

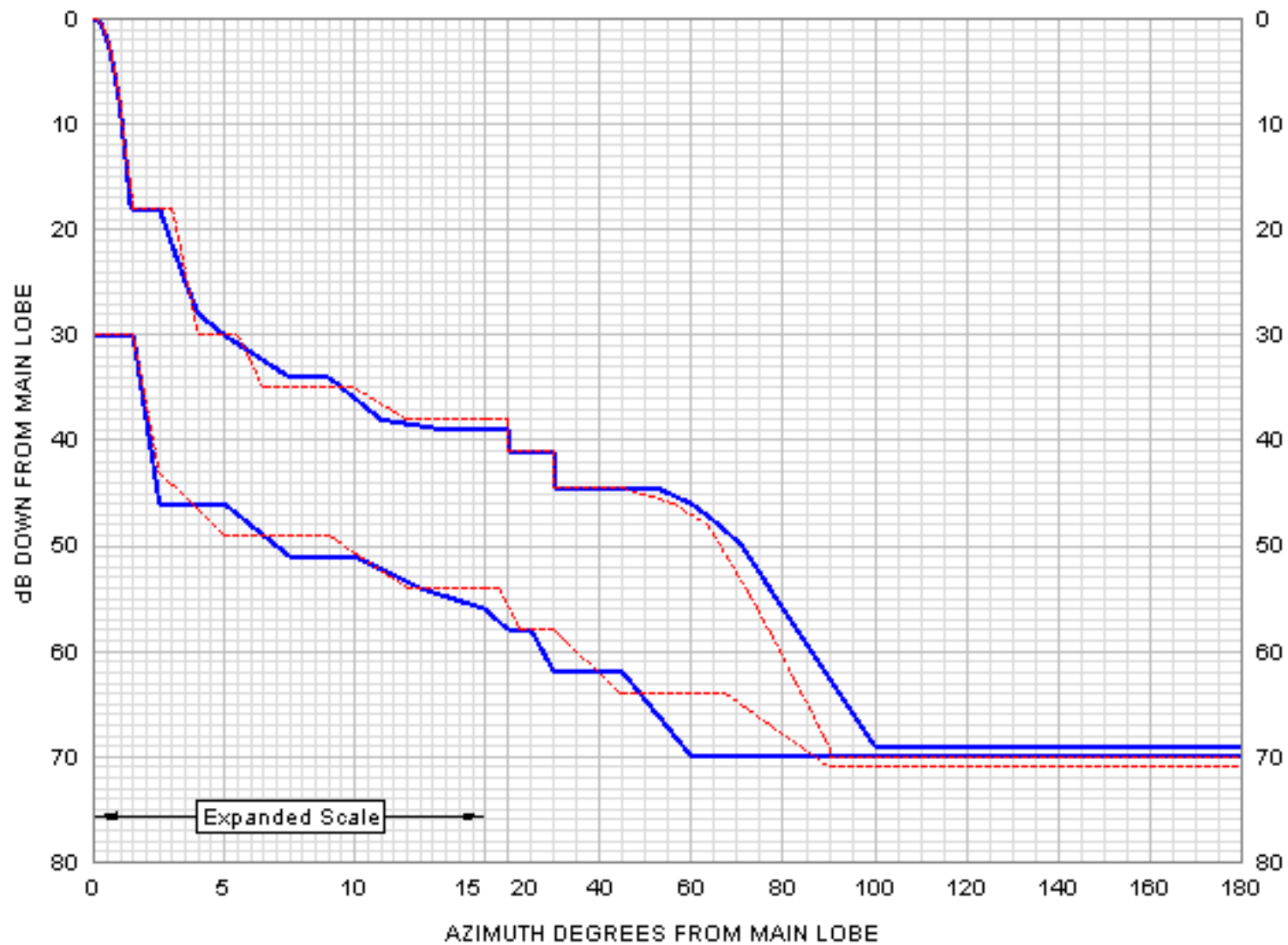
# VHLPX6-10W - Radiation Pattern Envelope



RPE: 7098B

Engineering Approved:  
24 July 2009

— Envelope for a Horizontally Polarized Antenna (HH, HV)  
- - - Envelope for a Vertically Polarized Antenna (VV, VH)  
\*For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".



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H/H		H/V		V/V		V/H	
Angle	dB	Angle	dB	Angle	dB	Angle	dB
0.00	0.00	0.00	-30.00	0.00	0.00	0.00	-30.00
0.20	-0.27	1.50	-30.00	0.10	-0.10	1.50	-30.00
0.30	-0.61	2.50	-46.00	0.20	-0.24	2.50	-43.00
0.40	-1.29	5.00	-46.00	0.30	-0.61	5.00	-49.00
0.49	-1.93	7.50	-51.00	0.40	-1.05	9.00	-49.00
0.60	-2.94	10.00	-51.00	0.49	-1.79	12.00	-54.00
0.70	-4.09	12.50	-54.00	0.60	-2.64	18.00	-54.00
0.80	-5.38	15.00	-56.00	0.70	-3.65	22.50	-58.00
0.90	-6.80	20.00	-58.00	0.80	-4.94	30.00	-58.00
1.00	-8.49	25.00	-58.00	0.90	-6.43	44.50	-64.00
1.10	-10.66	30.00	-62.00	1.00	-8.00	67.50	-64.00
1.20	-12.93	45.00	-62.00	1.10	-10.50	90.00	-71.00
1.40	-18.00	52.50	-66.00	1.20	-12.50	180.00	-71.00
2.50	-18.00	60.00	-70.00	1.40	-15.50		
3.50	-25.00	180.00	-70.00	1.50	-18.00		
4.00	-28.00			3.00	-18.00		
5.00	-30.00			4.00	-30.00		
7.50	-34.00			5.50	-30.00		
9.00	-34.00			6.50	-35.00		
11.00	-38.00			10.00	-35.00		
13.50	-39.00			12.00	-38.00		
19.50	-39.00			19.99	-38.00		
19.99	-39.00			20.00	-41.00		
20.00	-41.00			29.99	-41.00		
29.99	-41.00			30.00	-44.50		
30.00	-44.50			45.00	-44.50		
52.50	-44.50			56.00	-46.00		
60.00	-46.00			63.50	-48.00		
66.00	-48.00			74.50	-56.00		
71.00	-50.00			89.99	-69.00		
80.00	-56.00			90.00	-70.00		
100.00	-69.00			180.00	-70.00		
180.00	-69.00						

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