RADIATION PATTERN ENVELOPE

Antenna Type Number: VHLP3-11W
3.00 Foot Antenna 10.125-11.700 GHz Single Polarized
Gain: 38.40 dBi at 10.912 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".

ANDREW CORPORATION

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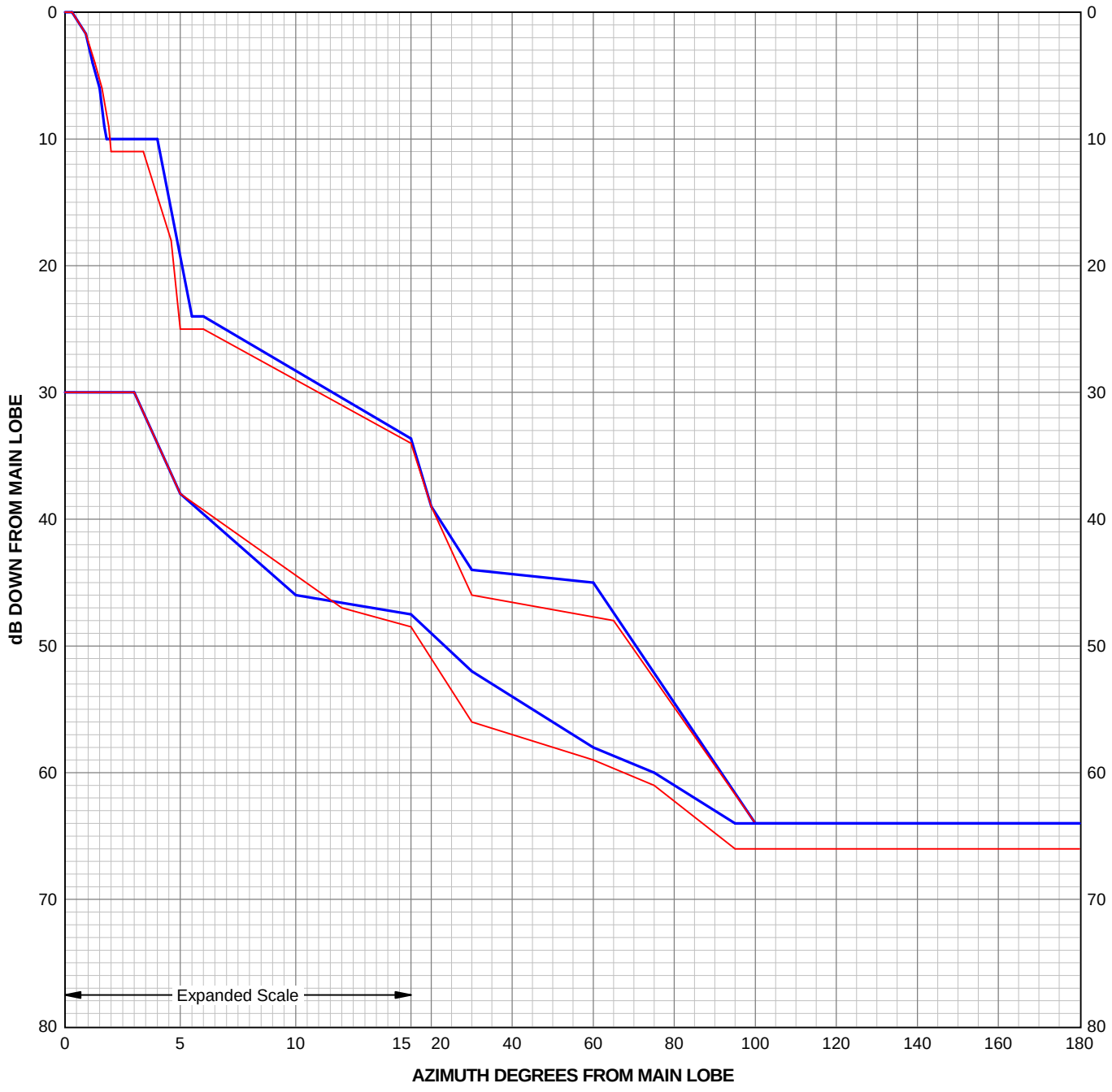
RPE 7166A

Engineering Approved:
10 June 2015



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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
0.30	0.00	3.00	-30.00	0.30	0.00	3.00	-30.00
0.90	-1.70	5.00	-38.00	0.90	-1.70	5.00	-38.00
1.20	-4.00	10.00	-46.00	1.30	-4.00	12.00	-47.00
1.50	-6.00	30.00	-52.00	1.60	-6.00	30.00	-56.00
1.70	-9.00	60.00	-58.00	1.90	-9.00	60.00	-59.00
1.80	-10.00	75.00	-60.00	2.00	-11.00	75.00	-61.00
4.00	-10.00	95.00	-64.00	3.40	-11.00	95.00	-66.00
5.50	-24.00	180.00	-64.00	4.60	-18.00	180.00	-66.00
6.00	-24.00			5.00	-25.00		
20.00	-39.00			6.00	-25.00		
30.00	-44.00			20.00	-39.00		
60.00	-45.00			30.00	-46.00		
100.00	-64.00			65.00	-48.00		
180.00	-64.00			100.00	-64.00		
				180.00	-64.00		

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

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