RADIATION PATTERN ENVELOPE

Antenna Type Number: VHLP2-15/C
2.00 Foot Antenna 14.400-15.350 GHz Single Polarized
Gain: 37.10 dBi at 14.875 GHz
Envelope for a Horizontally Polarized Antenna (HH, HV)
Envelope for a Vertically Polarized Antenna (VV, VH)

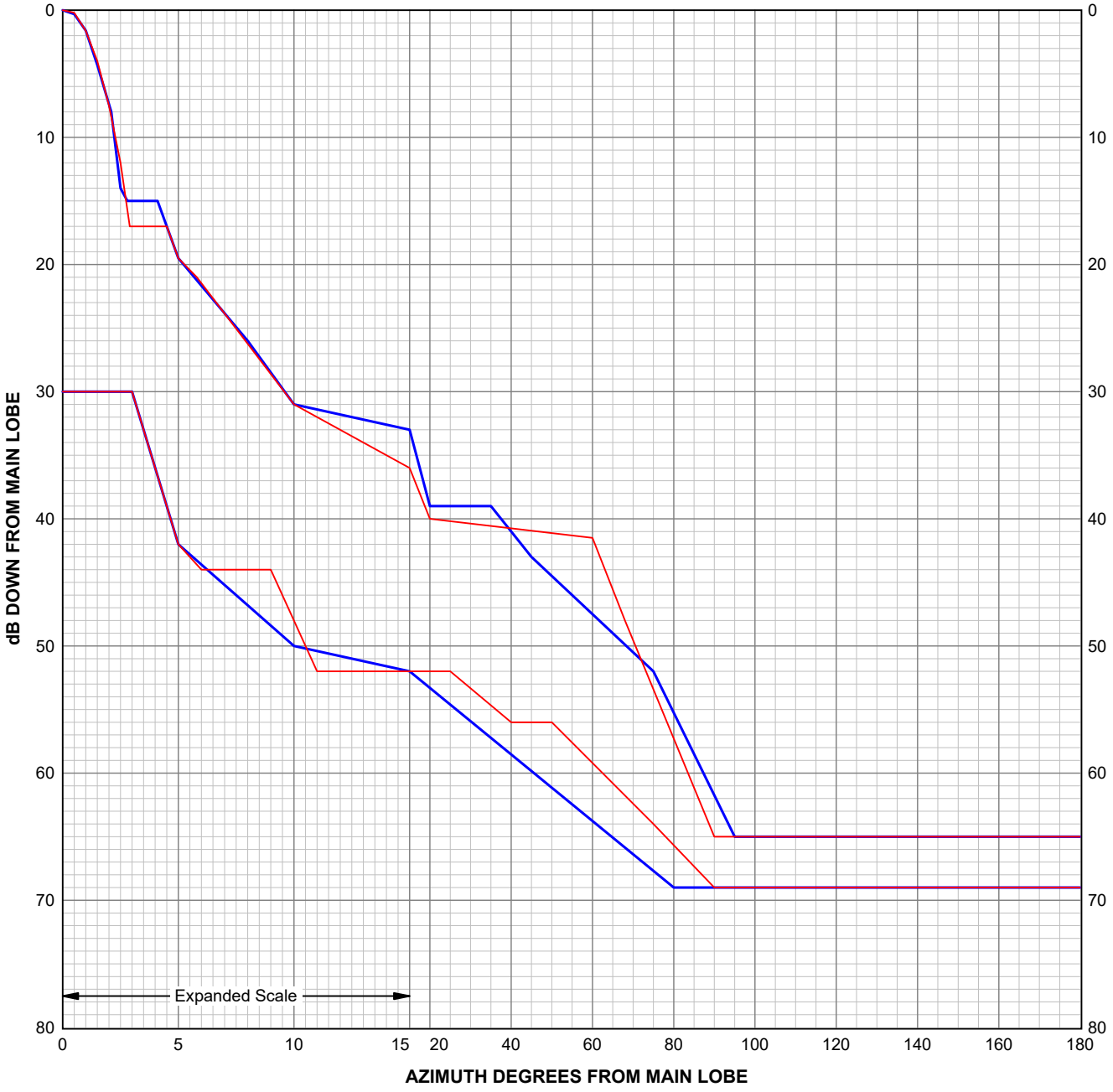
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".

ANDREW CORPORATION

ANDREW®

RPE 7003C

Engineering Approved:
19 May 2021



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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
0.50	-0.30	3.00	-30.00	0.50	-0.20	3.00	-30.00
1.00	-1.60	5.00	-42.00	1.00	-1.62	5.00	-42.00
1.50	-4.30	10.00	-50.00	1.50	-4.00	6.00	-44.00
2.10	-8.00	15.00	-52.00	2.00	-7.50	9.00	-44.00
2.50	-14.00	80.00	-69.00	2.50	-12.00	11.00	-52.00
2.80	-15.00	180.00	-69.00	2.90	-17.00	25.00	-52.00
4.10	-15.00			4.50	-17.00	40.00	-56.00
5.00	-19.50			5.00	-19.50	50.00	-56.00
8.00	-26.00			5.80	-21.00	75.00	-64.00
10.00	-31.00			10.00	-31.00	90.00	-69.00
15.00	-33.00			15.00	-36.00	180.00	-69.00
15.00	-33.00			20.00	-40.00		
20.00	-39.00			60.00	-41.50		
35.00	-39.00			68.00	-48.00		
45.00	-43.00			90.00	-65.00		
75.00	-52.00			180.00	-65.00		
95.00	-65.00						
180.00	-65.00						

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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