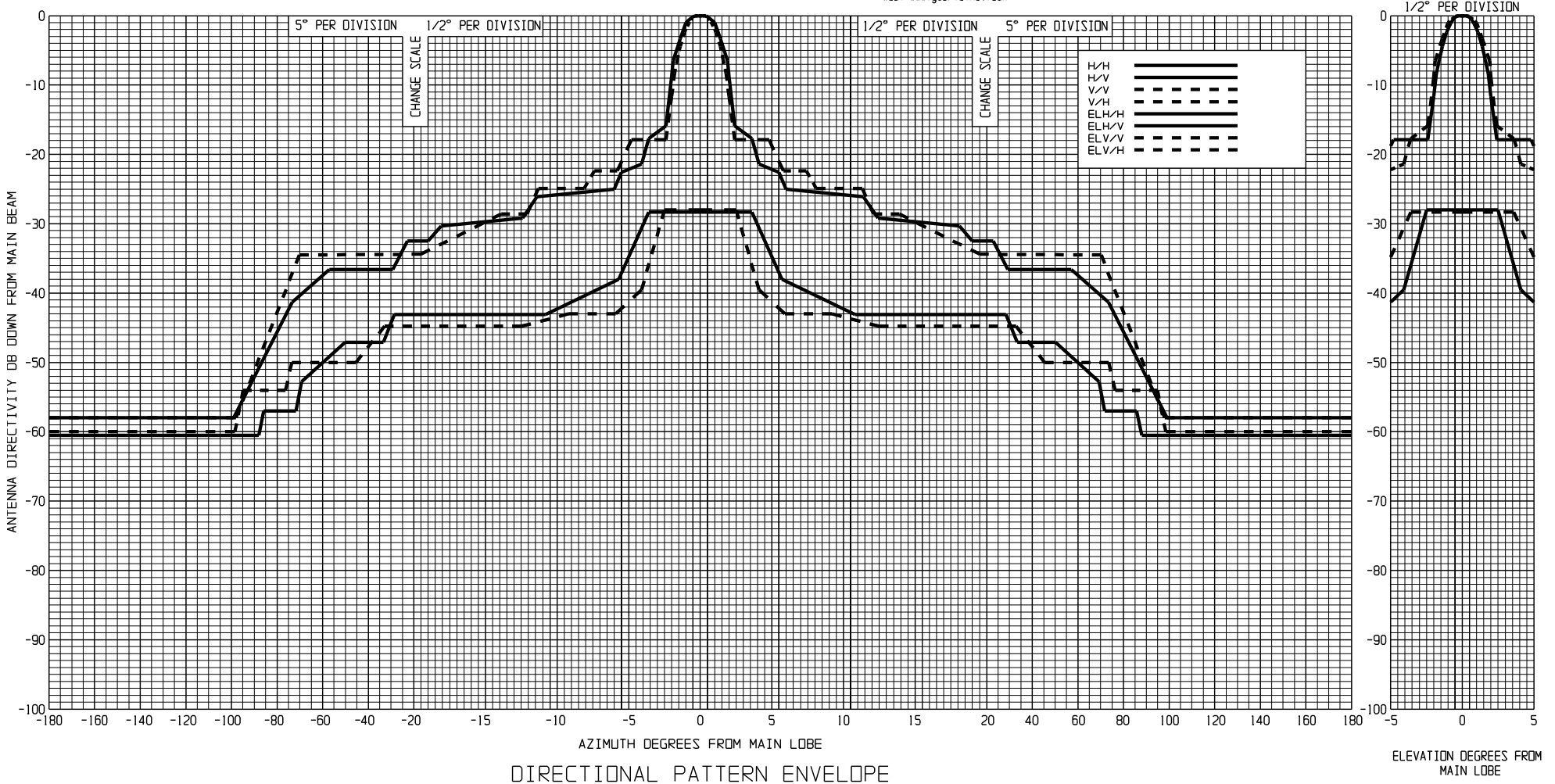


MID-BAND GAIN (dBi): 37.4	FREQUENCY (MHz): 5250-5850
POLARIZATION: HORIZONTAL and VERTICAL	
PATTERN IS: <input checked="" type="checkbox"/> SYMMETRICAL <input type="checkbox"/> ASYMMETRICAL	
THIS ANTENNA MEETS:	



P. O. Box 70 / Scarborough, Maine 04070-0070 Phone: (207)883-5161
 Fax: (207)883-4459
 Web: www.gabrielnet.com

ID CODE: 45761G	DIRECTIONAL PATTERN NO.: 5761
ANTENNA MODELS APPLICABLE: HQF6-52	REV.
DESCRIPTION: 6FT.(1.8m) QUICKFIRE HIGH PERFORMANCE ANTENNA	
PLANE POLARIZED	
APPROVED: JOHN MARCOUX	DATE: 11/5/01



