

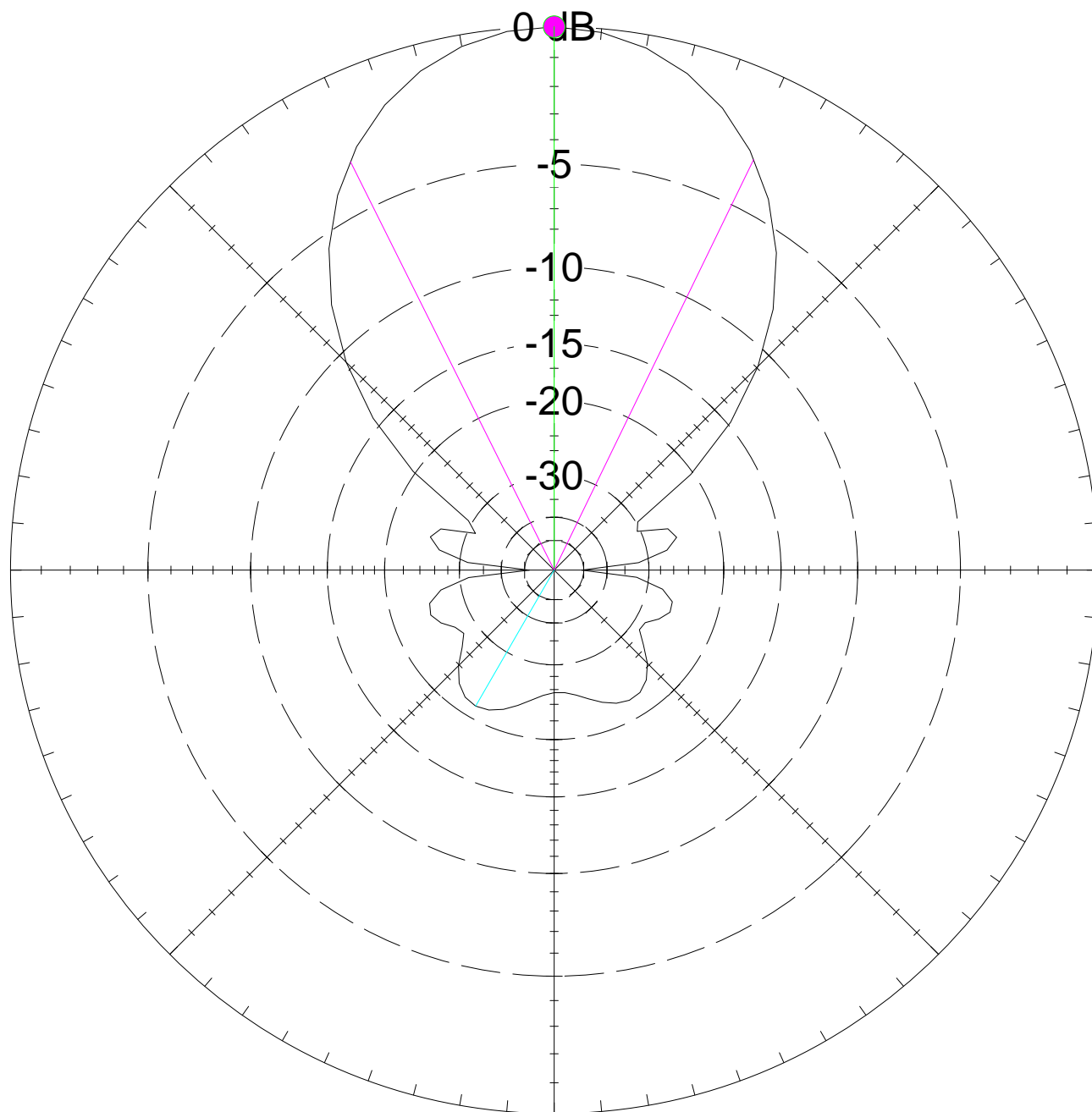
4 STQ 5

29,1 MHz

Azimuth Plot
Elevation Angle 15,0 deg.
Outer Ring 15,29 dBi

Cursor Az 0,0 deg.
Gain 15,29 dBi
0,0 dBmax

Slice Max Gain 15,29 dBi @ Az Angle = 0,0 deg.
Front/Back 21,84 dB
Beamwidth 52,1 deg.; -3dB @ 334,2, 26,3 deg.
Sidelobe Gain -4,58 dBi @ Az Angle = 155,0 deg.
Front/Sidelobe 19,87 dB



