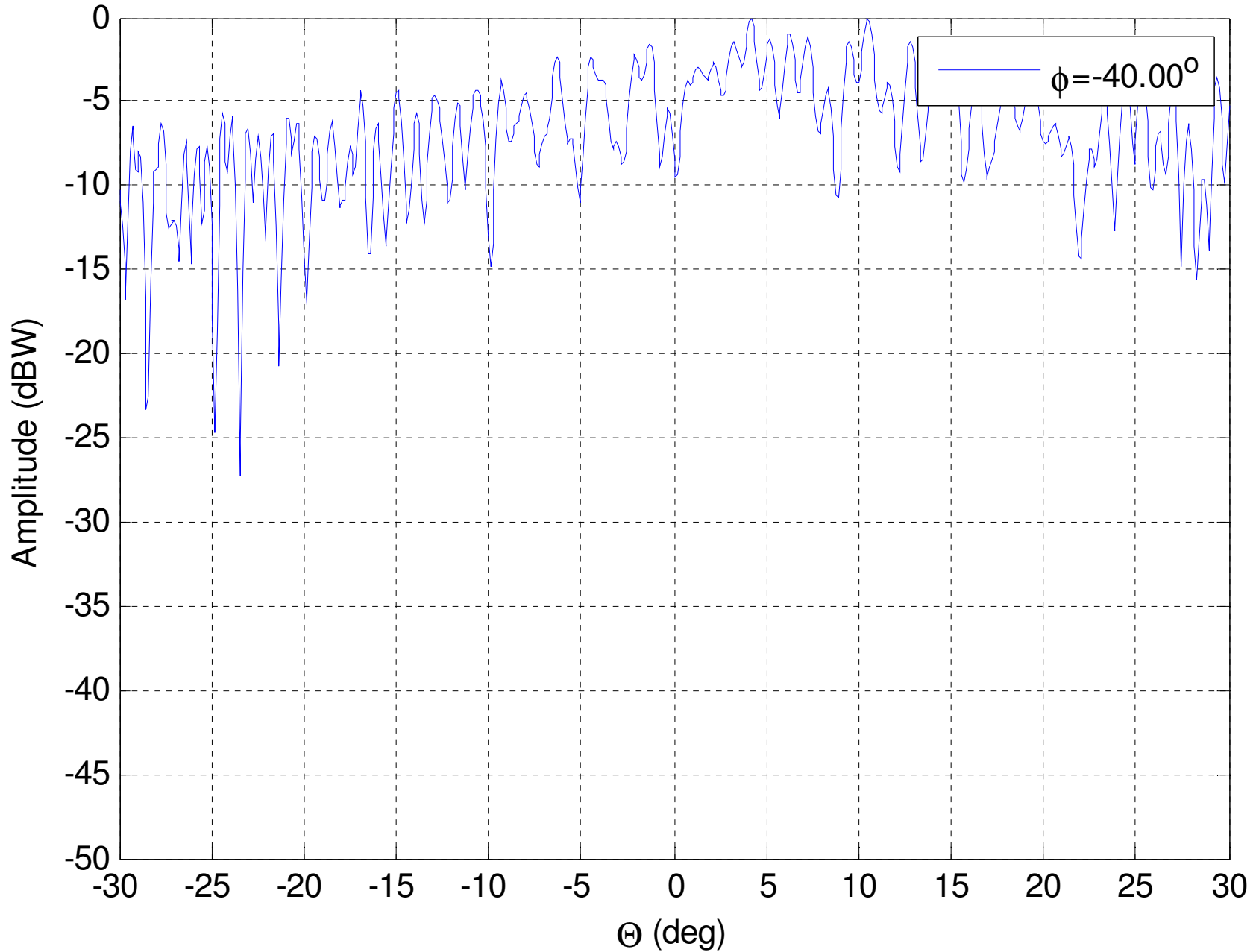
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--50.cut, Peak: -1.83 dBW, Date: 19-Sep-2011



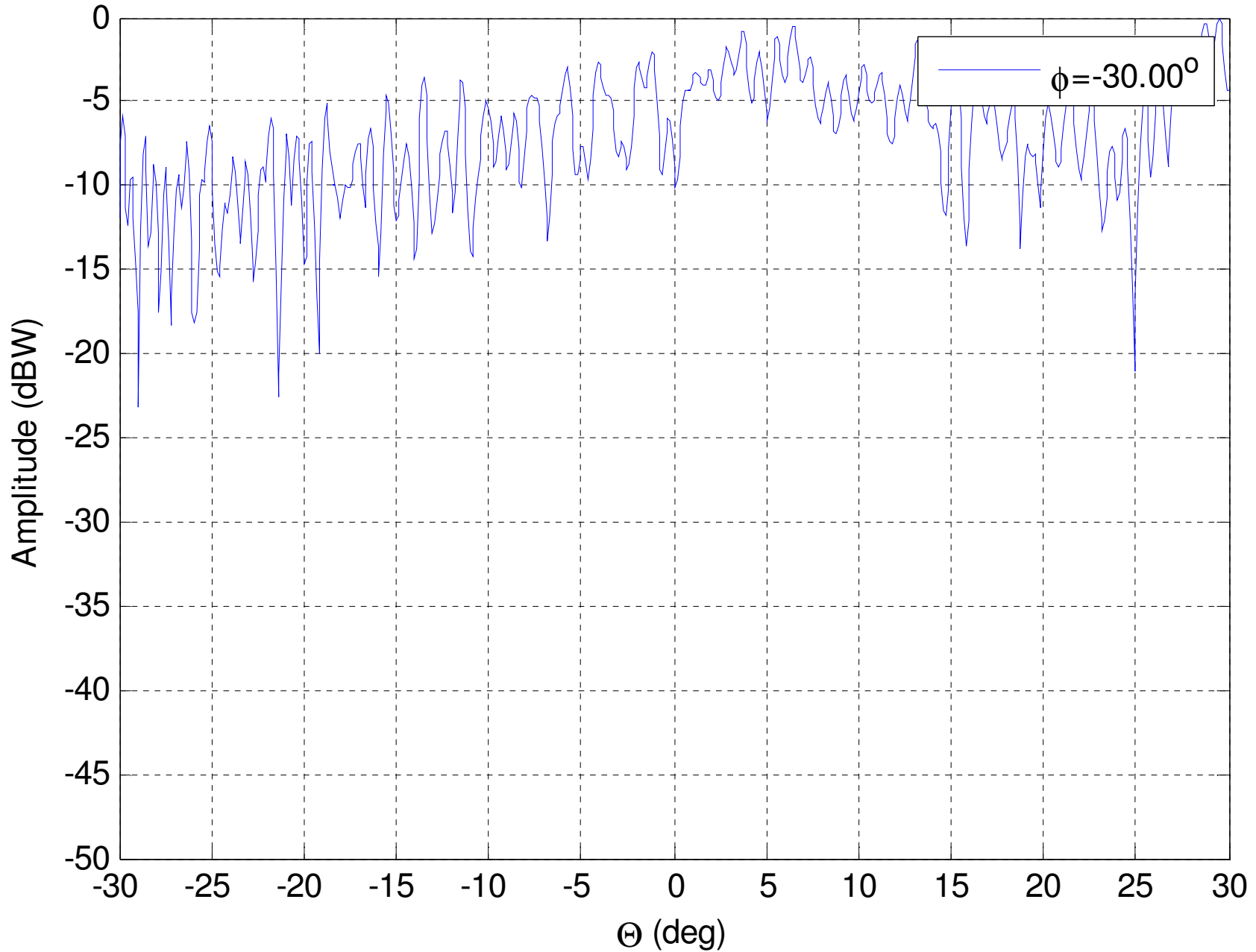
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--40.cut, Peak: -1.26 dBW, Date: 19-Sep-2011



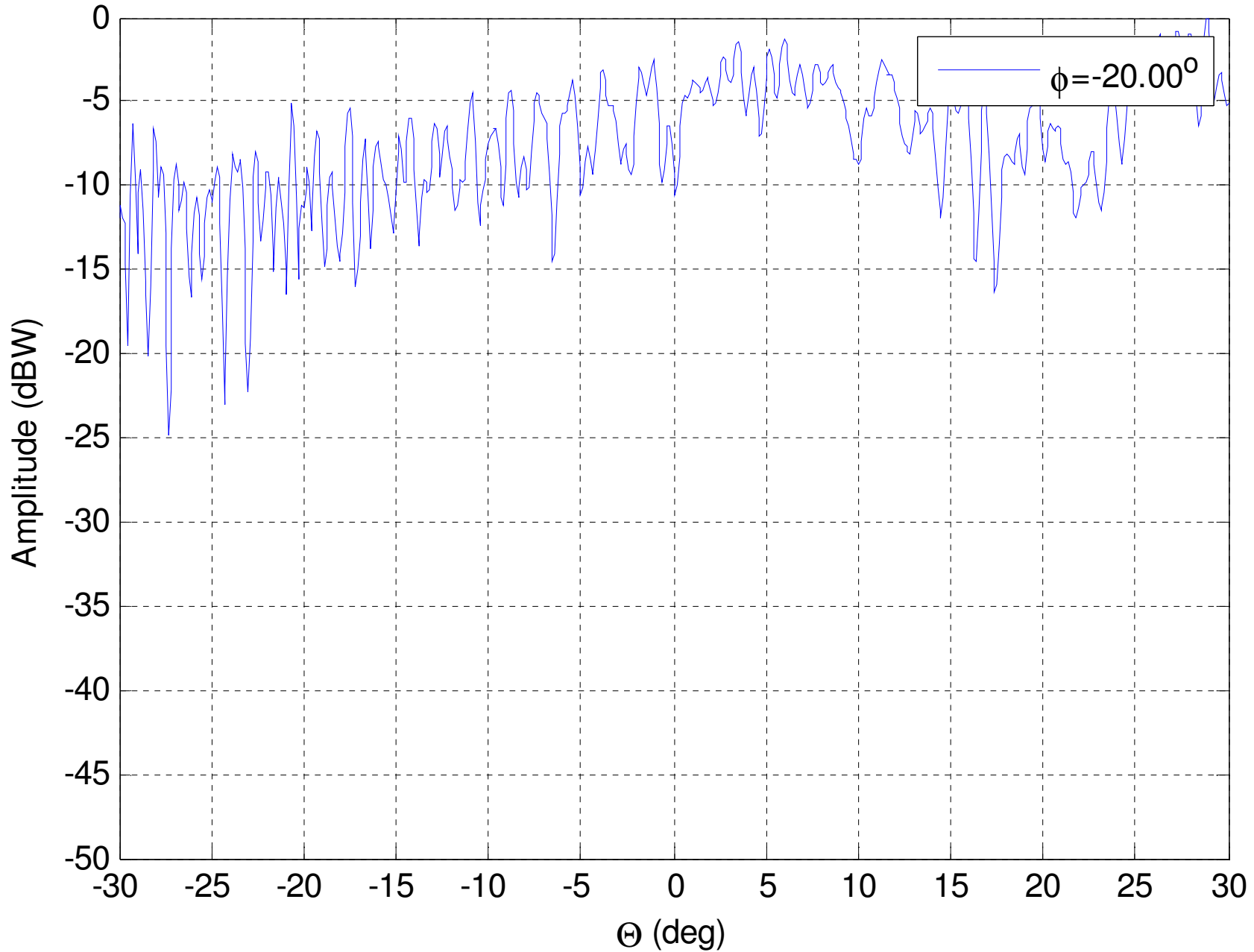
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--30.cut, Peak: -0.77 dBW, Date: 19-Sep-2011



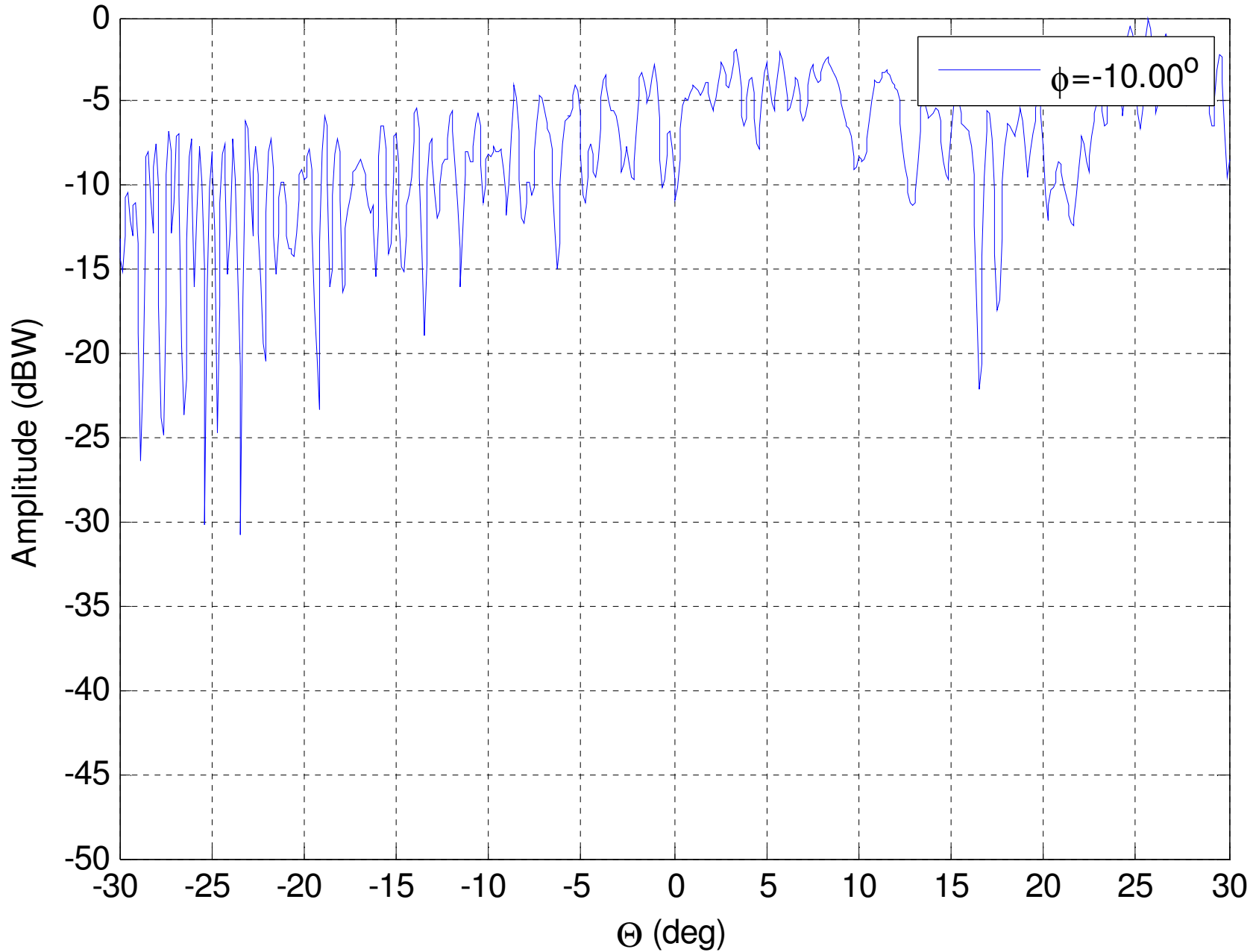
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--20.cut, Peak: -0.33 dBW, Date: 19-Sep-2011



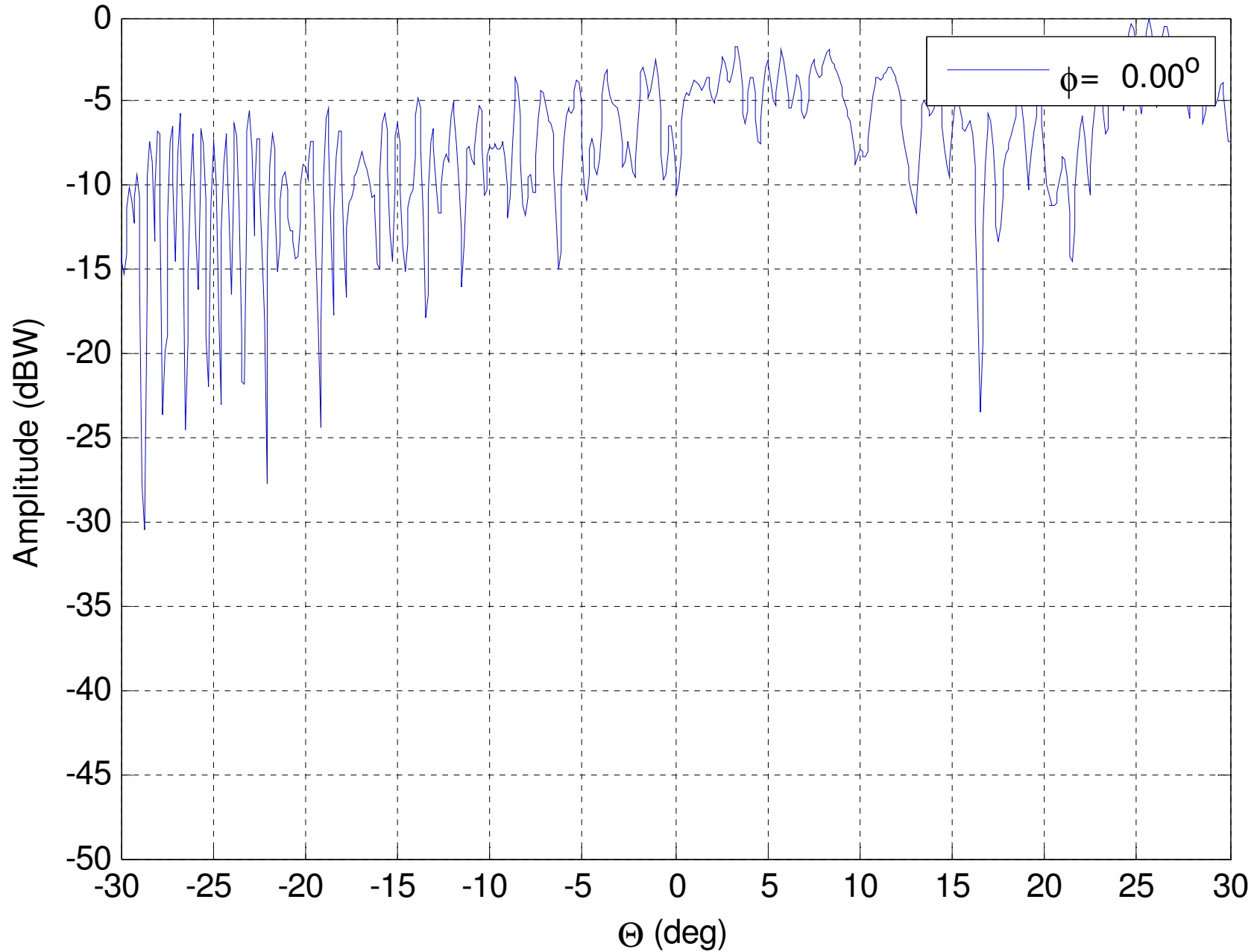
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--10.cut, Peak: -0.02 dBW, Date: 19-Sep-2011



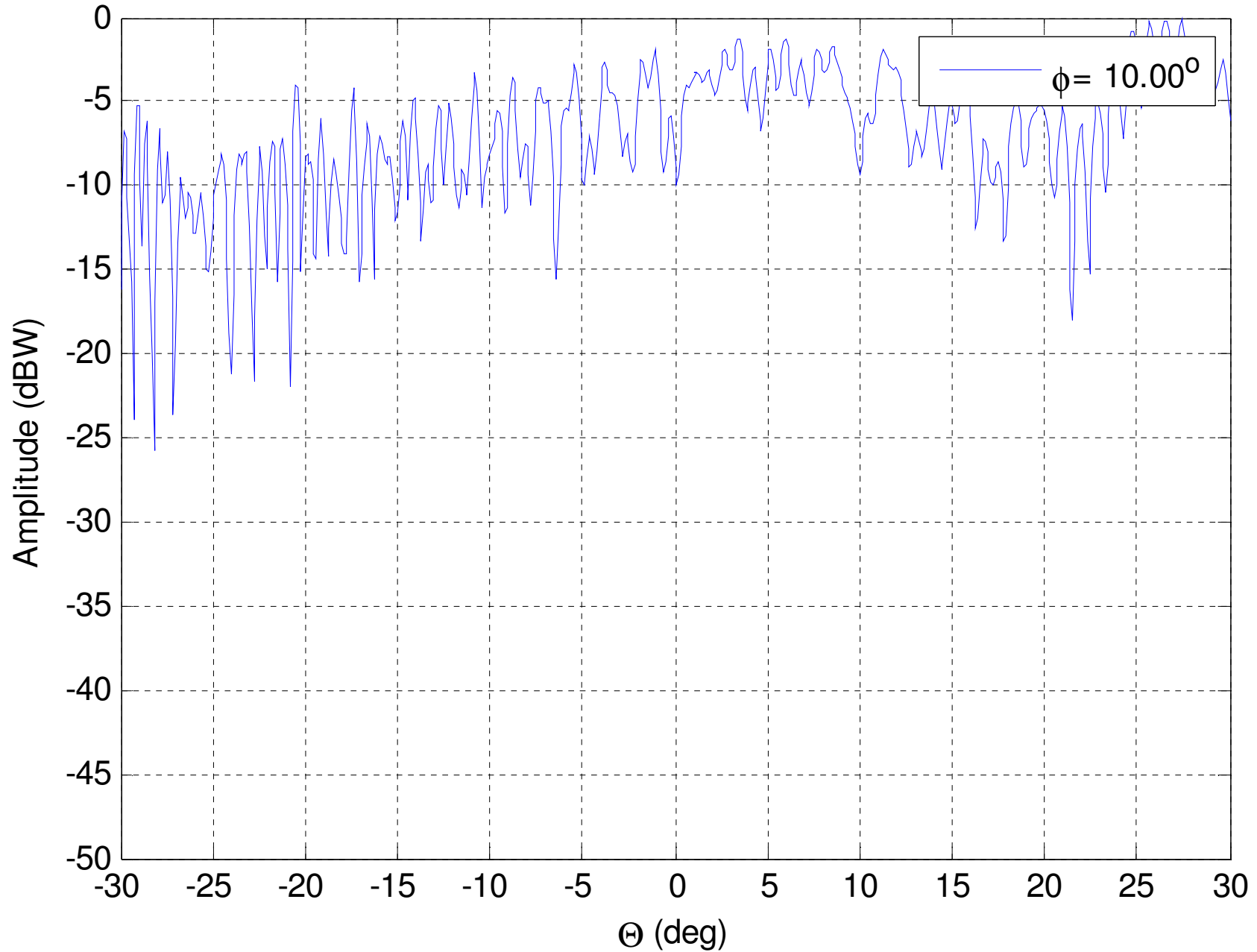
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-0.cut, Peak: -0.33 dBW, Date: 19-Sep-2011



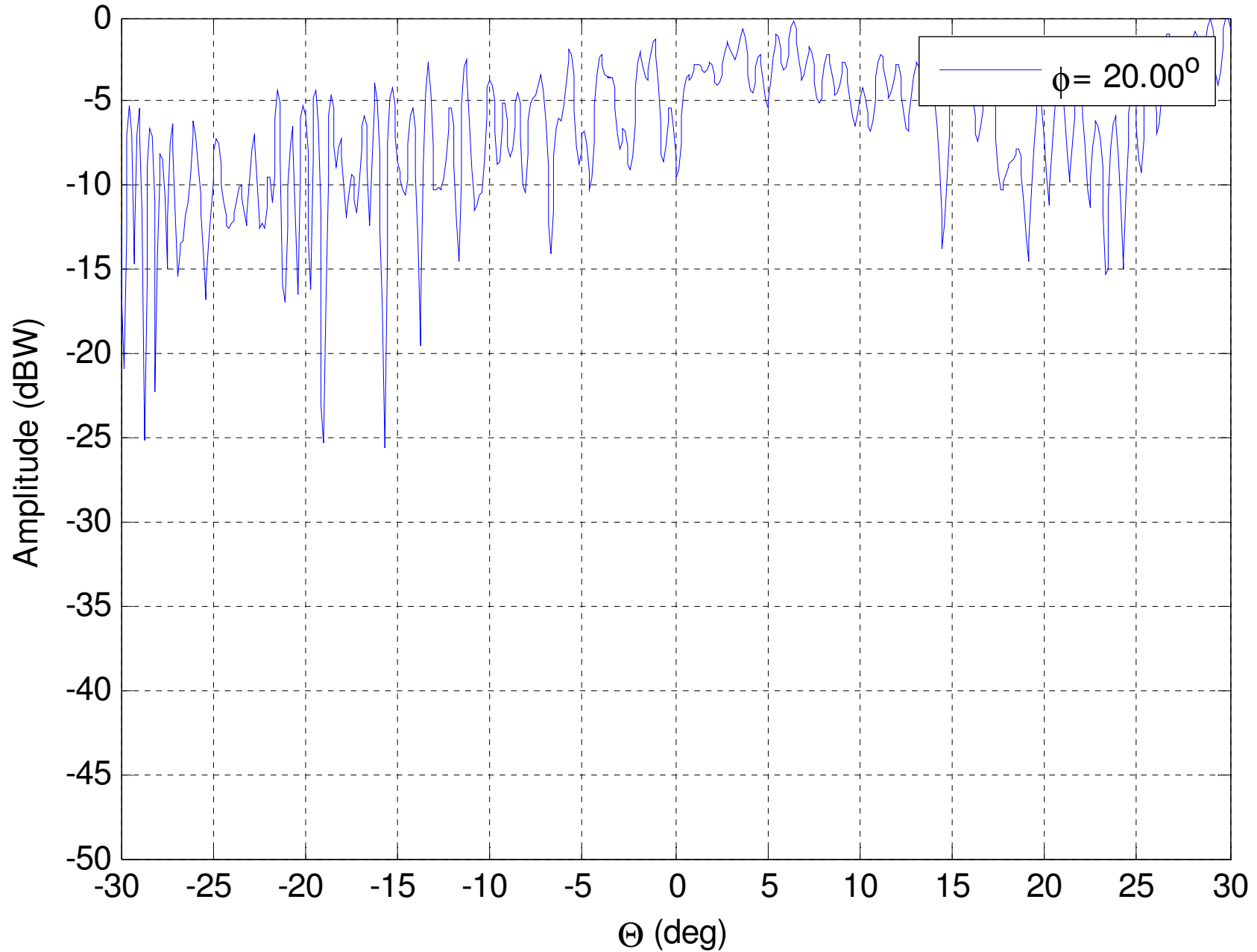
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-10.cut, Peak: -0.84 dBW, Date: 19-Sep-2011



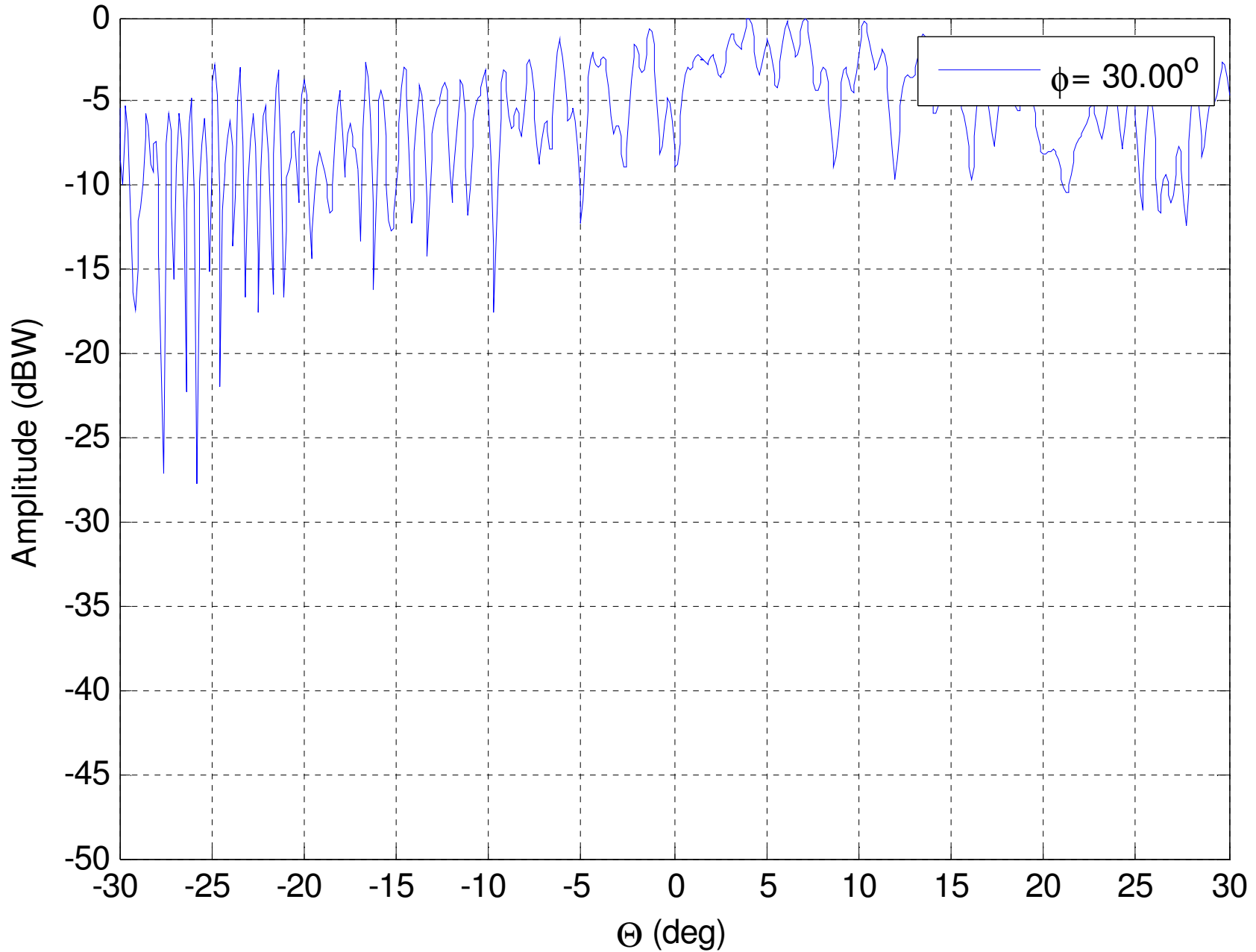
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-20.cut, Peak: -1.36 dBW, Date: 19-Sep-2011



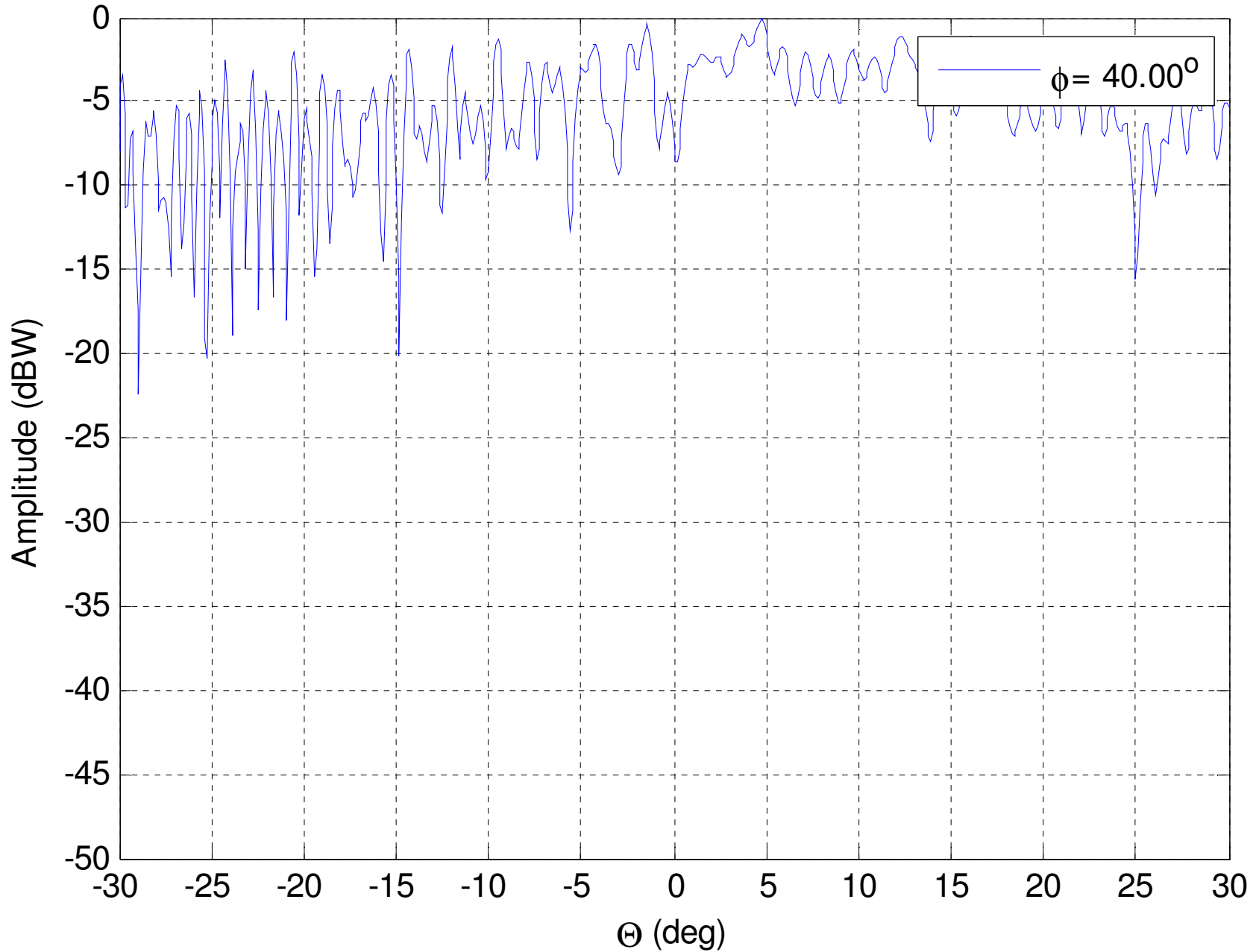
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-30.cut, Peak: -1.89 dBW, Date: 19-Sep-2011



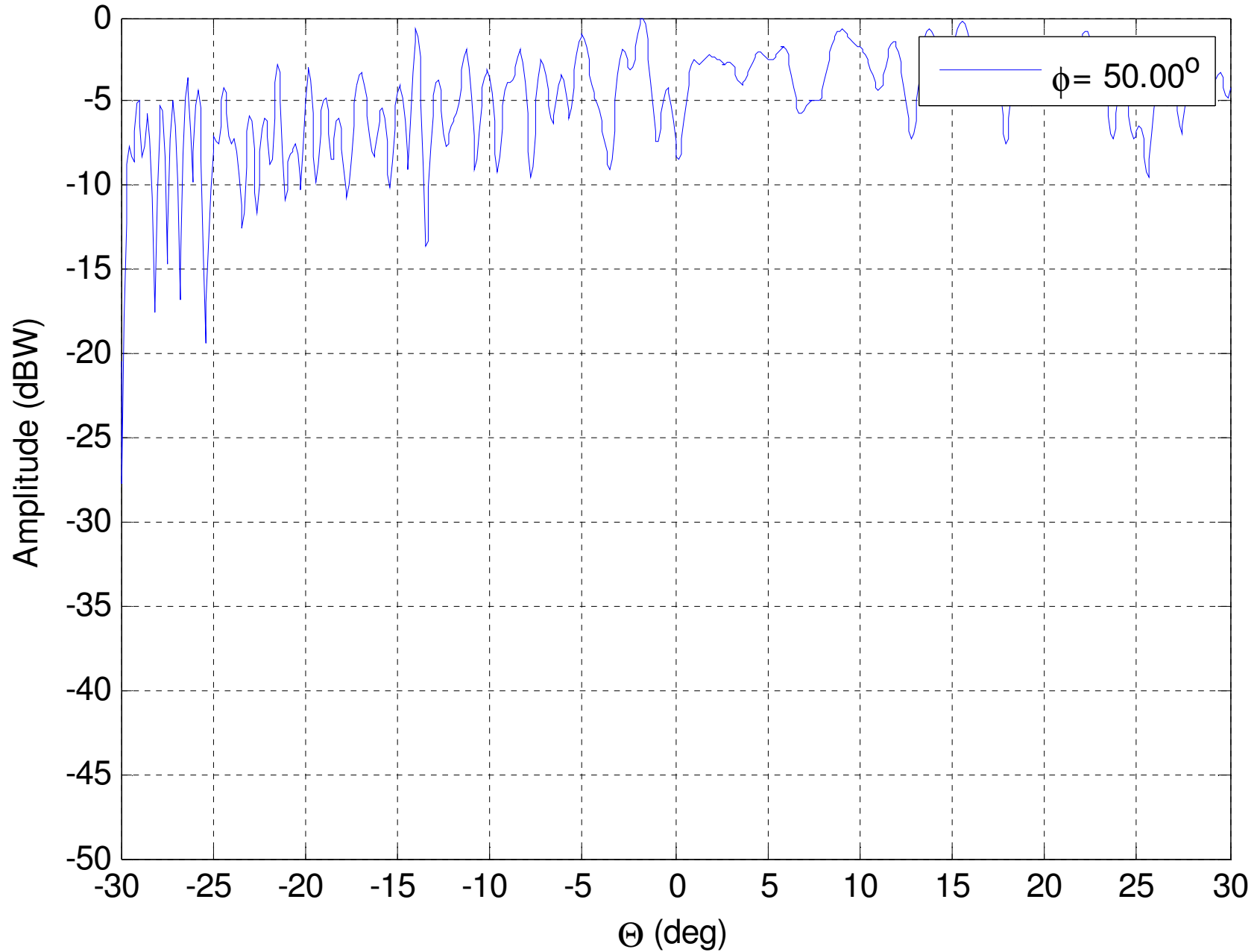
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-40.cut, Peak: -2.09 dBW, Date: 19-Sep-2011



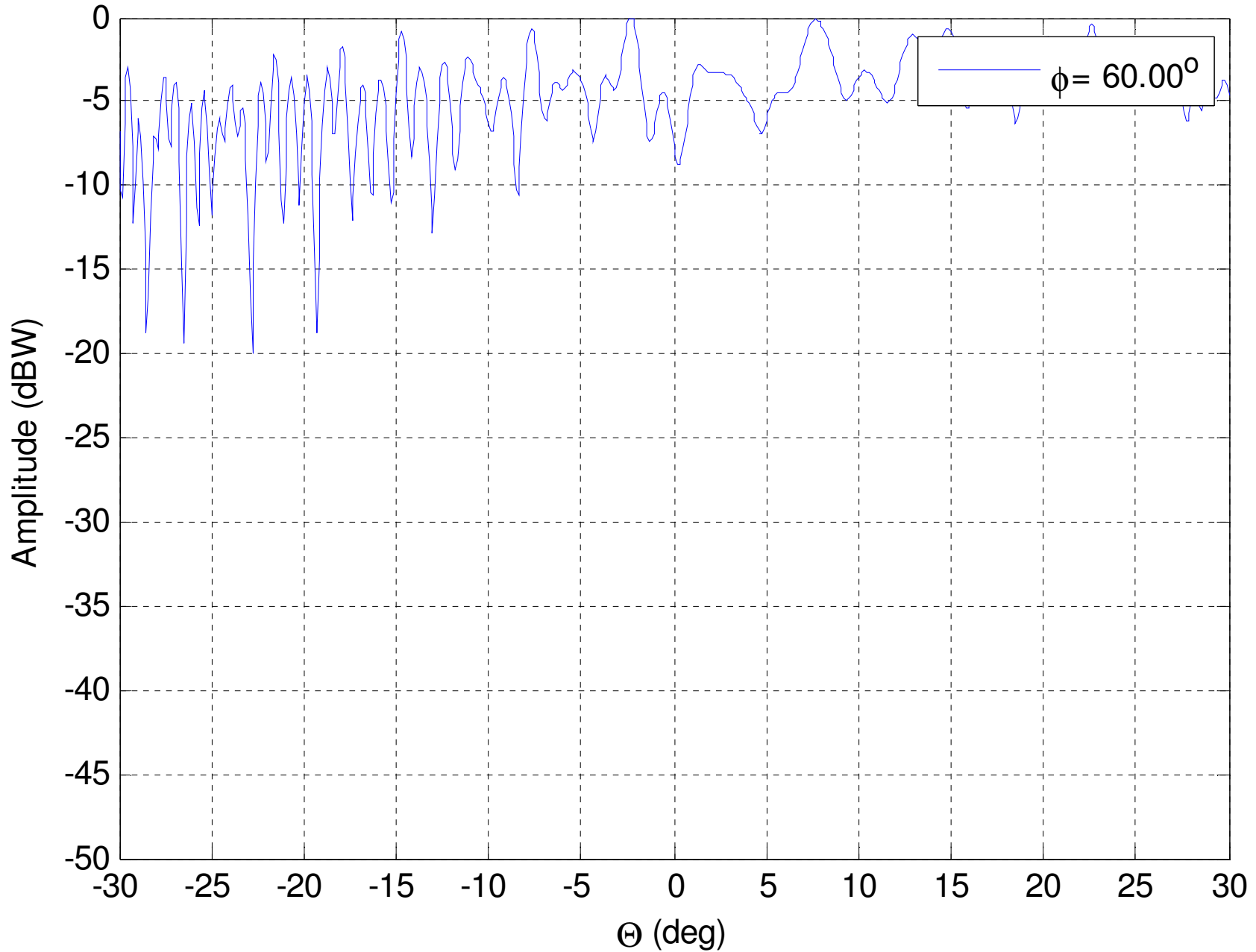
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-50.cut, Peak: -2.35 dBW, Date: 19-Sep-2011



Normalized pattern cuts - farfield

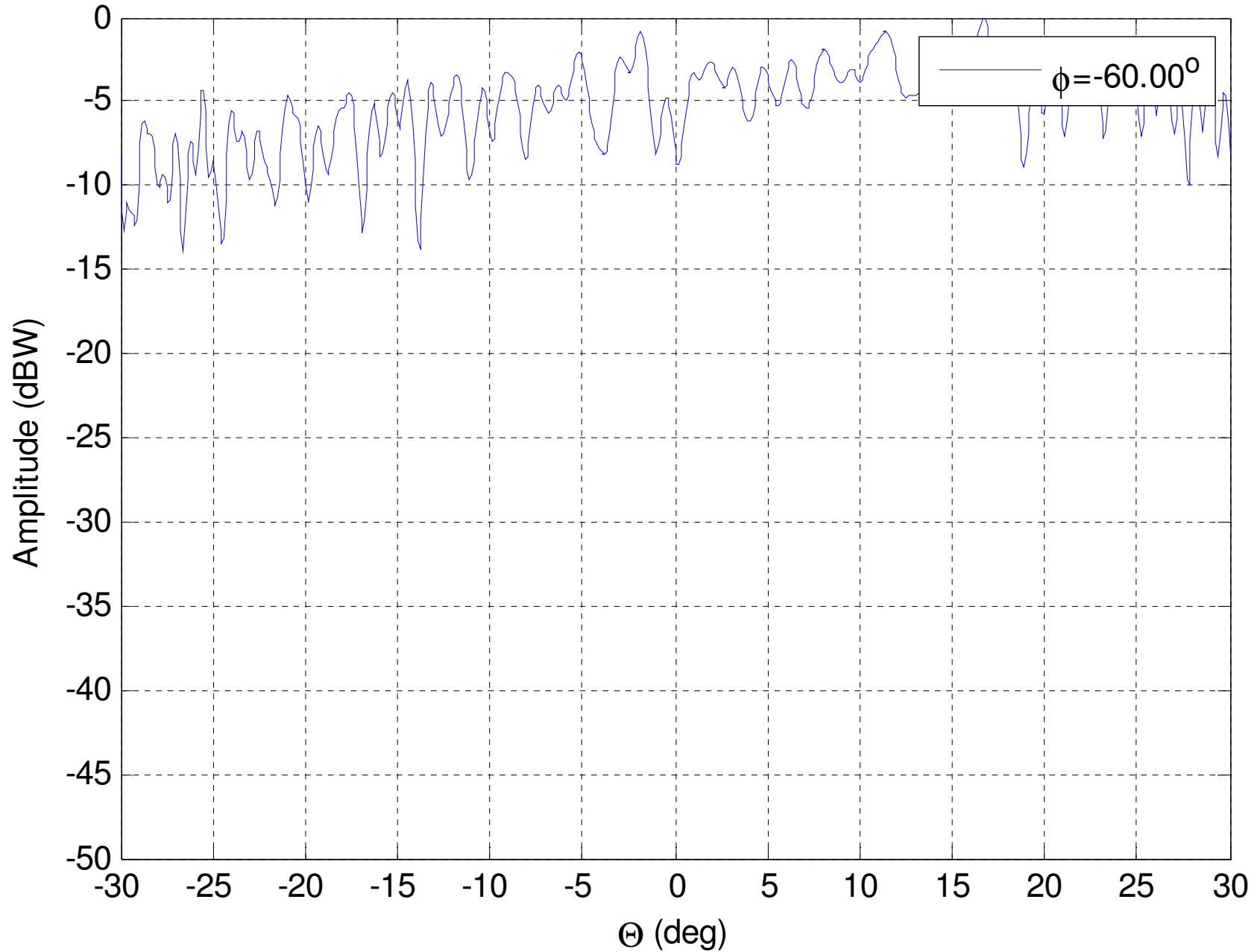
Input file: tx-17.8-rhcp-60.cut, Peak: -2.09 dBW, Date: 19-Sep-2011



LHCP at 17.795 GHz

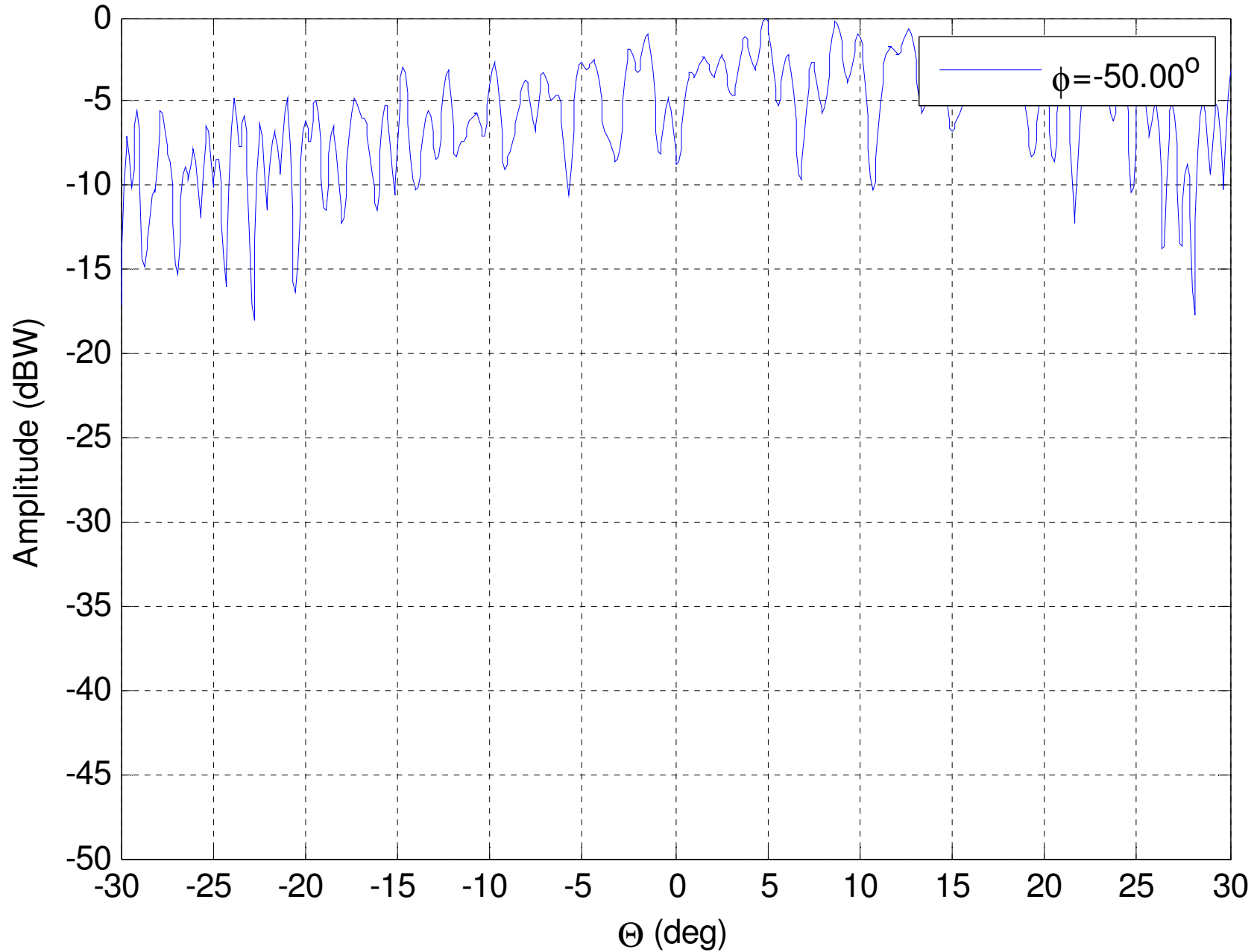
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--60.cut, Peak: -1.84 dBW, Date: 19-Sep-2011



