

RADIATION PATTERN ENVELOPE

Antenna Type Number: VHLPX3-26
3.00 Foot Antenna 24.250-26.500 GHz Dual Polarized
Gain: 45.80 dBi at 25.375 GHz
— Envelope for a Horizontally Polarized Antenna (HH, HV)
— Envelope for a Vertically Polarized Antenna (VV, VH)

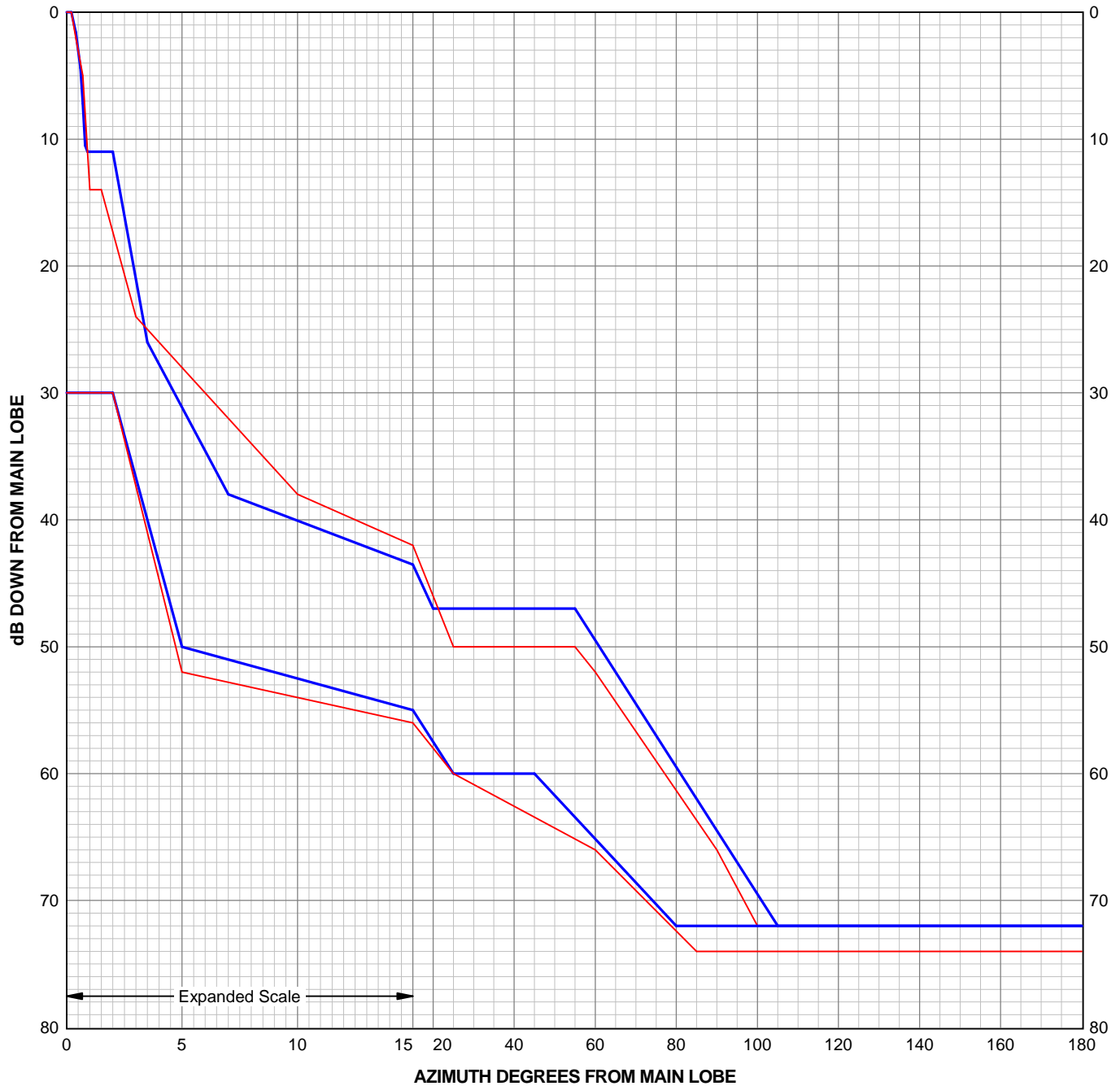
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".



RPE 7173A

Engineering Approved:
29 April 2015

ANDREW CORPORATION



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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
0.20	0.00	2.00	-30.00	0.20	0.00	2.00	-30.00
0.40	-1.60	5.00	-50.00	0.40	-2.00	5.00	-52.00
0.60	-4.40	25.00	-60.00	0.70	-5.00	25.00	-60.00
0.70	-7.20	45.00	-60.00	0.90	-11.00	60.00	-66.00
0.80	-10.50	80.00	-72.00	1.00	-14.00	85.00	-74.00
0.90	-11.00	180.00	-72.00	1.50	-14.00	180.00	-74.00
2.00	-11.00			3.00	-24.00		
3.50	-26.00			5.00	-28.00		
7.00	-38.00			10.00	-38.00		
20.00	-47.00			25.00	-50.00		
55.00	-47.00			55.00	-50.00		
105.00	-72.00			60.00	-52.00		
180.00	-72.00			90.00	-66.00		
				100.00	-72.00		
				180.00	-72.00		

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