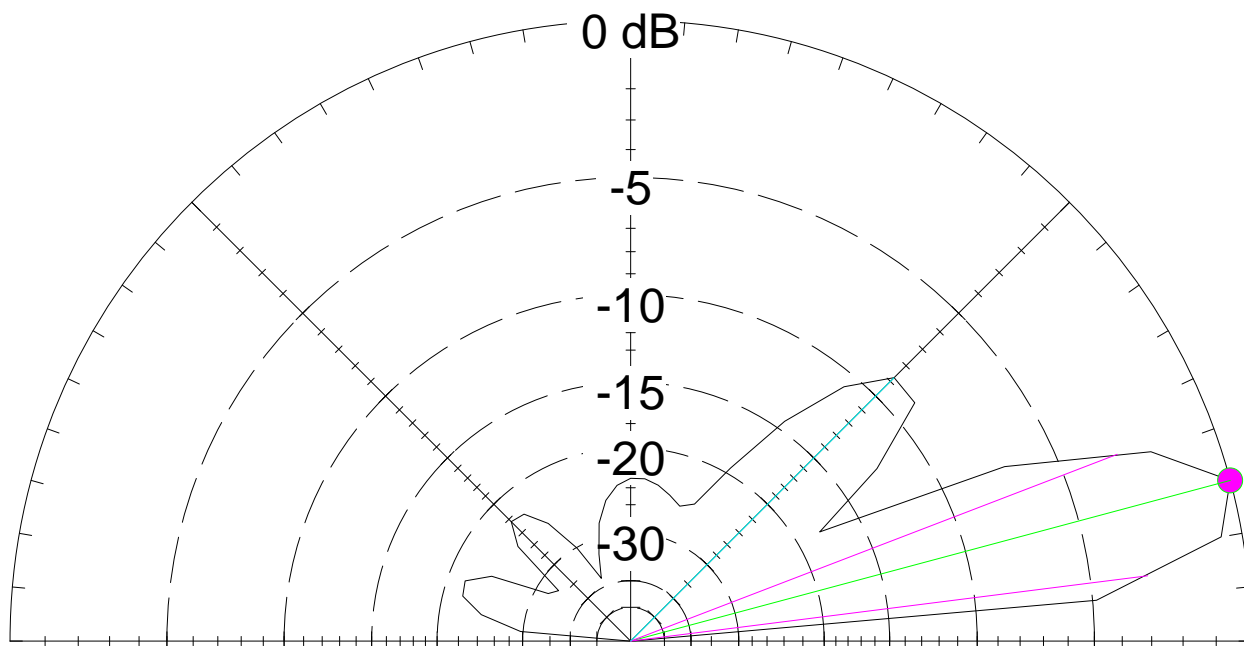
4 STQ 5

29,1 MHz

Azimuth Plot
Elevation Angle 0,0 deg.
Outer Ring 10,47 dBi

Cursor Az 90,0 deg.
Gain 10,47 dBi
0,0 dBmax

Slice Max Gain 10,47 dBi @ Az Angle = 90,0 deg.
Front/Back 25,57 dB
Beamwidth 52,4 deg.; -3dB @ 64,1, 116,5 deg.
Sidelobe Gain -10,83 dBi @ Az Angle = 240,0 deg.
Front/Sidelobe 21,3 dB



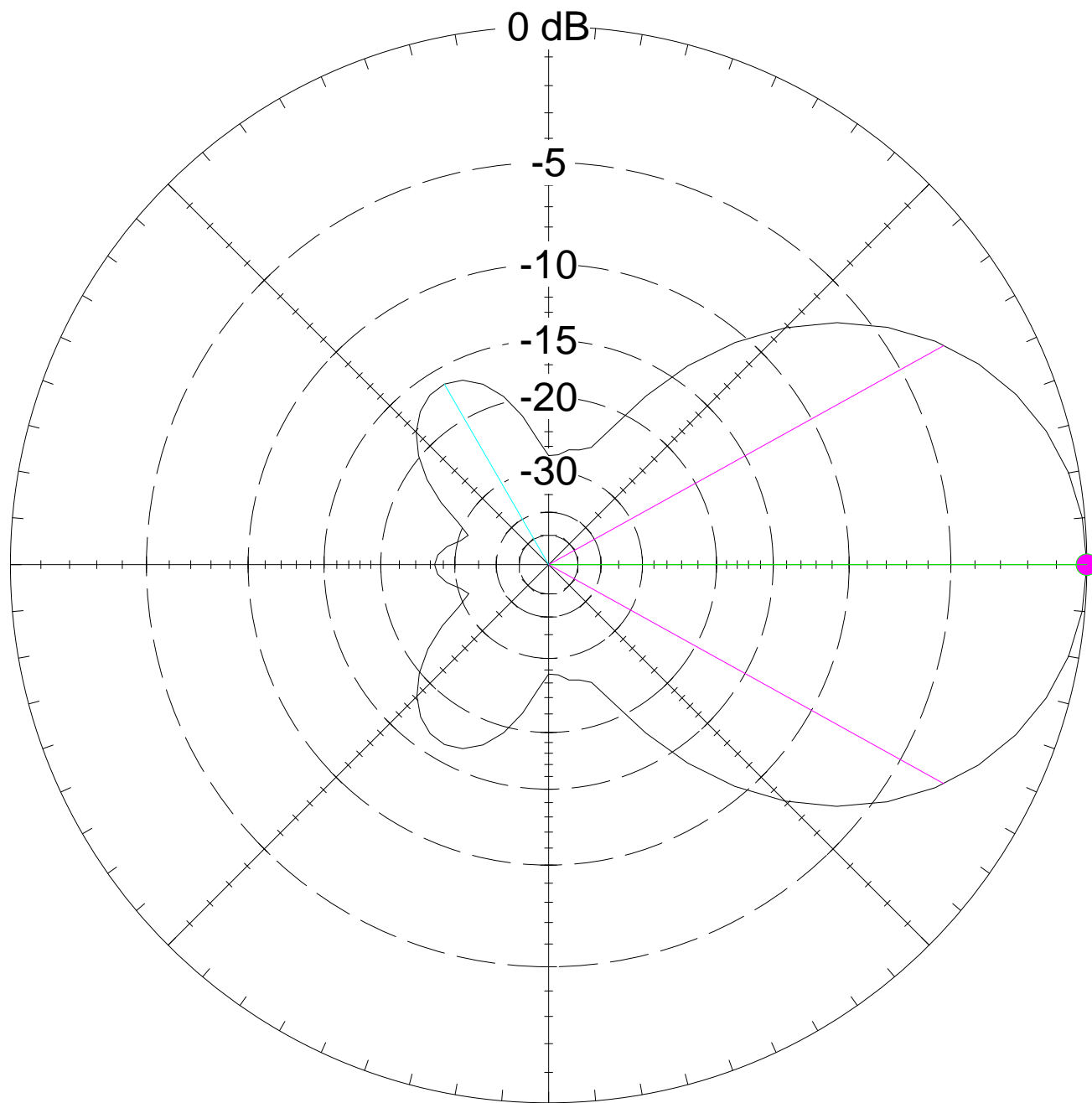
4 STQ 5

29,1 MHz

Elevation Plot
Azimuth Angle 0,0 deg.
Outer Ring 15,29 dBi

Cursor Elev 15,0 deg.
Gain 15,29 dBi
0,0 dBmax

Slice Max Gain 15,29 dBi @ Elev Angle = 15,0 deg.
Beamwidth 13,8 deg.; -3dB @ 7,2, 21,0 deg.
Sidelobe Gain 6,52 dBi @ Elev Angle = 45,0 deg.
Front/Sidelobe 8,77 dB



