

RADIATION PATTERN ENVELOPE

Antenna Type Number: SHPX2-32
2.00 Foot Antenna 31.000-33.400 GHz Dual Polarized
Gain: 43.50 dBi at 32.200 GHz
— Envelope for a Horizontally Polarized Antenna (HH, HV)
— Envelope for a Vertically Polarized Antenna (VV, VH)

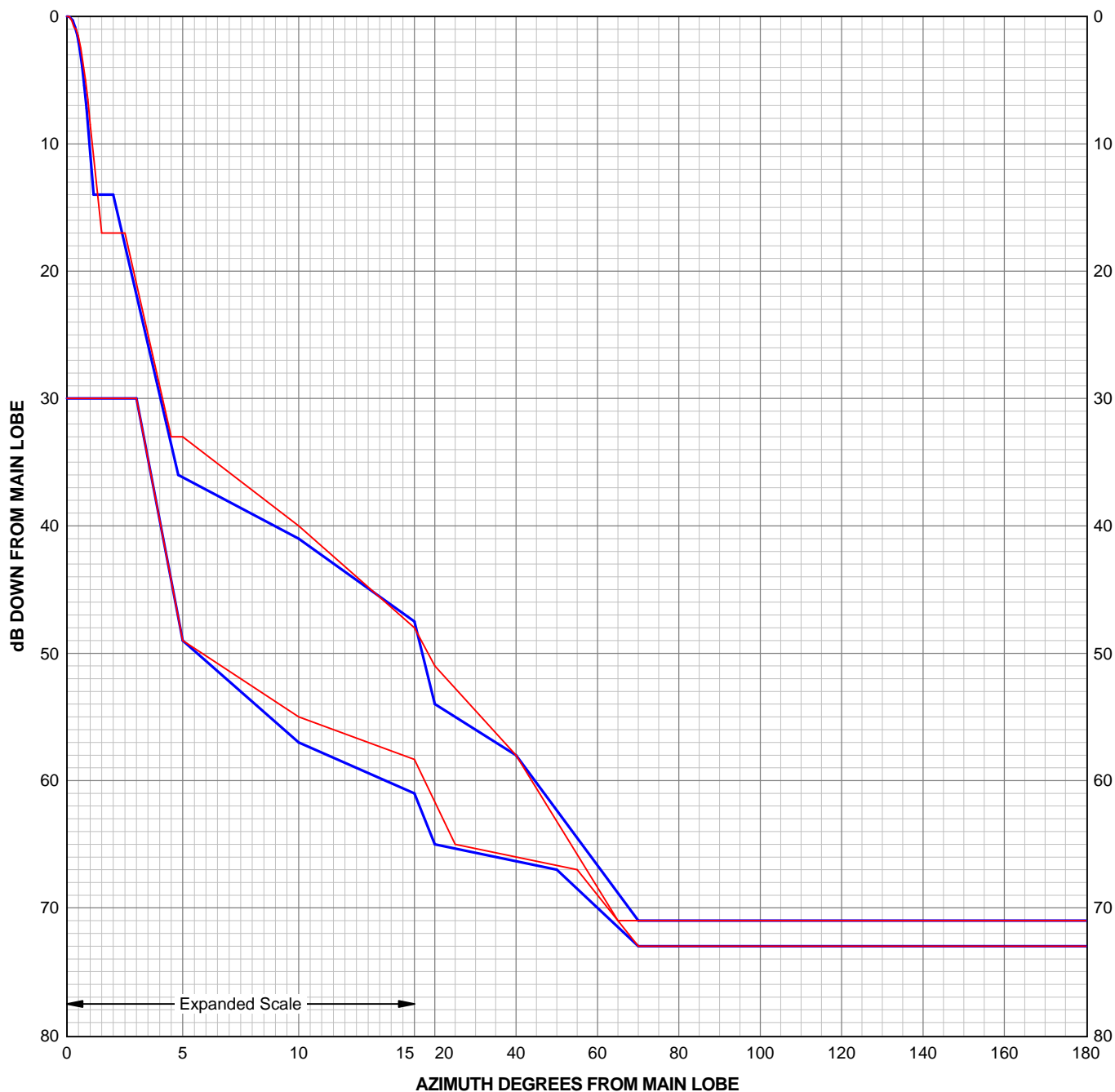
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".



RPE 7264B

Engineering Approved:
14 August 2013

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
0.10	-0.03	3.00	-30.00	0.10	-0.03	3.00	-30.00
0.25	-0.30	5.00	-49.00	0.20	-0.30	5.00	-49.00
0.35	-0.85	10.00	-57.00	0.30	-0.85	10.00	-55.00
0.45	-1.49	20.00	-65.00	0.40	-1.00	25.00	-65.00
0.55	-2.57	50.00	-67.00	0.50	-1.60	55.00	-67.00
0.65	-3.89	70.00	-73.00	0.60	-2.50	70.00	-73.00
0.75	-5.41	180.00	-73.00	0.80	-5.00	180.00	-73.00
0.85	-7.21			0.90	-6.50		
1.15	-14.00			1.00	-8.50		
2.00	-14.00			1.50	-17.00		
4.80	-36.00			2.50	-17.00		
10.00	-41.00			4.50	-33.00		
20.00	-54.00			5.00	-33.00		
40.00	-58.00			10.00	-40.00		
70.00	-71.00			15.00	-48.00		
180.00	-71.00			20.00	-51.00		
				40.00	-58.00		
				65.00	-71.00		
				180.00	-71.00		

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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