DPE 5761 Antenna Model HQF6-52 MFG. ID #45761G

5.250-5.850 GHz

Table of Breakpoints

PATCUT:,AZ POLARI:,H/H NUPOIN:,43 -179.9,-58.0 -99.0,-58.0 -73.4,-41.3 -57.1,-36.6 -29.3,-36.6 -22.8,-32.5 -19.0,-32.5 -18.1,-30.3 -12.4,-29.2 -11.4,-26.1 -6.0,-25.0 -5.5,-22.6 -4.1,-21.4 -3.6,-17.7 -2.4,-15.9 -2.0,-8.8 -1.9,-6.5 -1.4,-3.3 -1.0,-1.0 -0.6,-0.3 -0.4,0.0 0.0,0.0 0.4,0.0 0.6,-0.3 1.0,-1.0 1.4,-3.3 1.9,-6.5 2.0,-8.8 2.4,-15.9 3.6,-17.7 4.1,-21.4 5.5,-22.6 6.0,-25.0 11.4,-26.1 12.4,-29.2 18.1,-30.3 19.0,-32.5 22.8,-32.5 29.3,-36.6 57.1,-36.6 73.4,-41.3 99.0,-58.0 179.9,-58.0	PATCUT:,AZ POLARI:,H/V NUPOIN:,23 -179.9,-60.5 -88.0,-60.5 -85.8,-57.0 -71.7,-57.0 -69.3,-52.8 -50.2,-47.1 -33.4,-47.1 -28.5,-43.1 -10.8,-43.1 -5.7,-38.0 -3.6,-28.3 0.0,-28.3 3.6,-28.3 5.7,-38.0 10.8,-43.1 28.5,-43.1 33.4,-47.1 50.2,-47.1 69.3,-52.8 71.7,-57.0 85.8,-57.0 88.0,-60.5 179.9,-60.5	PATCUT:,AZ POLARI:,V/V NUPOIN:,43 -179.9,-58.0 -98.0,-58.0 -70.2,-34.5 -19.5,-34.4 -13.9,-28.6 -12.1,-28.6 -11.3,-24.9 -8.1,-24.9 -7.4,-22.4 -5.8,-22.4 -4.8,-17.9 -2.4,-17.9 -2.0,-11.6 -1.8,-8.3 -1.6,-6.3 -1.4,-4.4 -1.1,-2.4 -0.8,-1.1 -0.6,-0.4 -0.4,-0.1 -0.3,0.0 0.0,0.0 0.3,0.0 0.4,-0.1 0.6,-0.4 0.8,-1.1 1.1,-2.4 1.4,-4.4 1.6,-6.3 1.8,-8.3 2.0,-11.6 2.4,-17.9 4.8,-17.9 5.8,-22.4 7.4,-22.4 8.1,-24.9 11.3,-24.9 12.1,-28.6 13.9,-28.6 19.5,-34.4 70.2,-34.5 98.0,-58.0 179.9,-58.0	PATCUT:,AZ POLARI:,V/H NUPOIN:,25 -179.9,-60.0 -98.5,-60.0 -94.9,-54.0 -76.3,-54.0 -73.5,-50.0 -45.4,-50.0 -32.9,-44.8 -12.5,-44.8 -9.2,-43.0 -5.9,-43.0 -4.1,-39.5 -2.5,-28.0 0.0,-28.0 2.5,-28.0 4.1,-39.5 5.9,-43.0 9.2,-43.0 12.5,-44.8 32.9,-44.8 45.4,-50.0 73.5,-50.0 76.3,-54.0 94.9,-54.0 98.5,-60.0 179.9,-60.0 PATCUT:,EL POLARI:,H/H NUPOIN:,25 -5.0,-18.8 -4.8,-17.9 -2.4,-17.9 -2.0,-11.6 -1.8,-8.3 -1.6,-6.3 -1.4,-4.4 -1.1,-2.4 -0.8,-1.1 -0.6,-0.4 -0.4,-0.1 -0.3,0.0 0.0,0.0 0.3,0.0 0.4,-0.1 0.6,-0.4 0.8,-1.1 1.1,-2.4 1.4,-4.4 1.6,-6.3 1.8,-8.3 2.0,-11.6 2.4,-17.9 4.8,-17.9 5.0,-18.8	PATCUT:,EL POLARI:,H/V NUPOIN:,7 -5.0,-41.3 -4.1,-39.5 -2.5,-28.0 0.0,-28.0 2.5,-28.0 4.1,-39.5 5.0,-41.3 PATCUT:,EL POLARI:,V/V NUPOIN:,21 -4.1,-21.4 -3.6,-17.7 -2.4,-15.9 -2.0,-8.8 -1.9,-6.5 -1.4,-3.3 -1.0,-1.0 -0.6,-0.3 -0.4,0.0 0.0,0.0 0.4,0.0 0.6,-0.3 1.0,-1.0 1.4,-3.3 1.9,-6.5 2.0,-8.8 2.4,-15.9 3.6,-17.7 4.1,-21.4 5.0,-22.2 PATCUT:,EL POLARI:,V/H NUPOIN:,5 -5.0,-34.8 -3.6,-28.3 0.0,-28.3 3.6,-28.3 5.0,-34.8
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The directional pattern envelope is drawn on the reverse side by connecting the above breakpoints with straight lines.

HH = Horizontal response to a horizontal signal
 HV = Horizontal response to a Vertical signal
 VV = Vertical response to a vertical signal
 VH = Vertical response to a horizontal signal