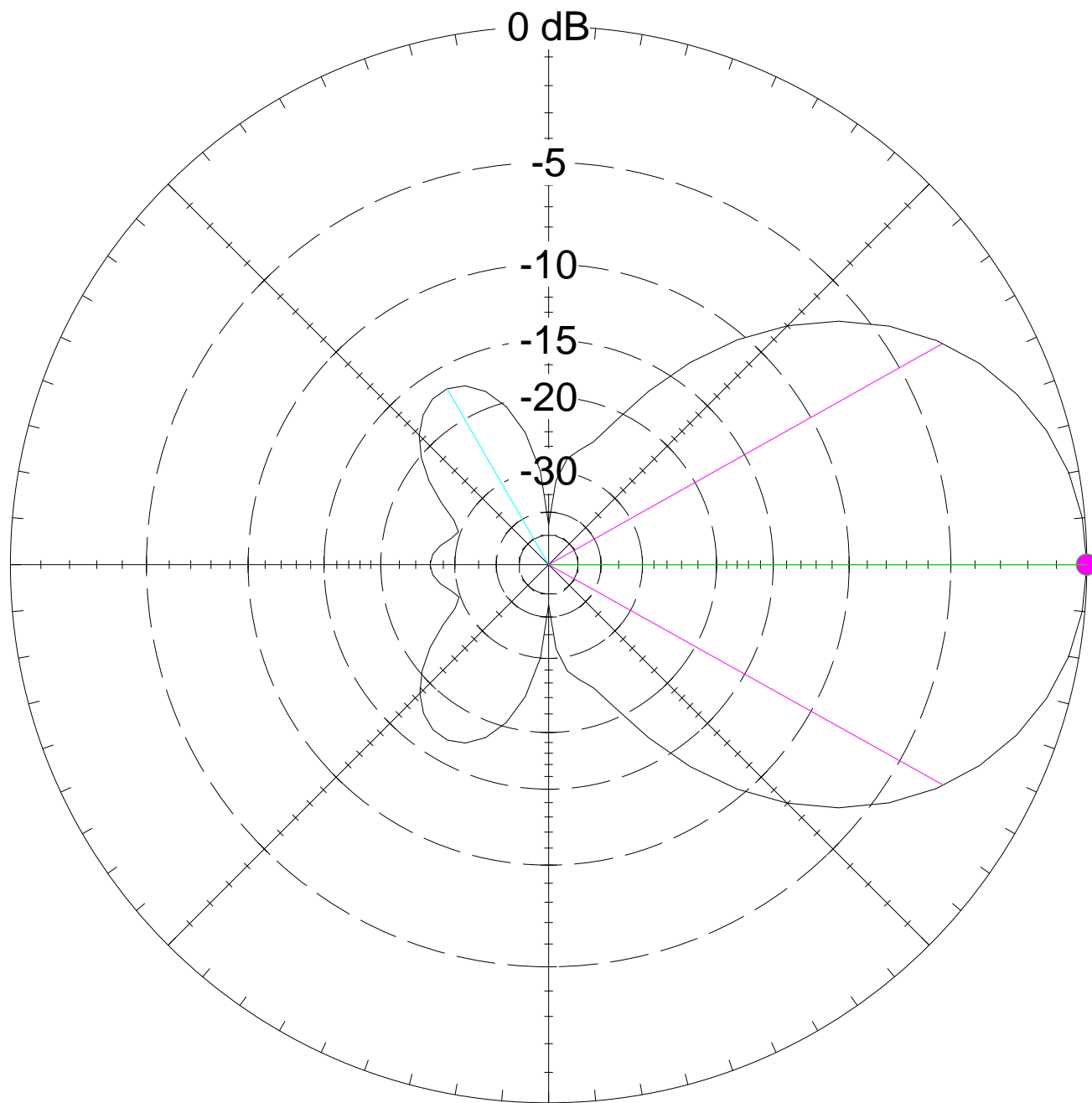
4 STQ 5

24,99 MHz

Azimuth Plot
Elevation Angle 15,0 deg.
Outer Ring 14,14 dBi

Cursor Az 0,0 deg.
Gain 14,14 dBi
0,0 dBmax

Slice Max Gain 14,14 dBi @ Az Angle = 0,0 deg.
Front/Back 26,62 dB
Beamwidth 58,0 deg.; -3dB @ 331,0, 29,0 deg.
Sidelobe Gain -2,14 dBi @ Az Angle = 120,0 deg.
Front/Sidelobe 16,28 dB



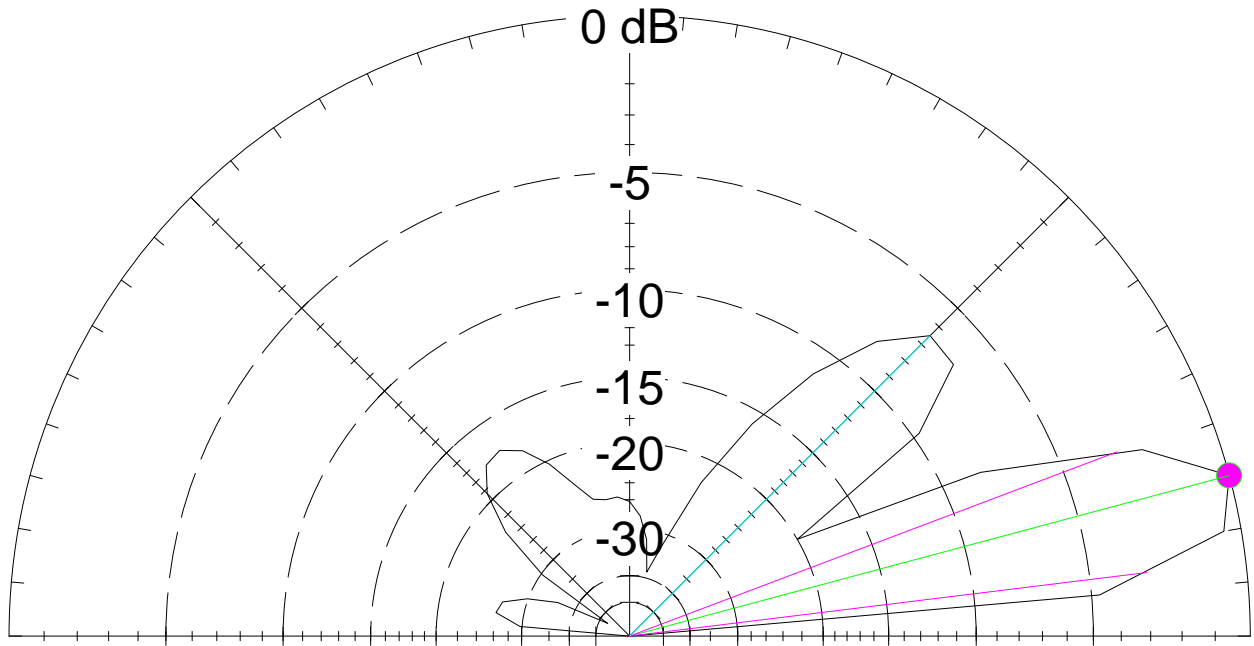
4 STQ 5

24,99 MHz

Azimuth Plot
Elevation Angle 0,0 deg.
Outer Ring 9,21 dBi

Cursor Az 0,0 deg.
Gain 9,21 dBi
0,0 dBmax

Slice Max Gain 9,21 dBi @ Az Angle = 0,0 deg.
Front/Back 25,96 dB
Beamwidth 58,5 deg.; -3dB @ 330,8, 29,3 deg.
Sidelobe Gain -7,52 dBi @ Az Angle = 120,0 deg.
Front/Sidelobe 16,73 dB