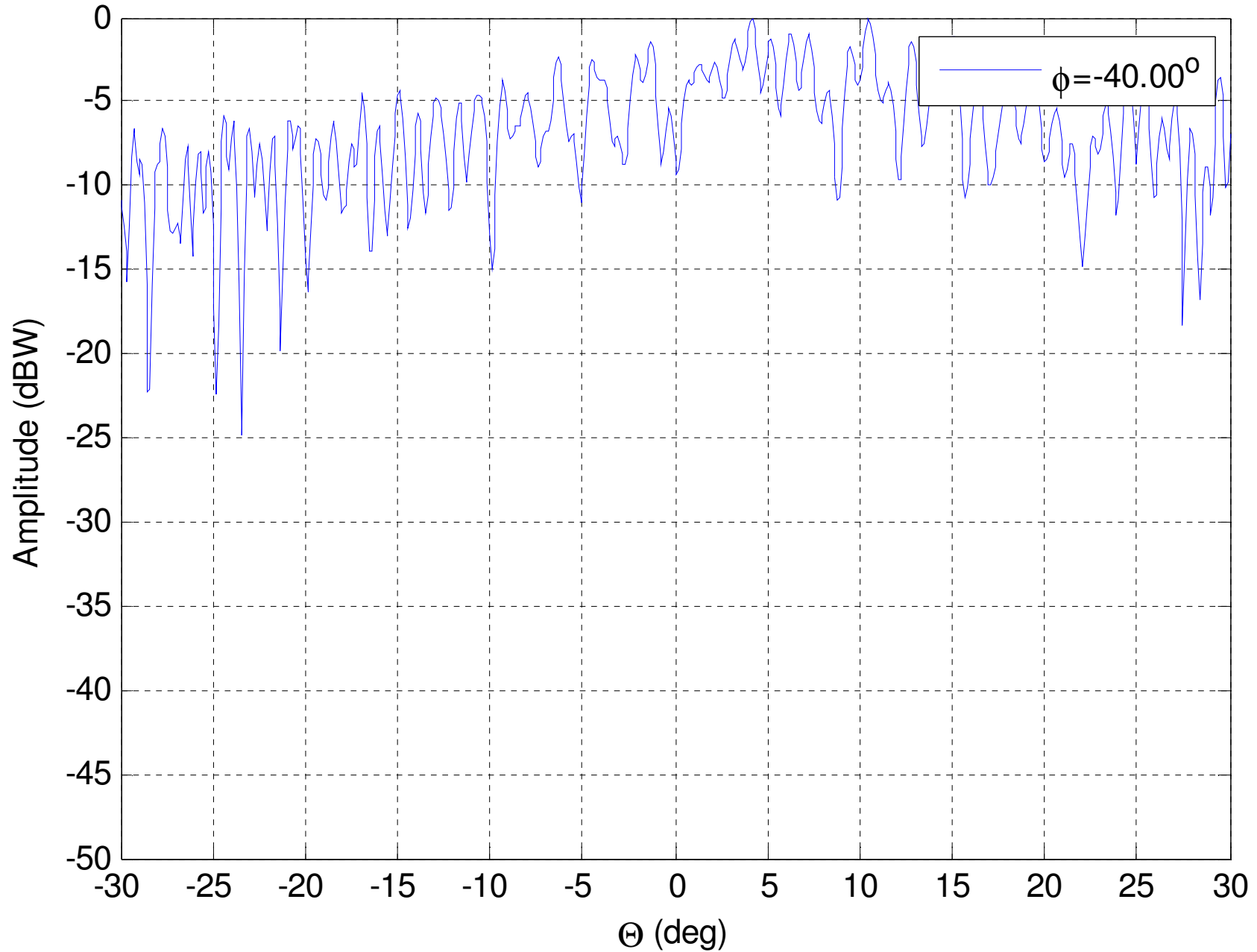
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--50.cut, Peak: -1.82 dBW, Date: 19-Sep-2011



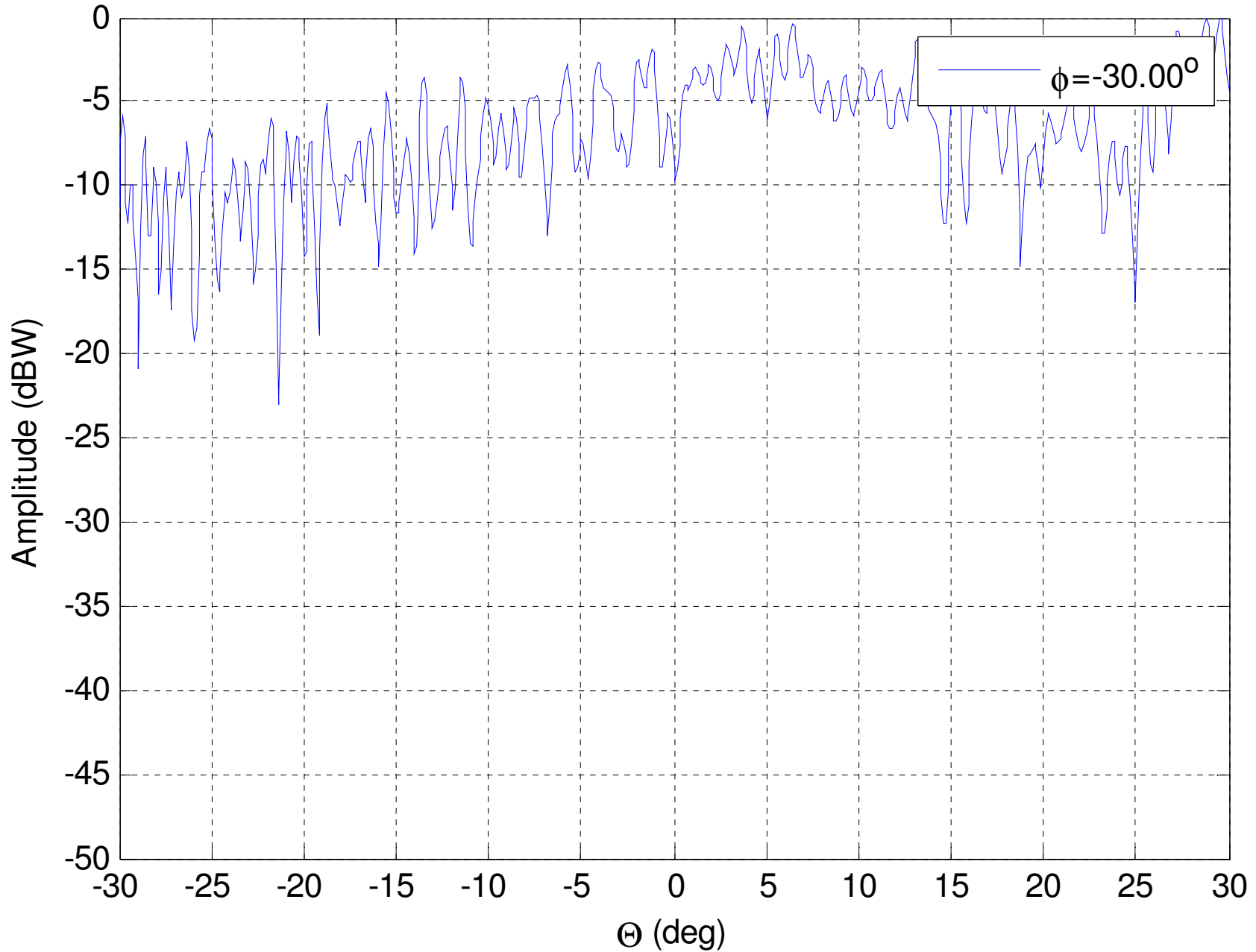
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--40.cut, Peak: -1.26 dBW, Date: 19-Sep-2011



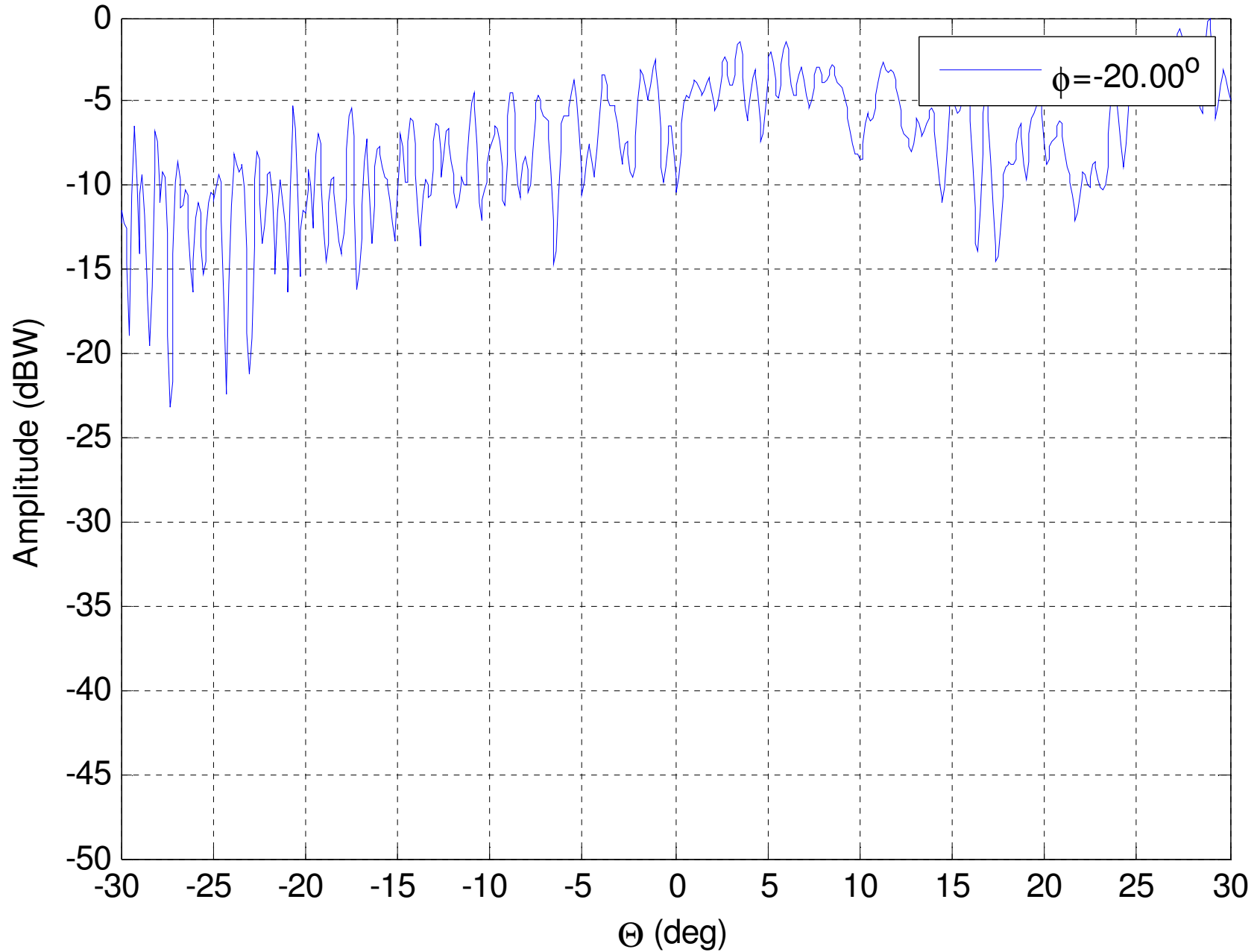
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--30.cut, Peak: -0.94 dBW, Date: 19-Sep-2011



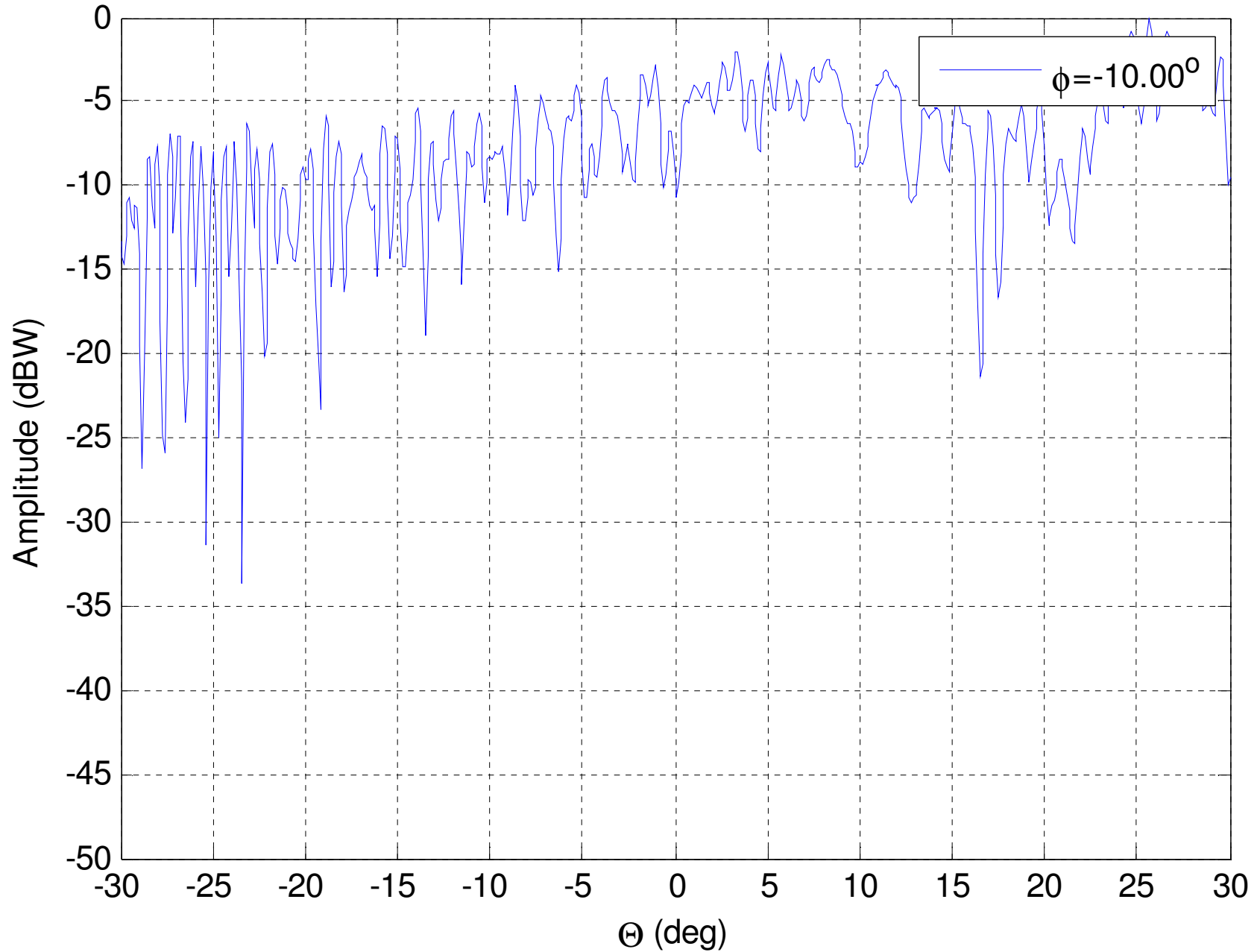
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--20.cut, Peak: -0.27 dBW, Date: 19-Sep-2011



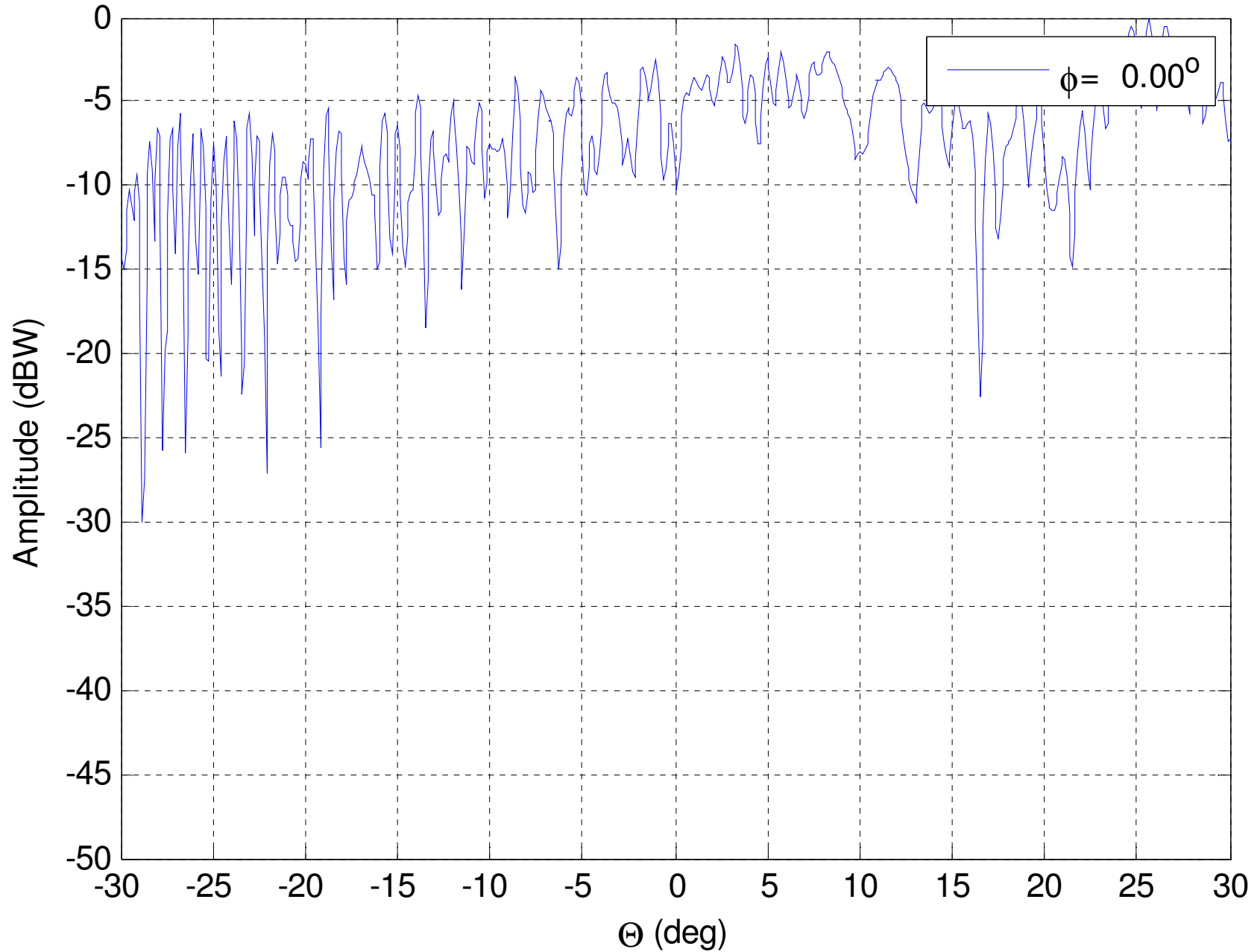
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--10.cut, Peak: -0.00 dBW, Date: 19-Sep-2011



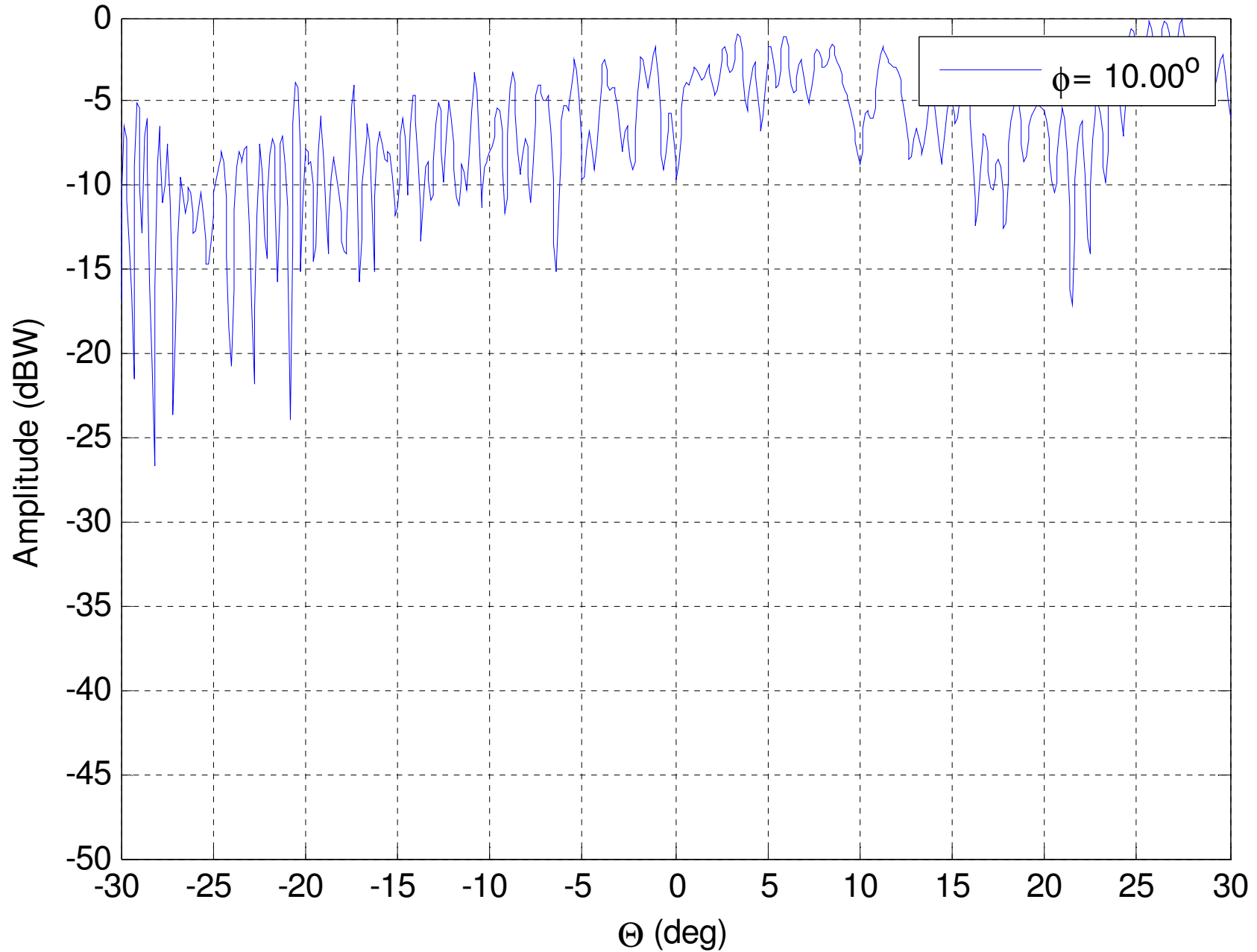
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-0.cut, Peak: -0.39 dBW, Date: 19-Sep-2011



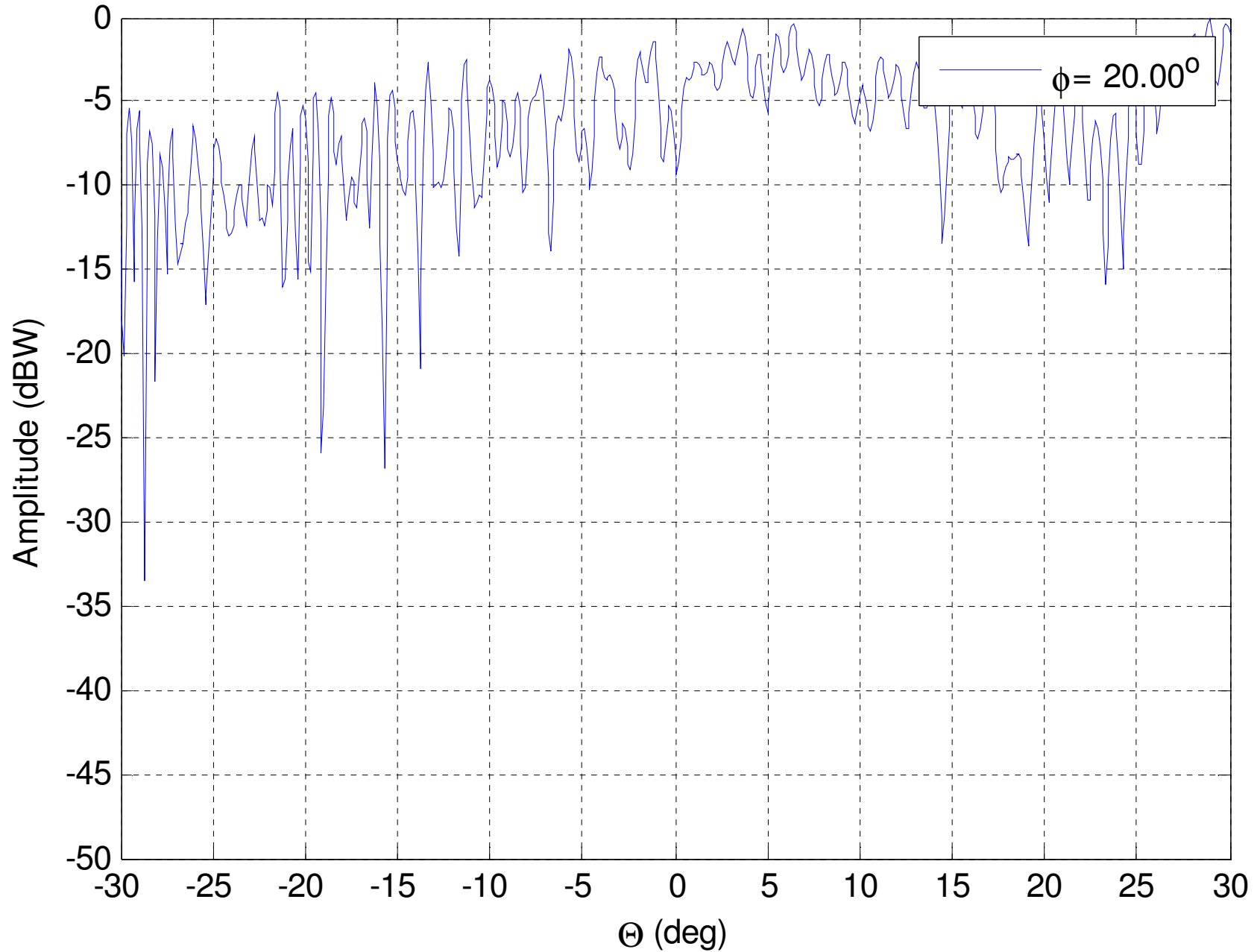
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-10.cut, Peak: -1.03 dBW, Date: 19-Sep-2011



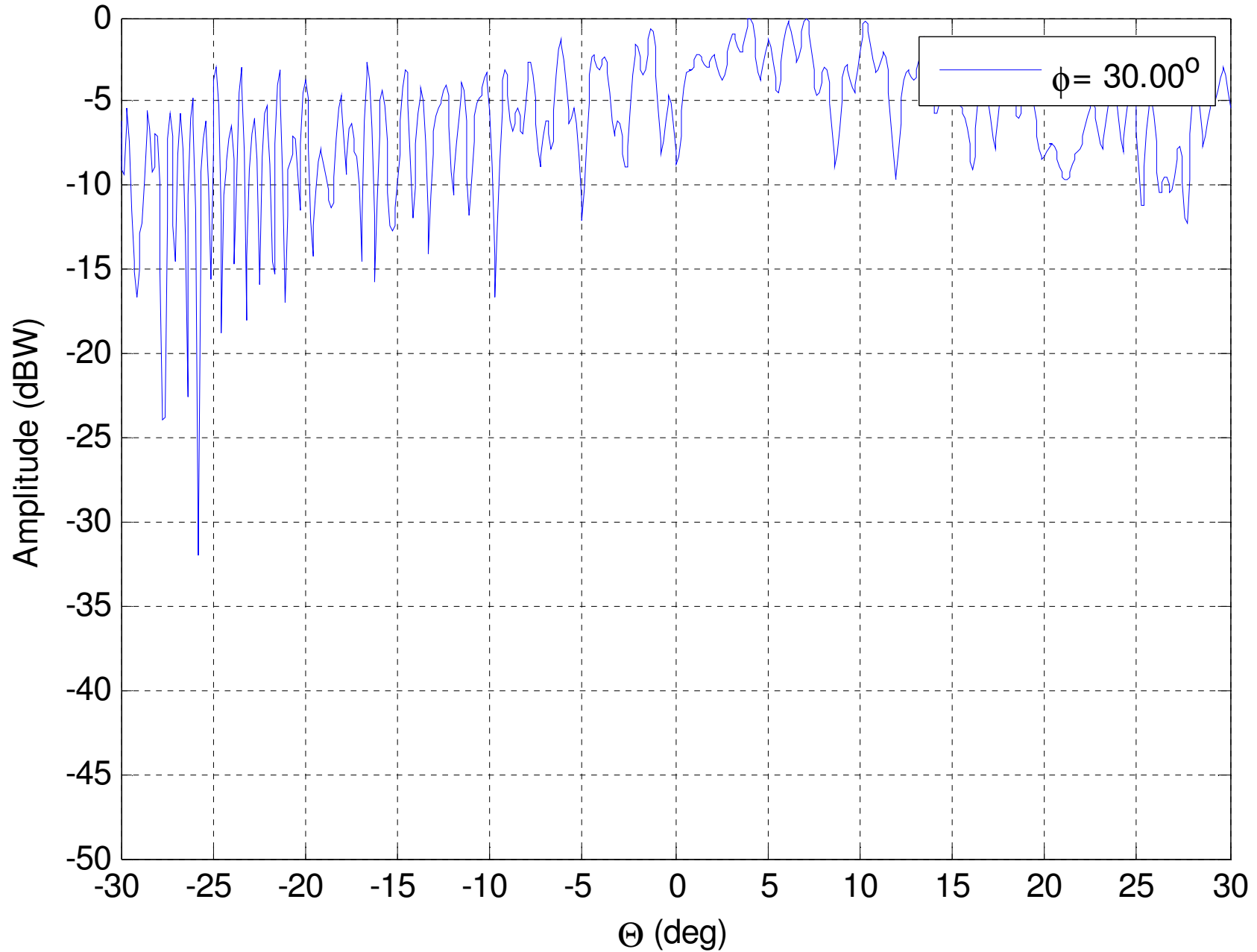
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-20.cut, Peak: -1.35 dBW, Date: 19-Sep-2011



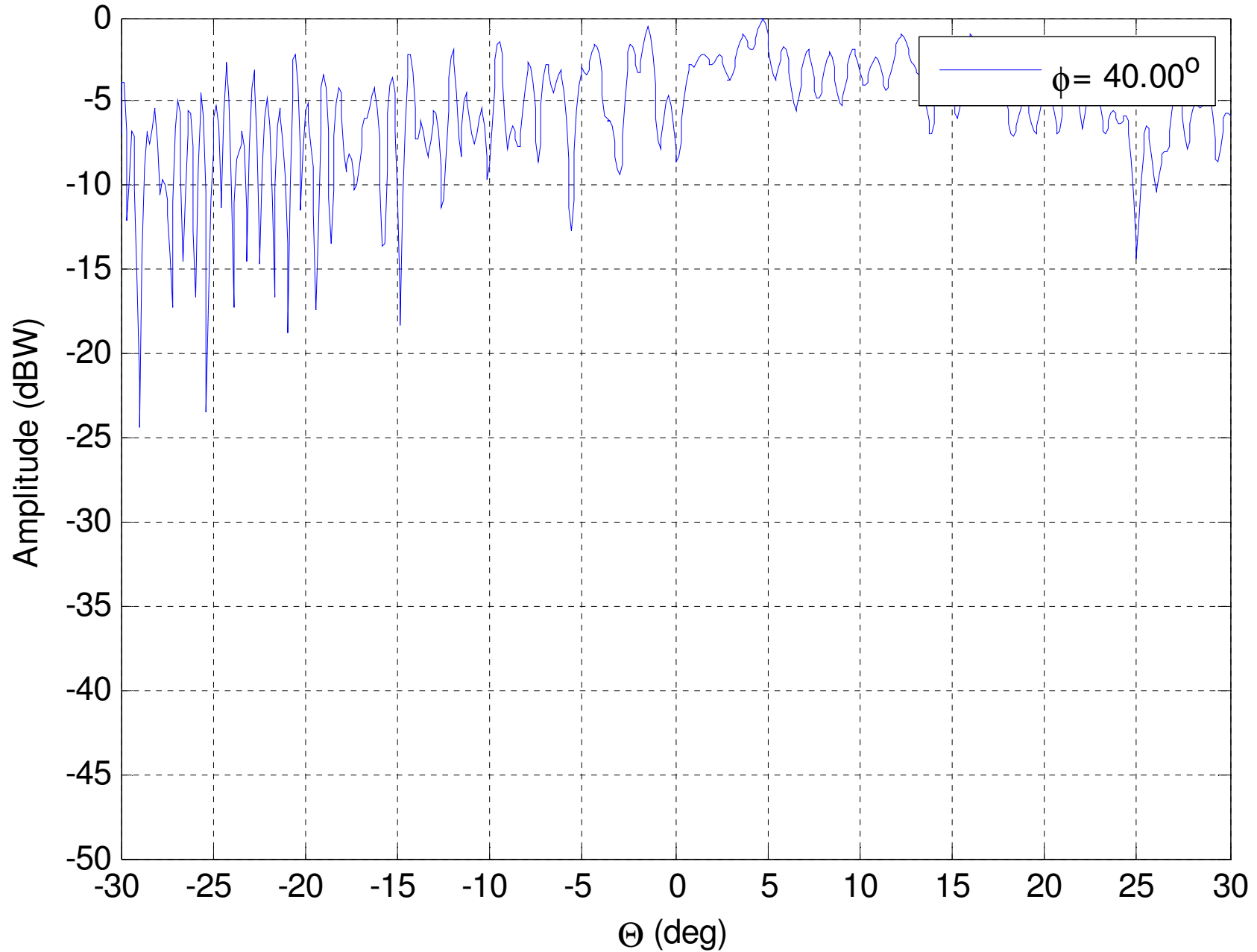
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-30.cut, Peak: -1.88 dBW, Date: 19-Sep-2011



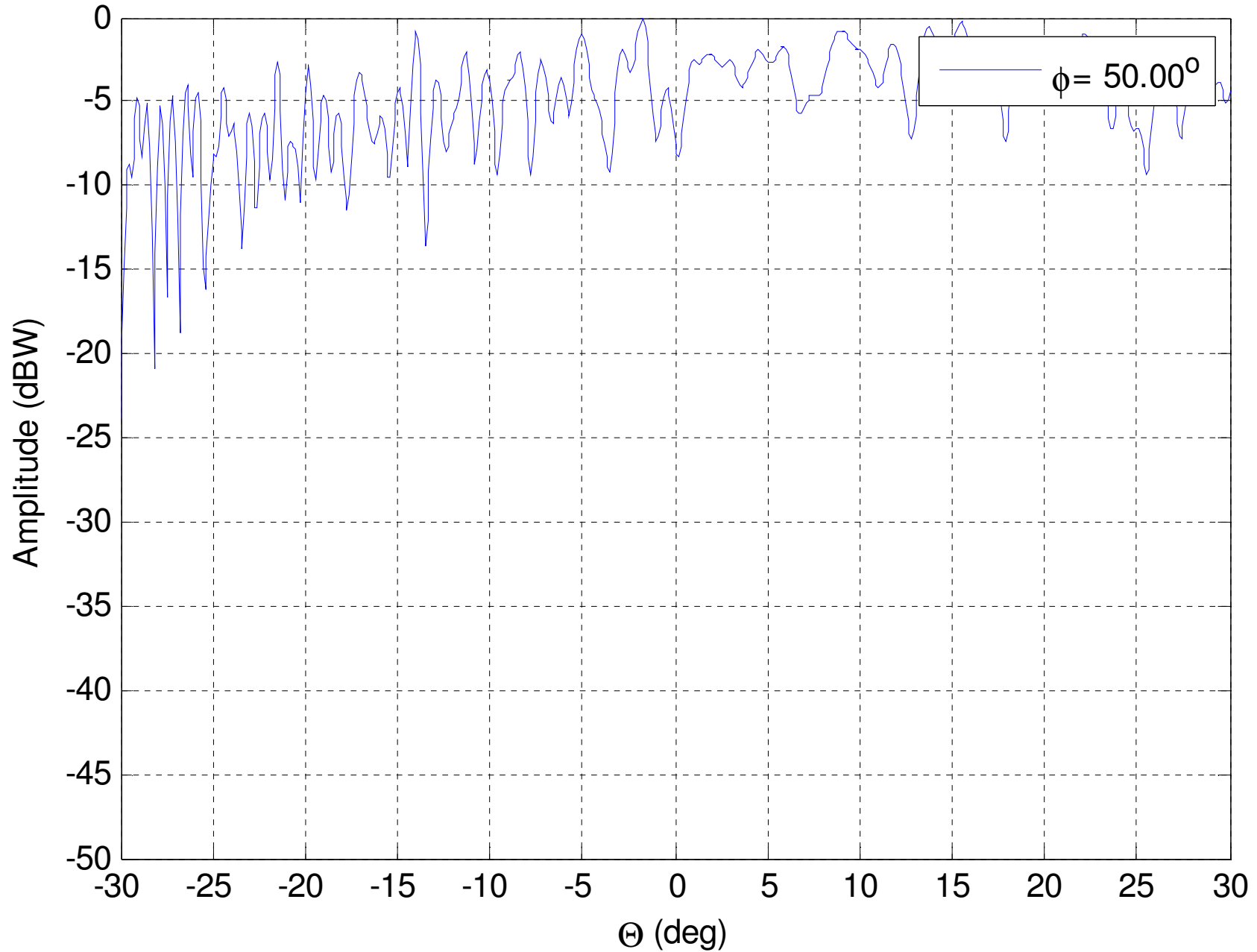
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-40.cut, Peak: -2.07 dBW, Date: 19-Sep-2011



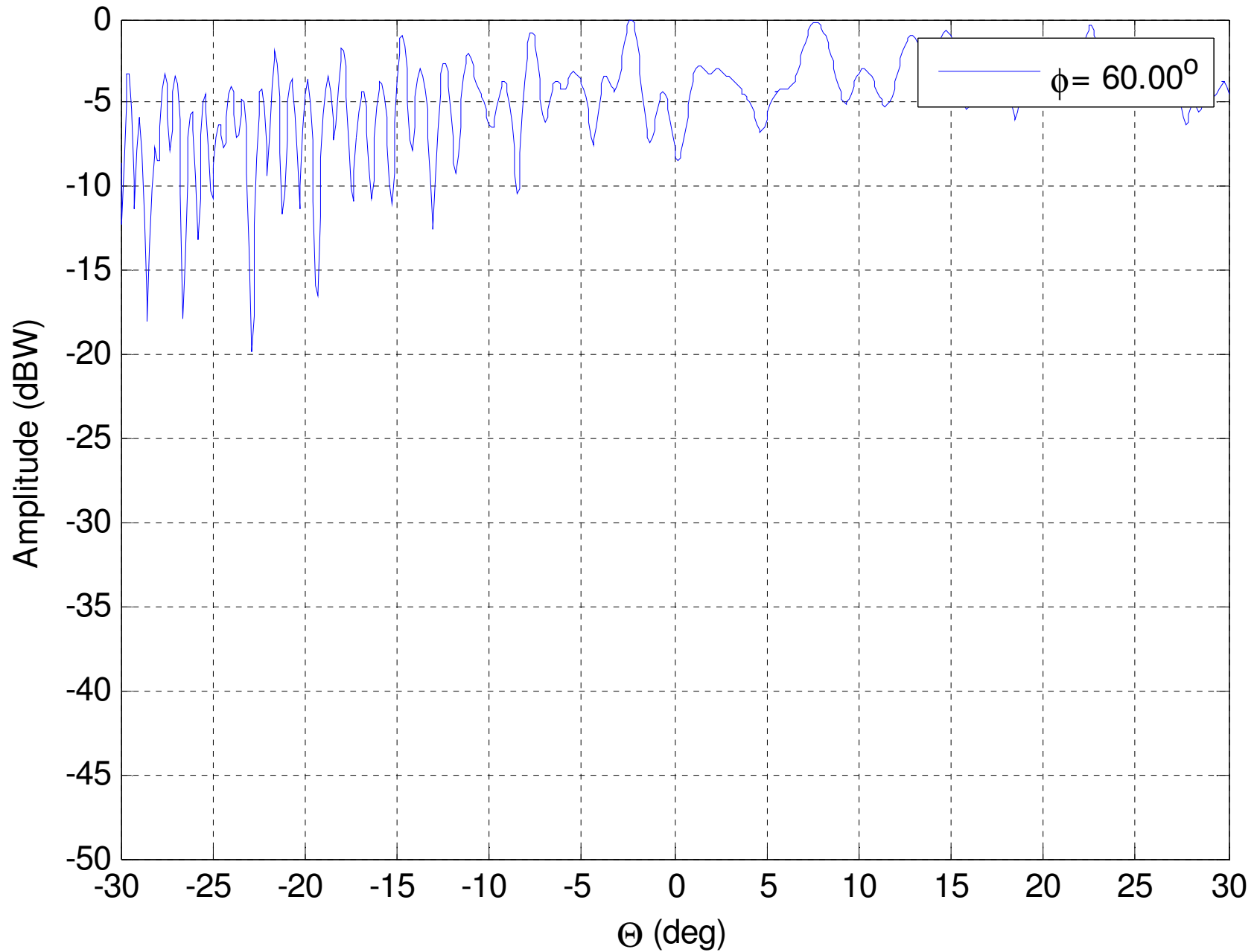
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-50.cut, Peak: -2.35 dBW, Date: 19-Sep-2011

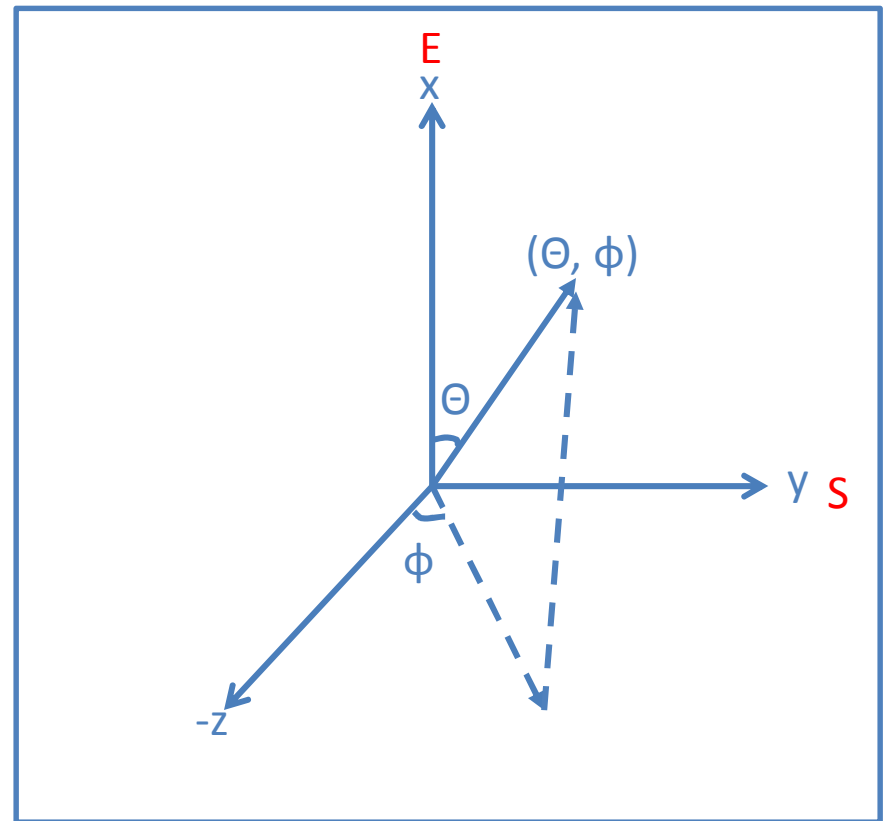
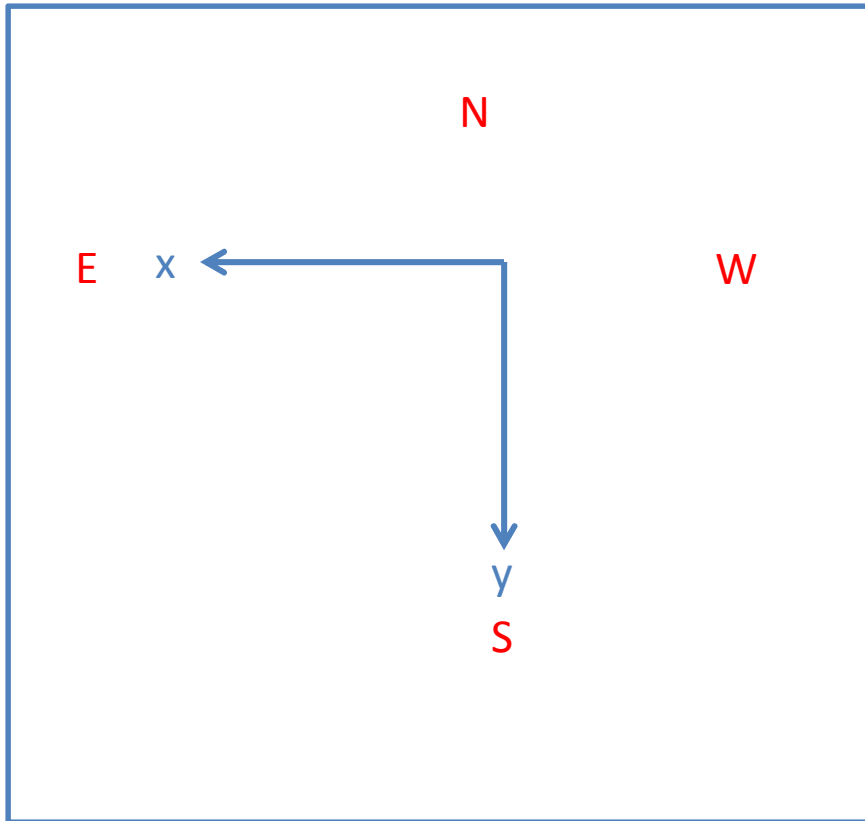


Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-60.cut, Peak: -2.13 dBW, Date: 19-Sep-2011



