

RADIATION PATTERN ENVELOPE

Antenna Type Number: VHLP3-6W
3.00 Foot Antenna 5.925-7.125 GHz Single Polarized
Gain: 33.30 dBi at 6.525 GHz
— Envelope for a Horizontally Polarized Antenna (HH, HV)
— Envelope for a Vertically Polarized Antenna (VV, VH)

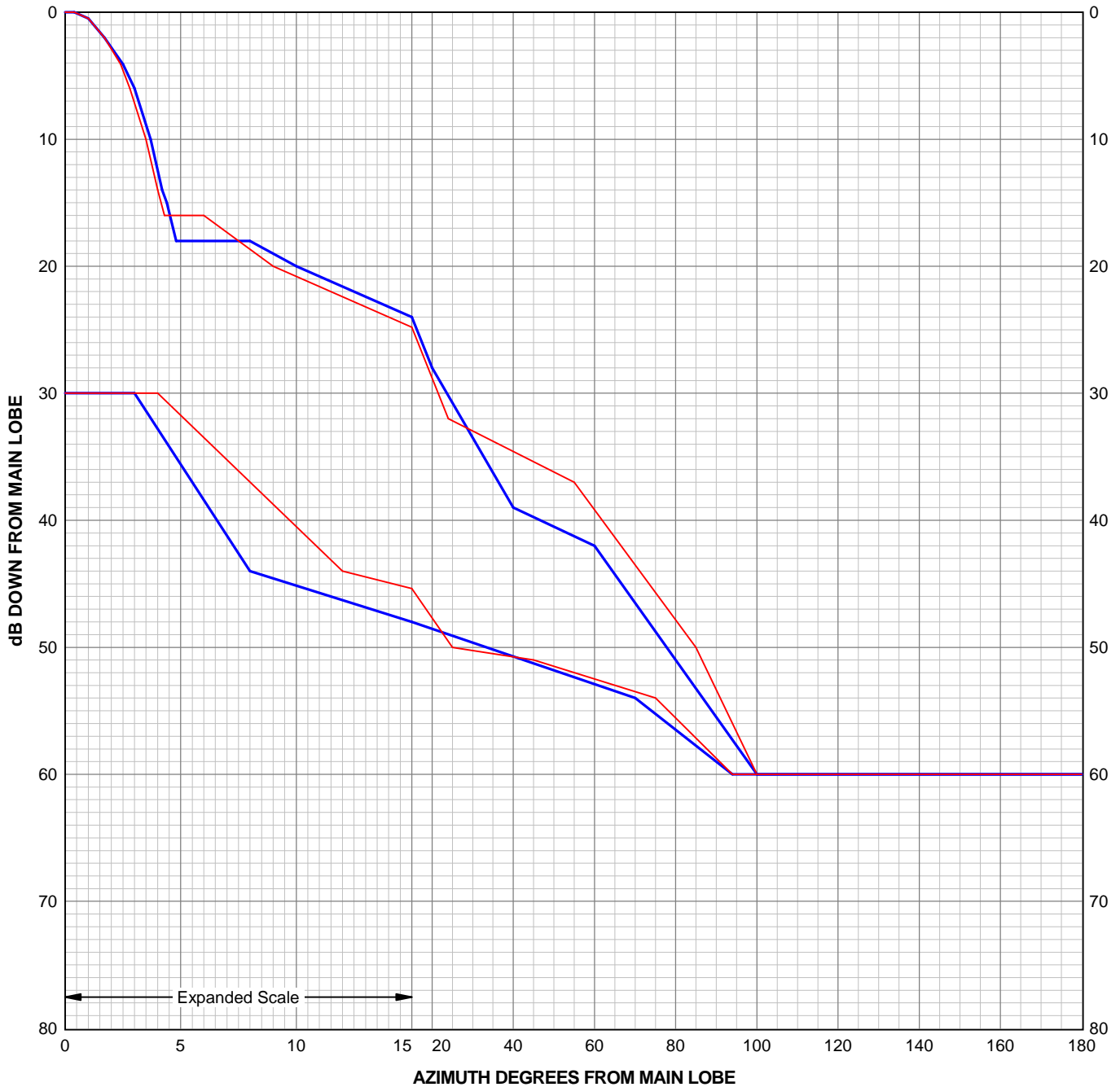
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".



RPE 7144A

Engineering Approved:
2 June 2015

ANDREW CORPORATION



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 RPE: 7144A
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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
0.40	0.00	3.00	-30.00	0.40	0.00	4.00	-30.00
1.00	-0.50	8.00	-44.00	1.00	-0.50	12.00	-44.00
1.70	-2.00	15.00	-48.00	1.70	-2.00	25.00	-50.00
2.50	-4.10	70.00	-54.00	2.40	-4.10	45.00	-51.00
3.00	-6.00	94.00	-60.00	2.80	-6.00	75.00	-54.00
3.70	-10.00	180.00	-60.00	3.50	-10.00	94.00	-60.00
4.20	-14.00			4.00	-14.00	180.00	-60.00
4.40	-15.00			4.30	-16.00		
4.80	-18.00			6.00	-16.00		
8.00	-18.00			9.00	-20.00		
10.00	-20.00			24.00	-32.00		
20.00	-28.00			55.00	-37.00		
40.00	-39.00			85.00	-50.00		
60.00	-42.00			100.00	-60.00		
100.00	-60.00			180.00	-60.00		
180.00	-60.00						

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