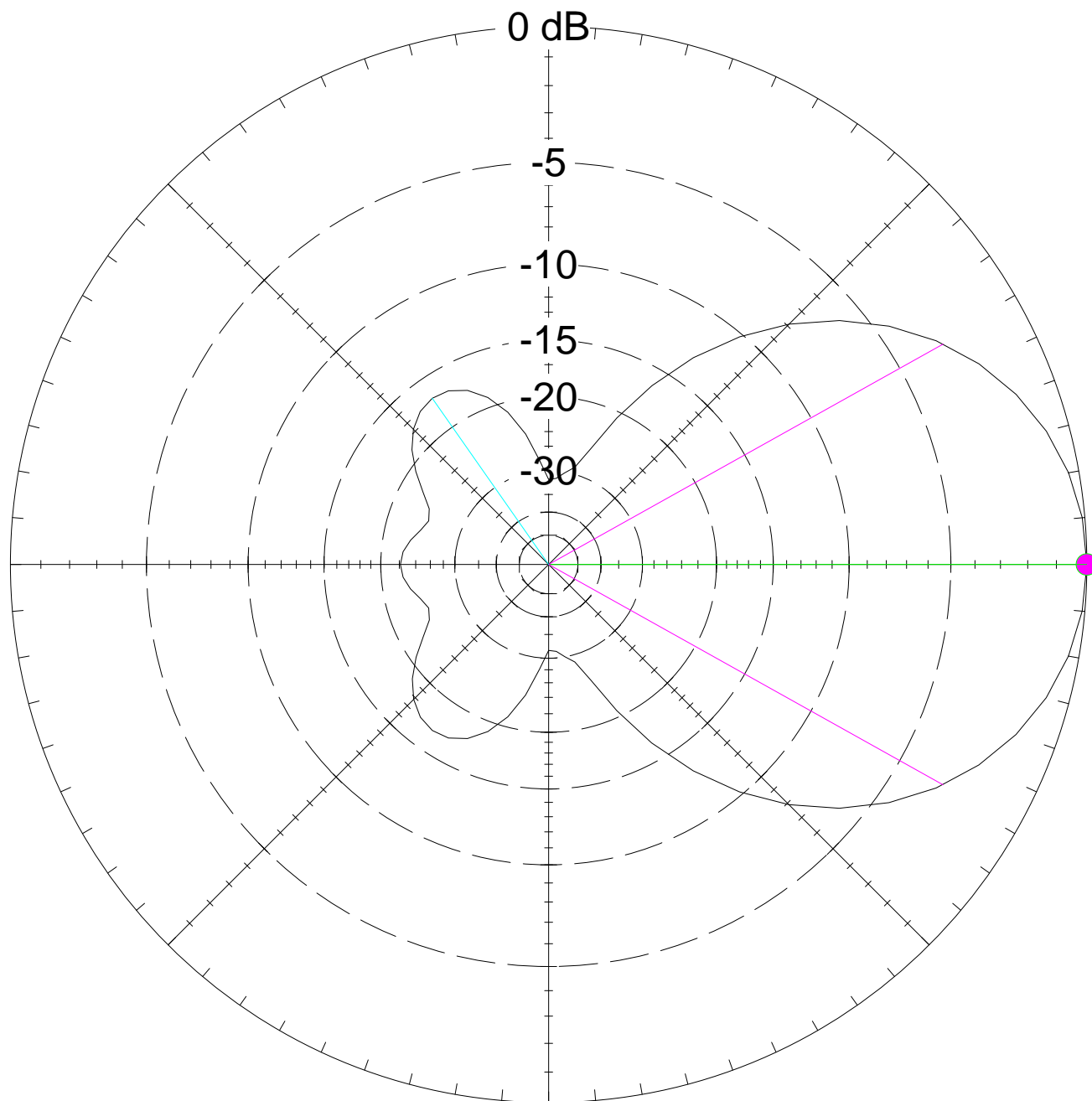
4 STQ 5

24,99 MHz

Elevation Plot
Azimuth Angle 0,0 deg.
Outer Ring 14,14 dBi

Cursor Elev 15,0 deg.
Gain 14,14 dBi
0,0 dBmax

Slice Max Gain 14,14 dBi @ Elev Angle = 15,0 deg.
Beamwidth 13,7 deg.; -3dB @ 7,0, 20,7 deg.
Sidelobe Gain 7,64 dBi @ Elev Angle = 45,0 deg.
Front/Sidelobe 6,5 dB