Coordinate System



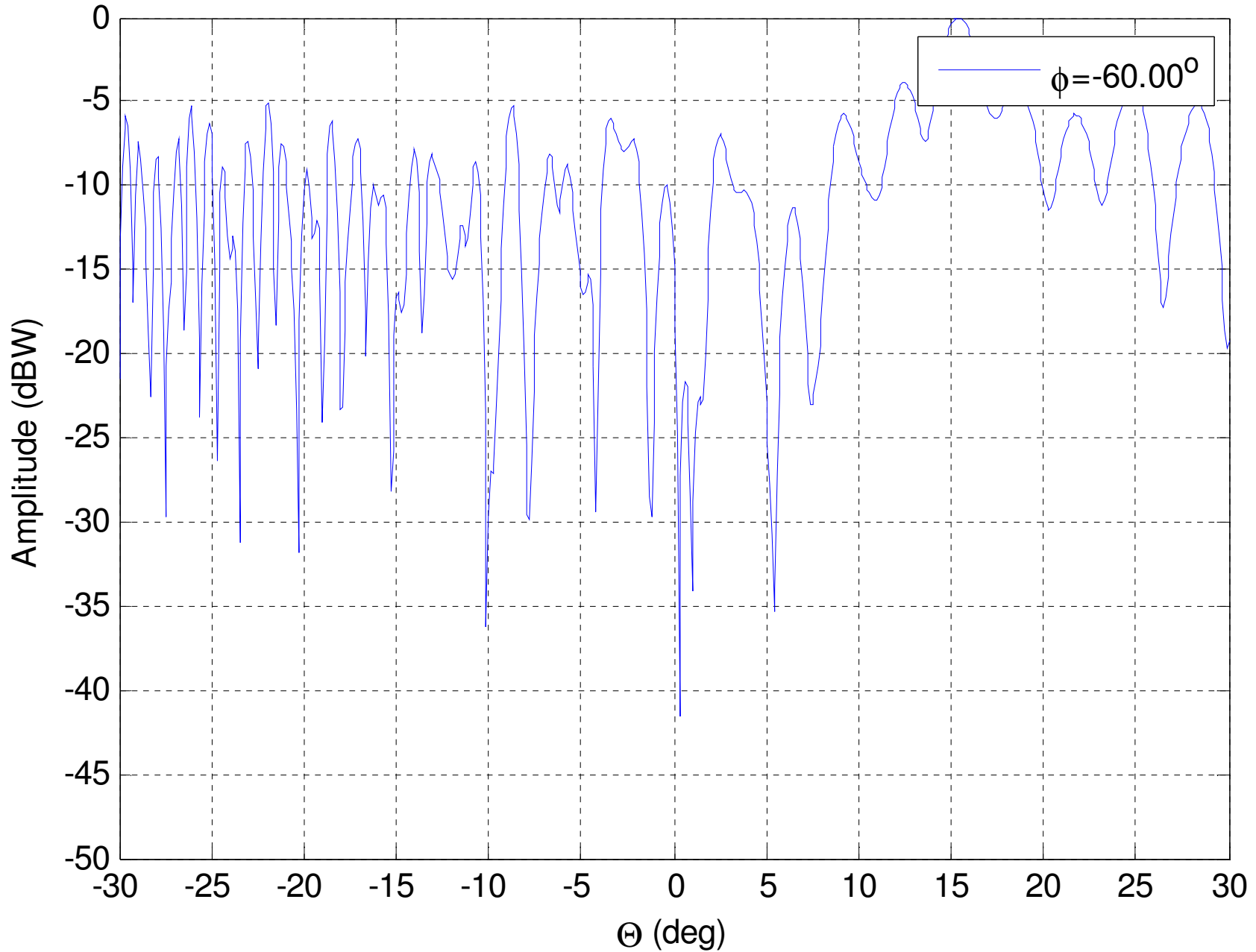
Mexican Beam, +X Axis Plots

- Both polarizations; RHCP, LHCP
- $-30^\circ < \Theta < 30^\circ$ ($\Theta=0$: +X-axis)
- $-60^\circ < \Phi < 60^\circ$
- Freq = 17.705, 17.75, and 17.795 GHz
- The Zero reference line is the peak EIRP listed in the title of each chart
- To convert to antenna directivity subtract the 20.0 dBW conversion factor from the amplitude
- All levels are significantly below the required 46.4 dBW EIRP shown on the chart on page 2

RHCP at 17.705 GHz

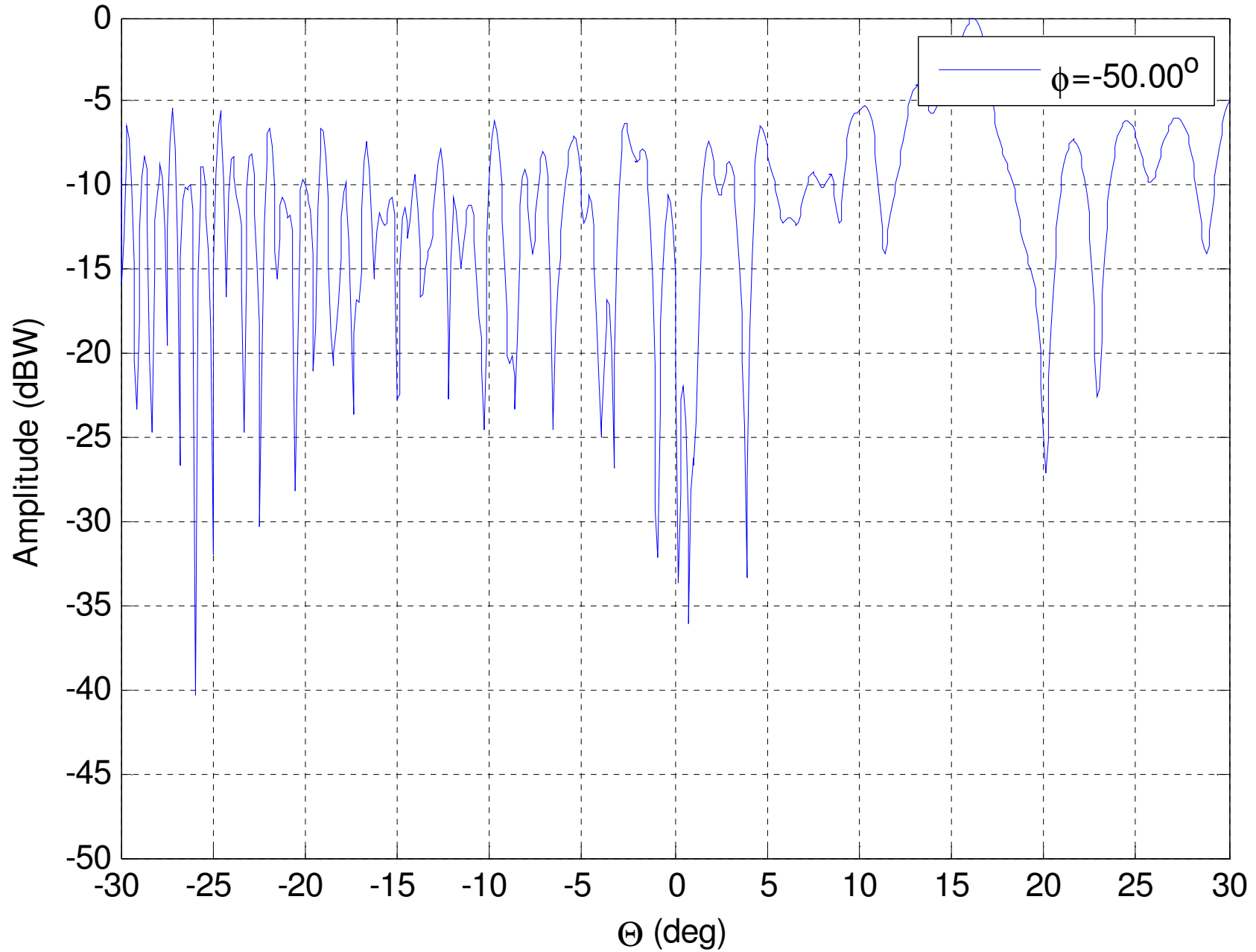
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--60.cut, Peak: 3.41 dBW, Date: 19-Sep-2011



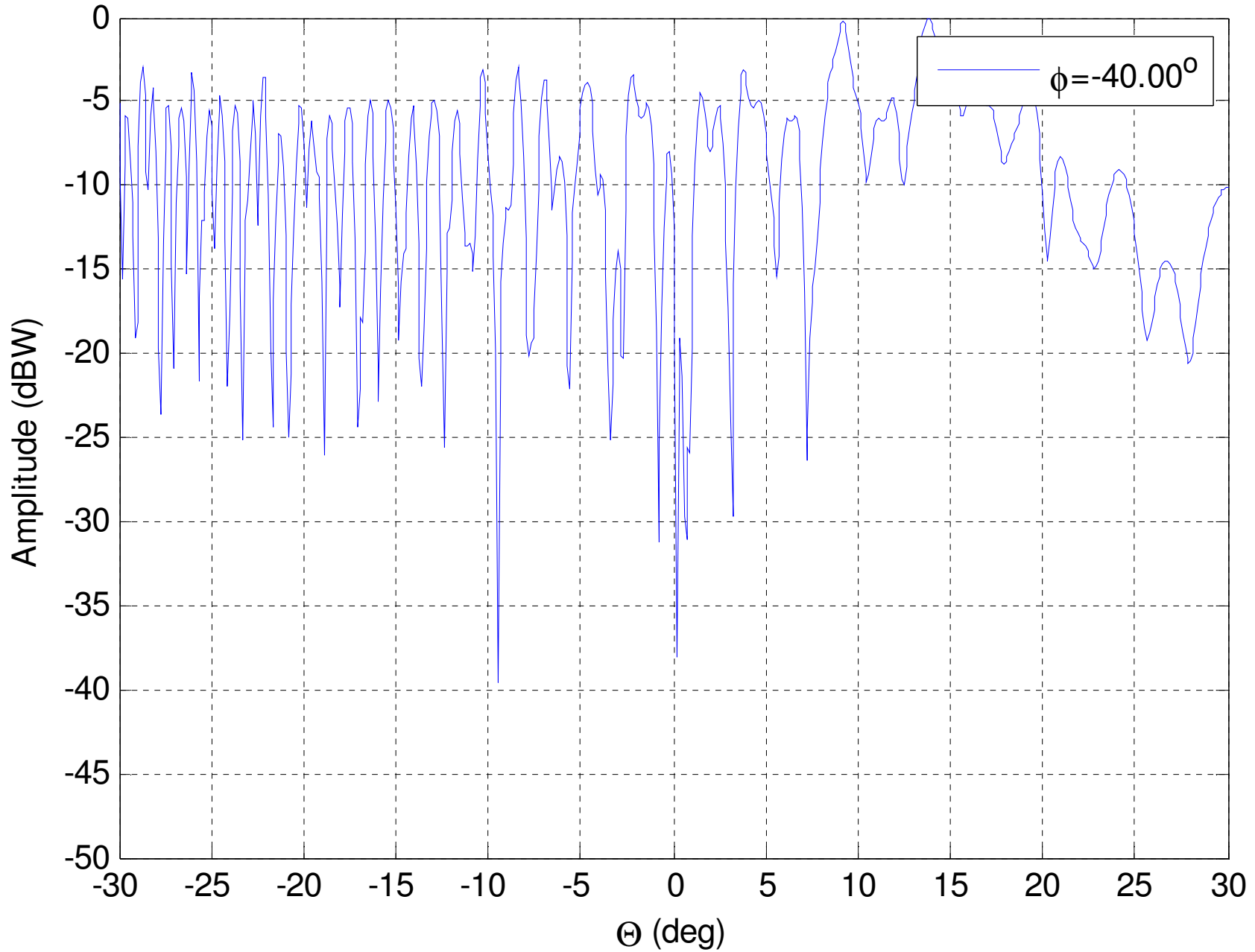
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--50.cut, Peak: 3.89 dBW, Date: 19-Sep-2011



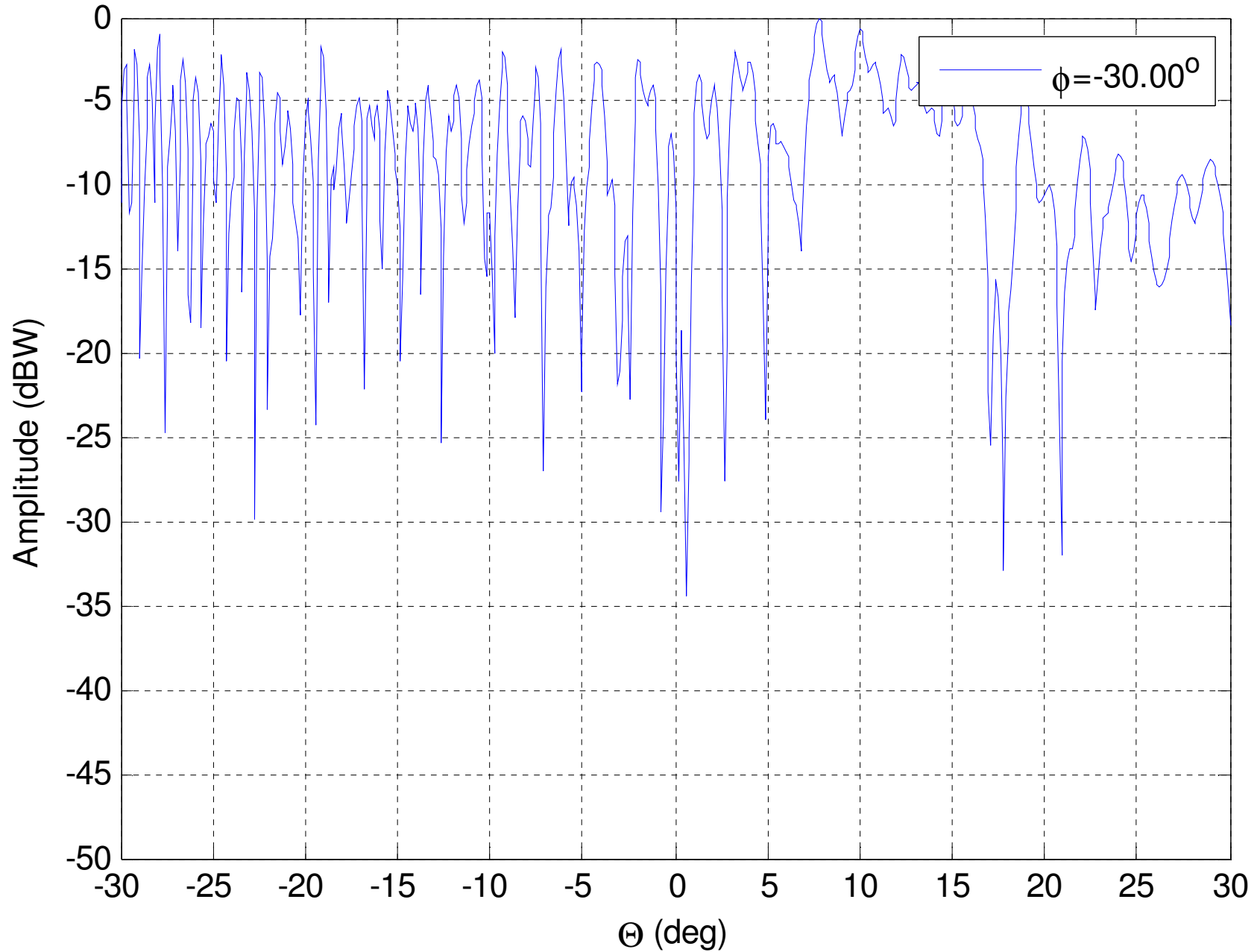
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--40.cut, Peak: 1.10 dBW, Date: 19-Sep-2011



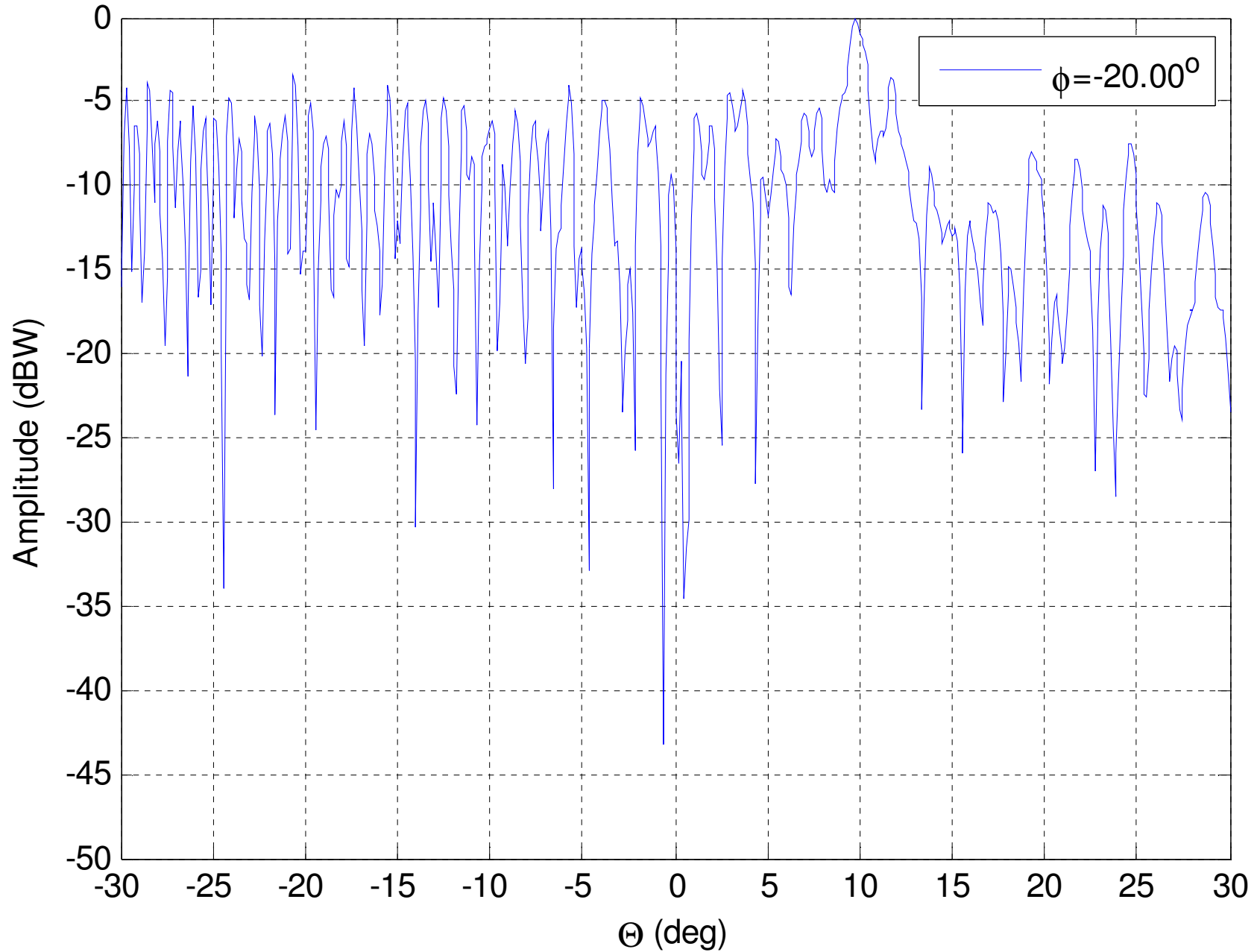
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--30.cut, Peak: 0.10 dBW, Date: 19-Sep-2011



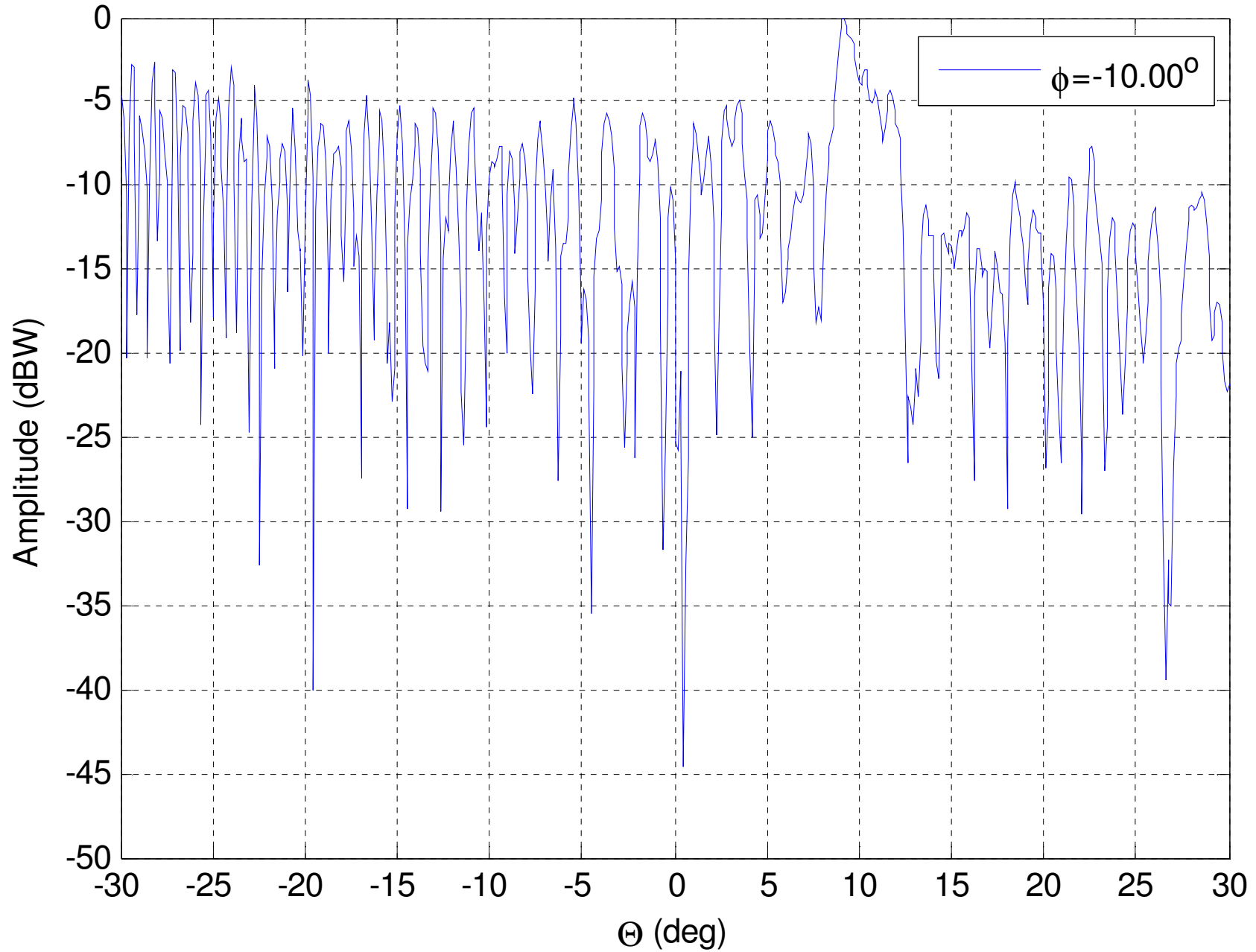
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--20.cut, Peak: 2.41 dBW, Date: 19-Sep-2011



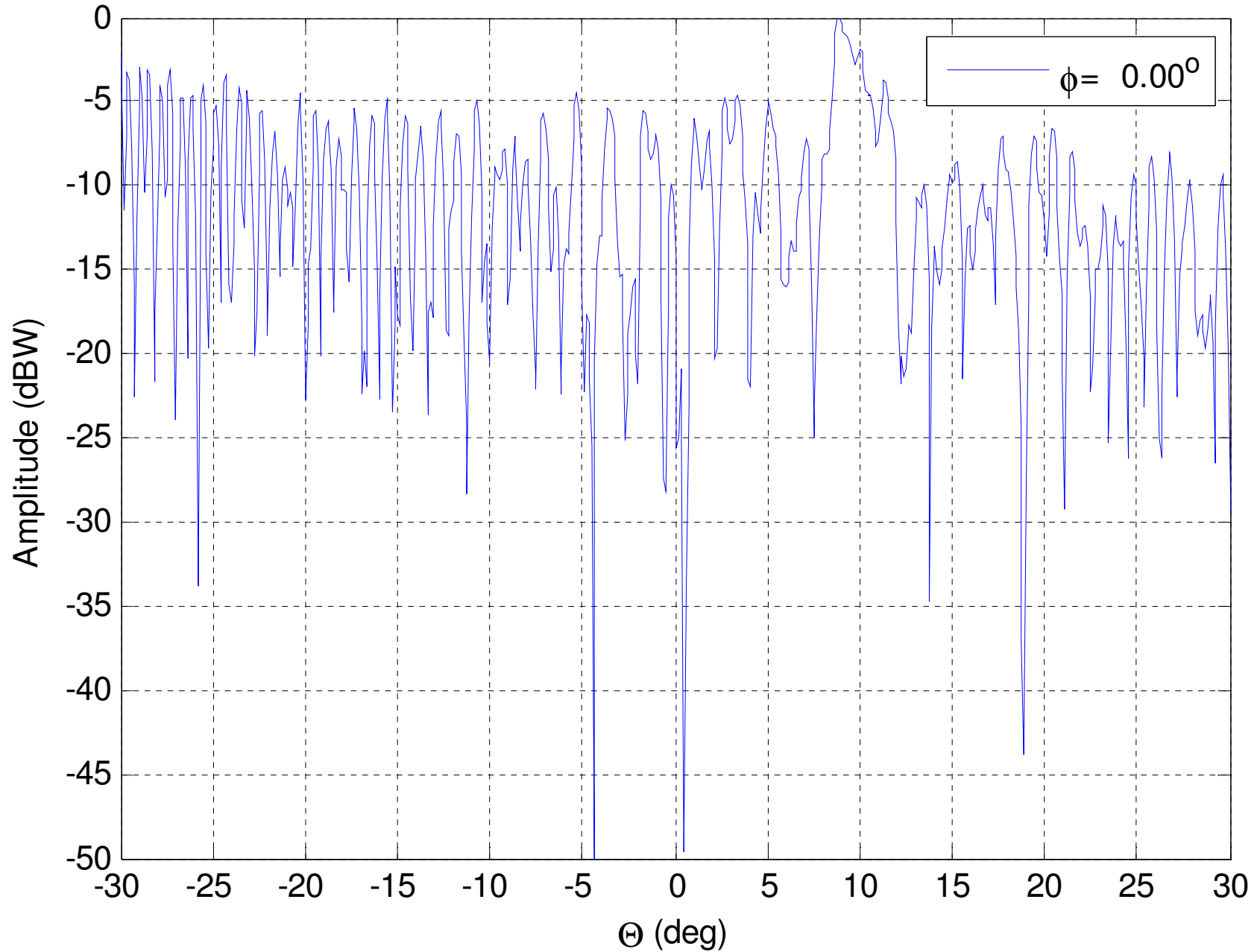
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp--10.cut, Peak: 3.14 dBW, Date: 19-Sep-2011



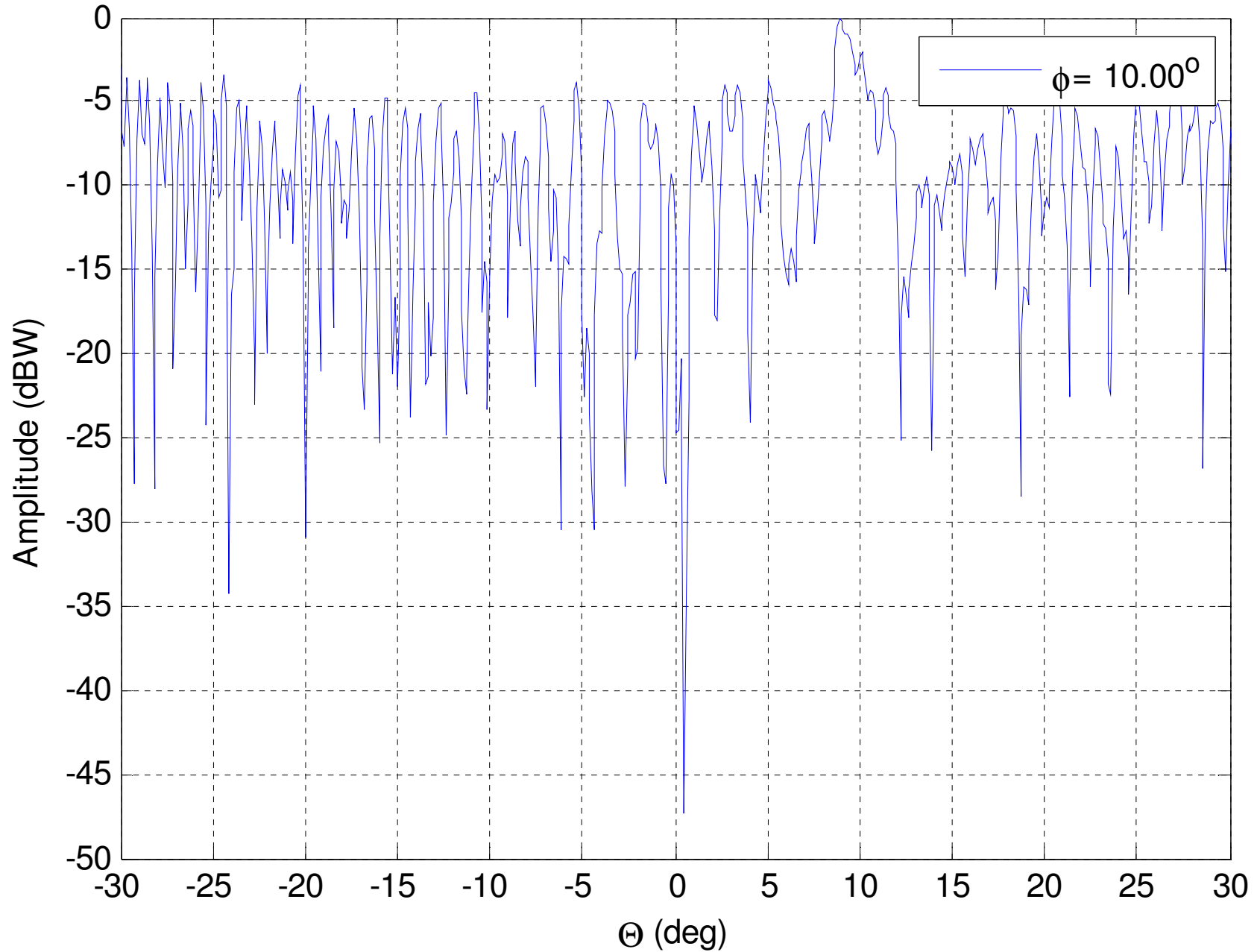
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-0.cut, Peak: 2.85 dBW, Date: 19-Sep-2011



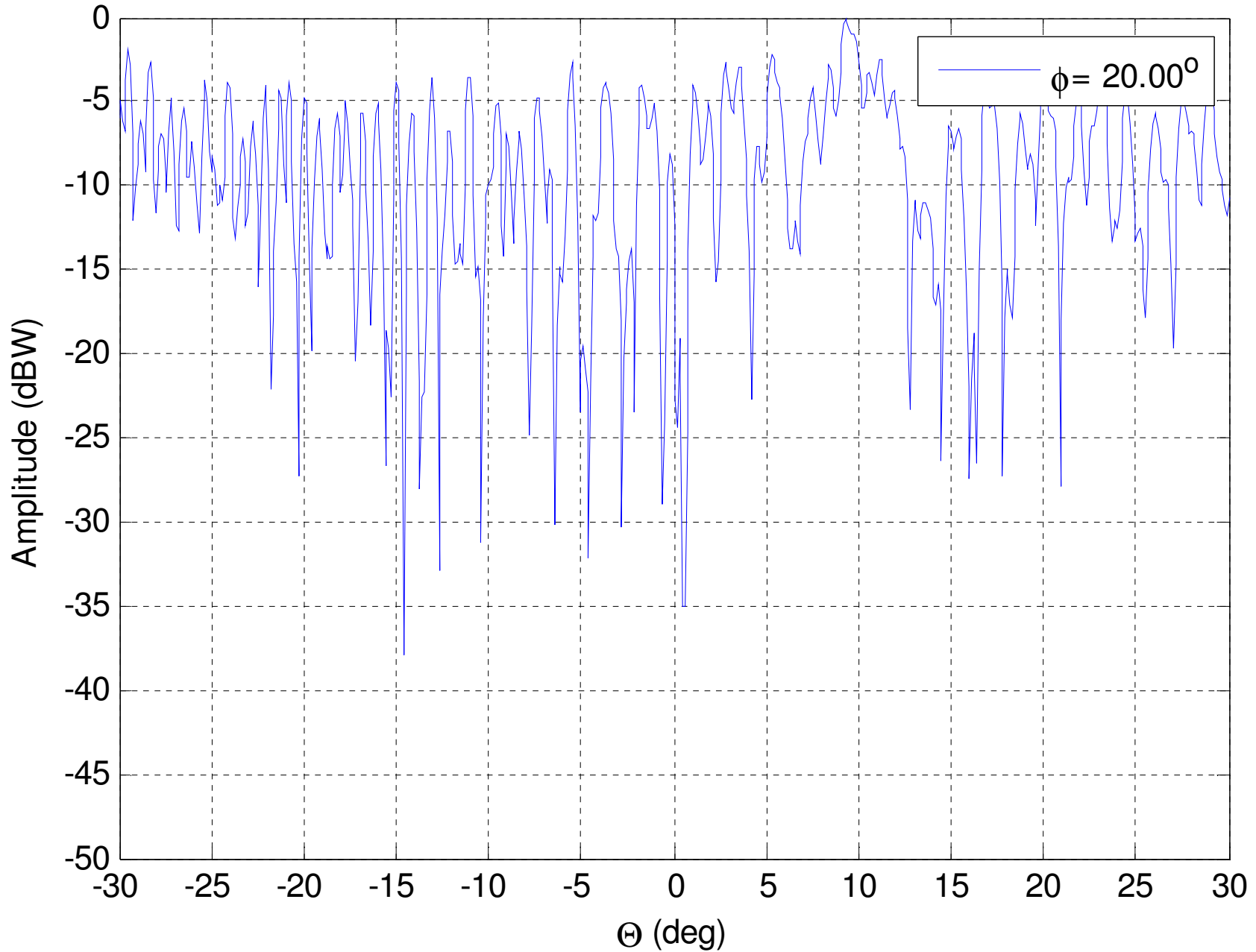
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-10.cut, Peak: 2.21 dBW, Date: 19-Sep-2011



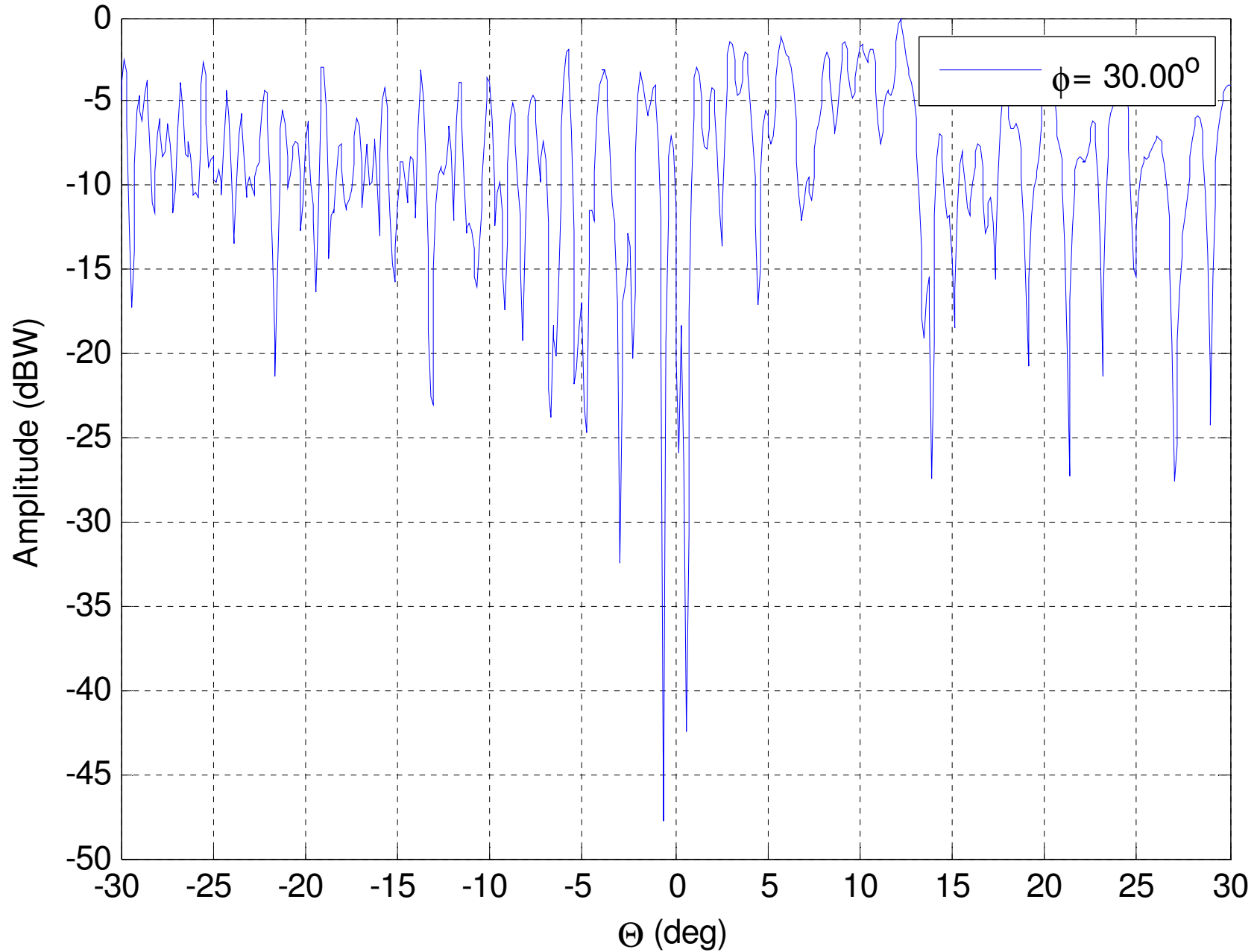
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-20.cut, Peak: 1.00 dBW, Date: 19-Sep-2011



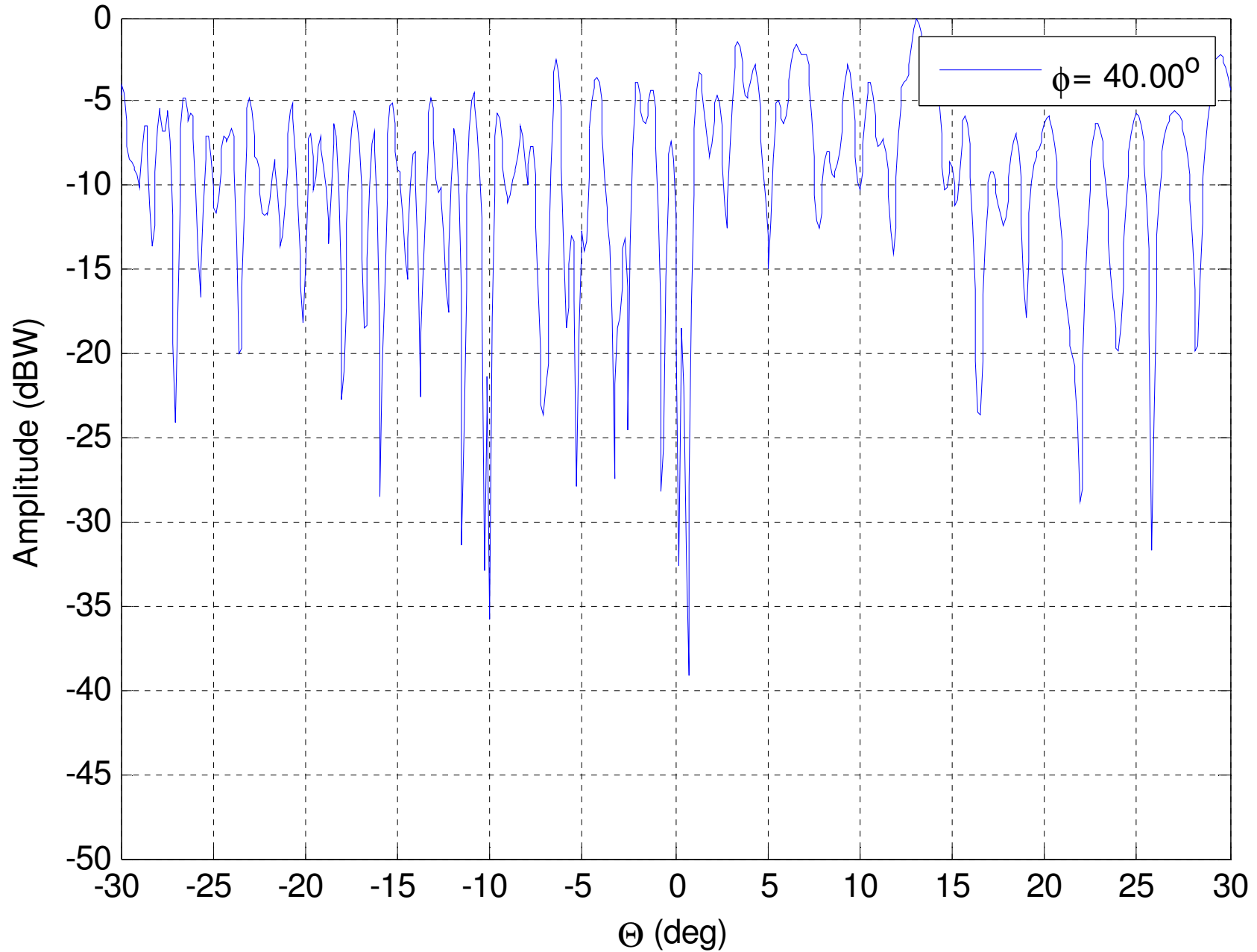
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-30.cut, Peak: -0.06 dBW, Date: 19-Sep-2011



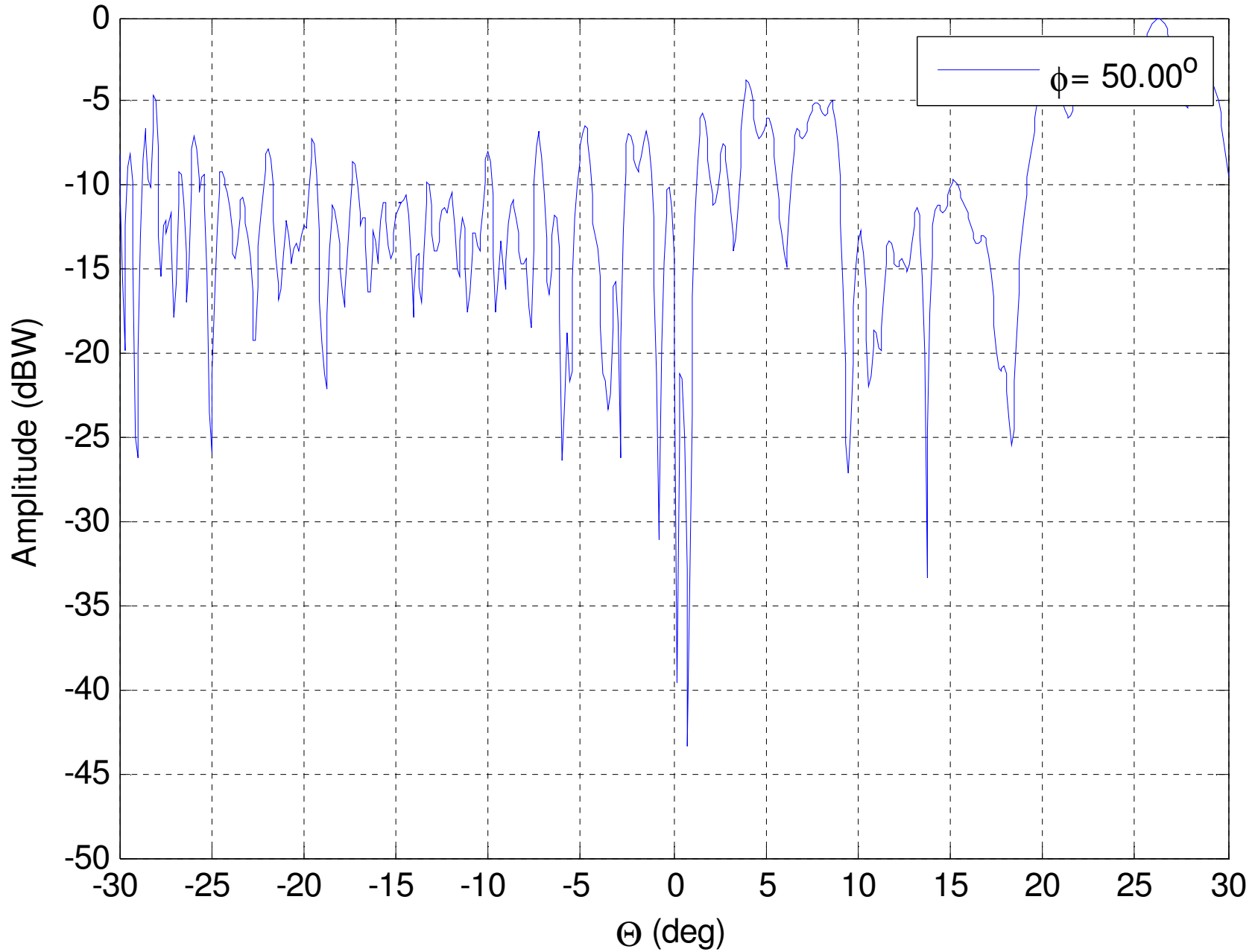
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-40.cut, Peak: 0.27 dBW, Date: 19-Sep-2011



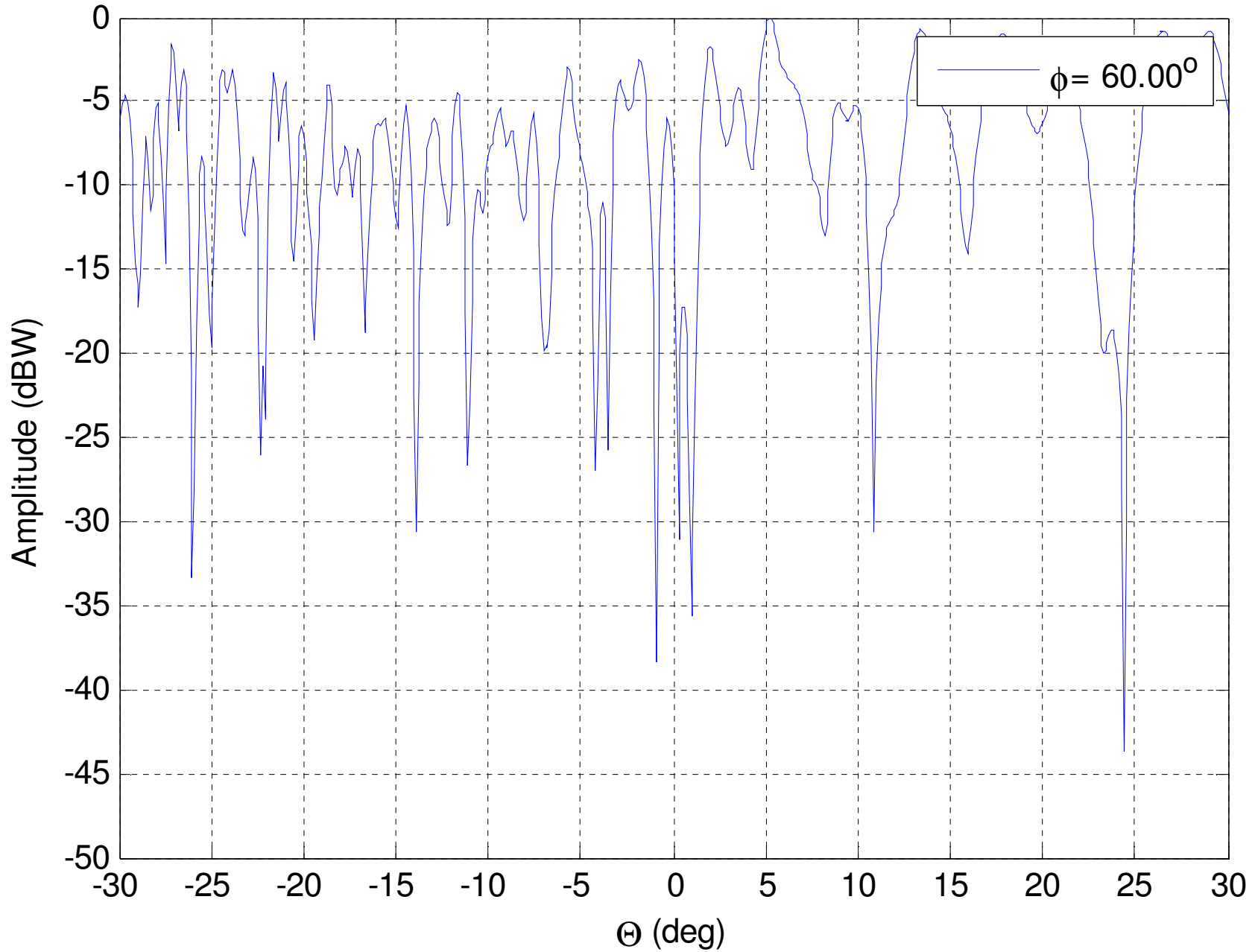
Normalized pattern cuts - farfield

Input file: tx-17.7-rhcp-50.cut, Peak: 2.84 dBW, Date: 19-Sep-2011



Normalized pattern cuts - farfield

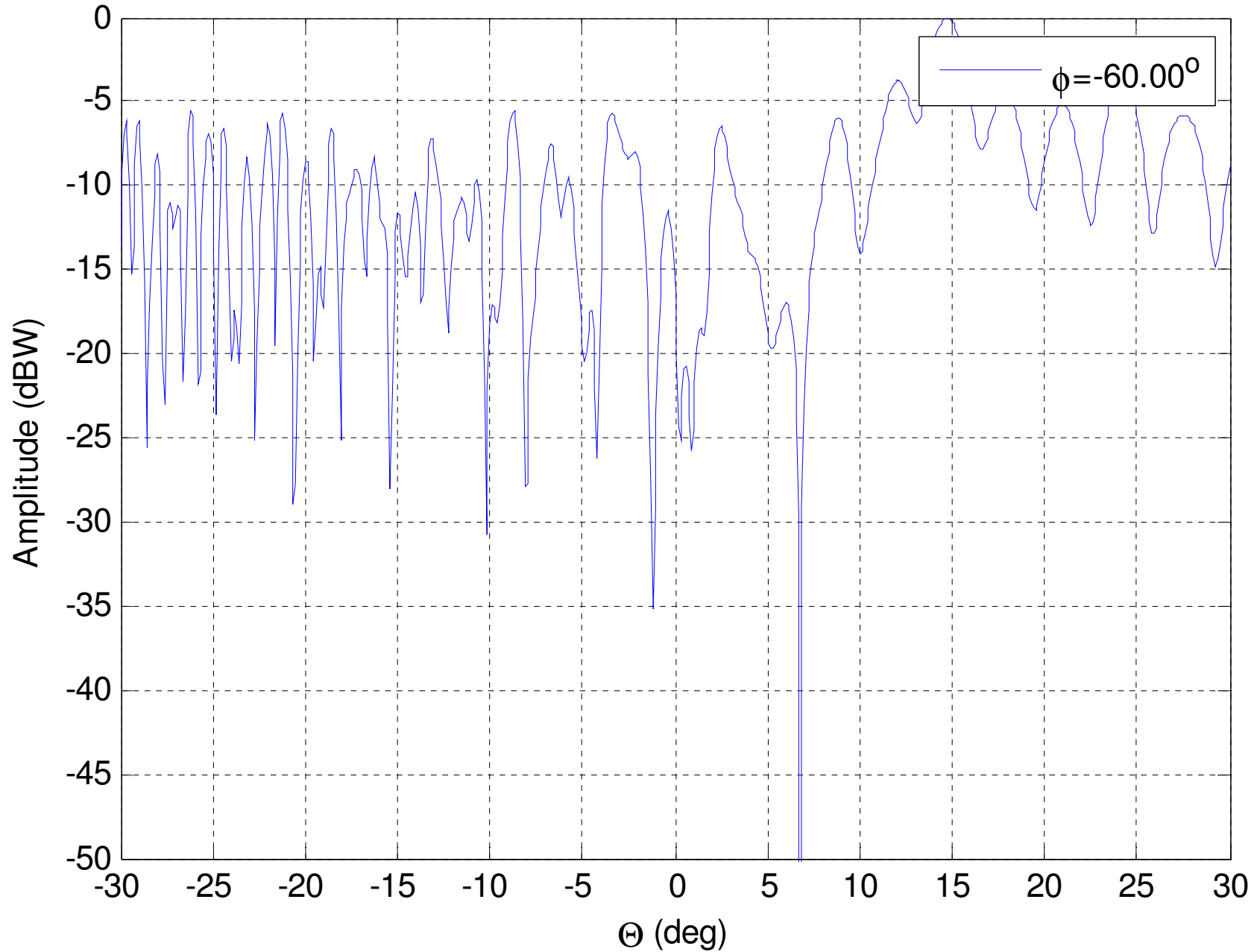
Input file: tx-17.7-rhcp-60.cut, Peak: -1.23 dBW, Date: 19-Sep-2011



