

# RADIATION PATTERN ENVELOPE

Antenna Type Number: VHLPX6-11W  
6.00 Foot Antenna 10.000-11.700 GHz Dual Polarized  
Gain: 44.00 dBi at 10.850 GHz  
— Envelope for a Horizontally Polarized Antenna (HH, HV)  
— Envelope for a Vertically Polarized Antenna (VV, VH)

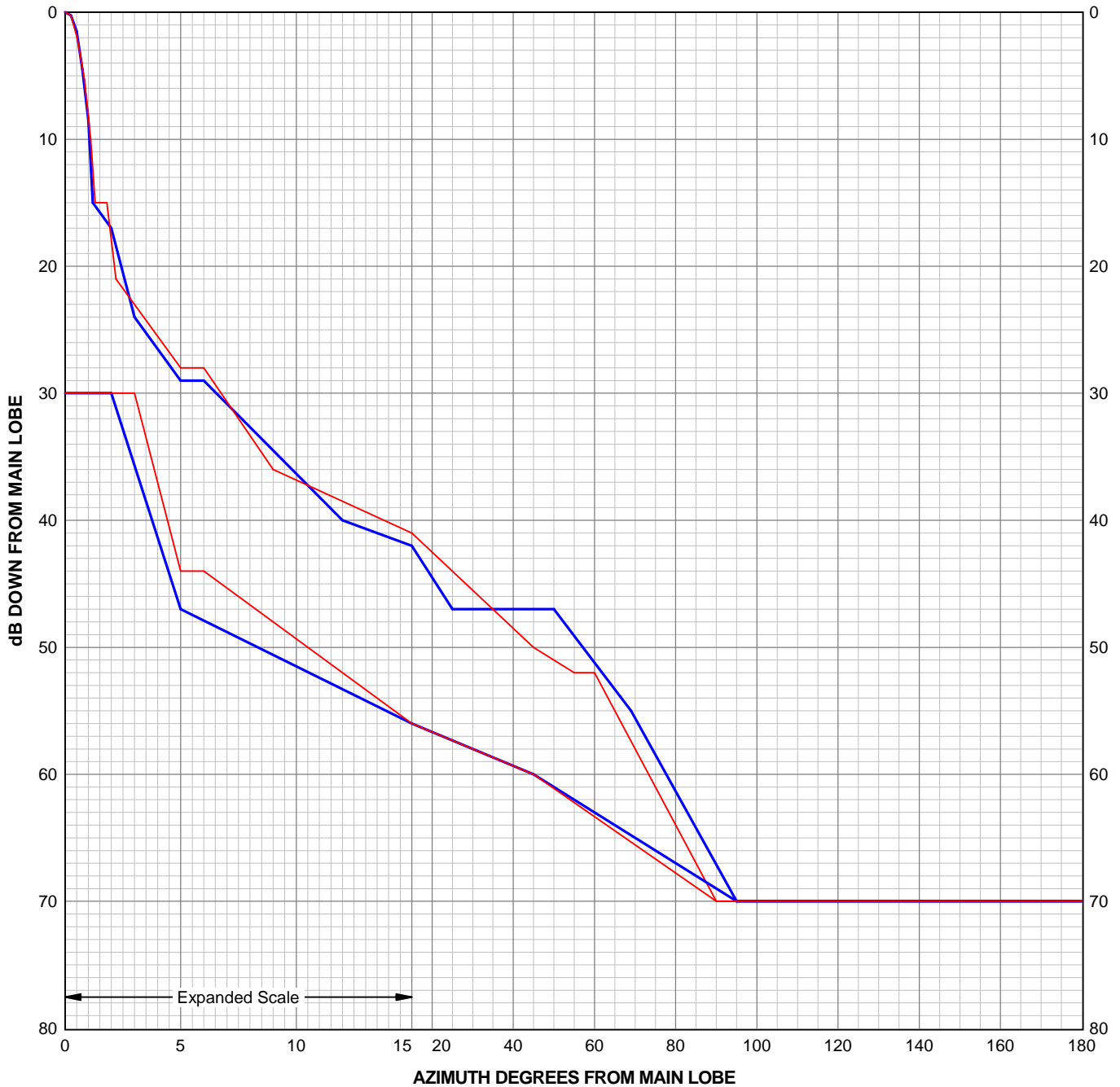
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".



RPE 7367A

Engineering Approved:  
10 June 2016

ANDREW CORPORATION



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 RPE: 7367A  
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Angle	H/H dB	Angle	H/V dB	Angle	V/V dB	Angle	V/H dB
0.00	0.00	0.00	-30.00	0.00	0.00	0.00	-30.00
0.25	-0.25	2.00	-30.00	0.25	-0.25	3.00	-30.00
0.50	-1.50	5.00	-47.00	0.52	-2.00	5.00	-44.00
0.75	-4.50	15.00	-56.00	0.84	-5.30	6.00	-44.00
1.00	-8.50	45.00	-60.00	1.10	-10.00	15.00	-56.00
1.20	-15.00	95.00	-70.00	1.30	-15.00	45.00	-60.00
2.00	-17.00	180.00	-70.00	1.80	-15.00	90.00	-70.00
3.00	-24.00			2.20	-21.00	180.00	-70.00
5.00	-29.00			5.00	-28.00		
6.00	-29.00			6.00	-28.00		
12.00	-40.00			9.00	-36.00		
15.00	-42.00			15.00	-41.00		
25.00	-47.00			45.00	-50.00		
50.00	-47.00			55.00	-52.00		
69.00	-55.00			60.00	-52.00		
95.00	-70.00			90.00	-70.00		
180.00	-70.00			180.00	-70.00		

The RPE is defined by connecting these points with straight lines.  
 PARALLEL POLARIZATION  
 HH - Horizontal port response to a horizontal signal  
 VV - Vertical port response to a vertical signal  
 CROSS POLARIZATION  
 HV - Horizontal port response to a vertical signal  
 VH - Vertical port response to a horizontal signal