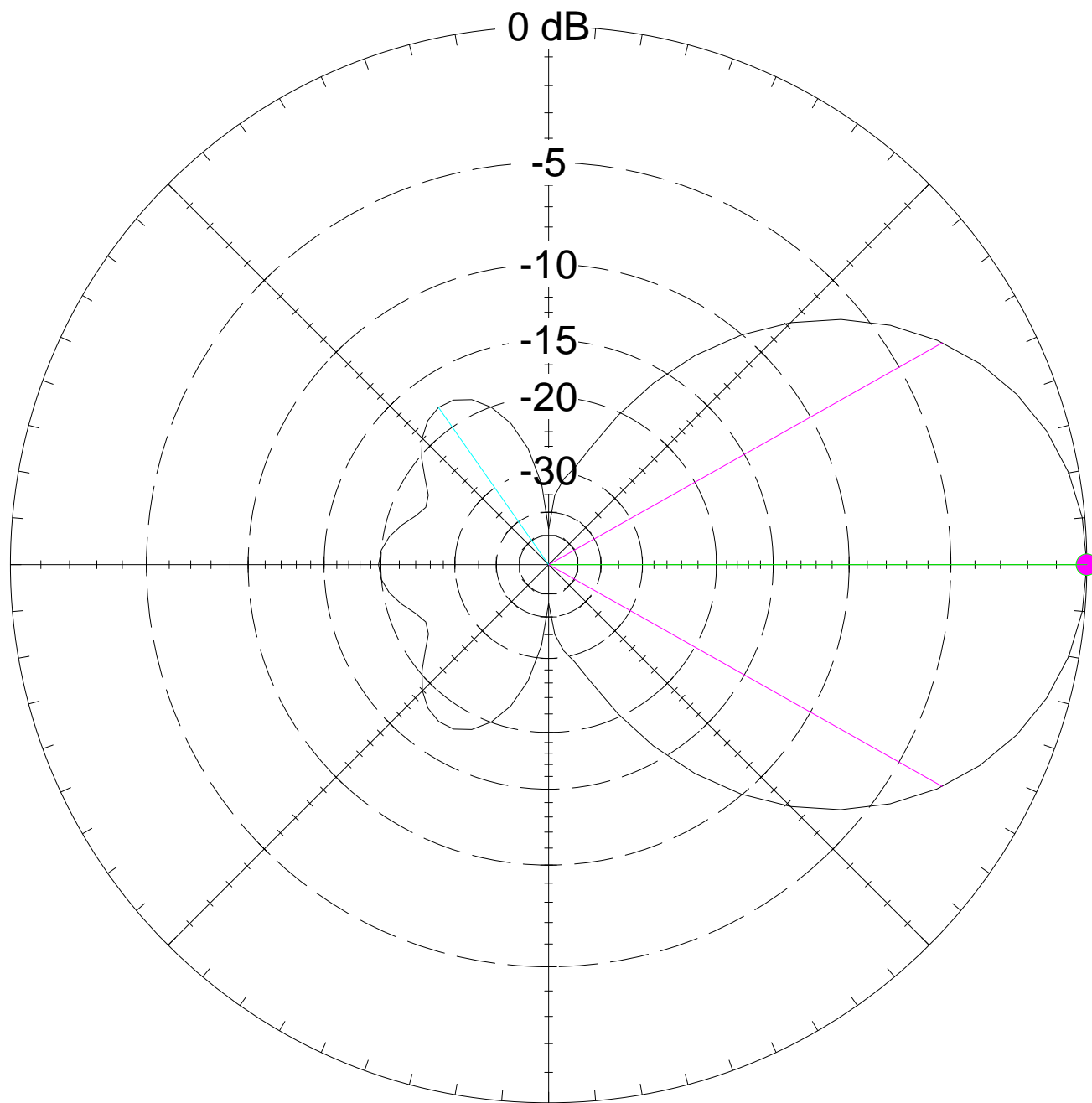
4 STQ 5

21,4 MHz

Azimuth Plot
Elevation Angle 15,0 deg.
Outer Ring 13,43 dBi

Cursor Az 0,0 deg.
Gain 13,43 dBi
0,0 dBmax

Slice Max Gain 13,43 dBi @ Az Angle = 0,0 deg.
Front/Back 22,13 dB
Beamwidth 58,4 deg.; -3dB @ 330,8, 29,2 deg.
Sidelobe Gain -3,3 dBi @ Az Angle = 125,0 deg.
Front/Sidelobe 16,73 dB



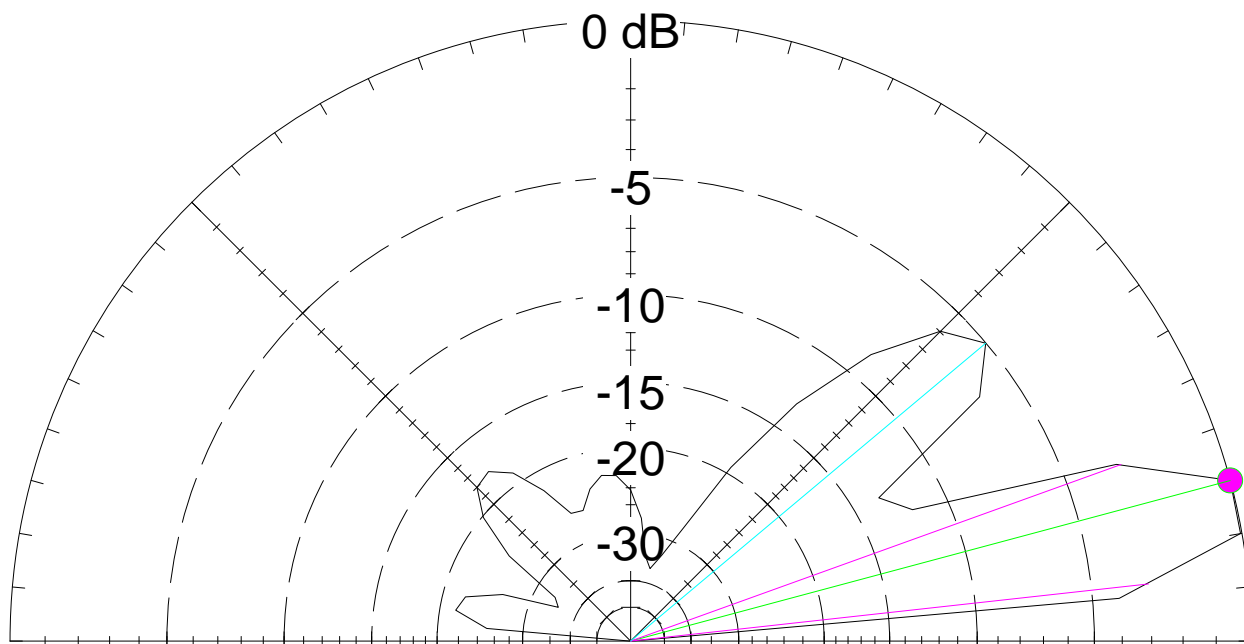
4 STQ 5

21,4 MHz

Azimuth Plot
Elevation Angle 0,0 deg.
Outer Ring 8,68 dBi

Cursor Az 0,0 deg.
Gain 8,68 dBi
0,0 dBmax

Slice Max Gain 8,68 dBi @ Az Angle = 0,0 deg.
Front/Back 19,77 dB
Beamwidth 58,8 deg.; -3dB @ 330,6, 29,4 deg.
Sidelobe Gain -9,02 dBi @ Az Angle = 125,0 deg.
Front/Sidelobe 17,7 dB