LHCP at 17.705 GHz

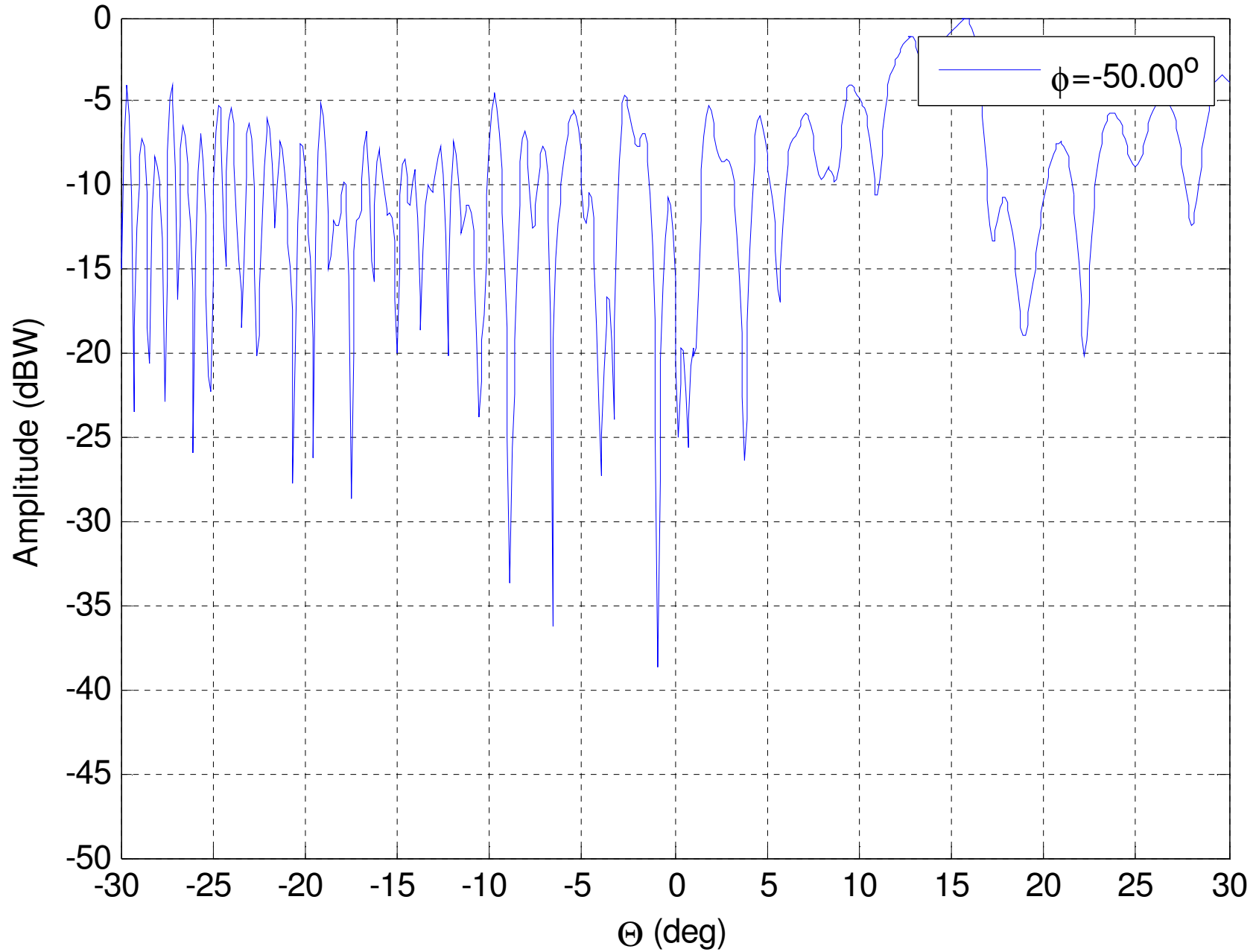
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--60.cut, Peak: 3.46 dBW, Date: 19-Sep-2011



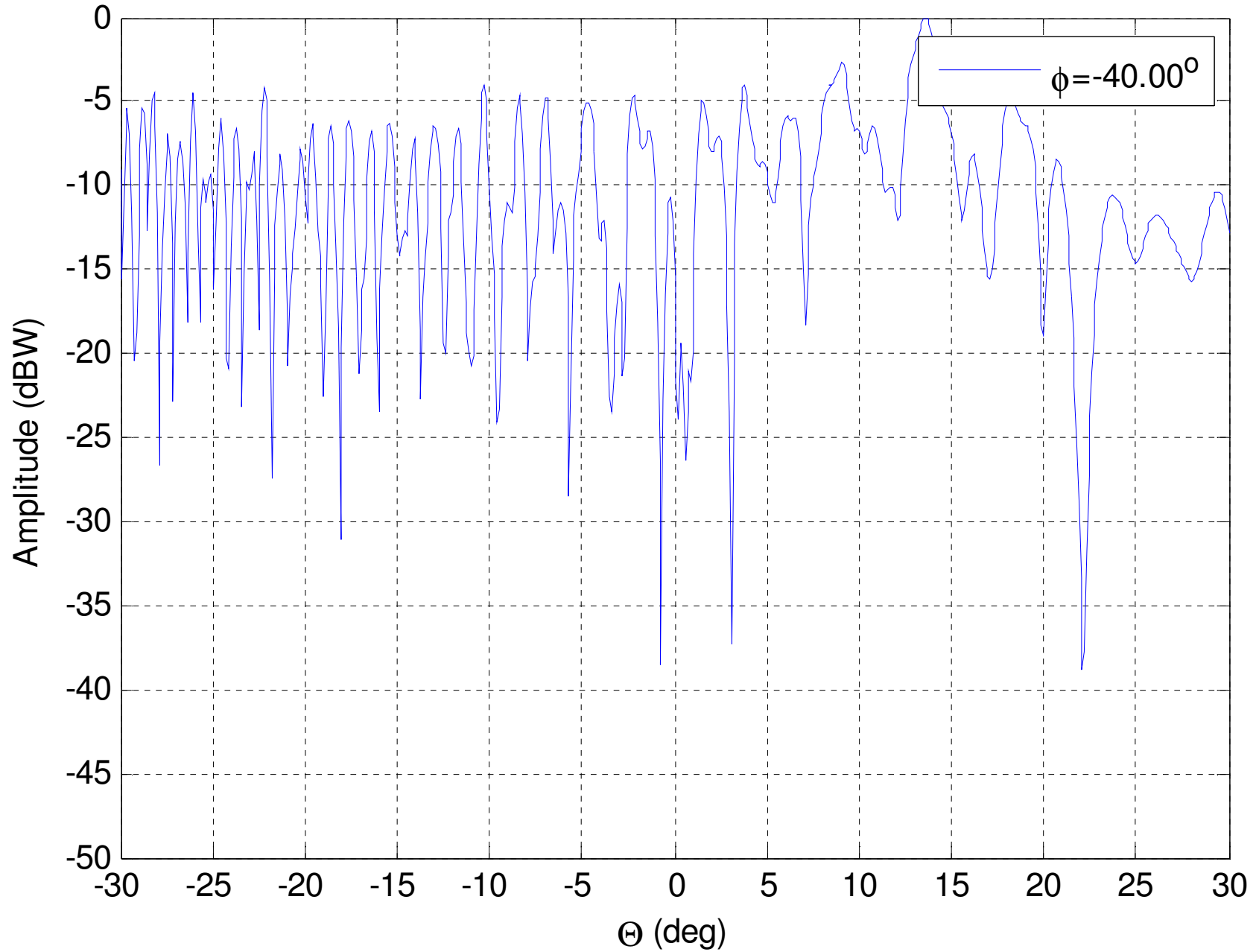
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--50.cut, Peak: 2.54 dBW, Date: 19-Sep-2011



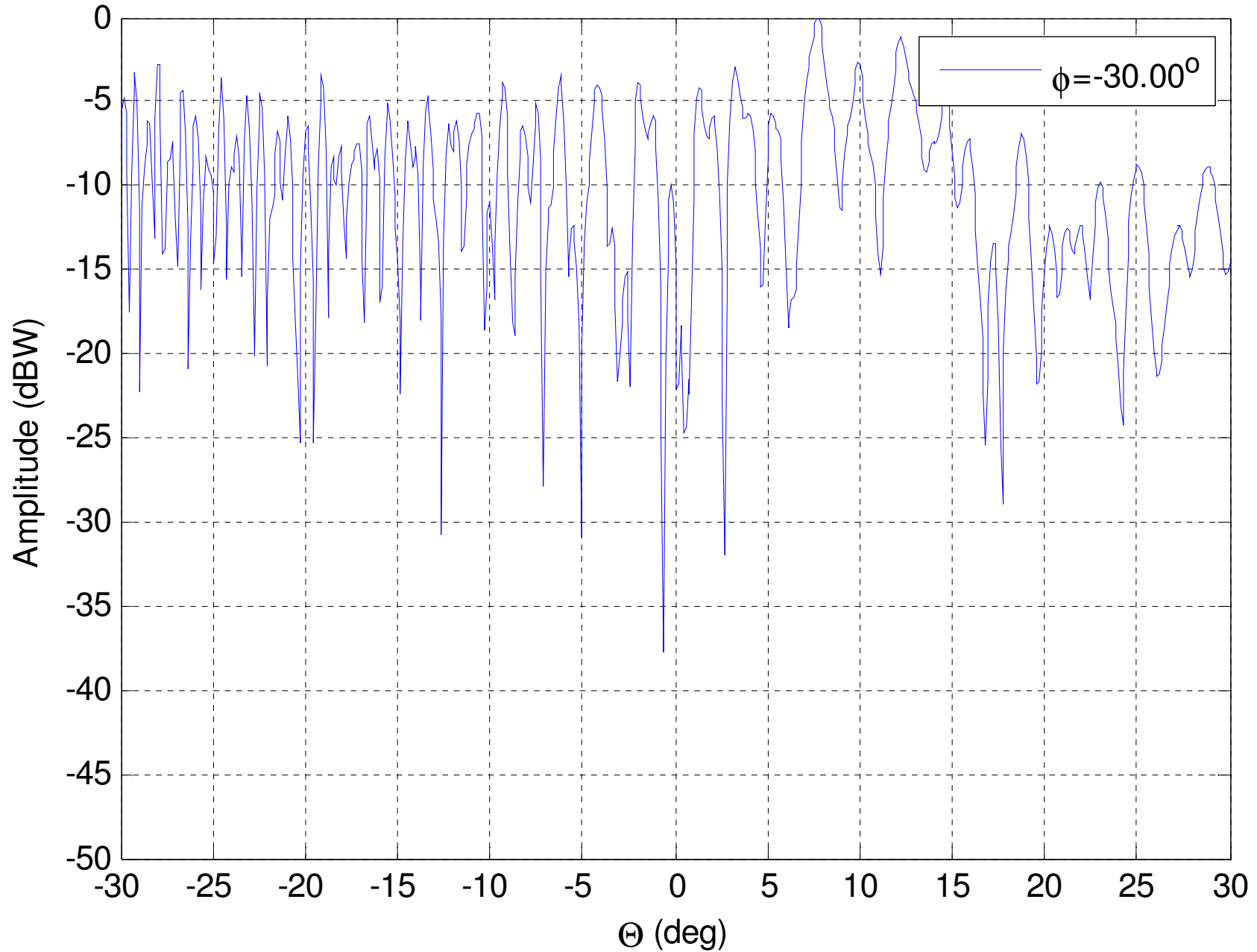
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--40.cut, Peak: 2.37 dBW, Date: 19-Sep-2011



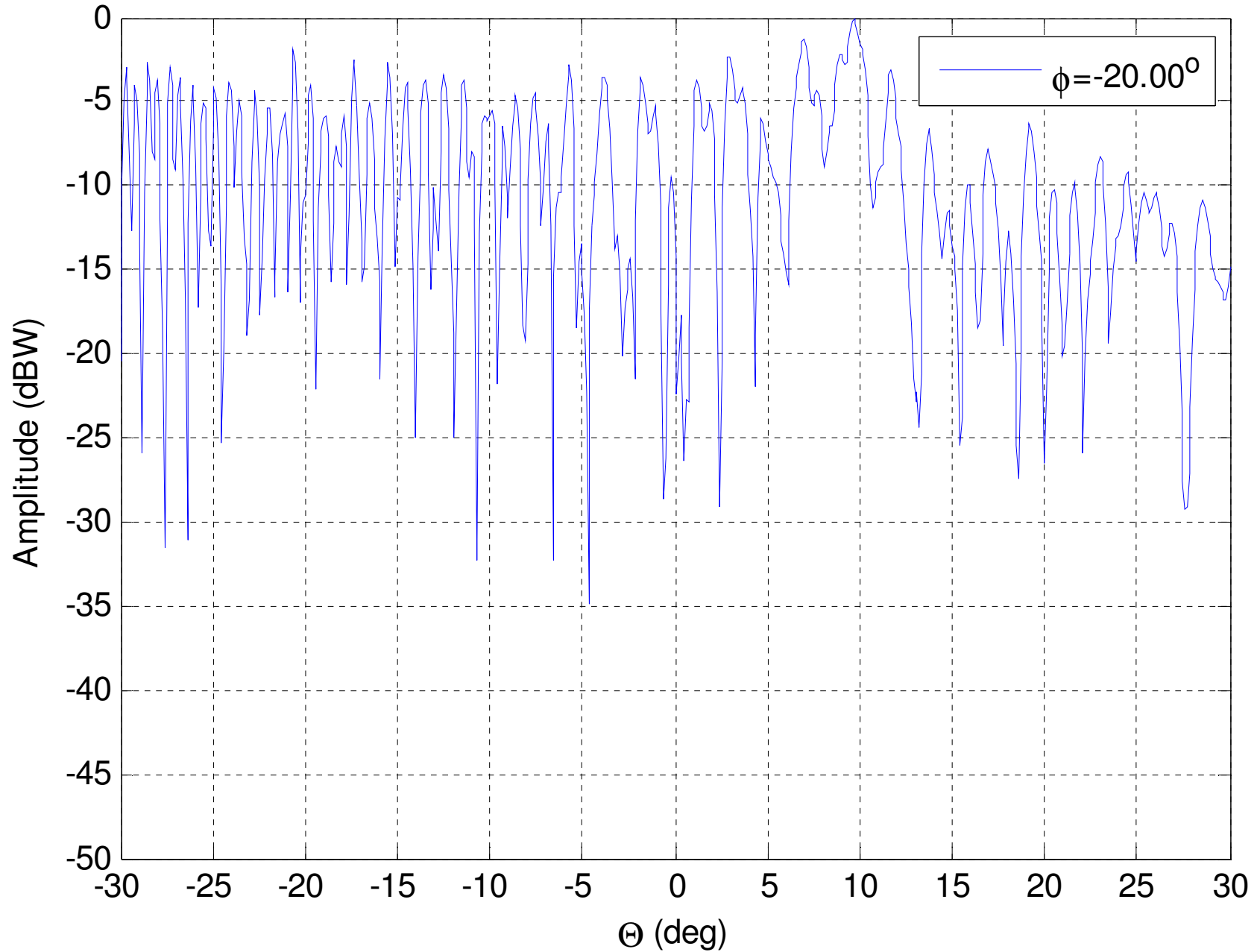
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--30.cut, Peak: 1.57 dBW, Date: 19-Sep-2011



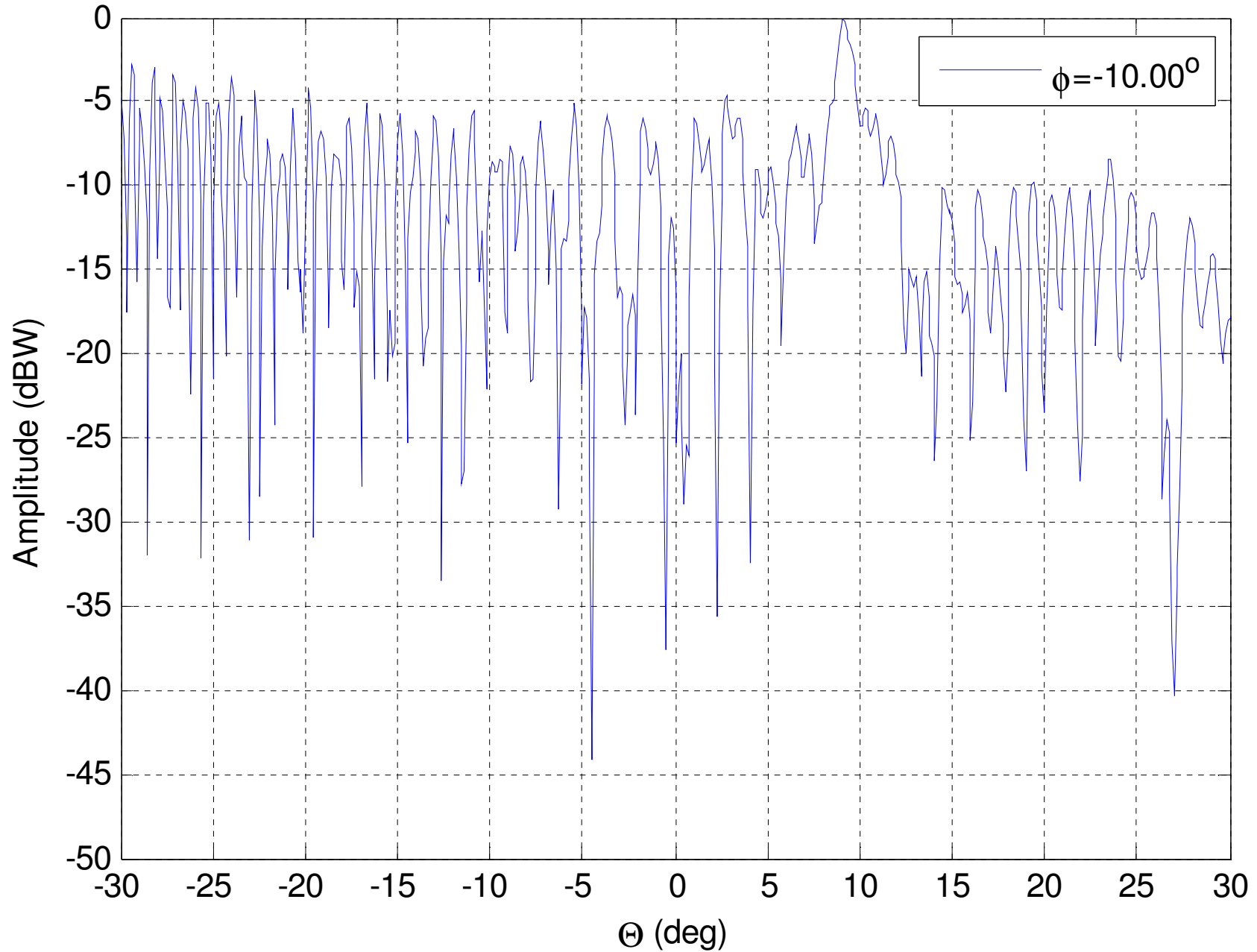
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--20.cut, Peak: 1.11 dBW, Date: 19-Sep-2011



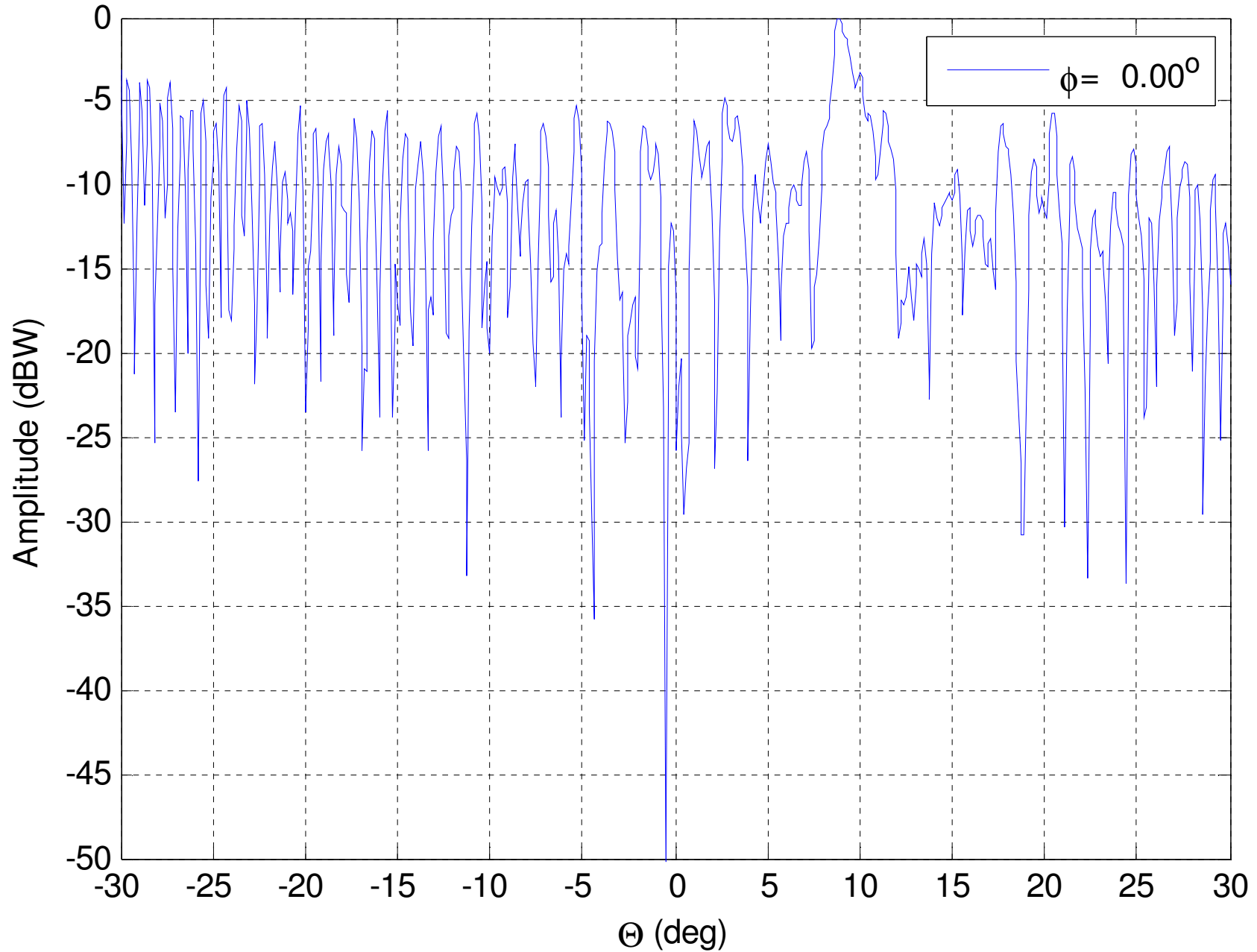
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp--10.cut, Peak: 3.37 dBW, Date: 19-Sep-2011



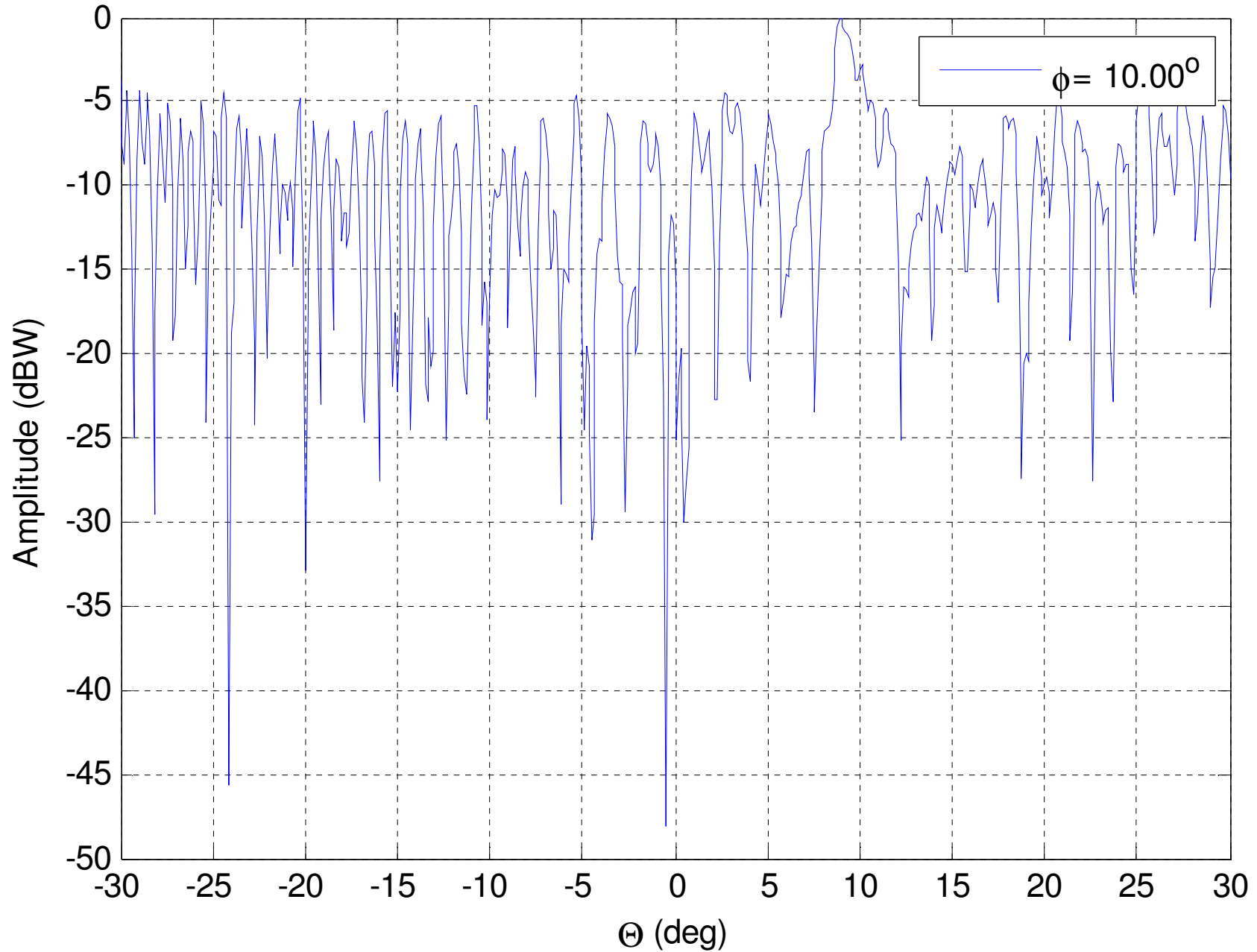
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-0.cut, Peak: 3.58 dBW, Date: 19-Sep-2011



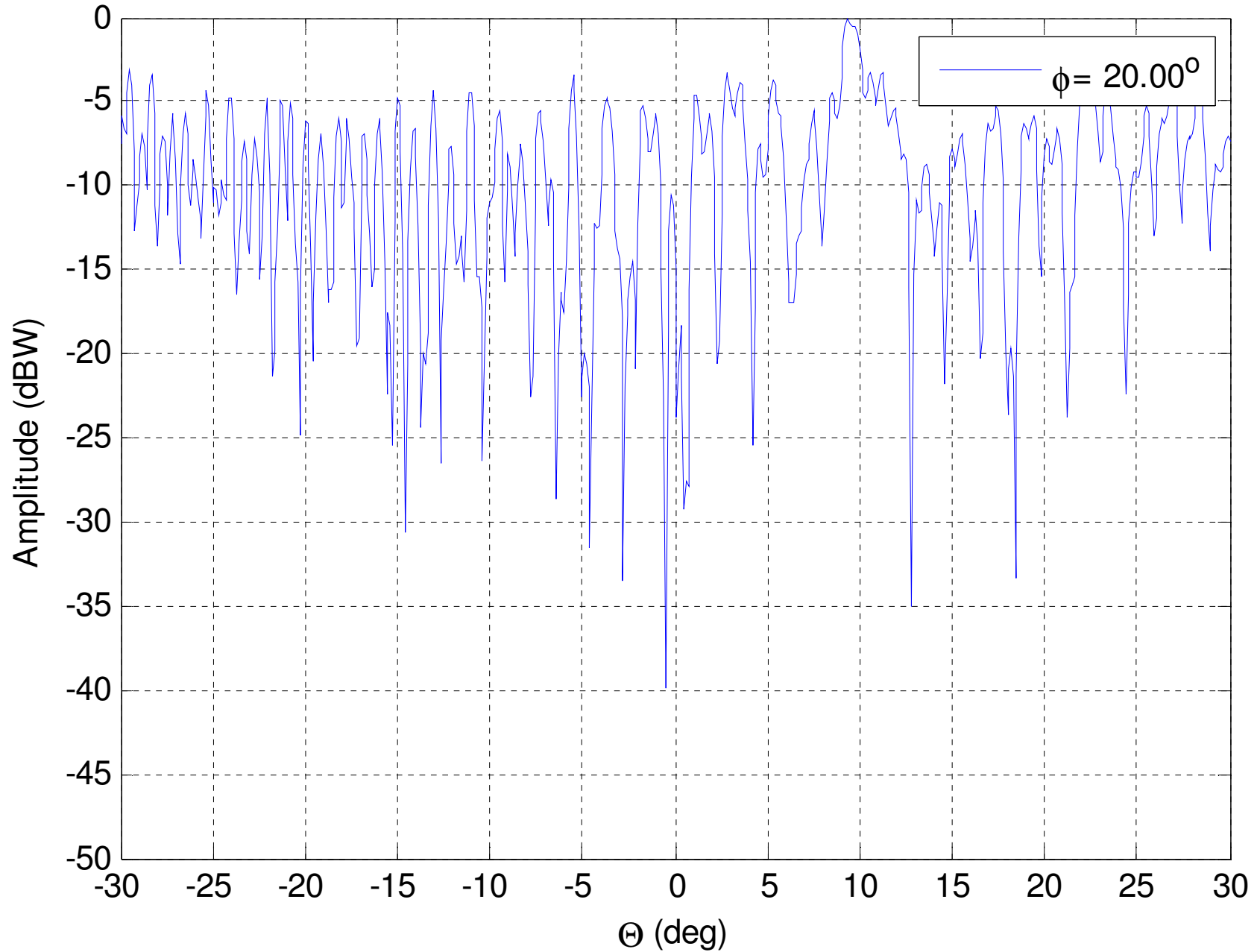
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-10.cut, Peak: 3.05 dBW, Date: 19-Sep-2011



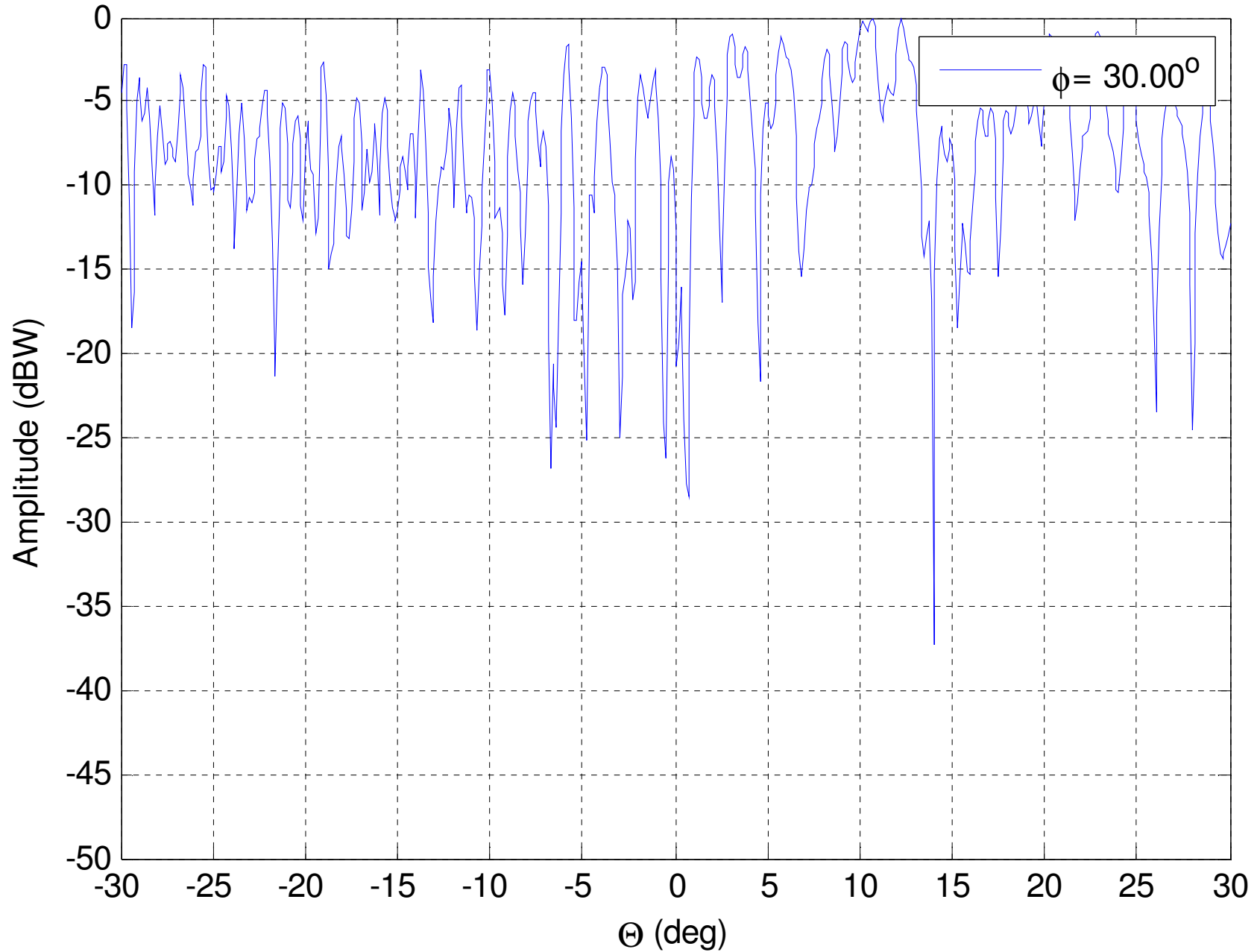
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-20.cut, Peak: 1.85 dBW, Date: 19-Sep-2011



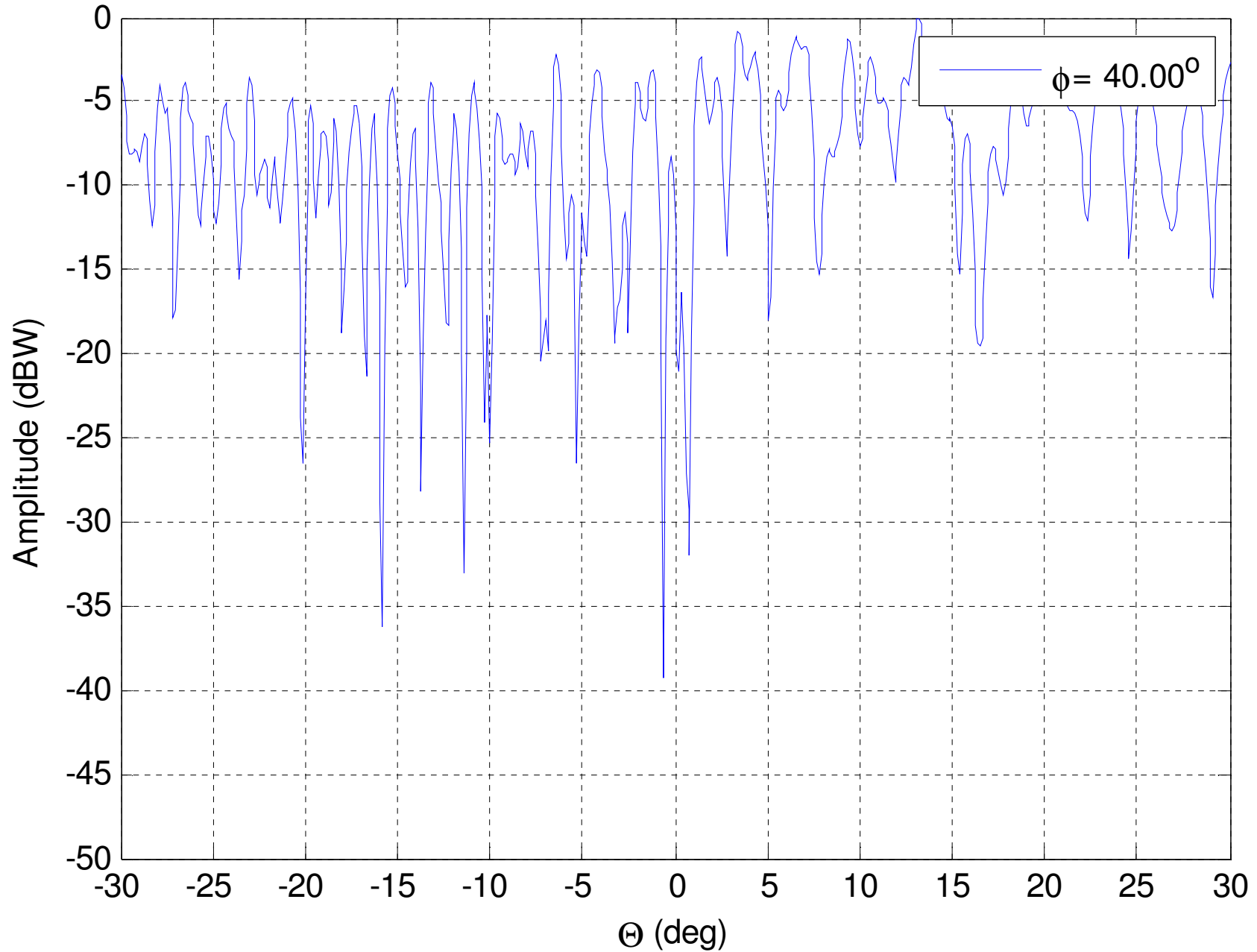
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-30.cut, Peak: -0.42 dBW, Date: 19-Sep-2011



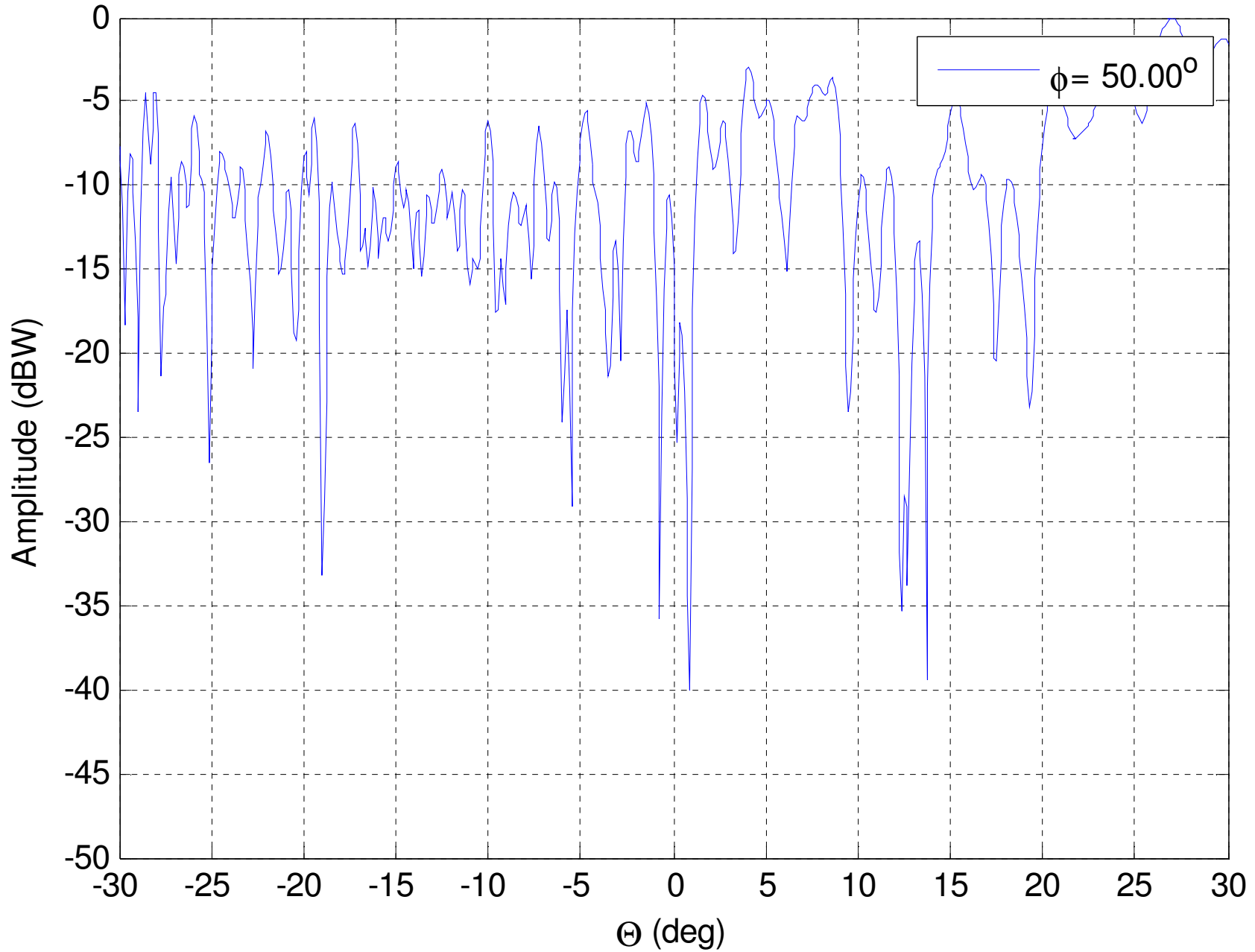
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-40.cut, Peak: -0.41 dBW, Date: 19-Sep-2011