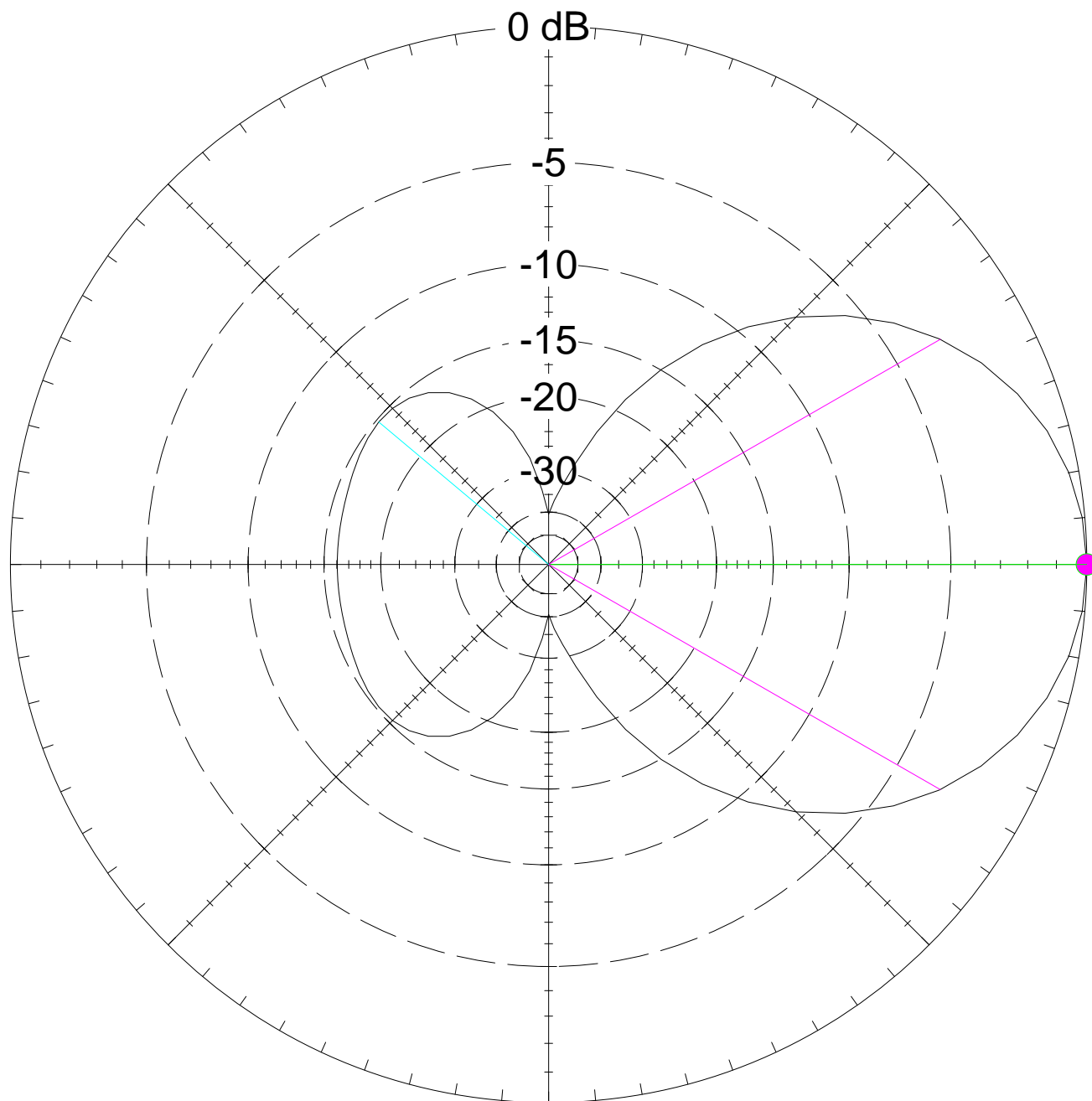
4 STQ 5

21,4 MHz

Elevation Plot
Azimuth Angle 0,0 deg.
Outer Ring 13,43 dBi

Cursor Elev 15,0 deg.
Gain 13,43 dBi
0,0 dBmax

Slice Max Gain 13,43 dBi @ Elev Angle = 15,0 deg.
Beamwidth 13,5 deg.; -3dB @ 6,3, 19,8 deg.
Sidelobe Gain 8,42 dBi @ Elev Angle = 40,0 deg.
Front/Sidelobe 5,01 dB



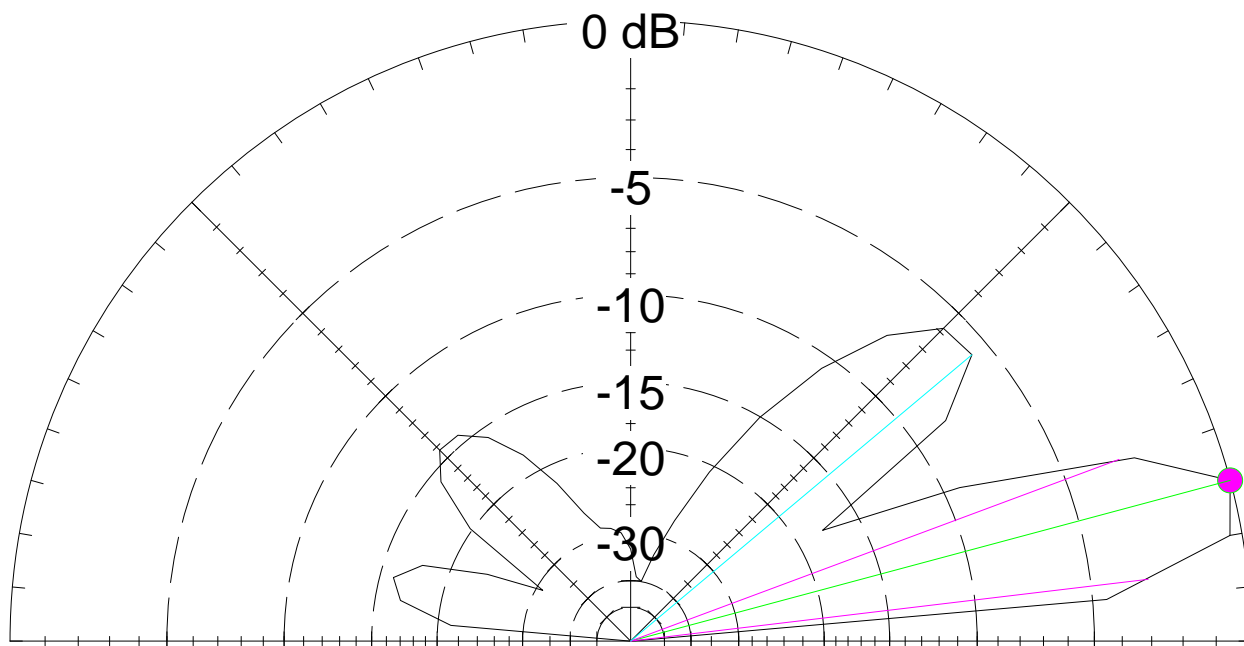
4 STQ 5

18,068 MHz

Azimuth Plot
Elevation Angle 0,0 deg.
Outer Ring 8,65 dBi

Cursor Az 0,0 deg.
Gain 8,65 dBi
0,0 dBmax

Slice Max Gain 8,65 dBi @ Az Angle = 0,0 deg.
Front/Back 16,03 dB
Beamwidth 59,8 deg.; -3dB @ 330,1, 29,9 deg.
Sidelobe Gain -6,56 dBi @ Az Angle = 140,0 deg.
Front/Sidelobe 15,21 dB



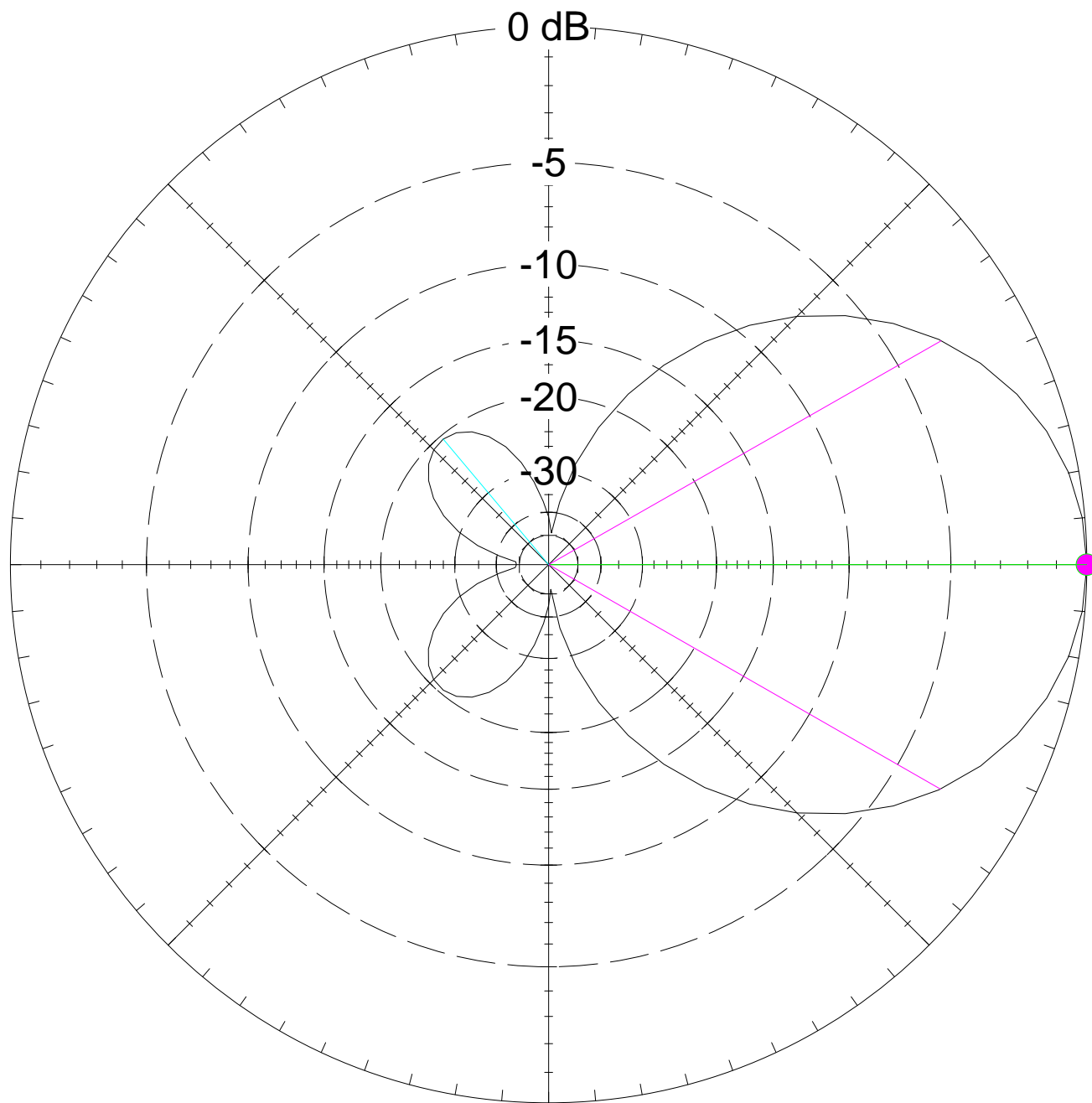
4 STQ 5

18,068 MHz

Elevation Plot
Azimuth Angle 0,0 deg.
Outer Ring 13,49 dBi

Cursor Elev 15,0 deg.
Gain 13,49 dBi
0,0 dBmax

Slice Max Gain 13,49 dBi @ Elev Angle = 15,0 deg.
Beamwidth 13,6 deg.; -3dB @ 6,8, 20,4 deg.
Sidelobe Gain 7,8 dBi @ Elev Angle = 40,0 deg.
Front/Sidelobe 5,69 dB