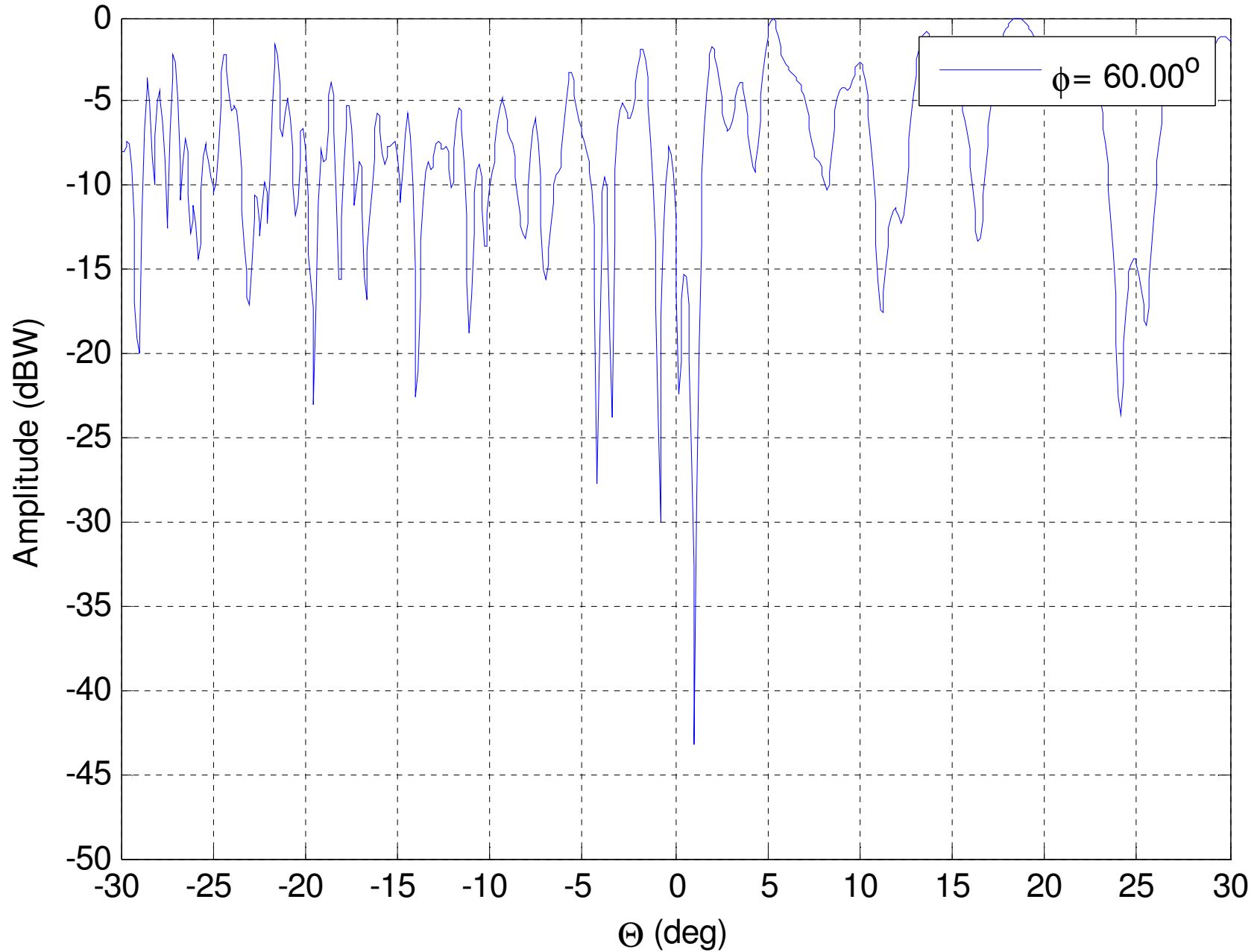
Normalized pattern cuts - farfield

Input file: tx-17.7-lhcp-50.cut, Peak: 1.82 dBW, Date: 19-Sep-2011



Normalized pattern cuts - farfield

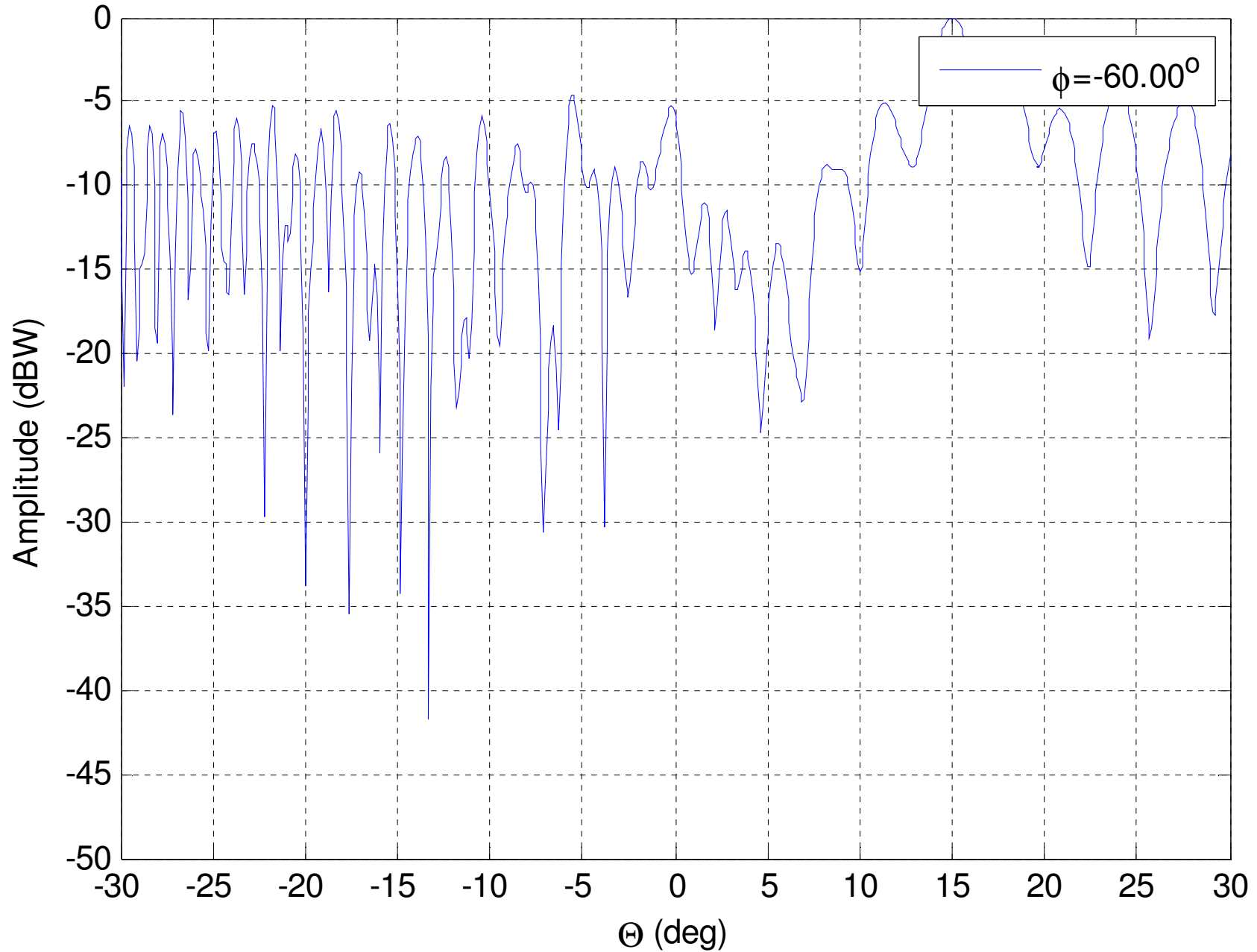
Input file: tx-17.7-lhcp-60.cut, Peak: -1.11 dBW, Date: 19-Sep-2011



RHCP at 17.75 GHz

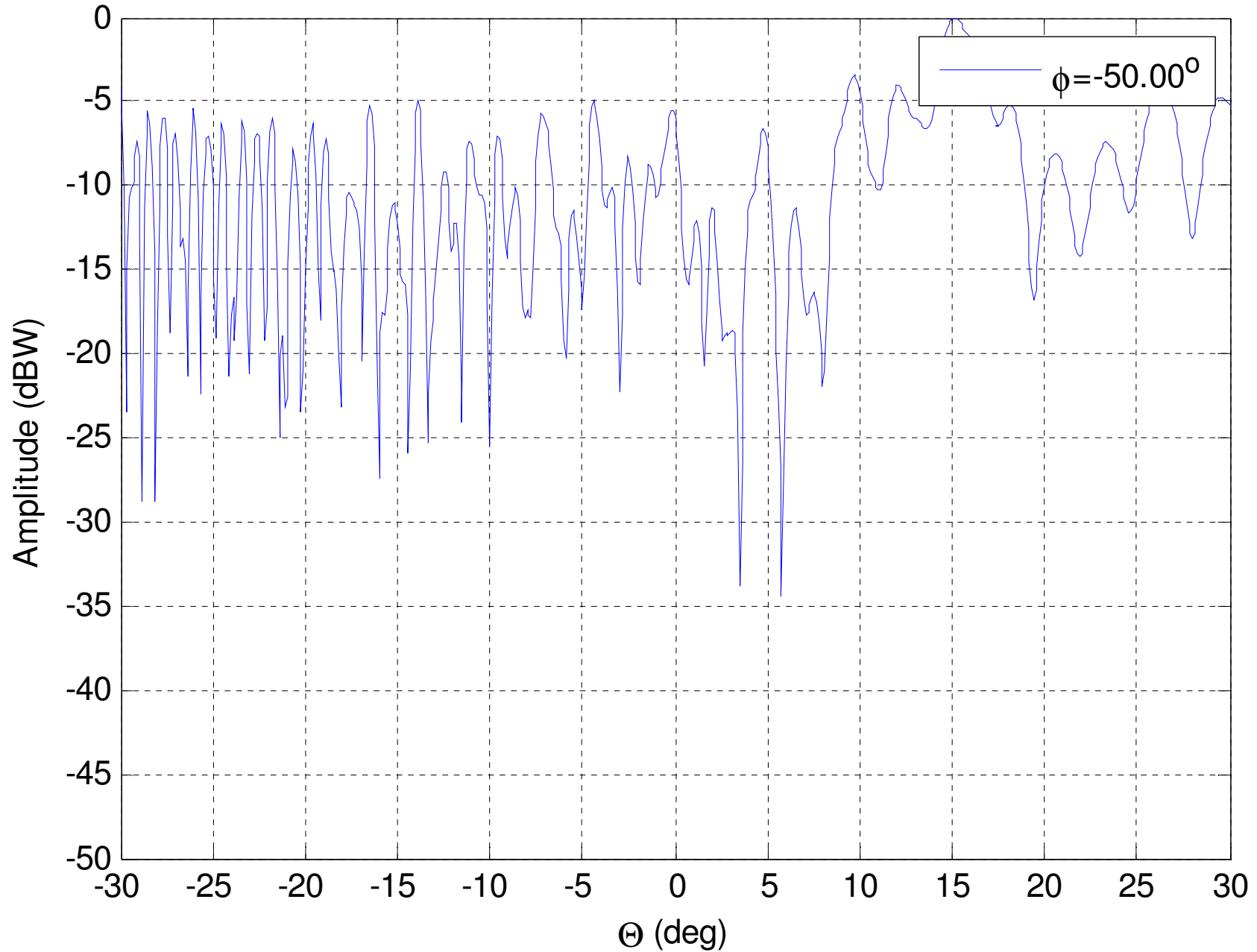
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--60.cut, Peak: 2.91 dBW, Date: 07-Feb-2012



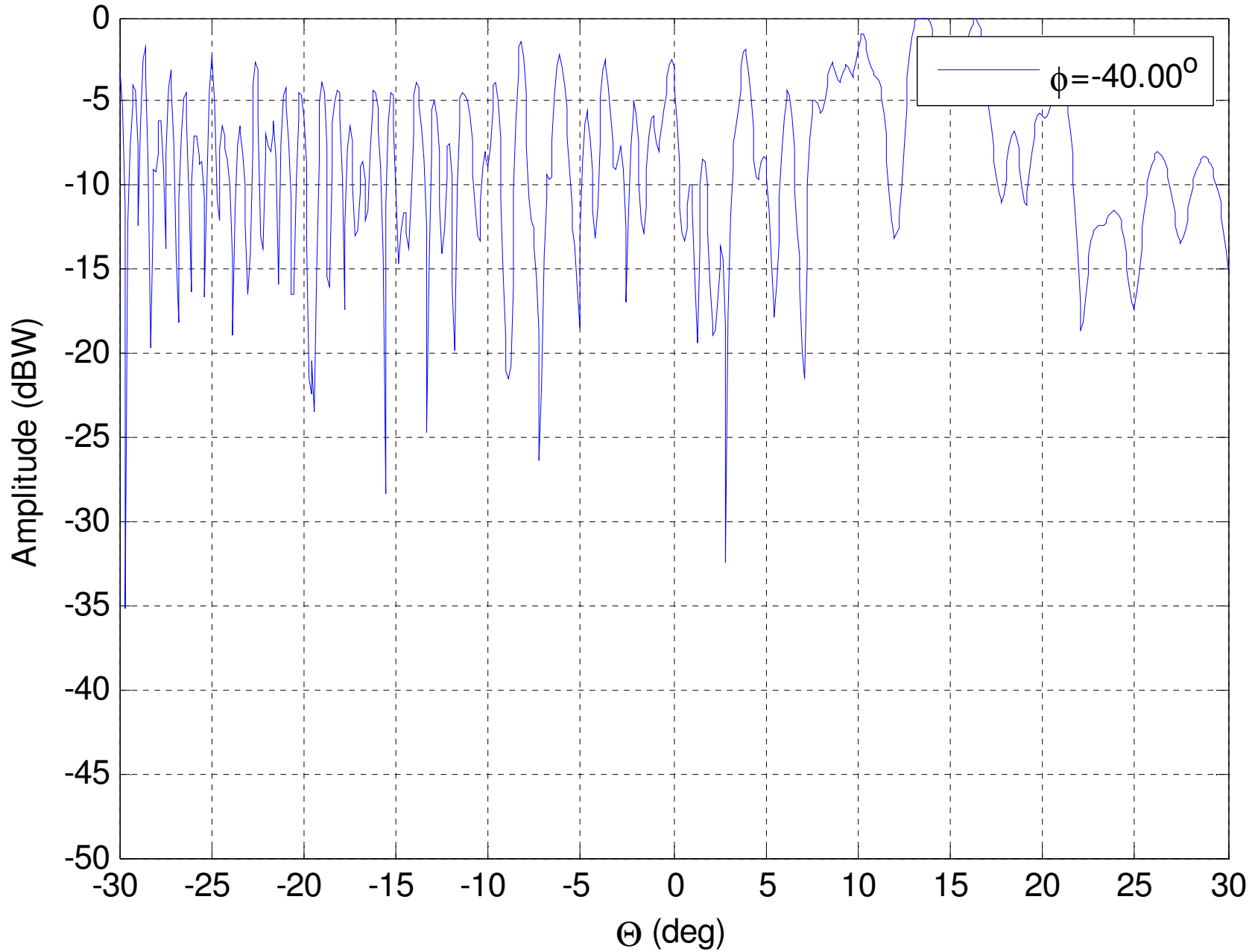
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--50.cut, Peak: 3.06 dBW, Date: 07-Feb-2012



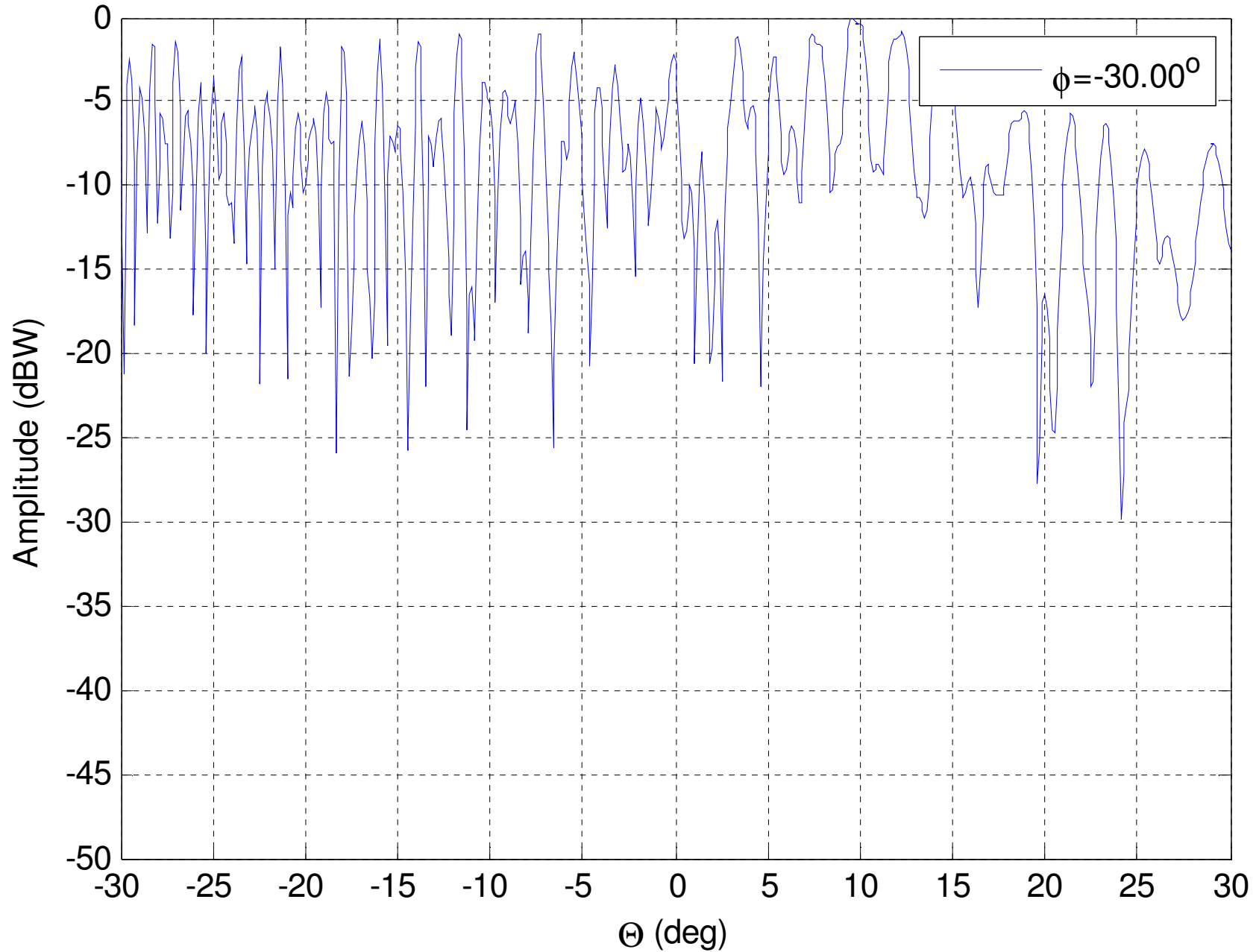
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--40.cut, Peak: 0.11 dBW, Date: 07-Feb-2012



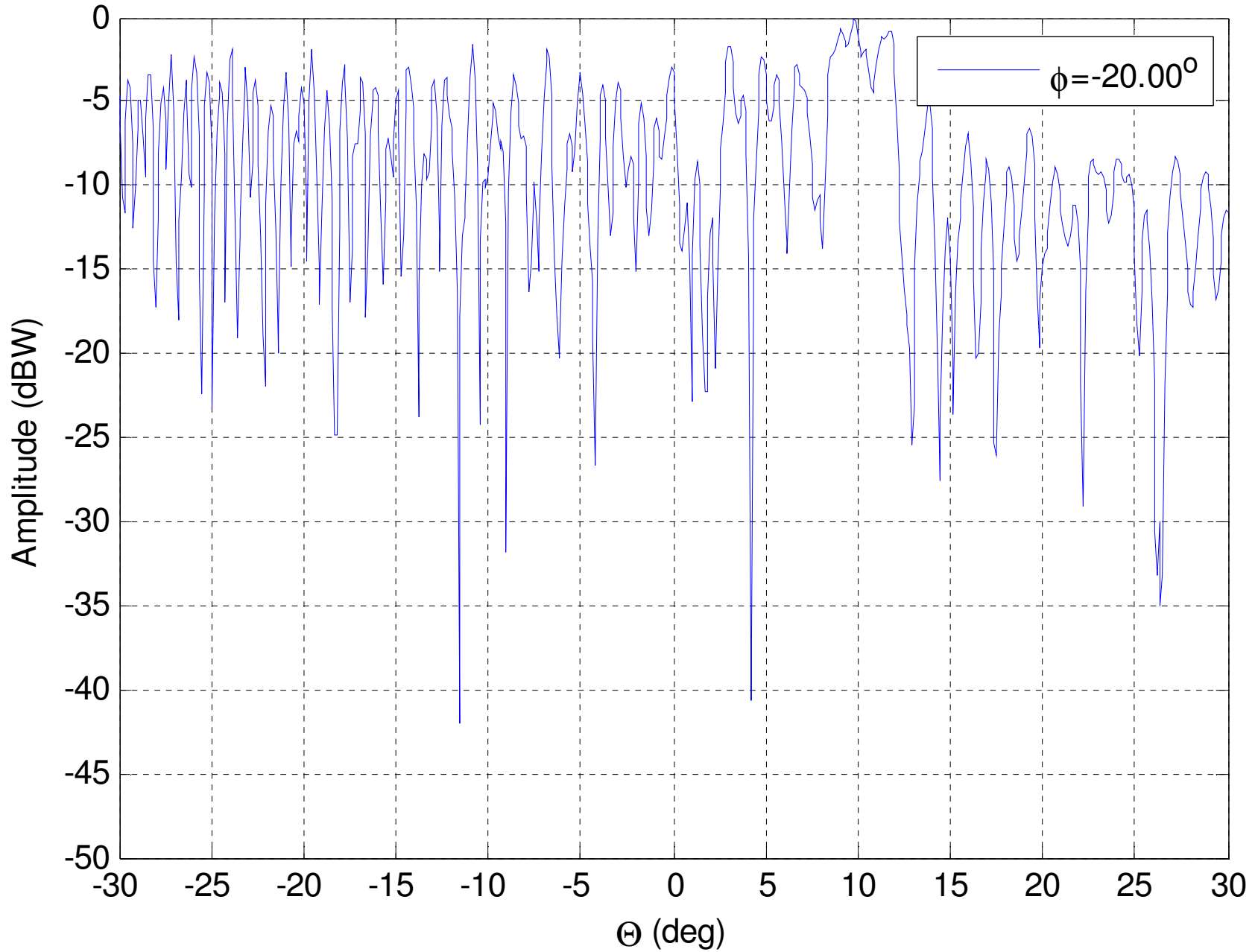
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--30.cut, Peak: -0.20 dBW, Date: 07-Feb-2012



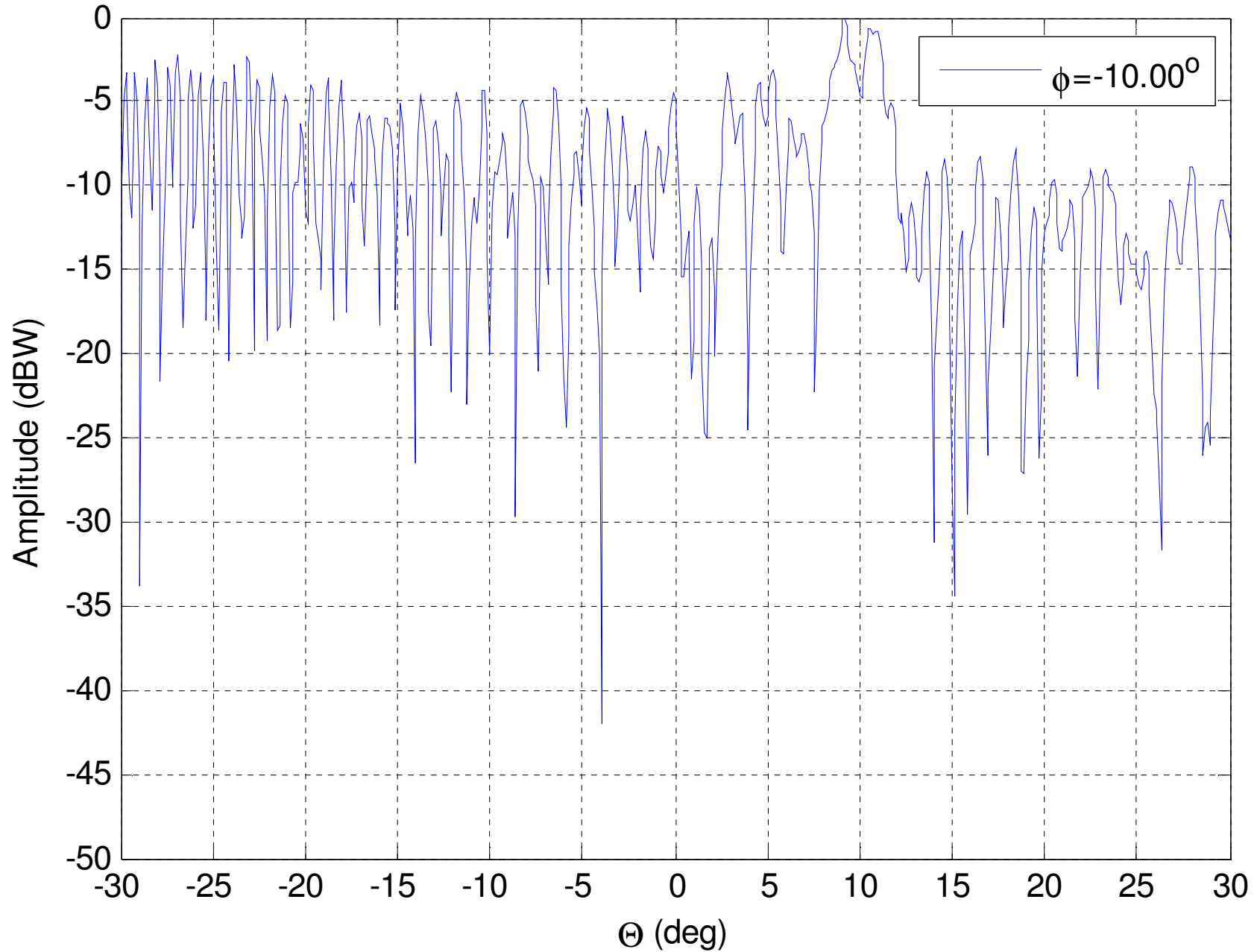
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--20.cut, Peak: 0.41 dBW, Date: 07-Feb-2012



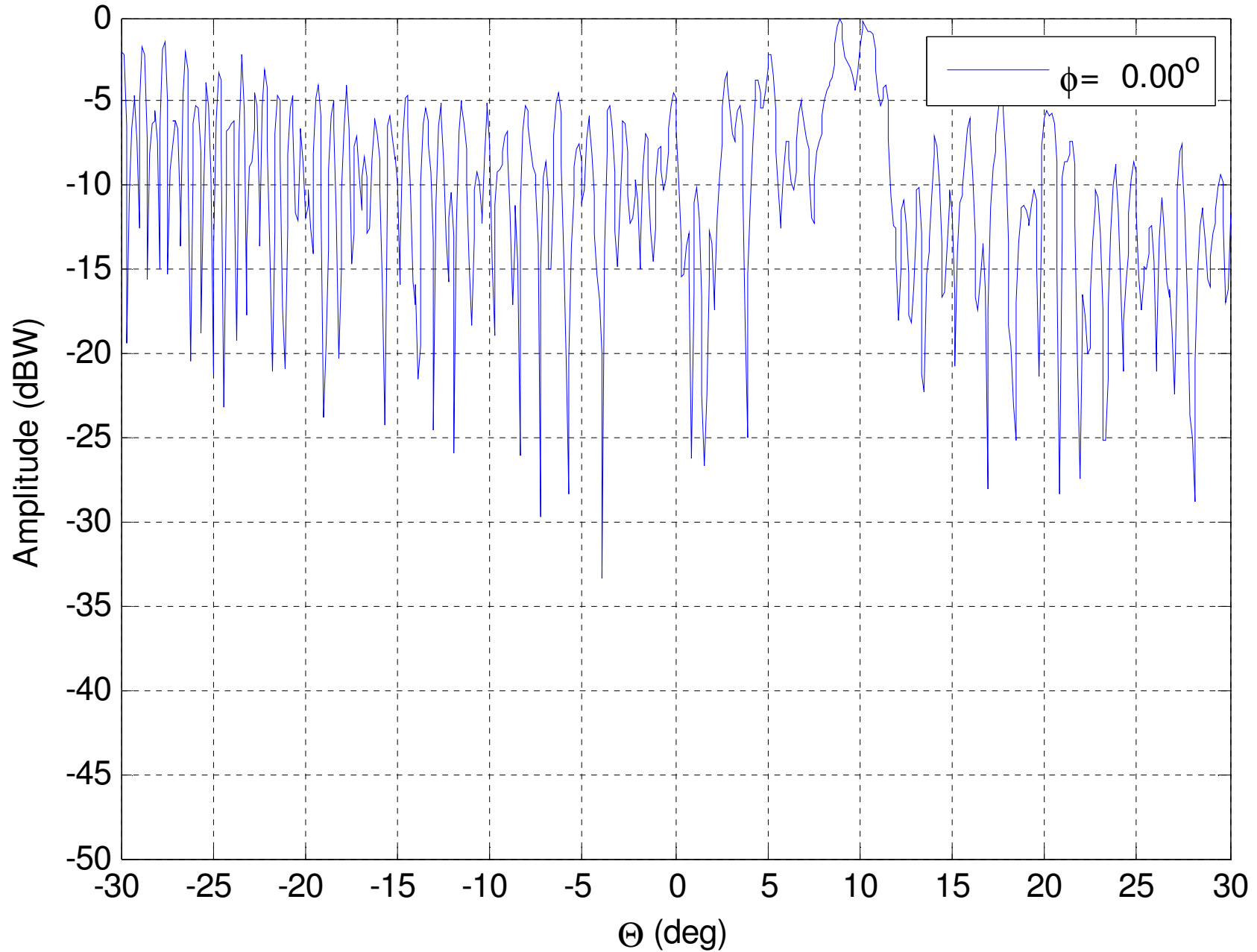
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp--10.cut, Peak: 2.01 dBW, Date: 07-Feb-2012



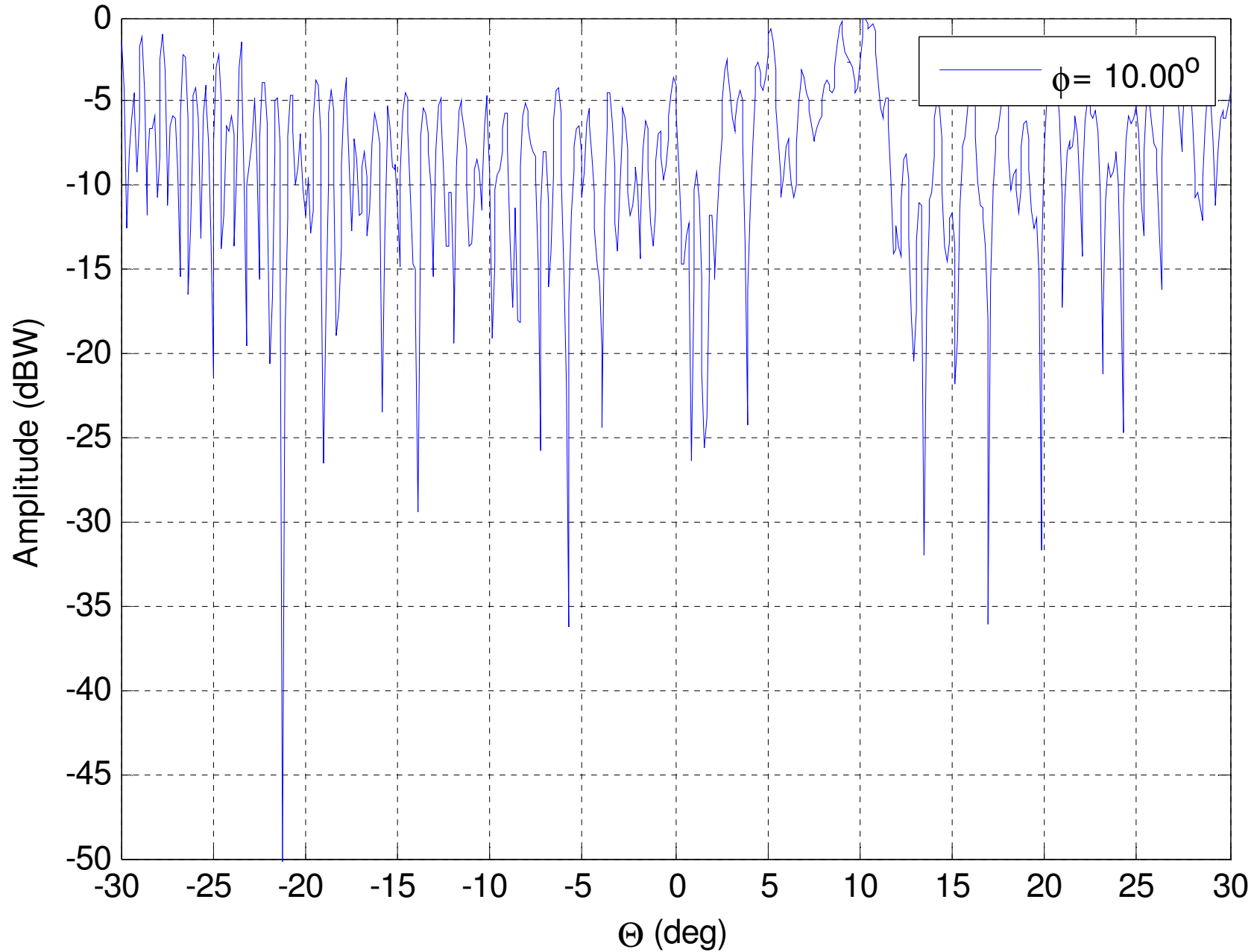
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-0.cut, Peak: 1.91 dBW, Date: 07-Feb-2012



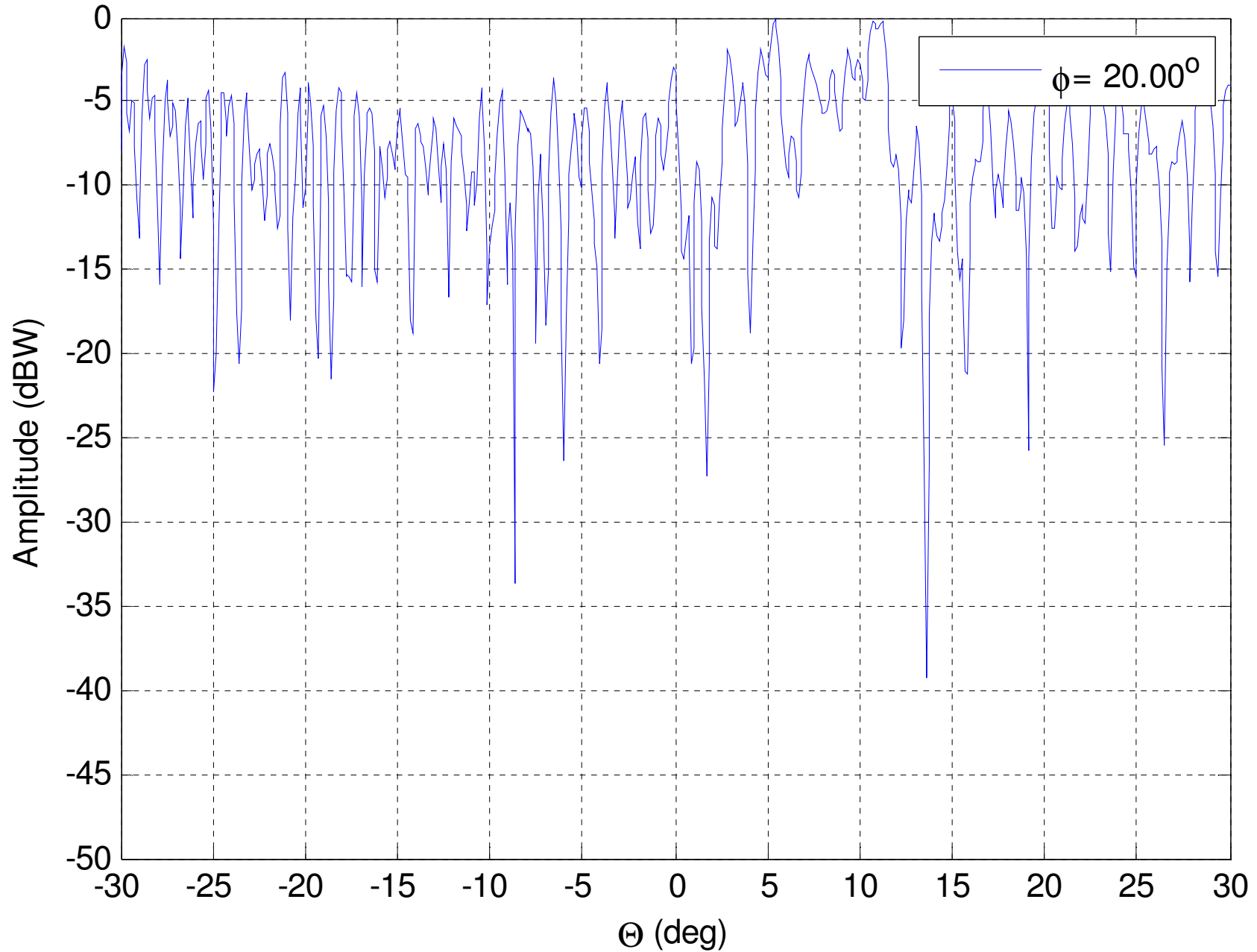
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-10.cut, Peak: 1.08 dBW, Date: 07-Feb-2012



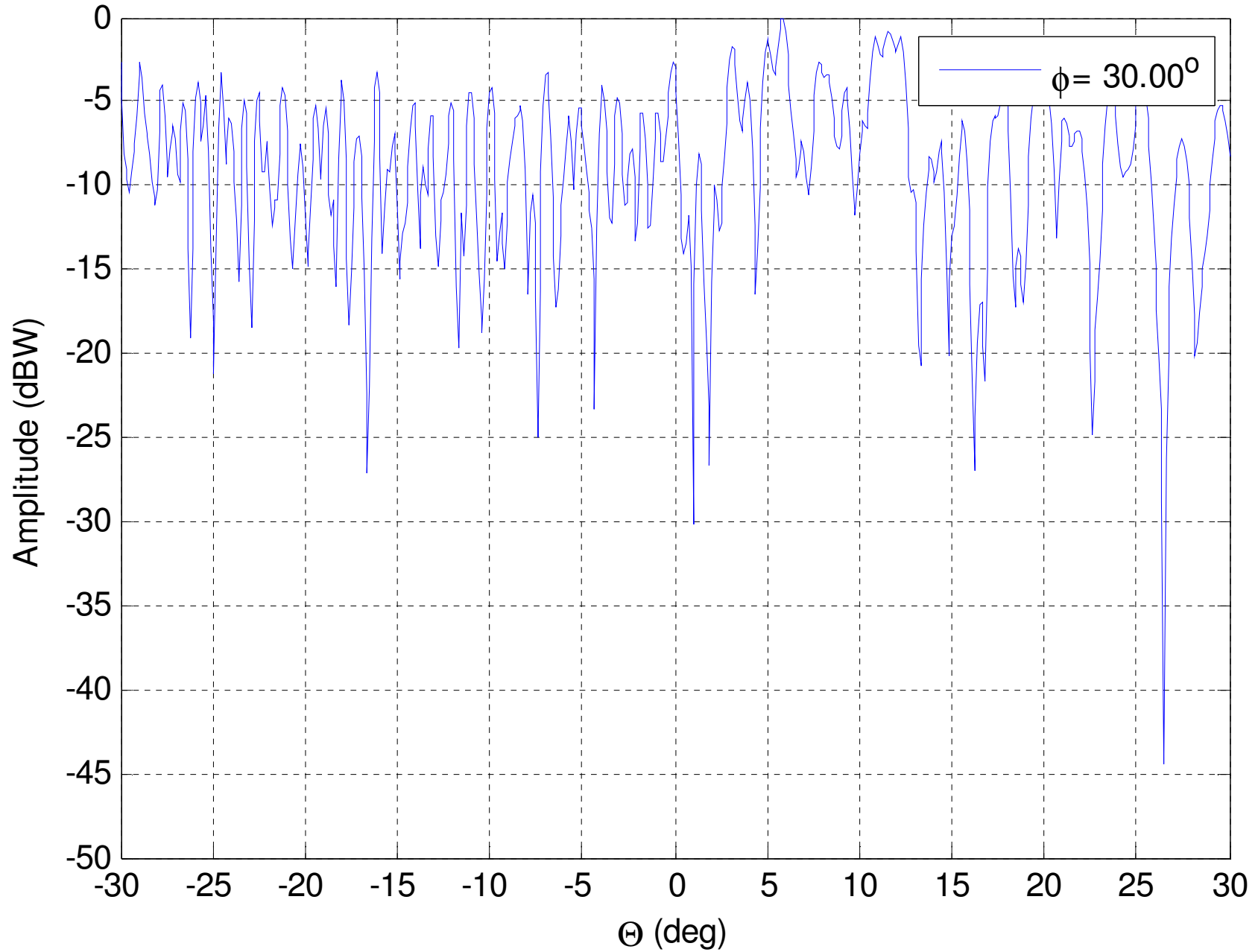
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-20.cut, Peak: 0.46 dBW, Date: 07-Feb-2012



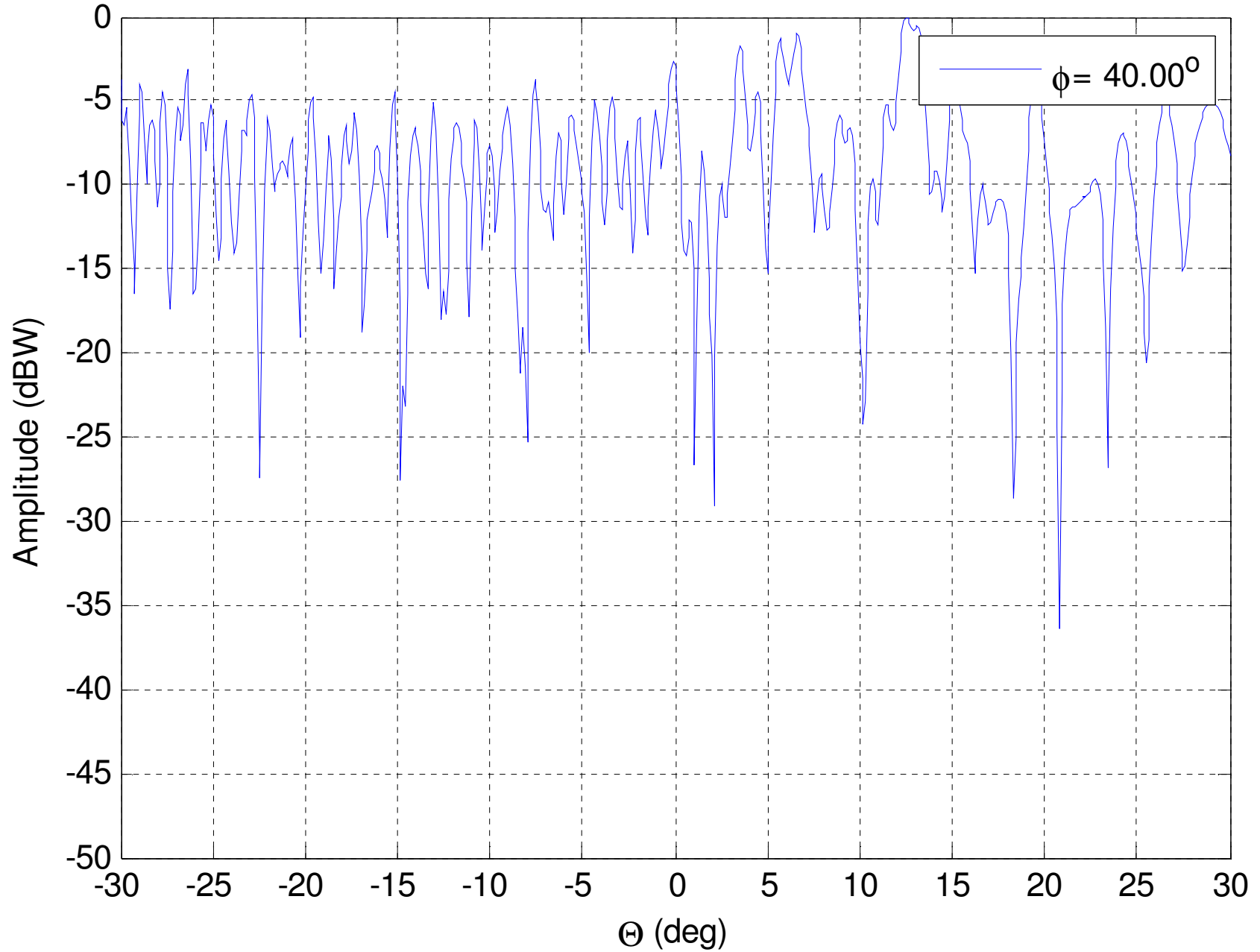
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-30.cut, Peak: 0.08 dBW, Date: 07-Feb-2012



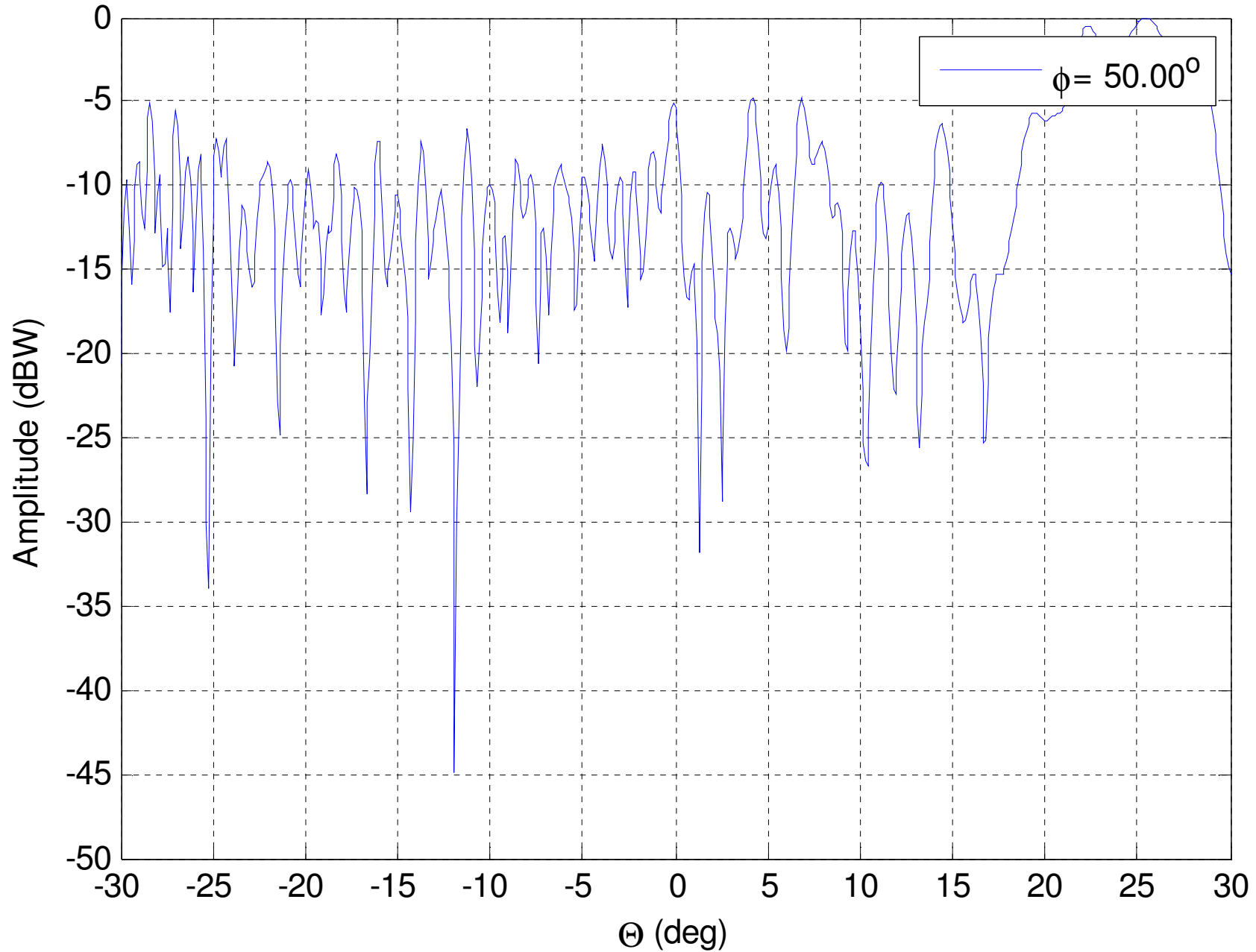
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-40.cut, Peak: 0.06 dBW, Date: 07-Feb-2012