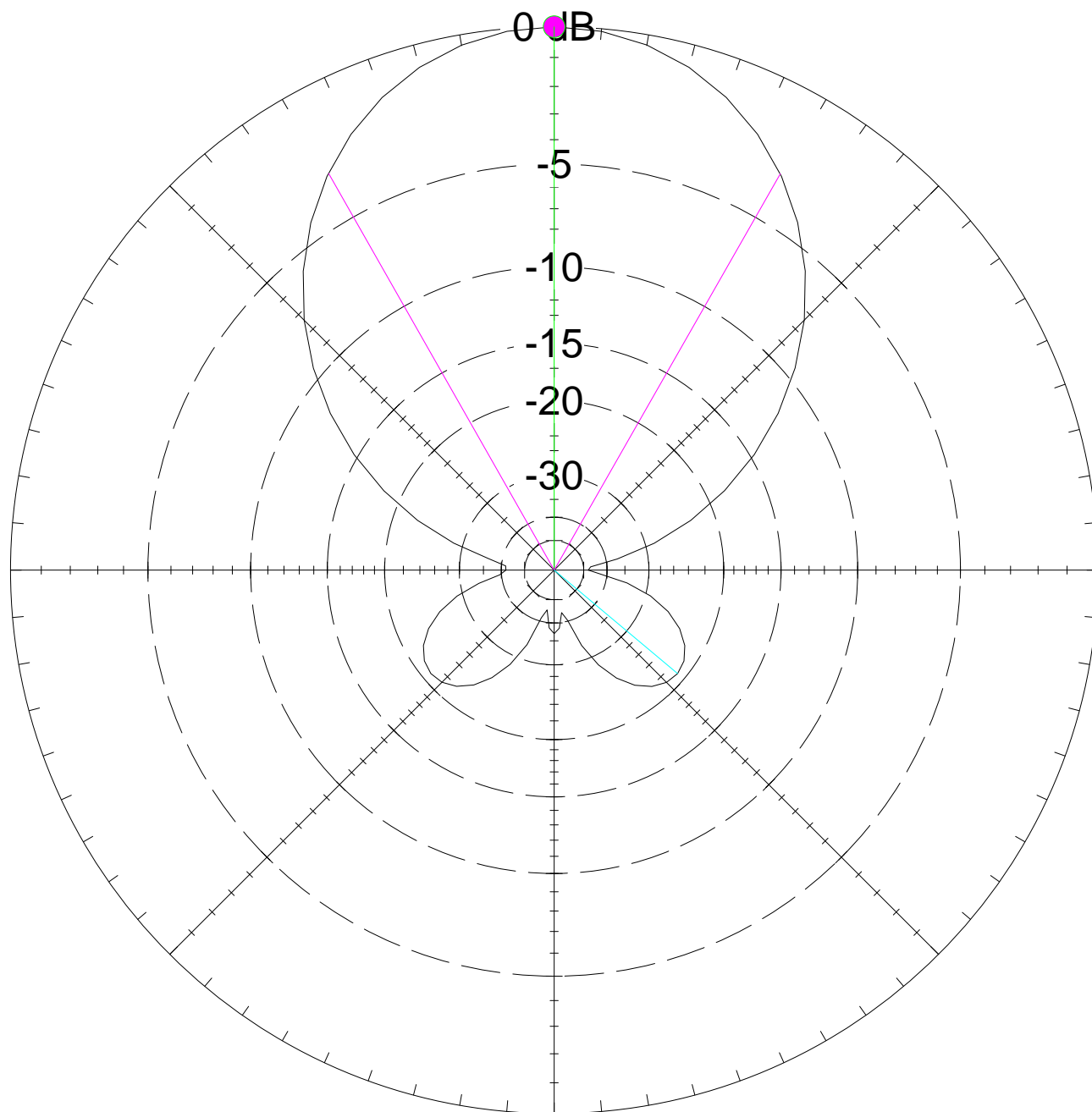
4 STQ 5

14,17 MHz

Azimuth Plot
Elevation Angle 15,0 deg.
Outer Ring 14,0 dBi

Cursor Az 0,0 deg.
Gain 14,0 dBi
0,0 dBmax

Slice Max Gain 14,0 dBi @ Az Angle = 0,0 deg.
Front/Back 48,37 dB
Beamwidth 59,5 deg.; -3dB @ 330,2, 29,7 deg.
Sidelobe Gain -6,39 dBi @ Az Angle = 130,0 deg.
Front/Sidelobe 20,39 dB



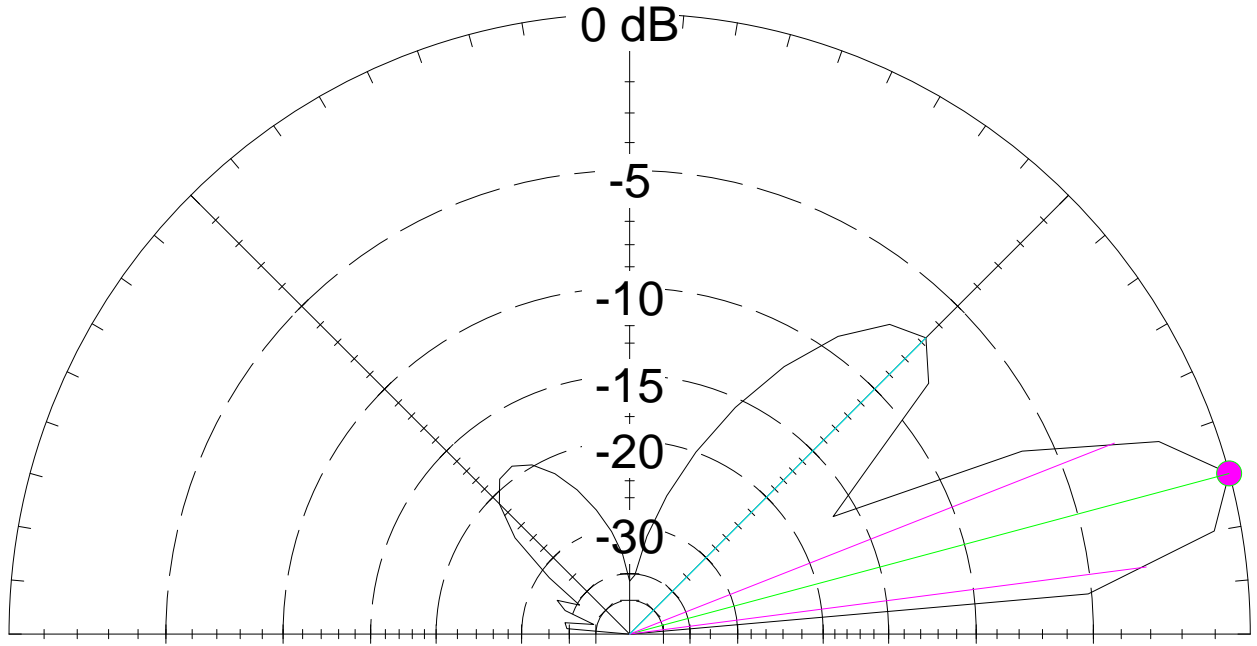
4 STQ 5

14,17 MHz

Azimuth Plot
Elevation Angle 0,0 deg.
Outer Ring 9,15 dBi

Cursor Az 90,0 deg.
Gain 9,15 dBi
0,0 dBmax

Slice Max Gain 9,15 dBi @ Az Angle = 90,0 deg.
Front/Back 36,83 dB
Beamwidth 59,3 deg.; -3dB @ 60,3, 119,6 deg.
Sidelobe Gain -11,72 dBi @ Az Angle = 320,0 deg.
Front/Sidelobe 20,87 dB



4 STQ 5

14,17 MHz

Elevation Plot
Azimuth Angle 0,0 deg.
Outer Ring 14,0 dBi

Cursor Elev 15,0 deg.
Gain 14,0 dBi
0,0 dBmax

Slice Max Gain 14,0 dBi @ Elev Angle = 15,0 deg.
Beamwidth 14,1 deg.; -3dB @ 7,4, 21,5 deg.
Sidelobe Gain 7,26 dBi @ Elev Angle = 45,0 deg.
Front/Sidelobe 6,74 dB