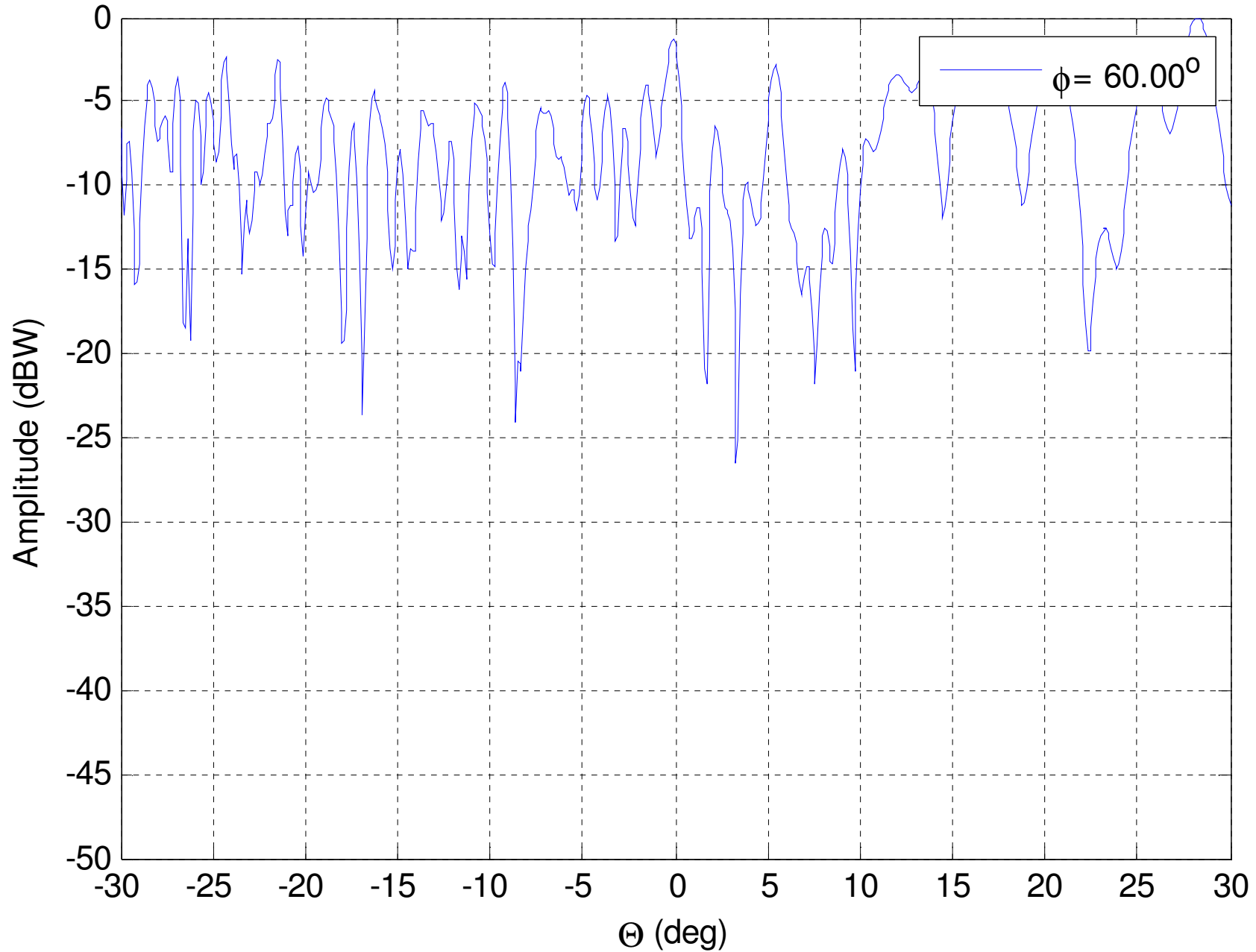
Normalized pattern cuts - farfield

Input file: tx-17.75-rhcp-50.cut, Peak: 2.55 dBW, Date: 07-Feb-2012



Normalized pattern cuts - farfield

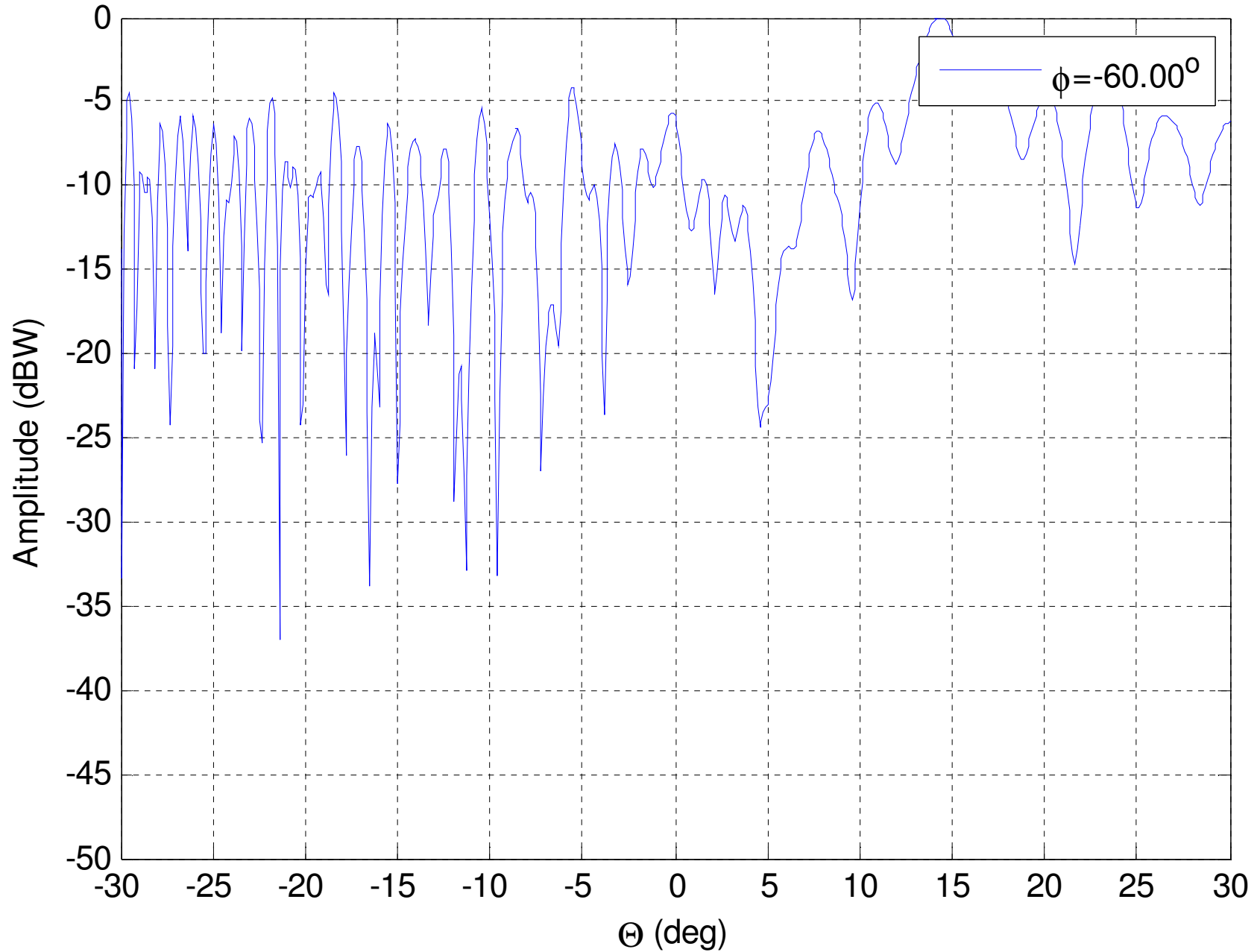
Input file: tx-17.75-rhcp-60.cut, Peak: -1.24 dBW, Date: 07-Feb-2012



LHCP at 17.75 GHz

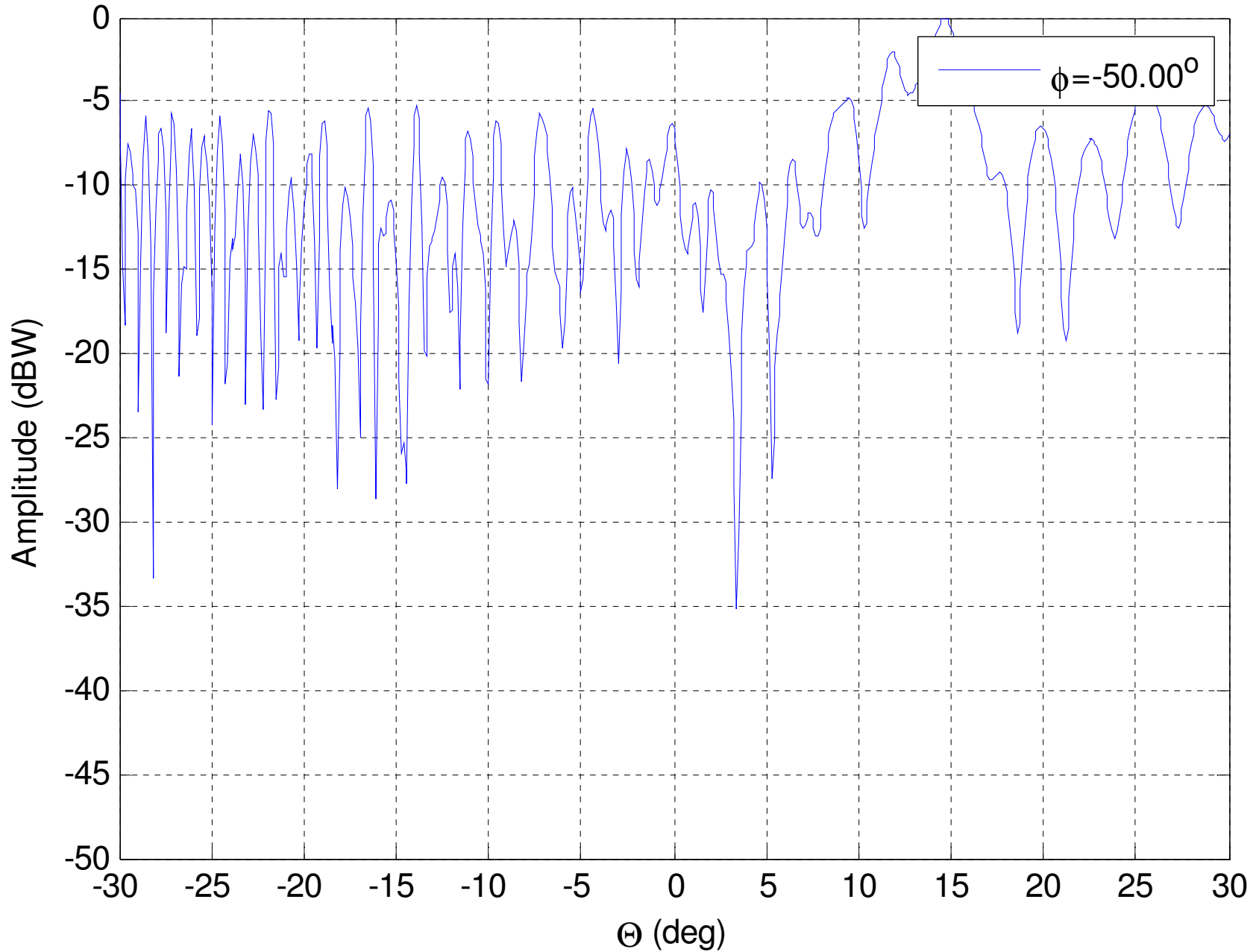
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--60.cut, Peak: 2.51 dBW, Date: 07-Feb-2012



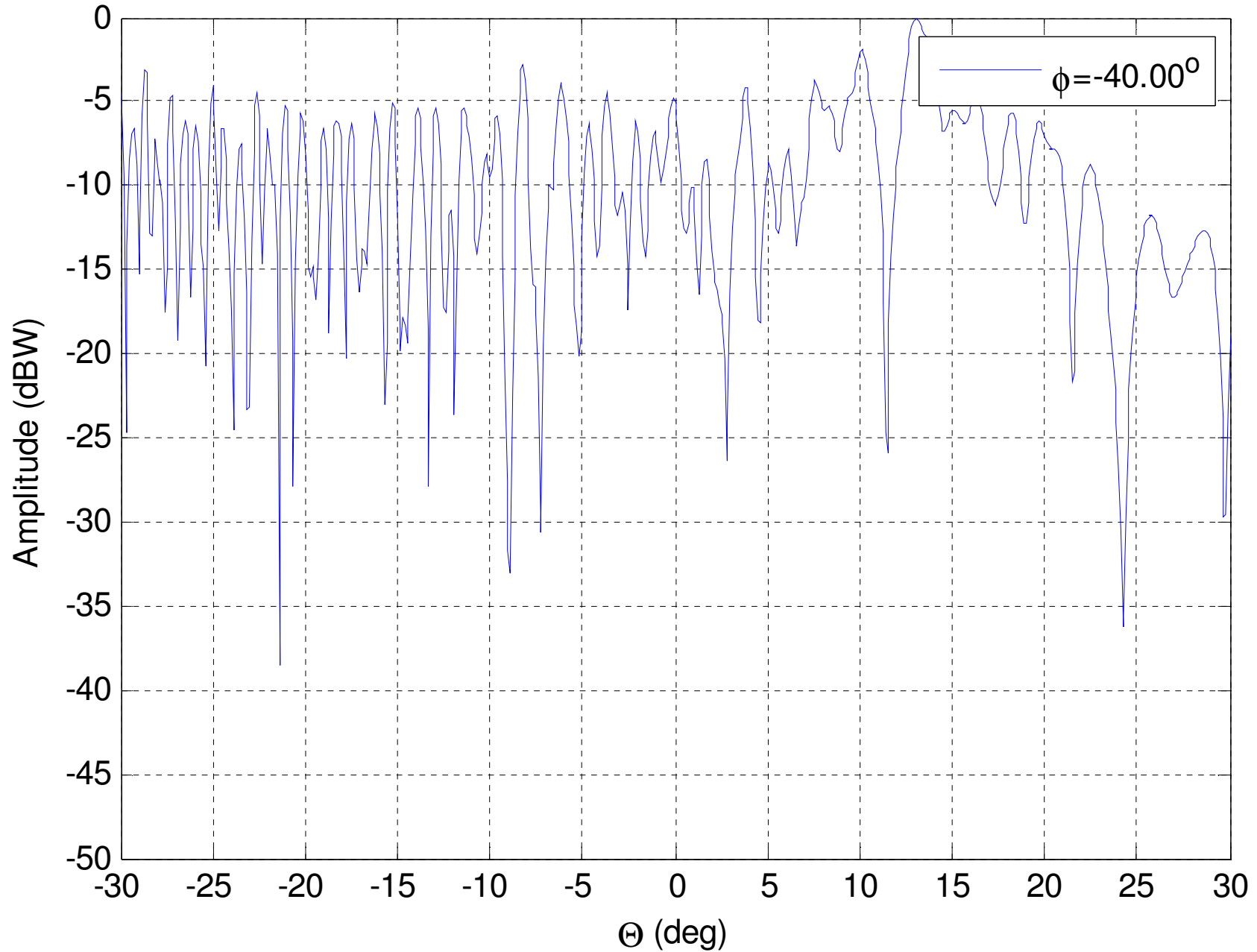
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--50.cut, Peak: 3.23 dBW, Date: 07-Feb-2012



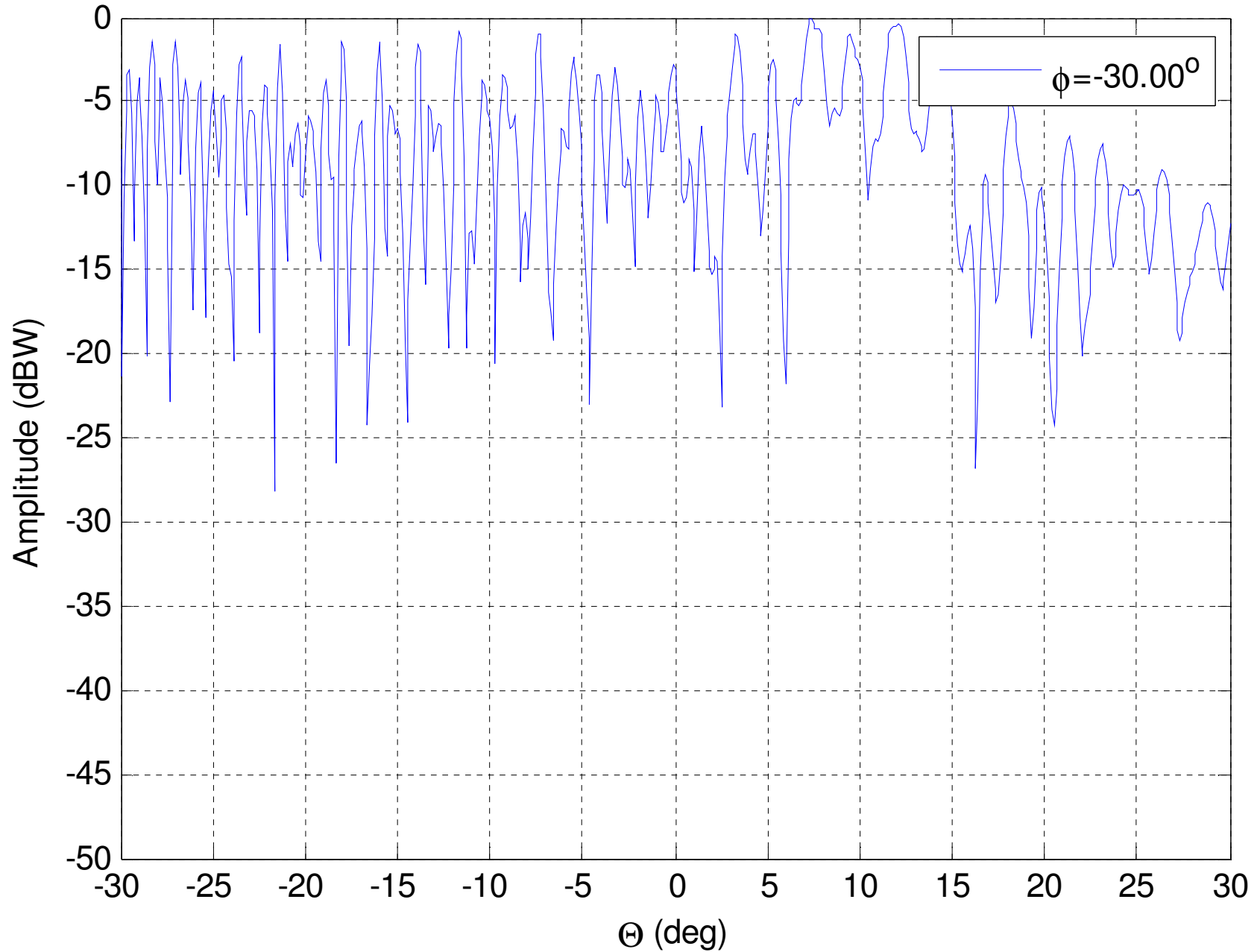
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--40.cut, Peak: 1.66 dBW, Date: 07-Feb-2012



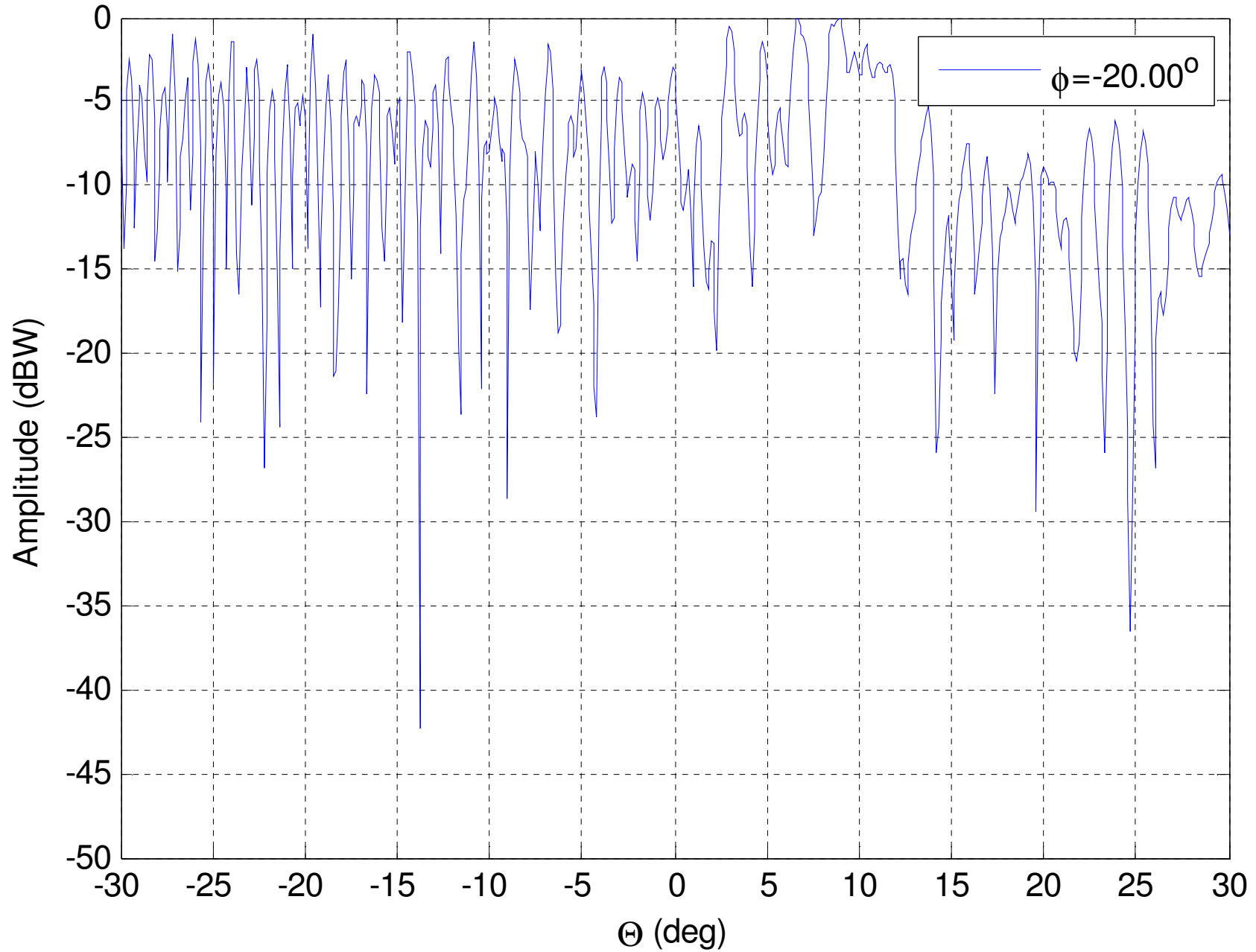
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--30.cut, Peak: -0.34 dBW, Date: 07-Feb-2012



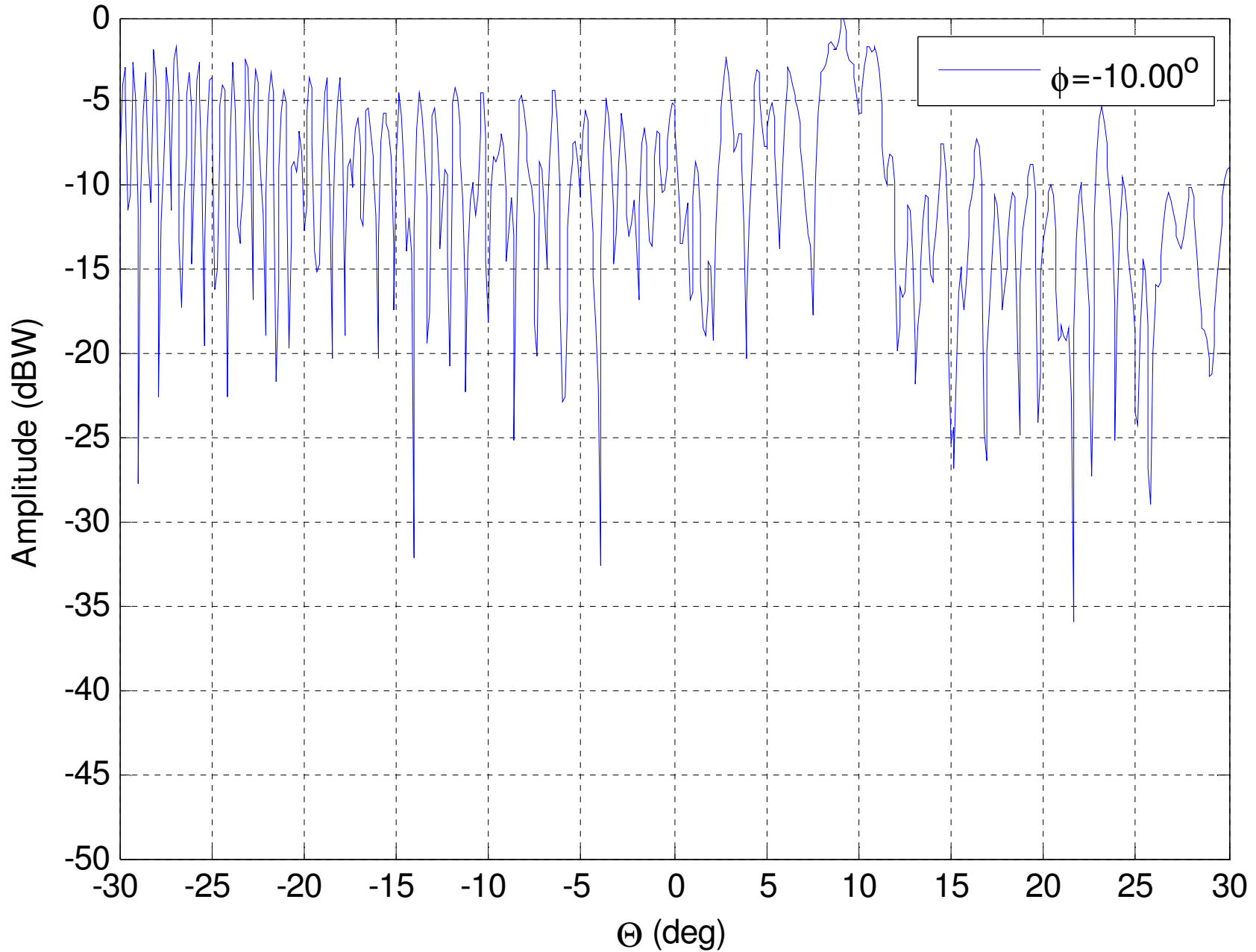
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--20.cut, Peak: -0.19 dBW, Date: 07-Feb-2012



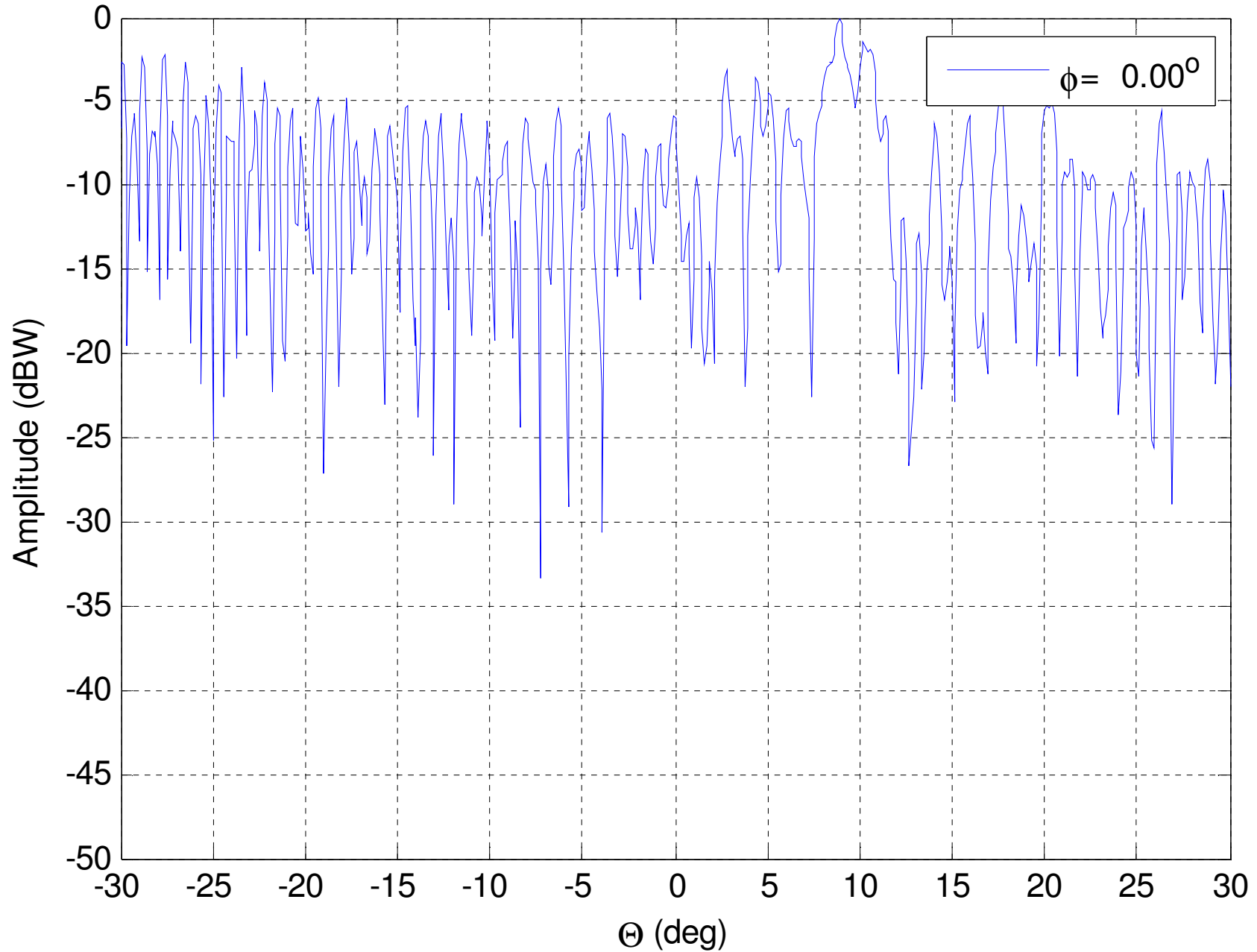
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp--10.cut, Peak: 1.79 dBW, Date: 07-Feb-2012



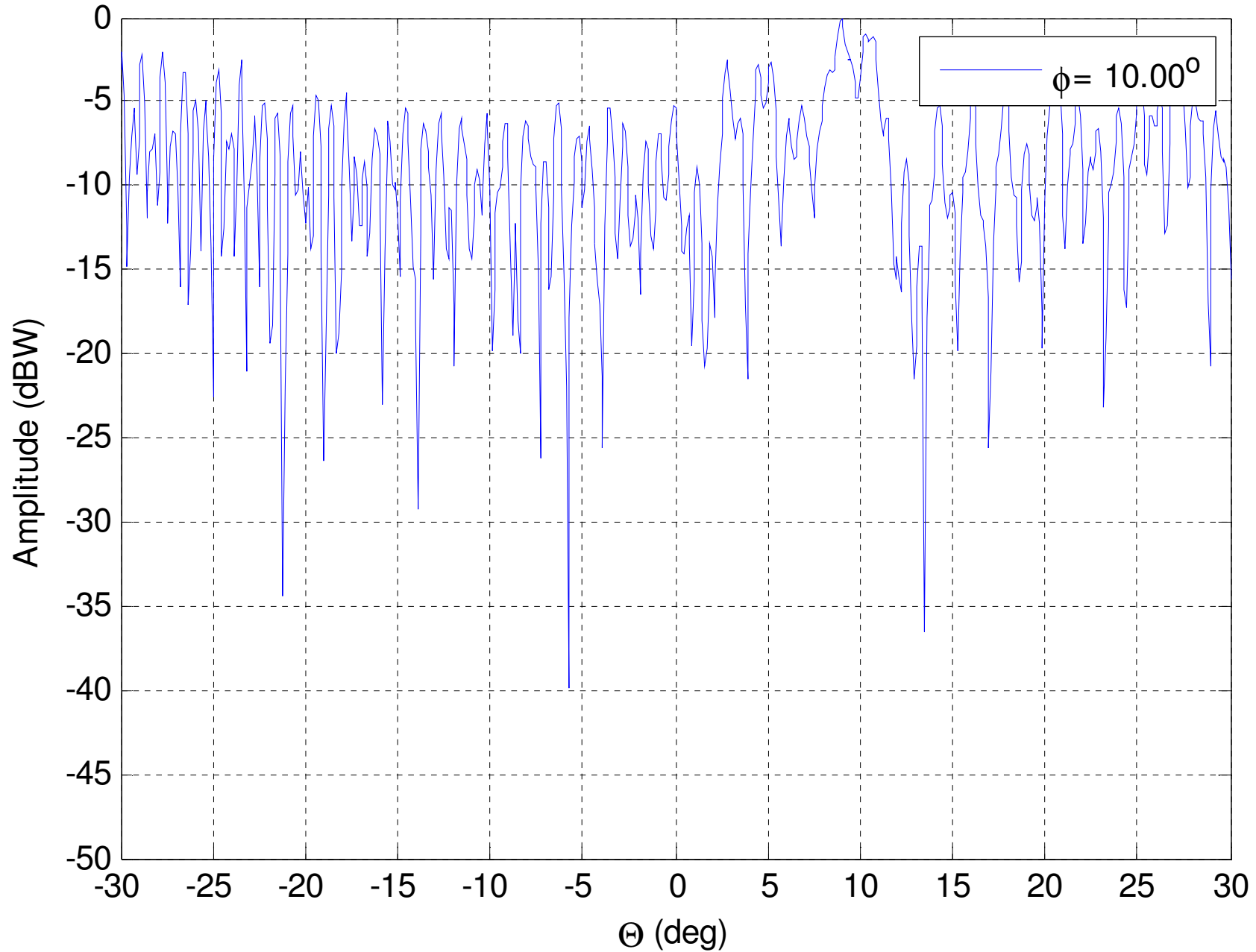
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-0.cut, Peak: 2.62 dBW, Date: 07-Feb-2012



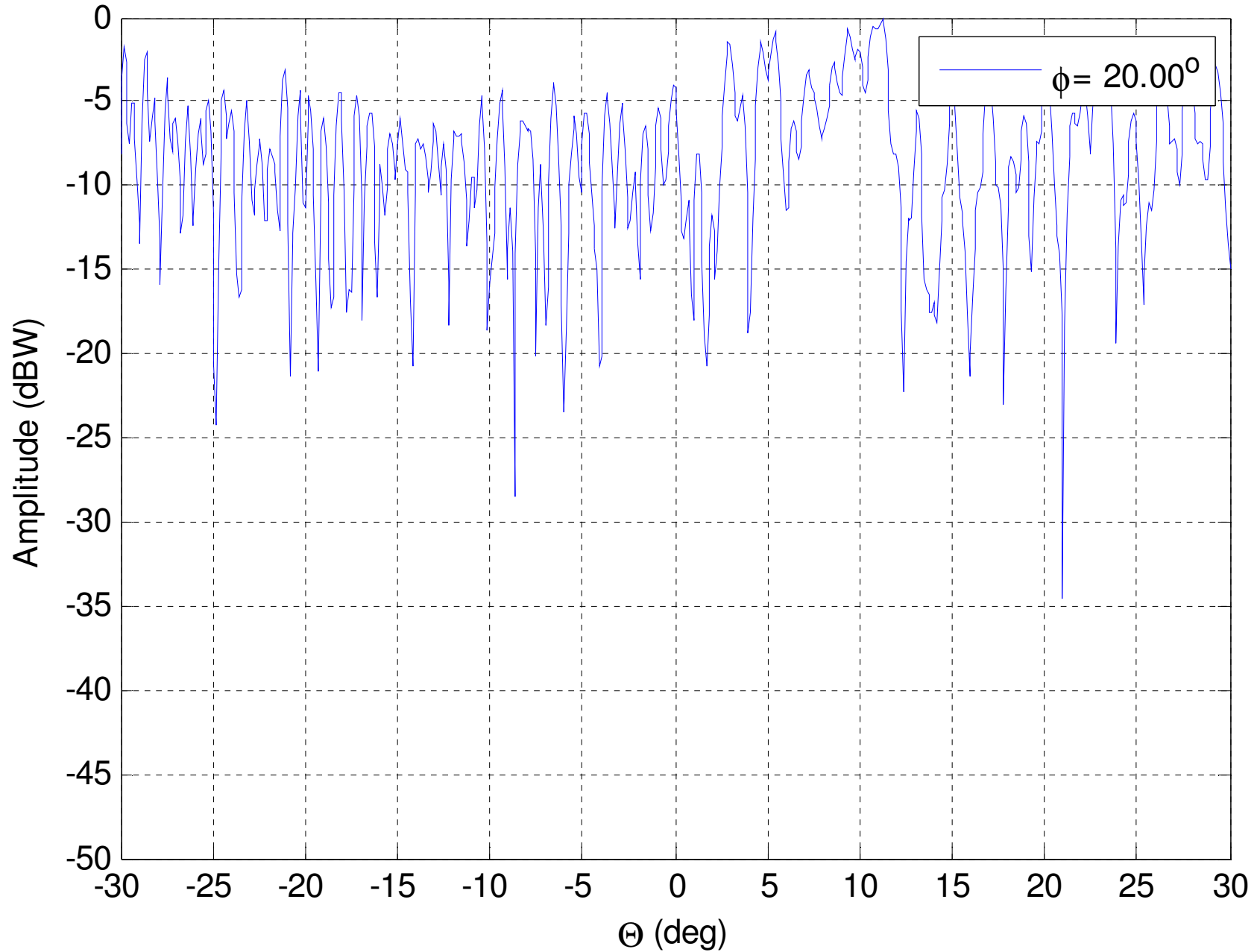
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-10.cut, Peak: 1.96 dBW, Date: 07-Feb-2012



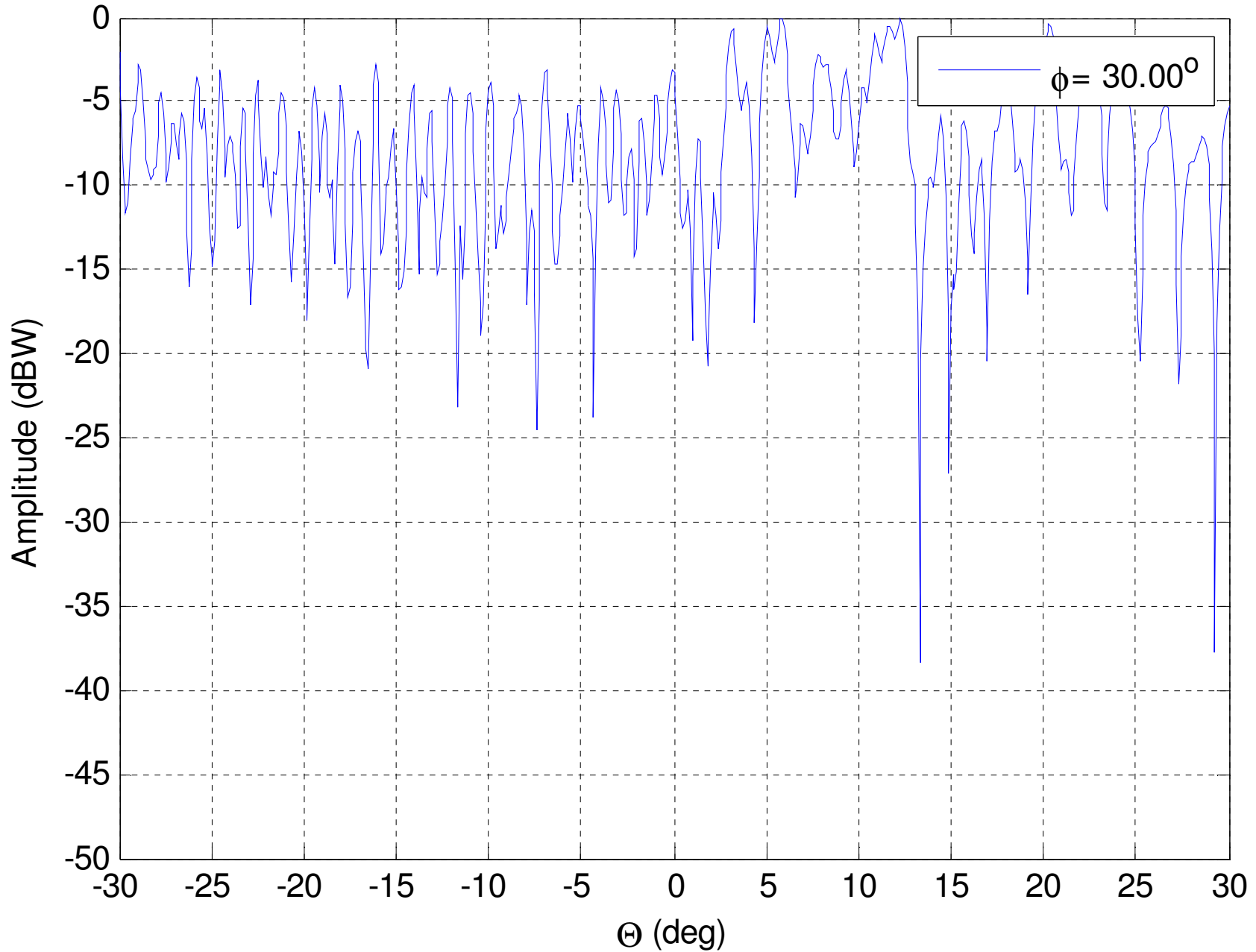
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-20.cut, Peak: 0.75 dBW, Date: 07-Feb-2012



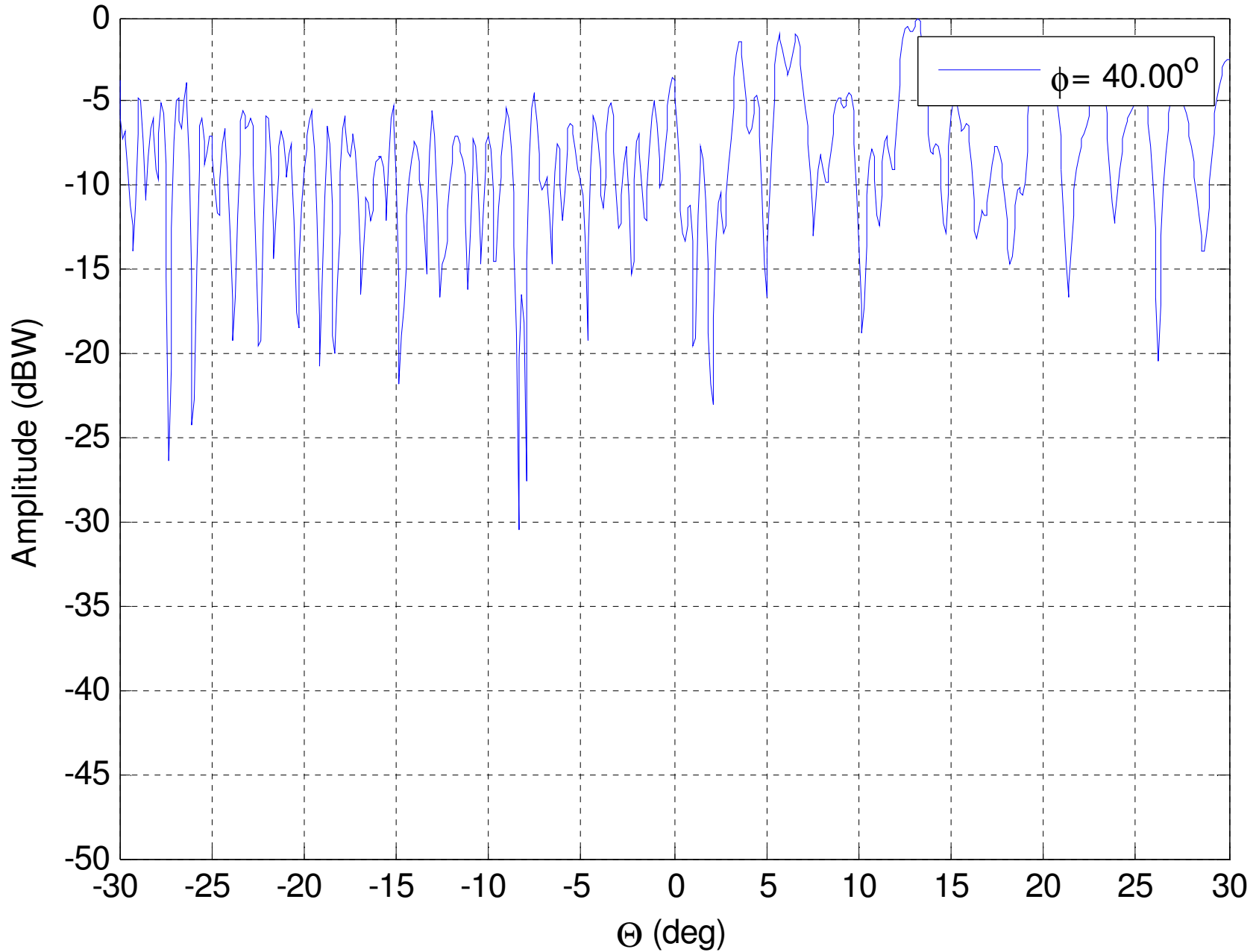
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-30.cut, Peak: -0.13 dBW, Date: 07-Feb-2012



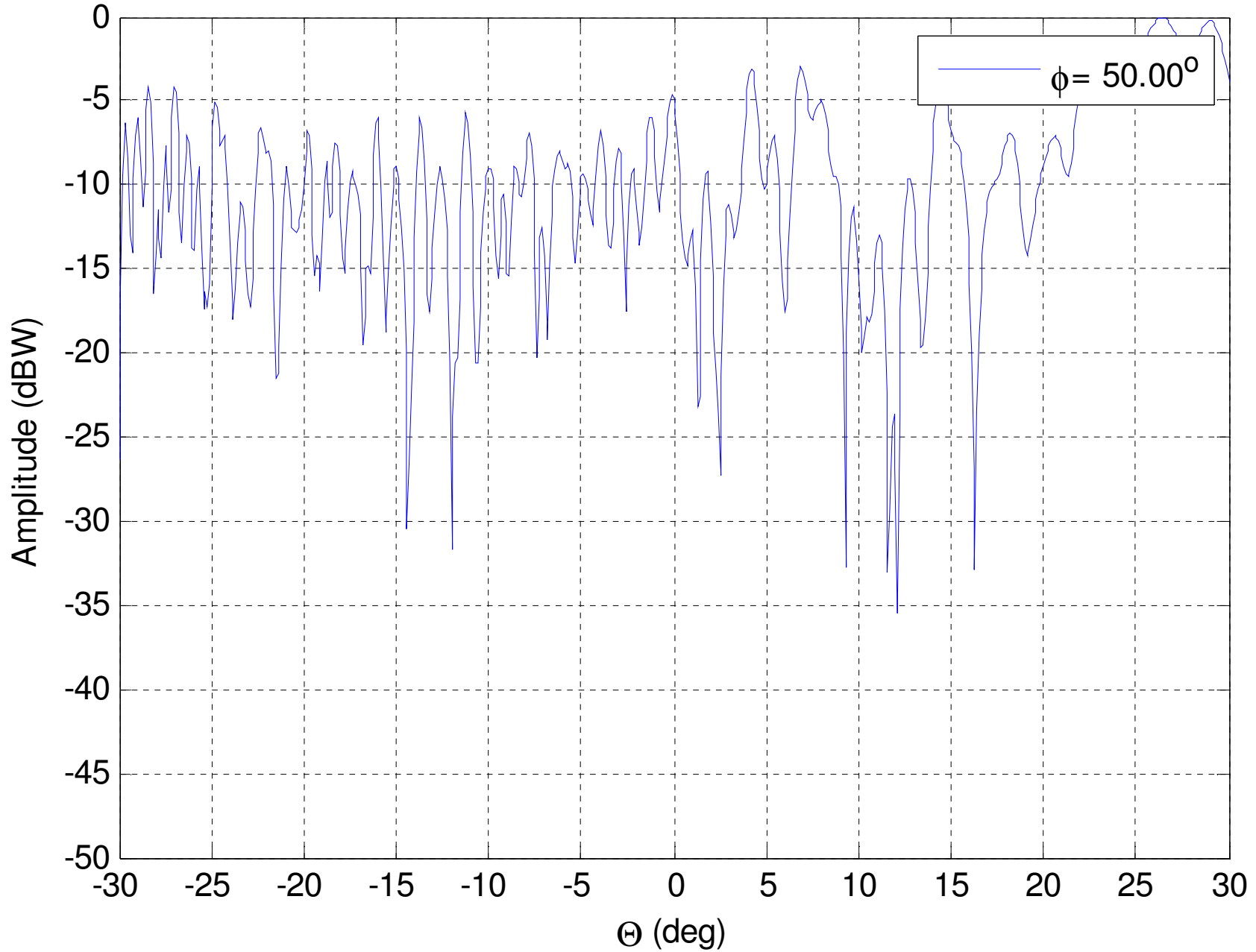
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-40.cut, Peak: 0.32 dBW, Date: 07-Feb-2012



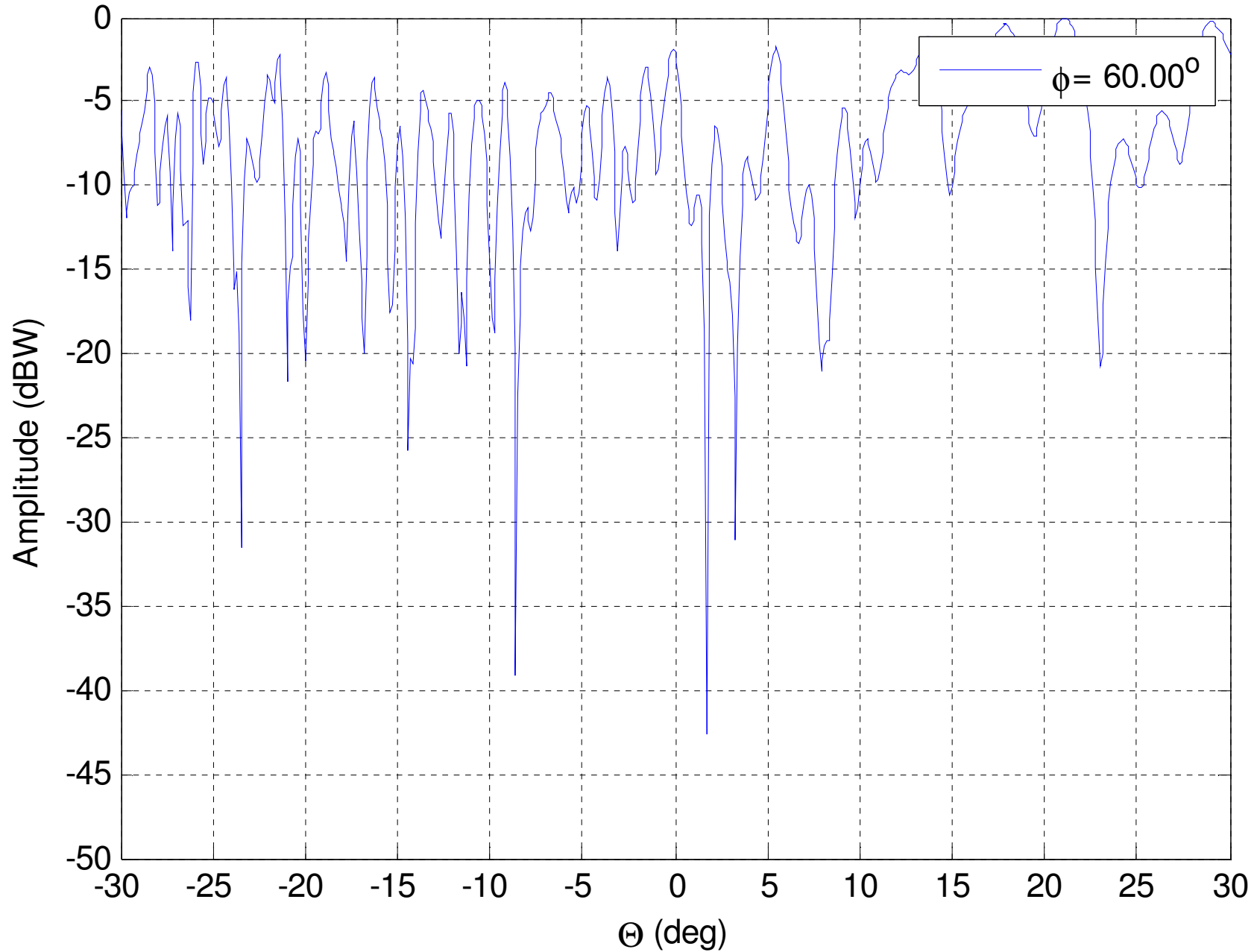
Normalized pattern cuts - farfield

Input file: tx-17.75-lhcp-50.cut, Peak: 1.50 dBW, Date: 07-Feb-2012



Normalized pattern cuts - farfield

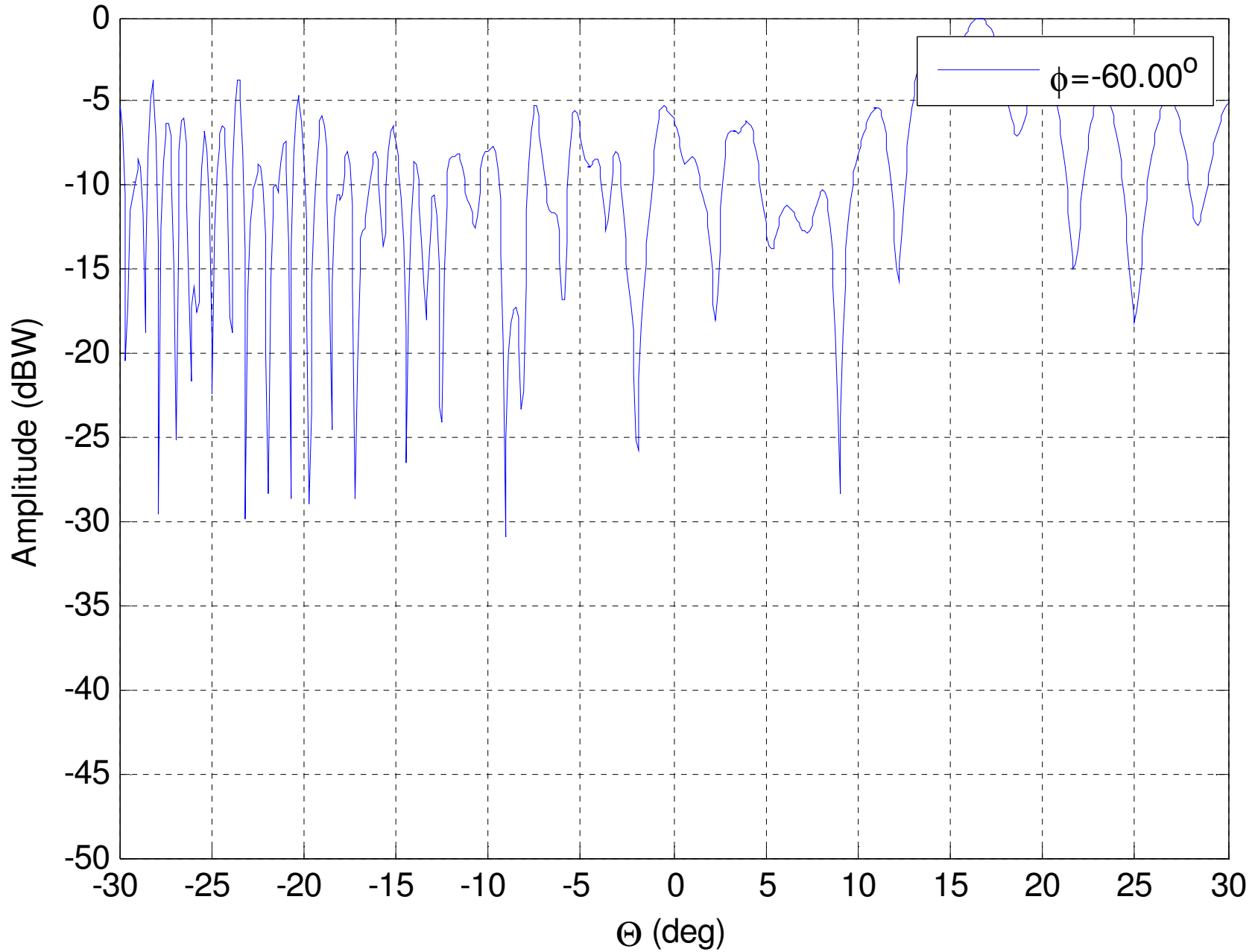
Input file: tx-17.75-lhcp-60.cut, Peak: -1.36 dBW, Date: 07-Feb-2012



RHCP at 17.795 GHz

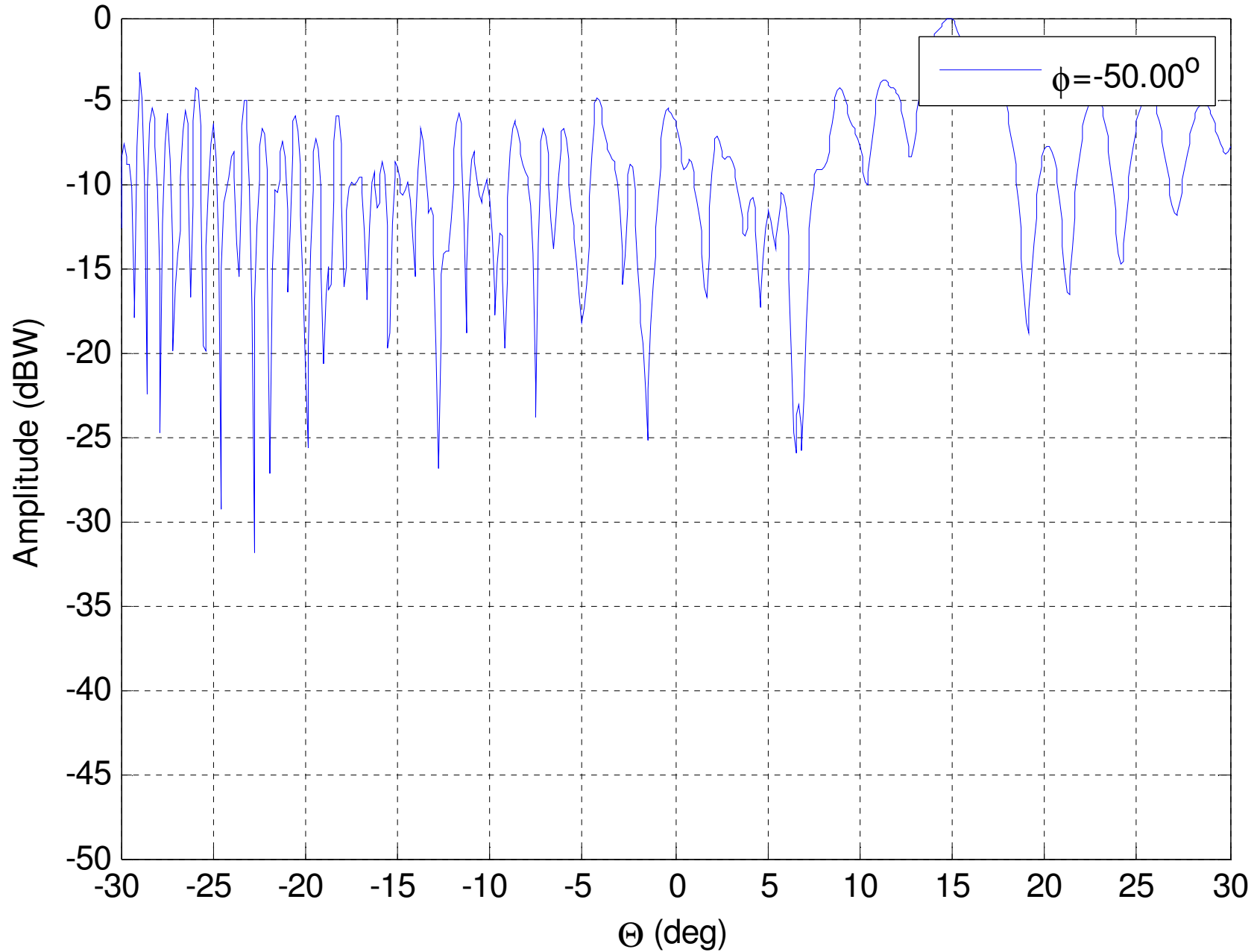
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--60.cut, Peak: 2.29 dBW, Date: 19-Sep-2011



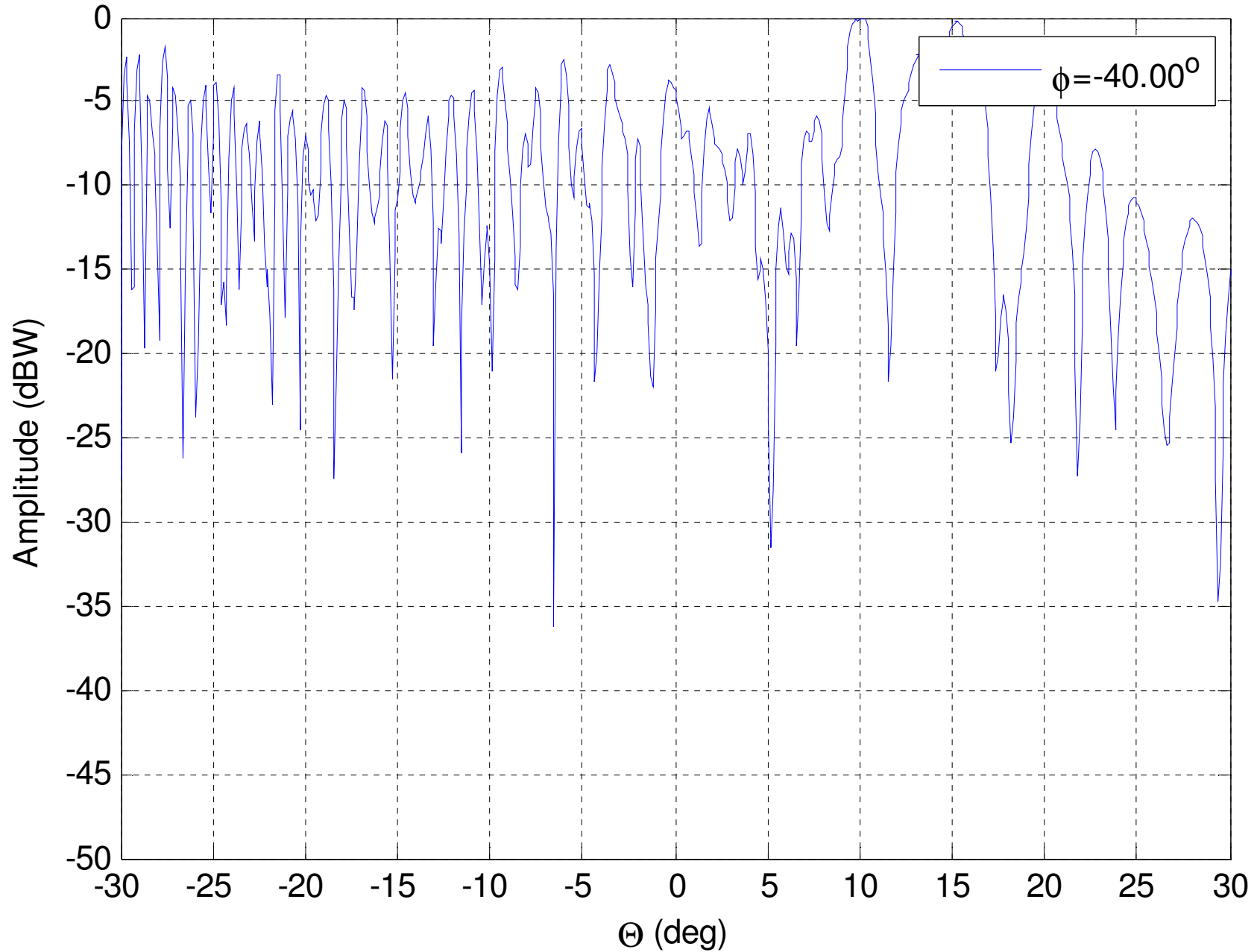
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--50.cut, Peak: 2.41 dBW, Date: 19-Sep-2011



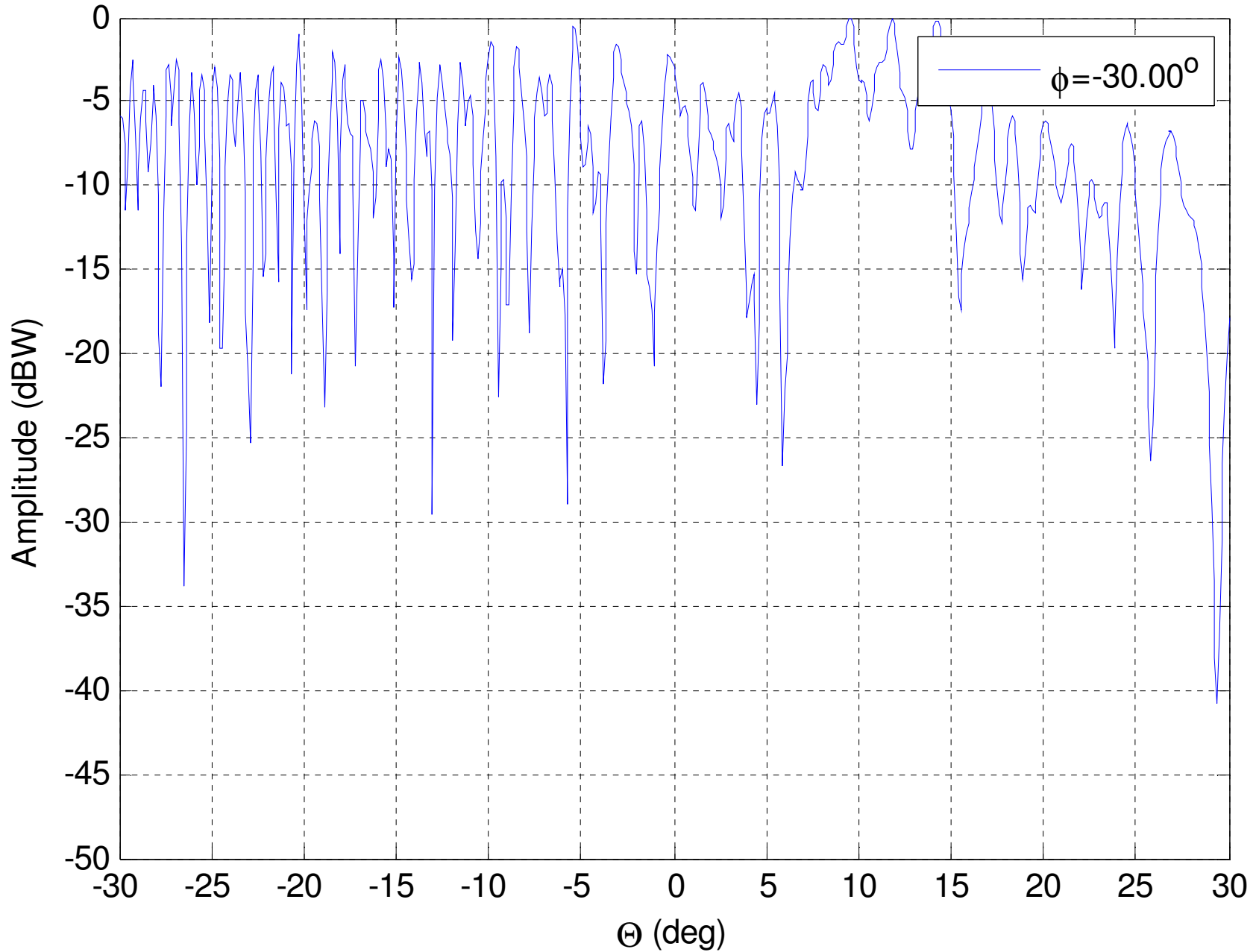
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--40.cut, Peak: 0.62 dBW, Date: 19-Sep-2011



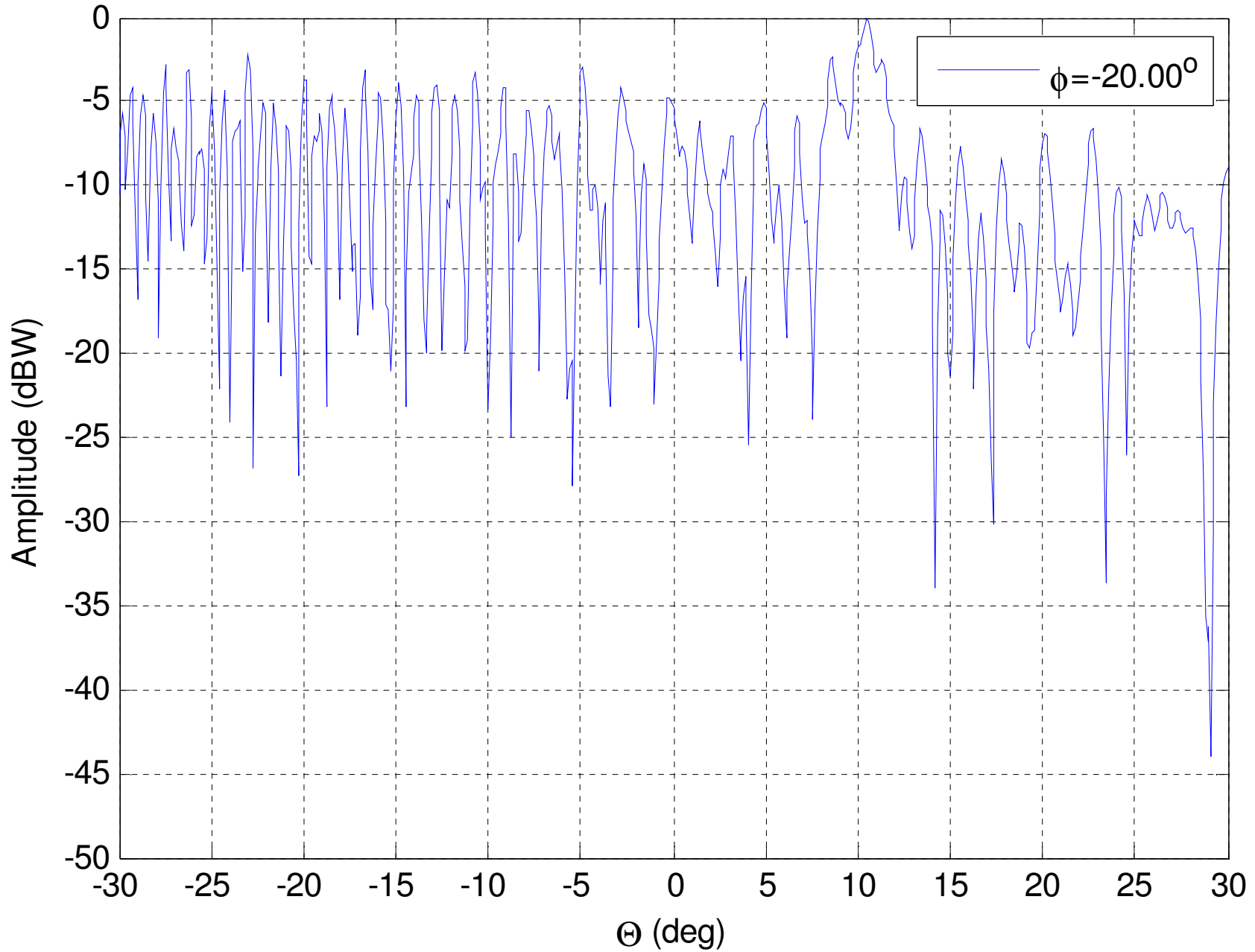
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--30.cut, Peak: -0.87 dBW, Date: 19-Sep-2011



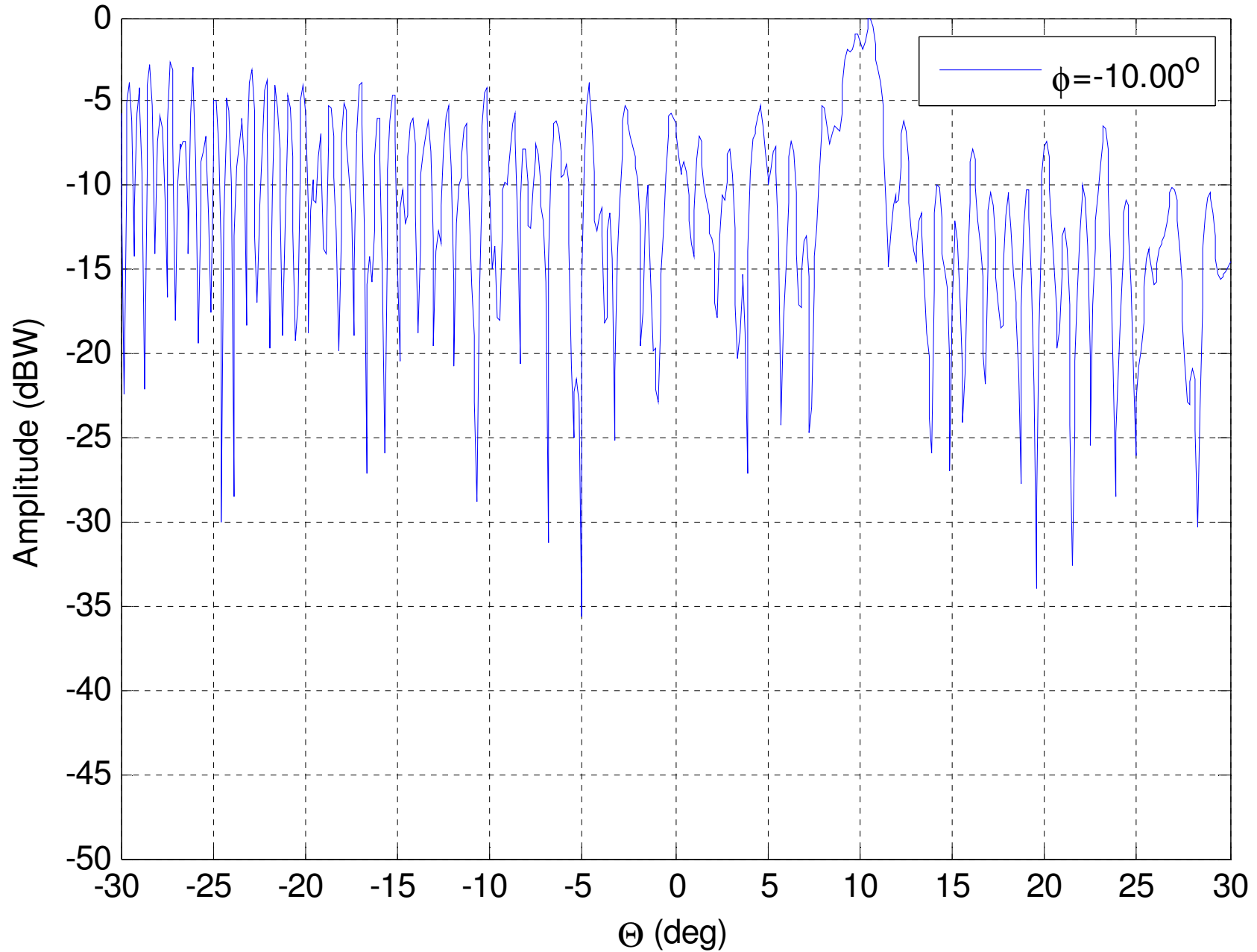
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--20.cut, Peak: 1.61 dBW, Date: 19-Sep-2011



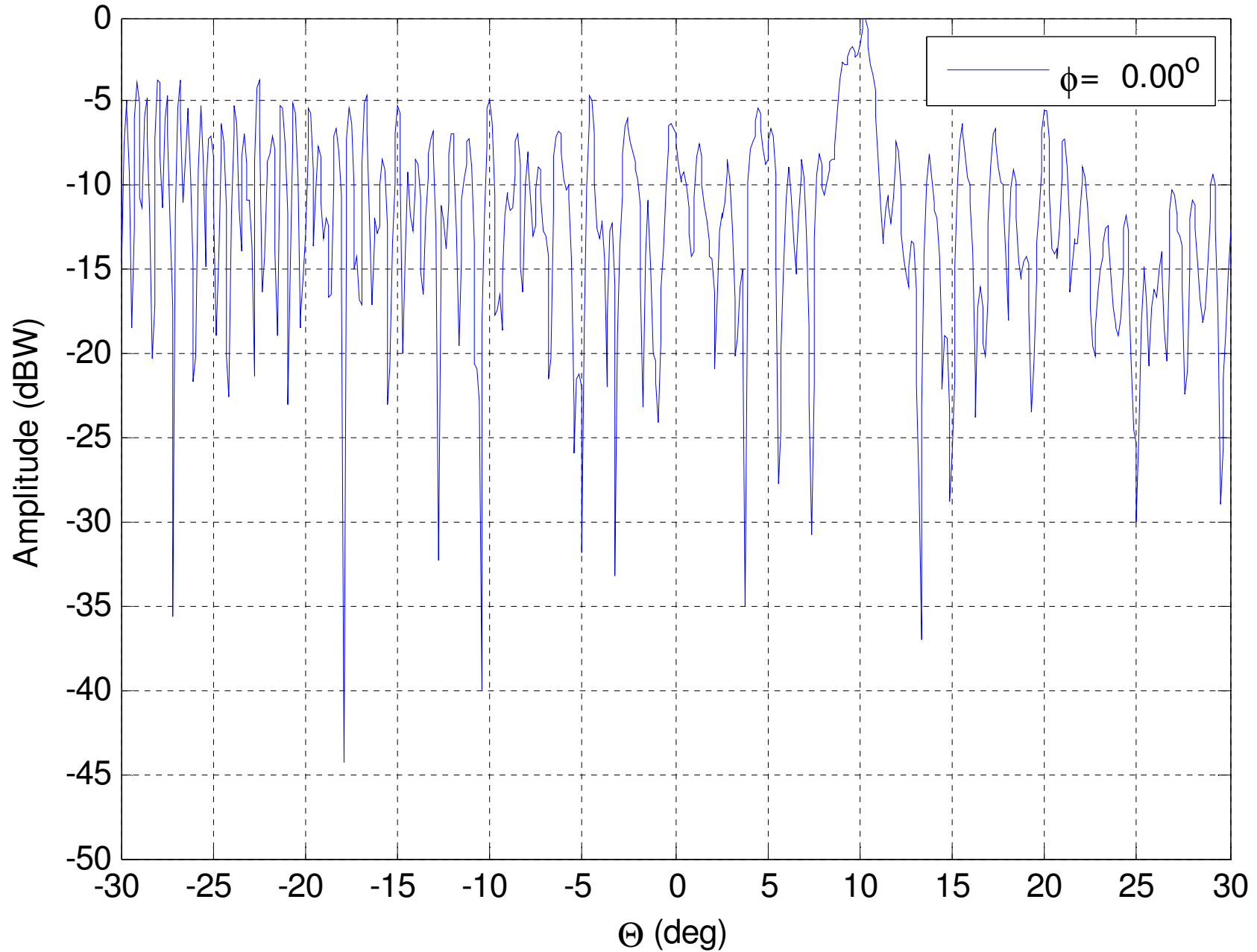
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp--10.cut, Peak: 2.55 dBW, Date: 19-Sep-2011



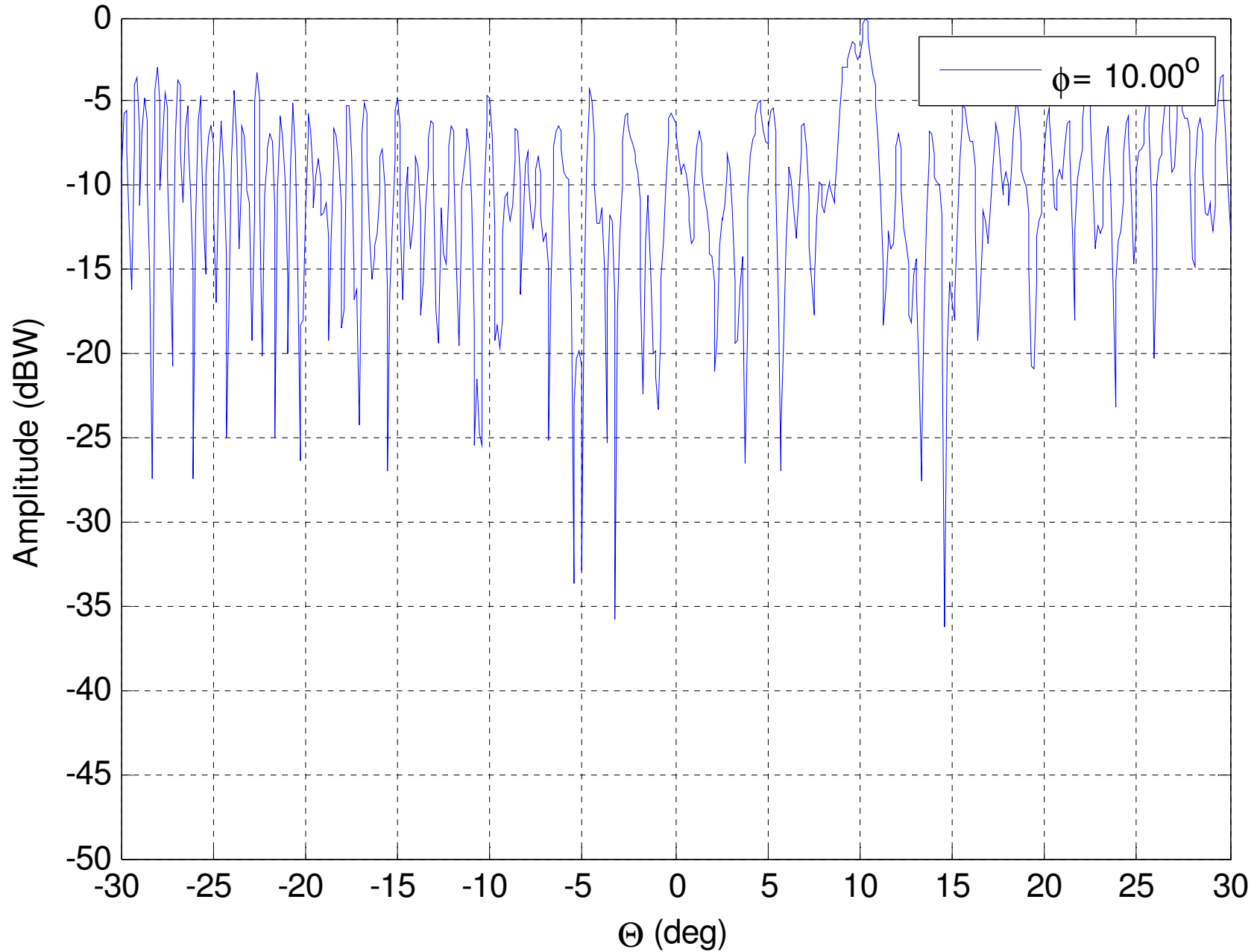
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-0.cut, Peak: 3.09 dBW, Date: 19-Sep-2011



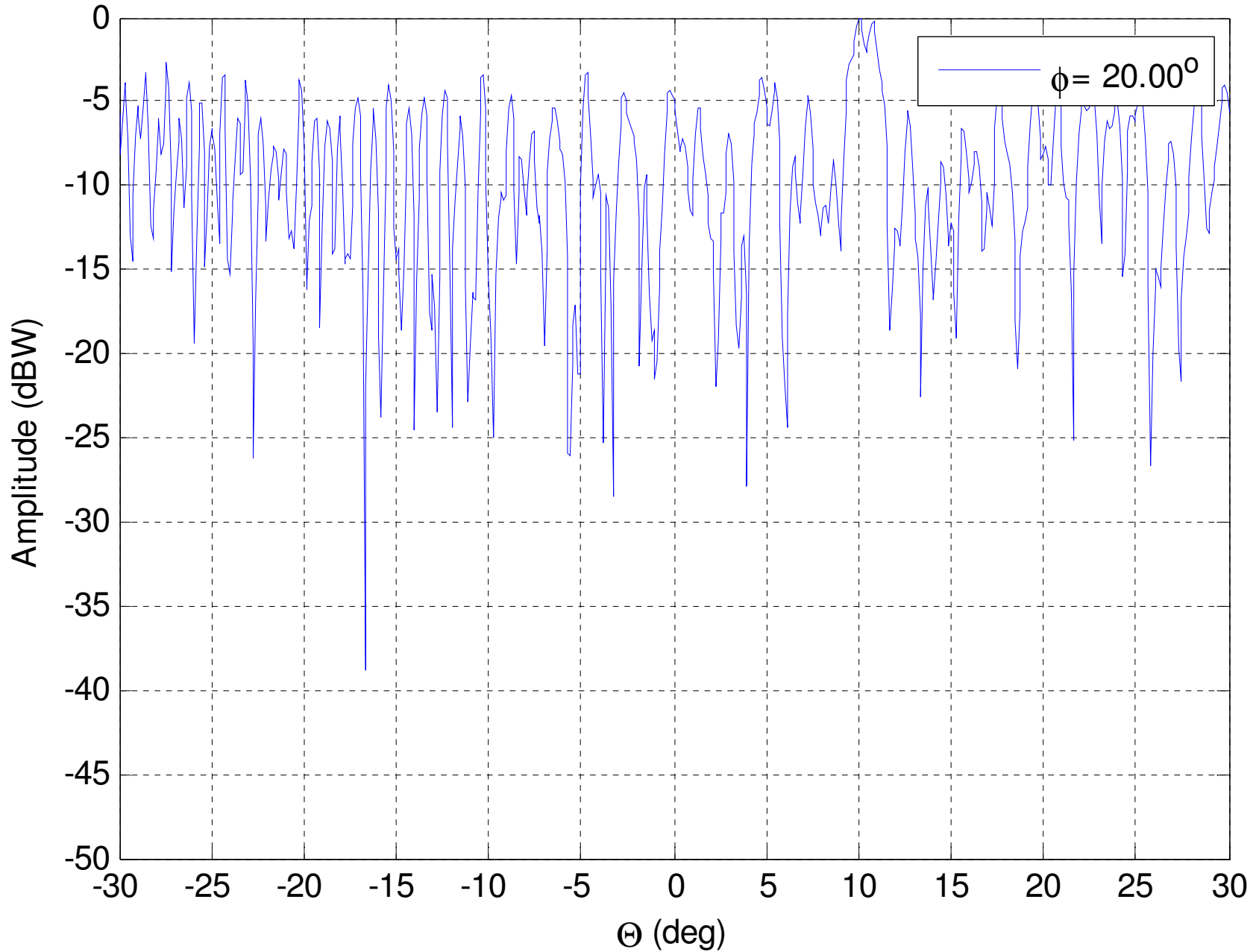
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-10.cut, Peak: 2.56 dBW, Date: 19-Sep-2011



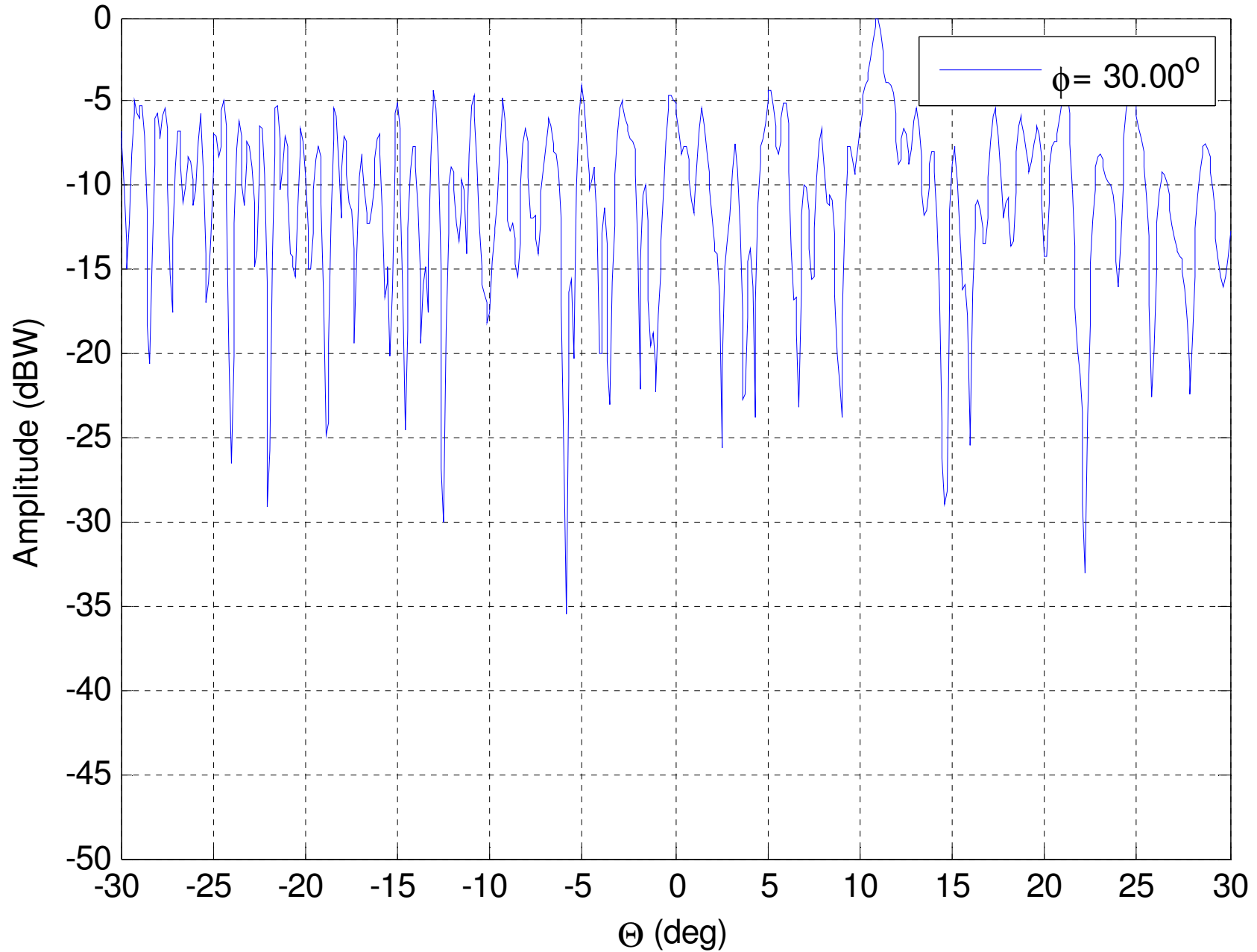
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-20.cut, Peak: 1.17 dBW, Date: 19-Sep-2011



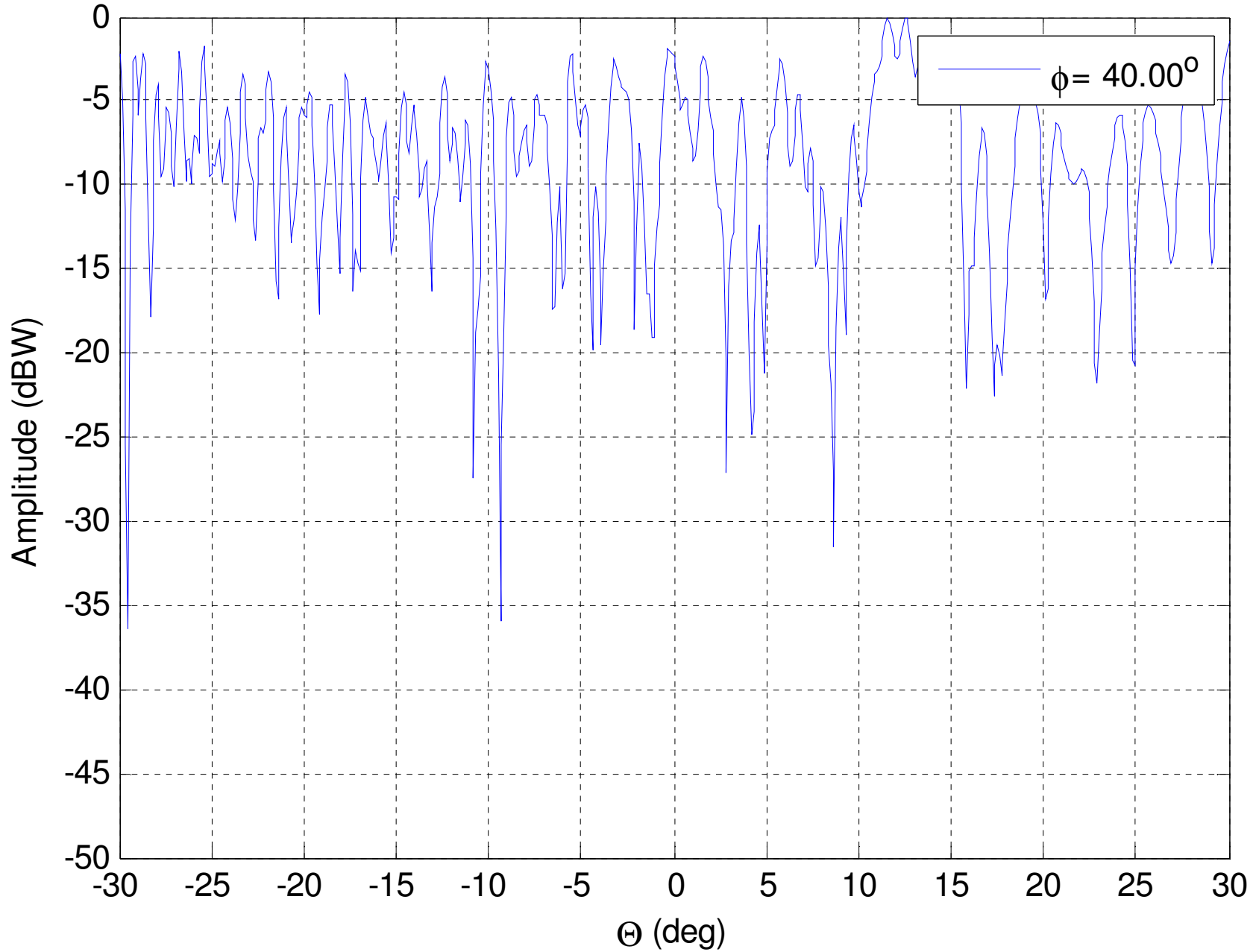
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-30.cut, Peak: 1.40 dBW, Date: 19-Sep-2011



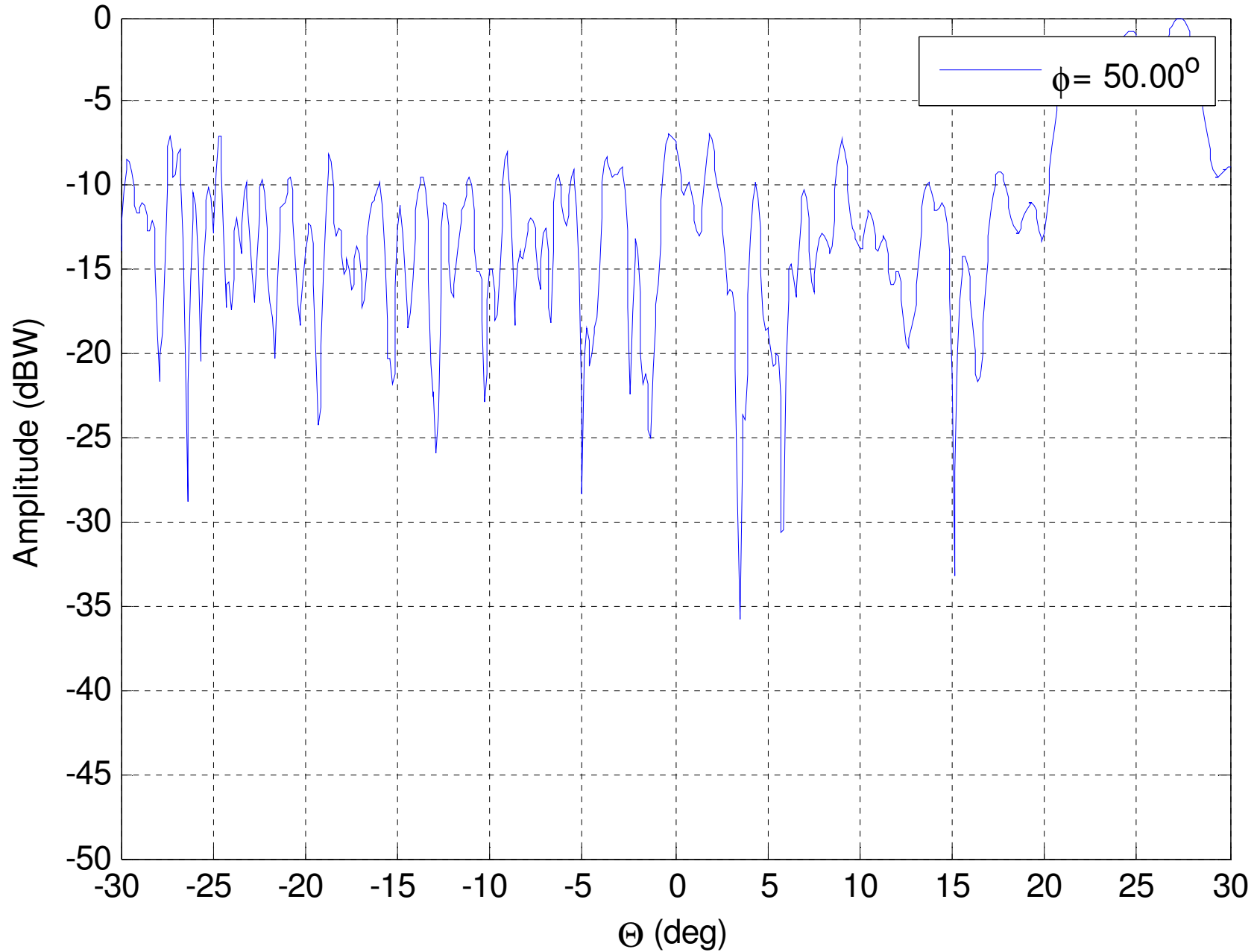
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-40.cut, Peak: -1.34 dBW, Date: 19-Sep-2011



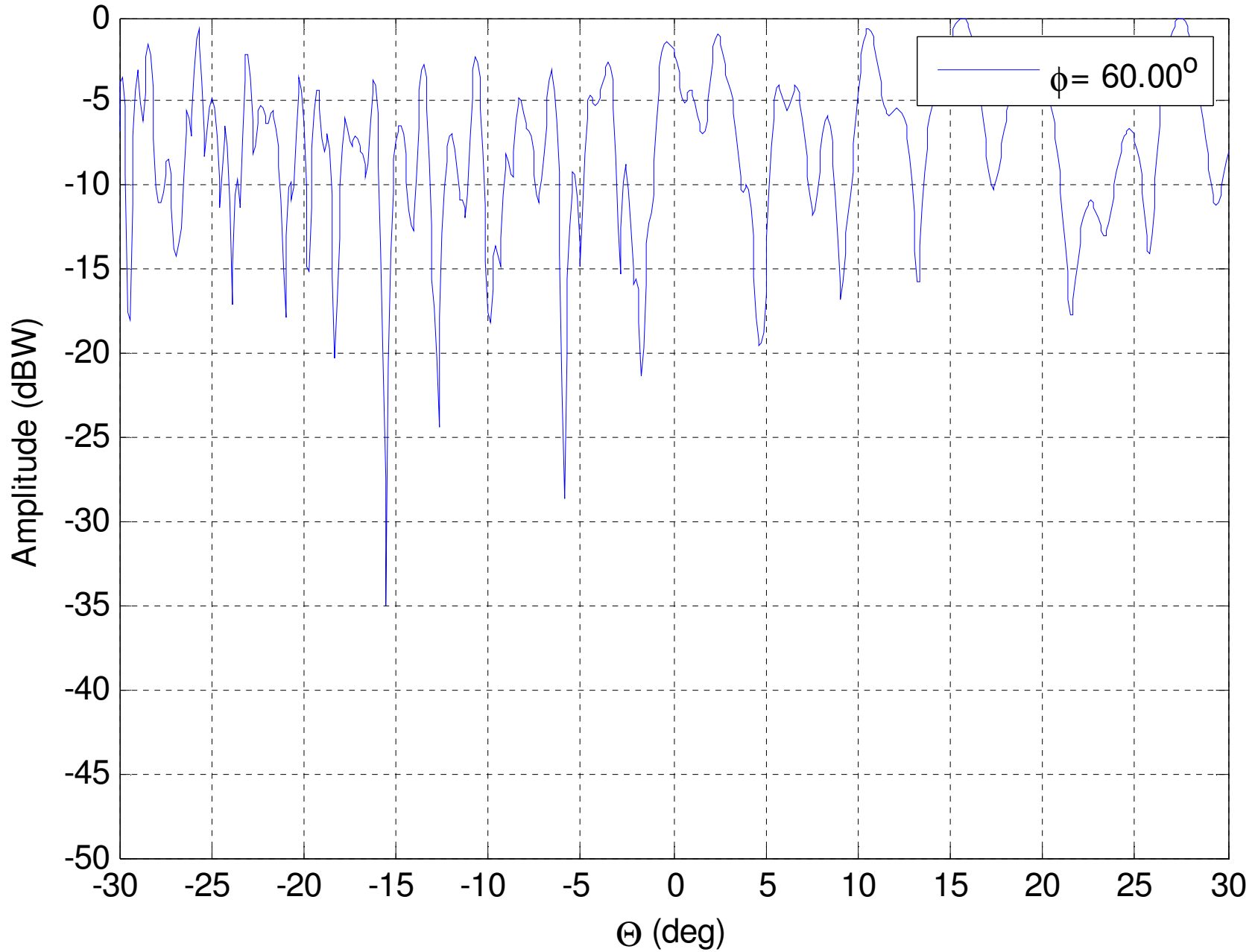
Normalized pattern cuts - farfield

Input file: tx-17.8-rhcp-50.cut, Peak: 3.60 dBW, Date: 19-Sep-2011



Normalized pattern cuts - farfield

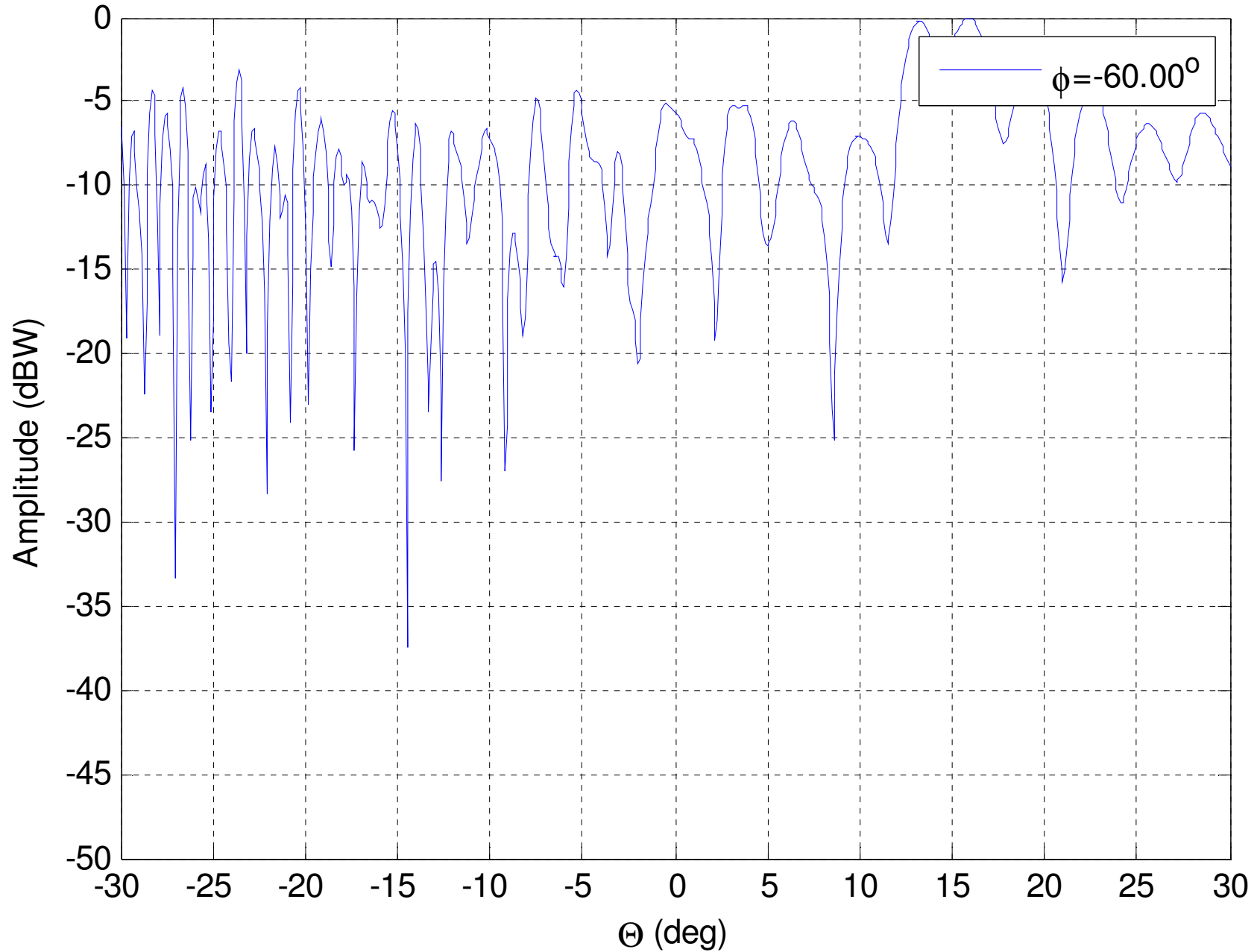
Input file: tx-17.8-rhcp-60.cut, Peak: -1.88 dBW, Date: 19-Sep-2011



LHCP at 17.795 GHz

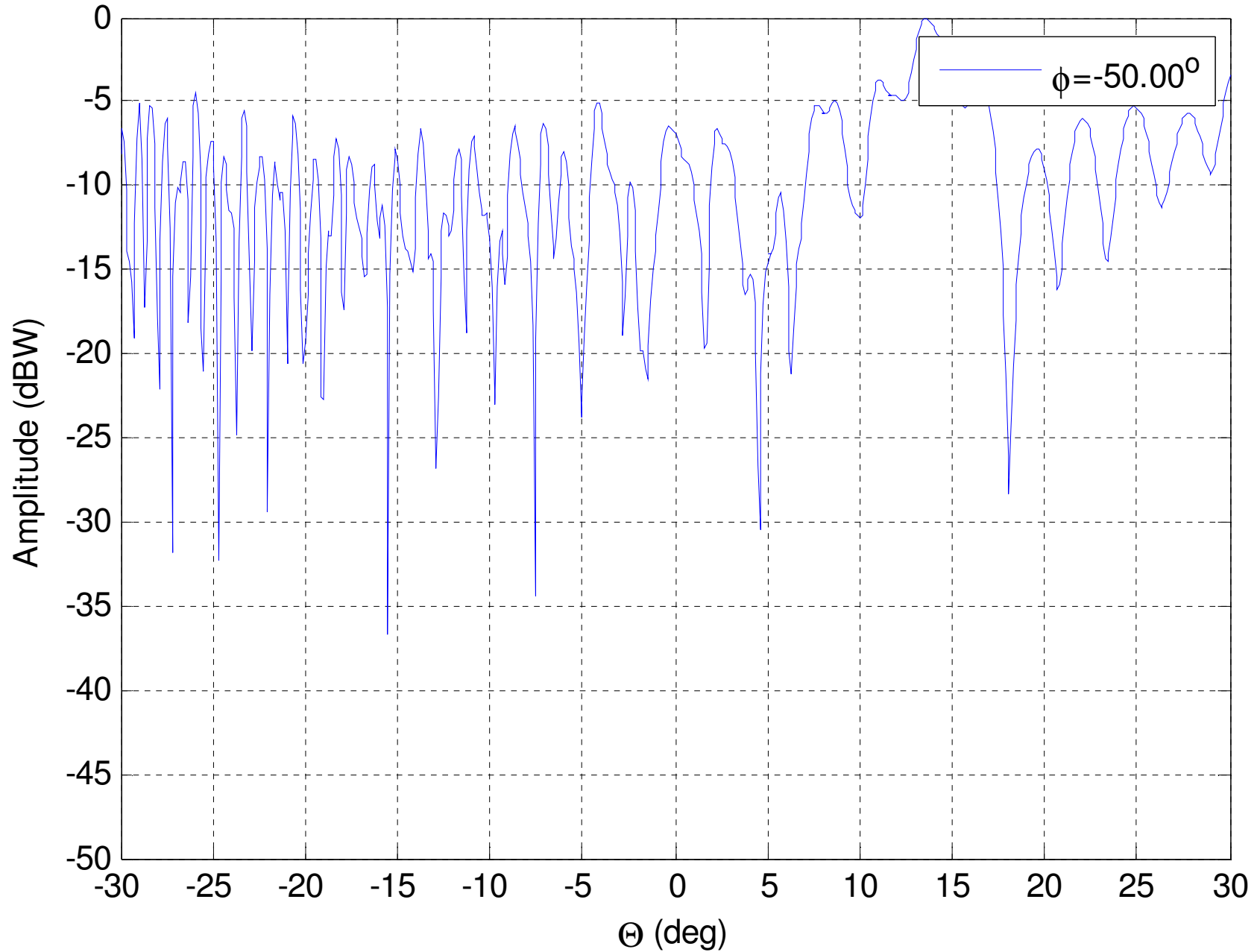
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--60.cut, Peak: 1.82 dBW, Date: 19-Sep-2011



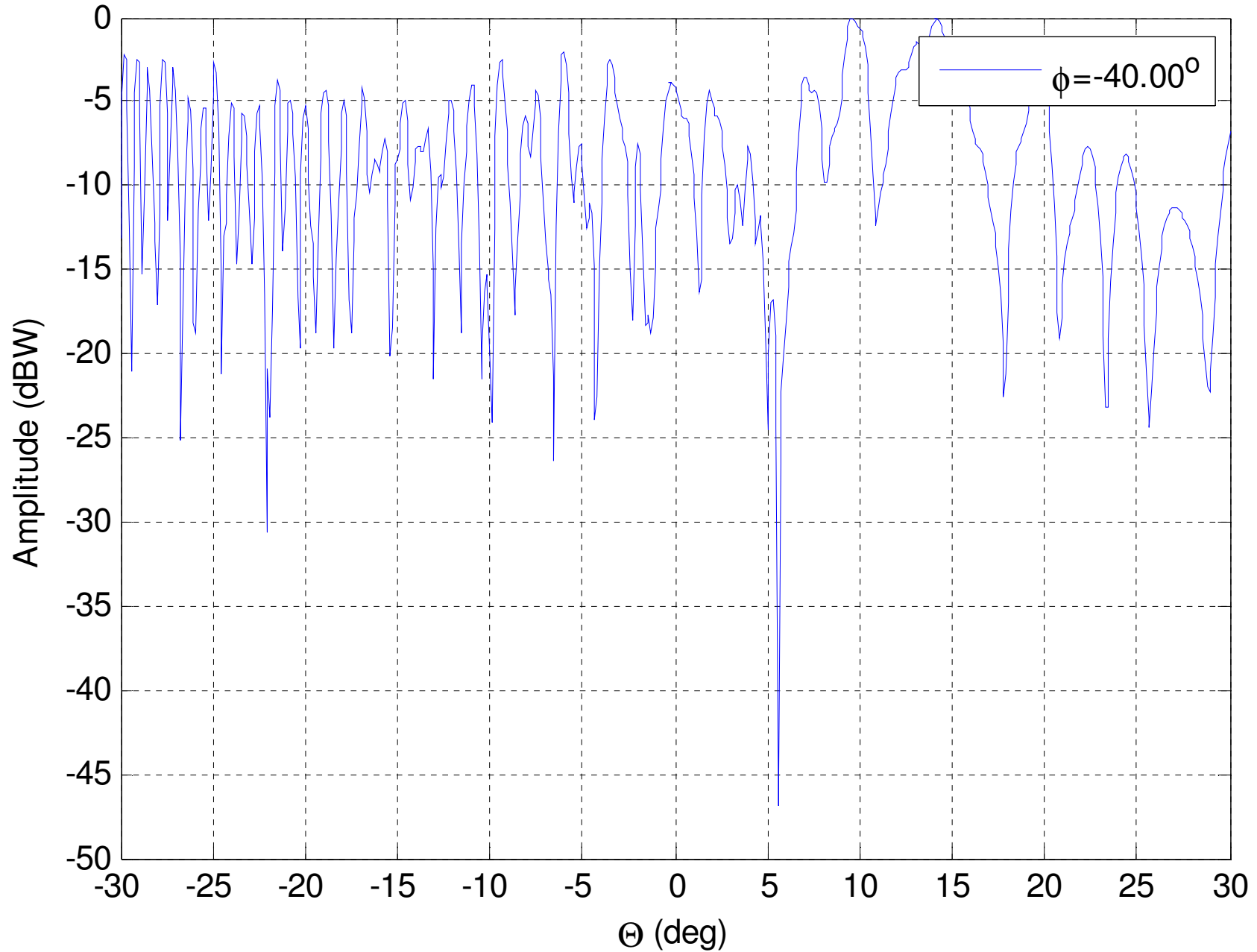
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--50.cut, Peak: 3.09 dBW, Date: 19-Sep-2011



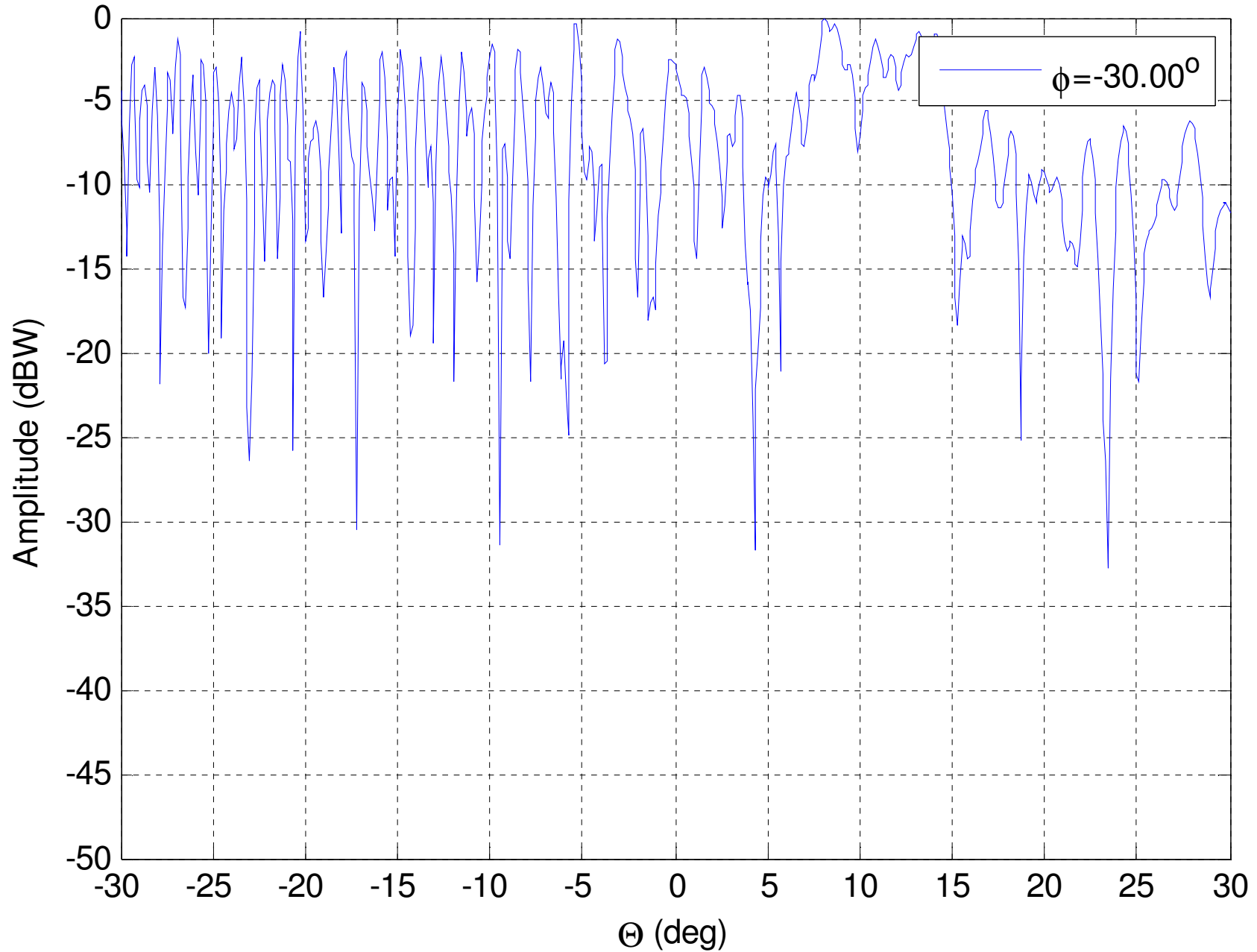
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--40.cut, Peak: 0.45 dBW, Date: 19-Sep-2011



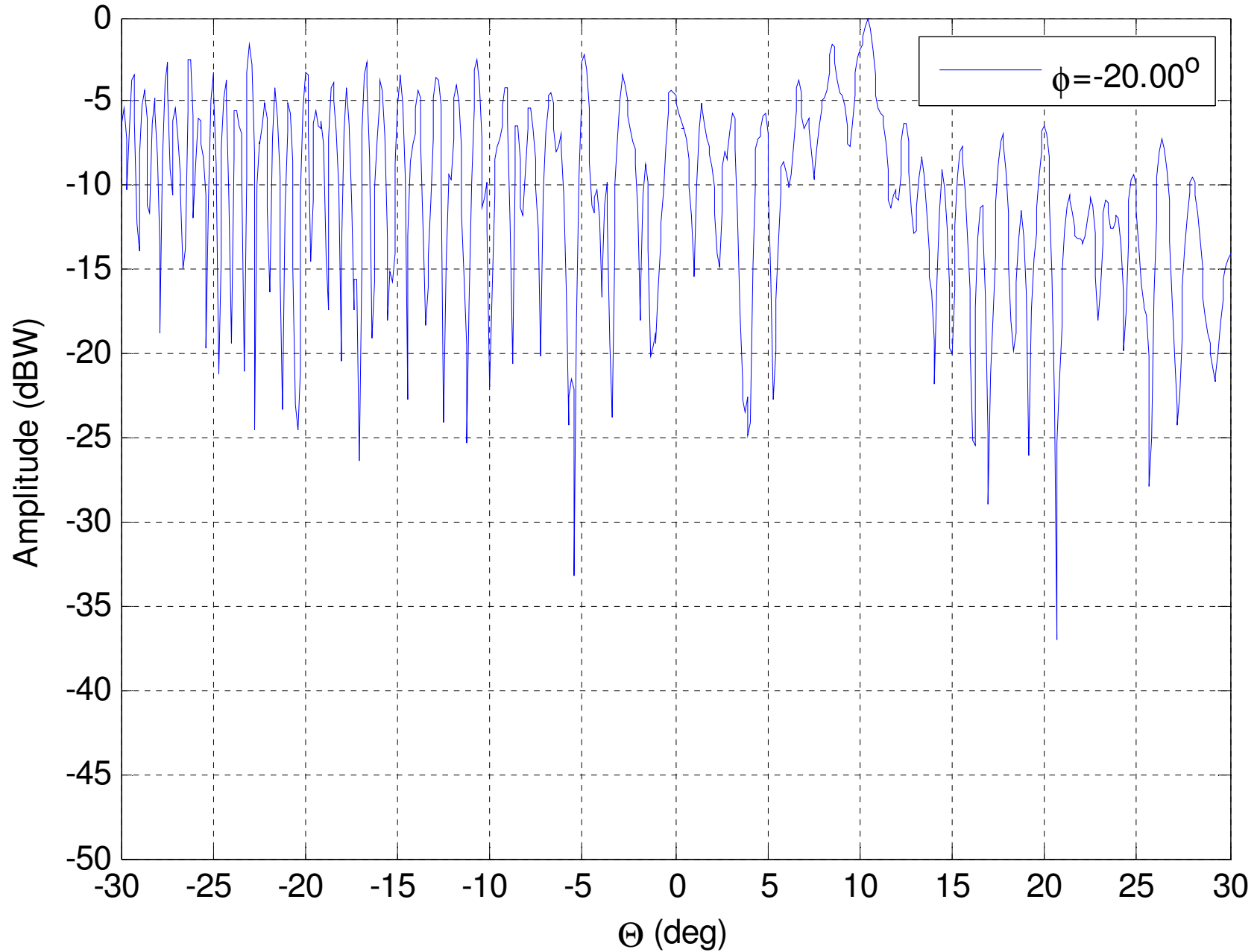
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--30.cut, Peak: -0.97 dBW, Date: 19-Sep-2011



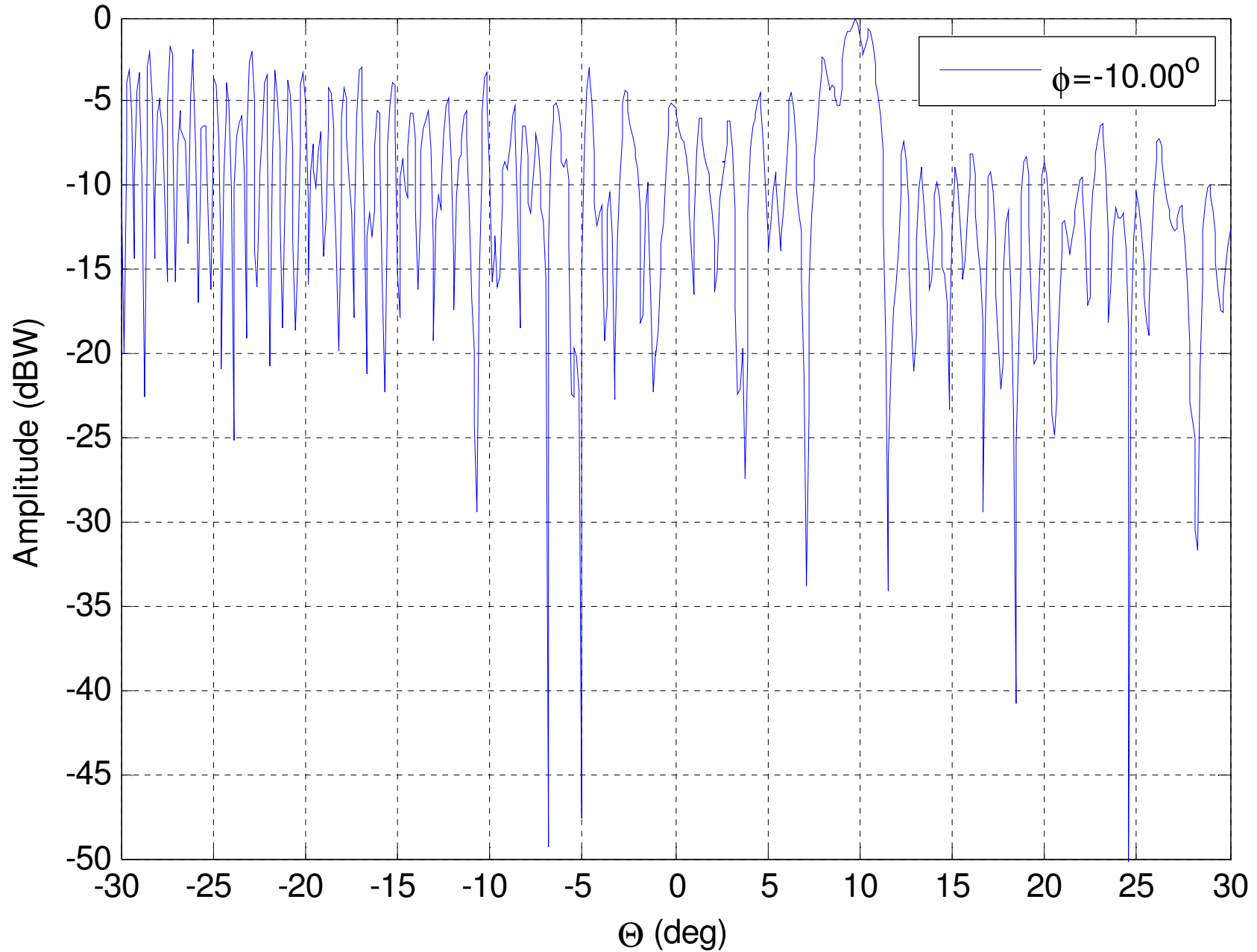
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--20.cut, Peak: 0.96 dBW, Date: 19-Sep-2011



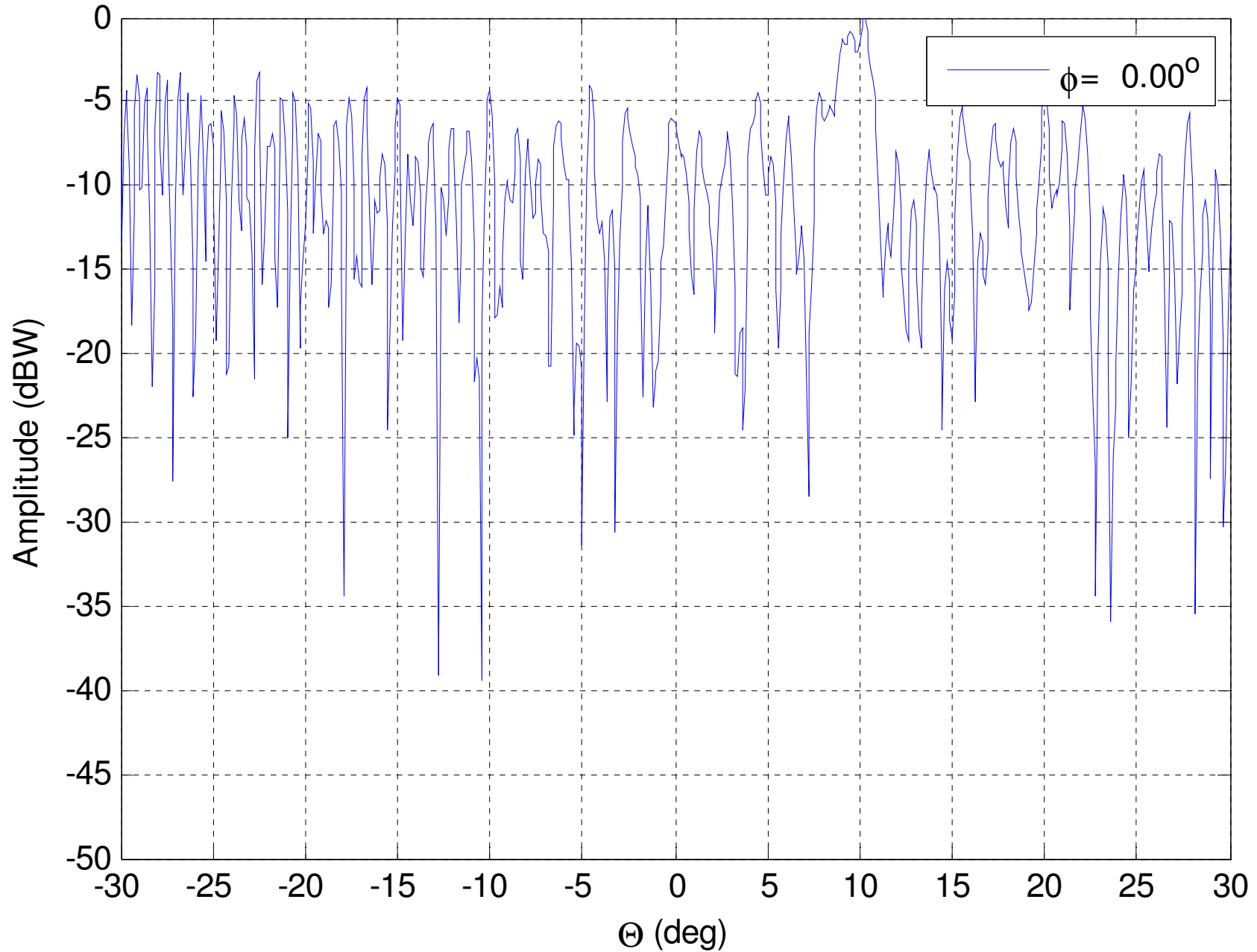
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp--10.cut, Peak: 1.65 dBW, Date: 19-Sep-2011



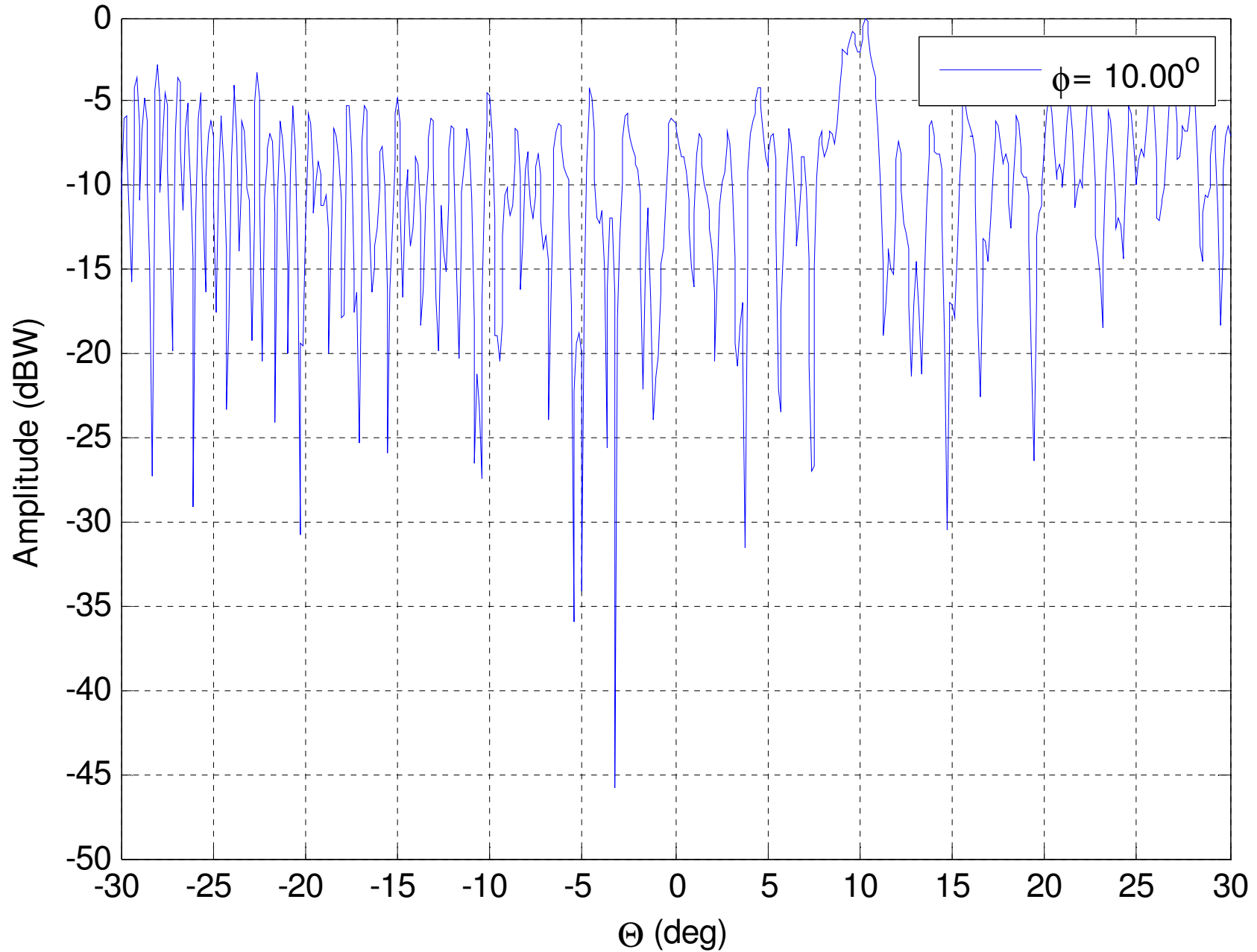
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-0.cut, Peak: 2.54 dBW, Date: 19-Sep-2011



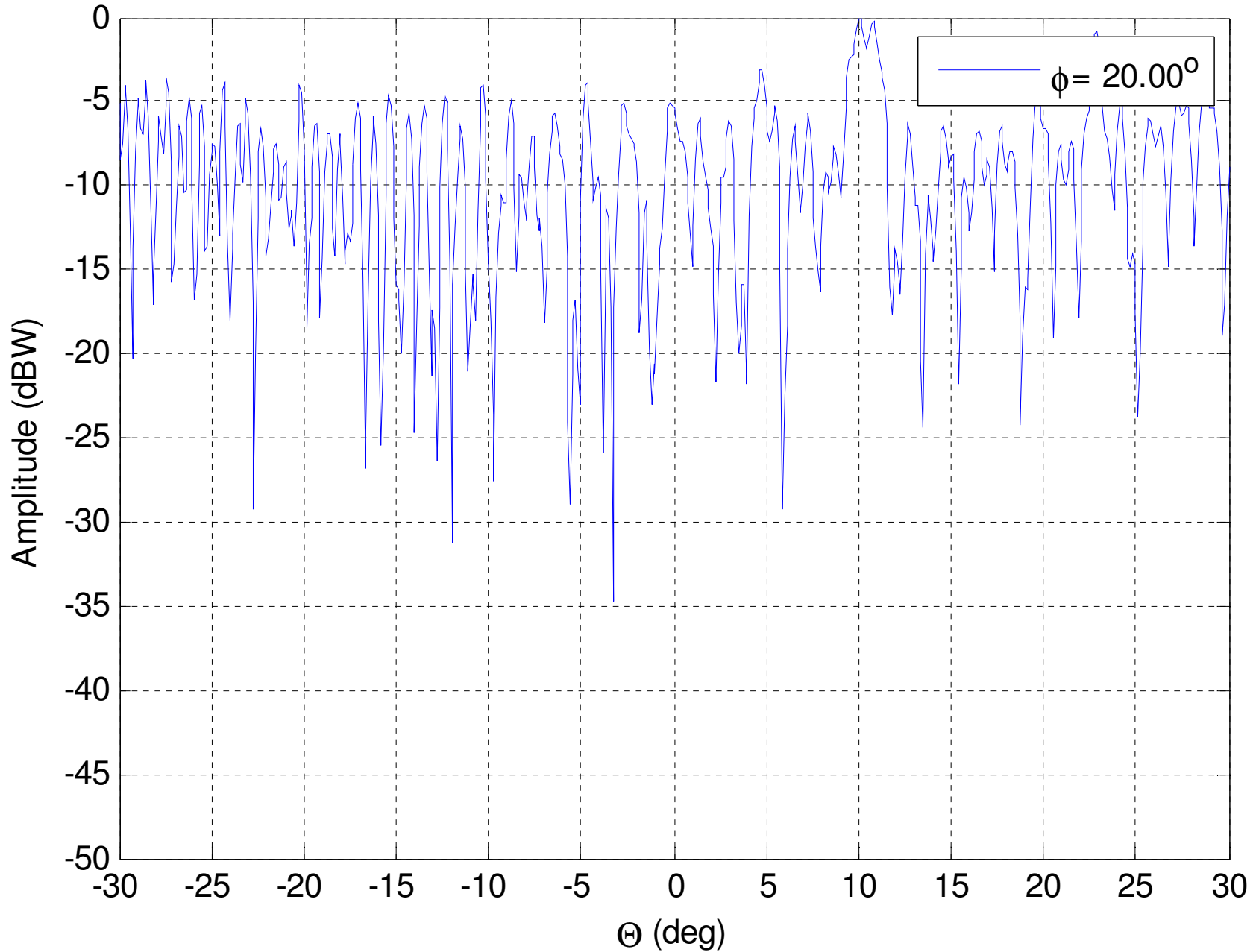
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-10.cut, Peak: 2.53 dBW, Date: 19-Sep-2011



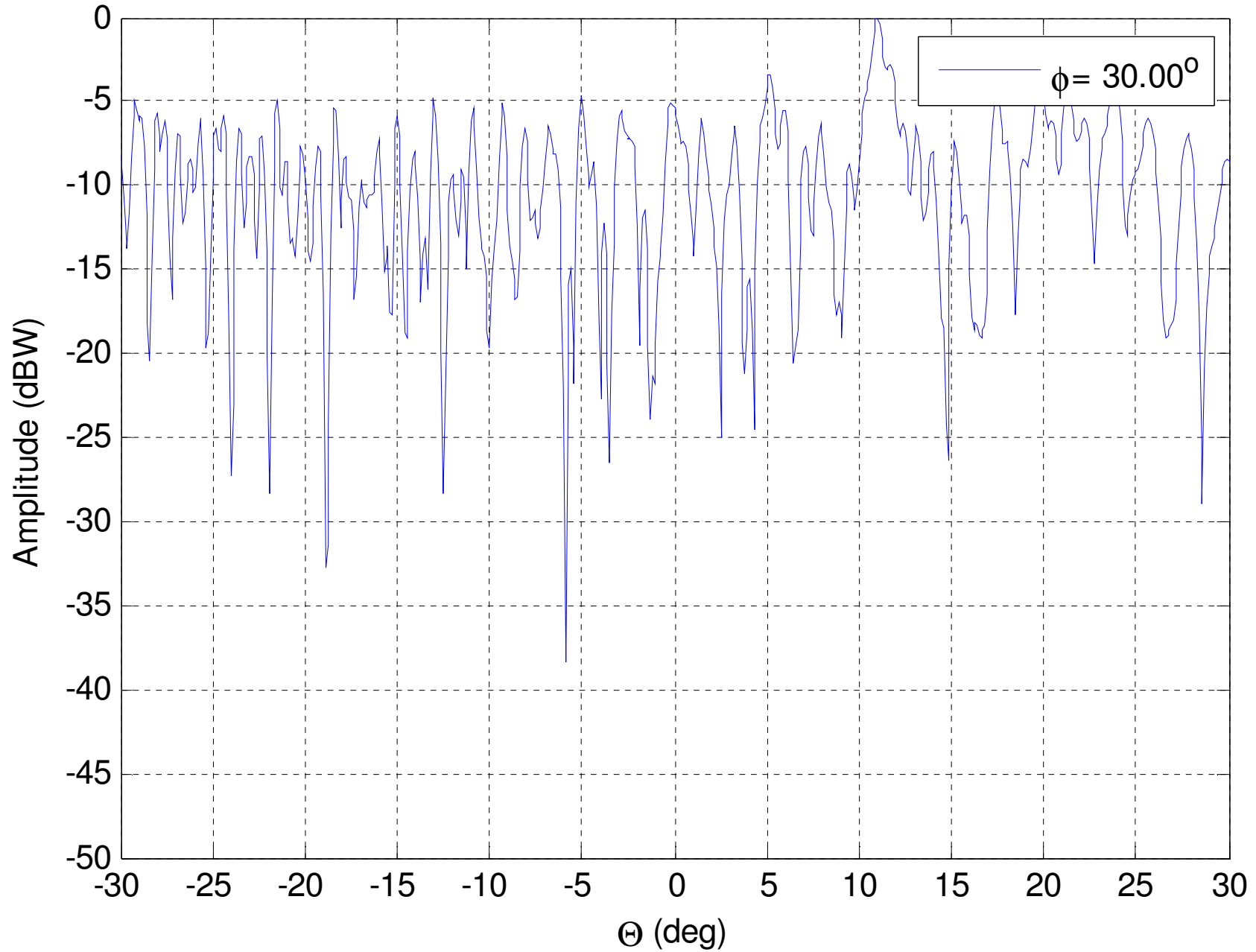
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-20.cut, Peak: 1.62 dBW, Date: 19-Sep-2011



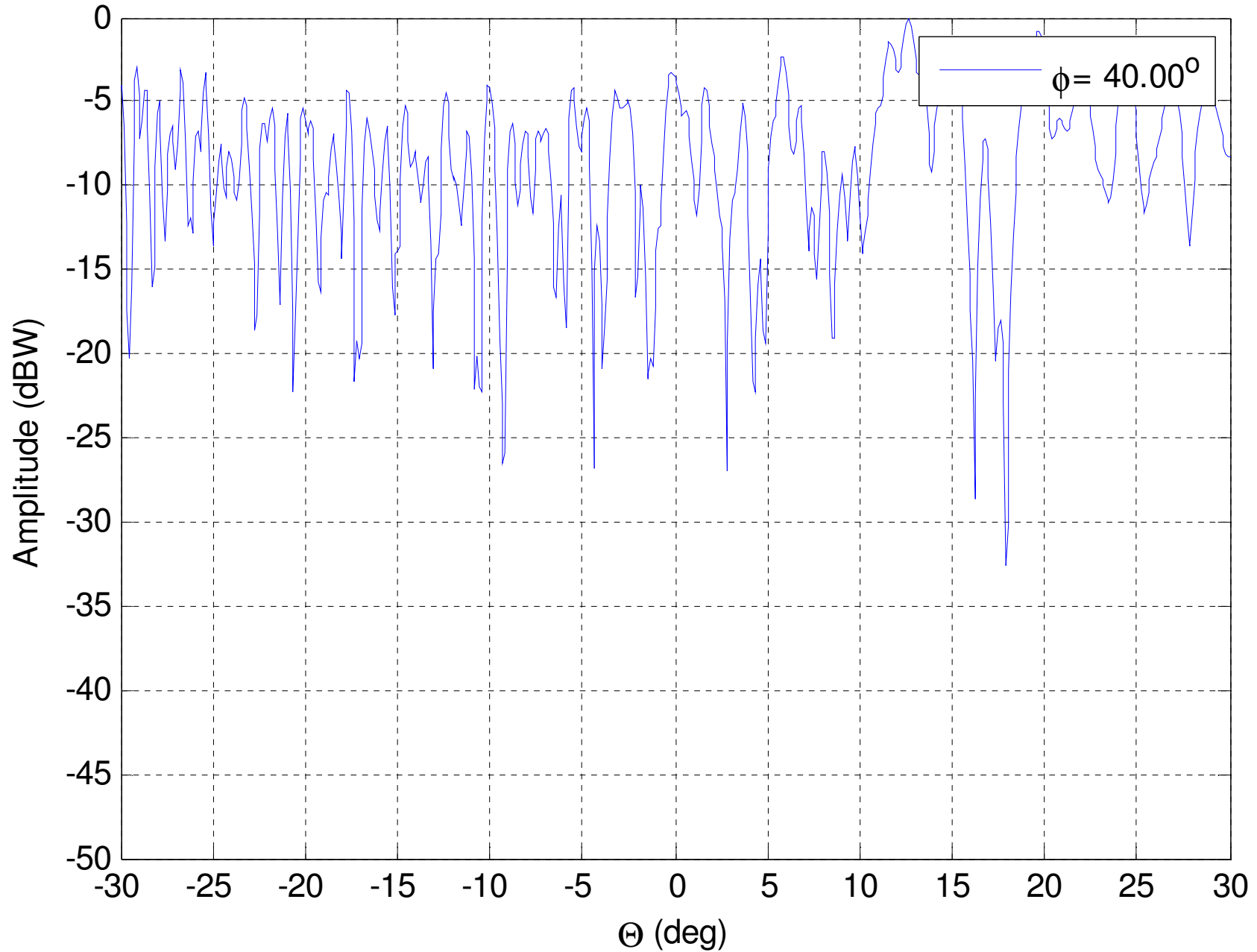
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-30.cut, Peak: 1.71 dBW, Date: 19-Sep-2011



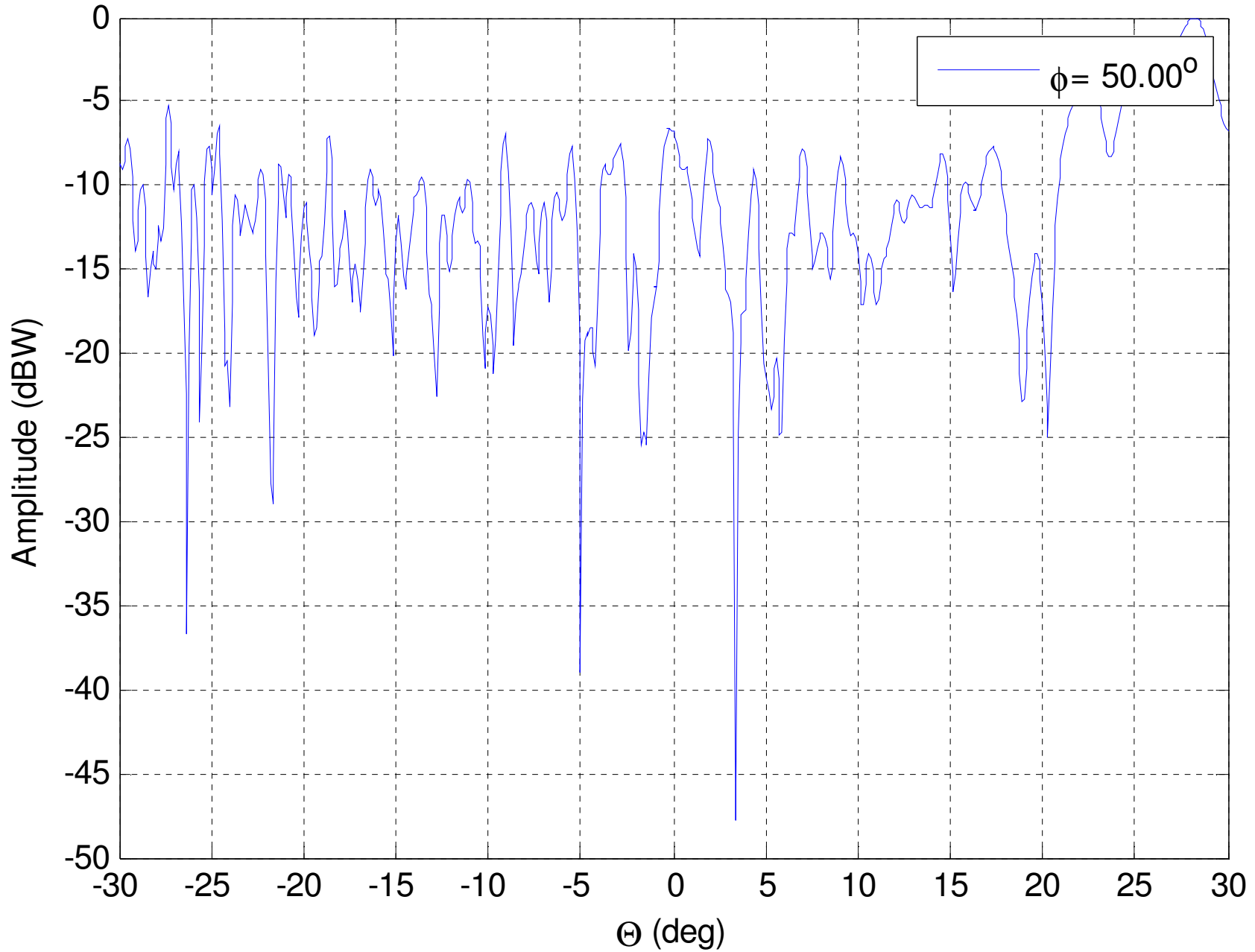
Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-40.cut, Peak: -0.14 dBW, Date: 19-Sep-2011



Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-50.cut, Peak: 3.10 dBW, Date: 19-Sep-2011



Normalized pattern cuts - farfield

Input file: tx-17.8-lhcp-60.cut, Peak: -1.53 dBW, Date: 19-Sep-2011

