

RADIATION PATTERN ENVELOPE

Antenna Type Number: SHP2-26
2.00 Foot Antenna 24.250-26.500 GHz Single Polarized
Gain: 41.60 dBi at 25.375 GHz
— Envelope for a Horizontally Polarized Antenna (HH, HV)
— Envelope for a Vertically Polarized Antenna (VV, VH)

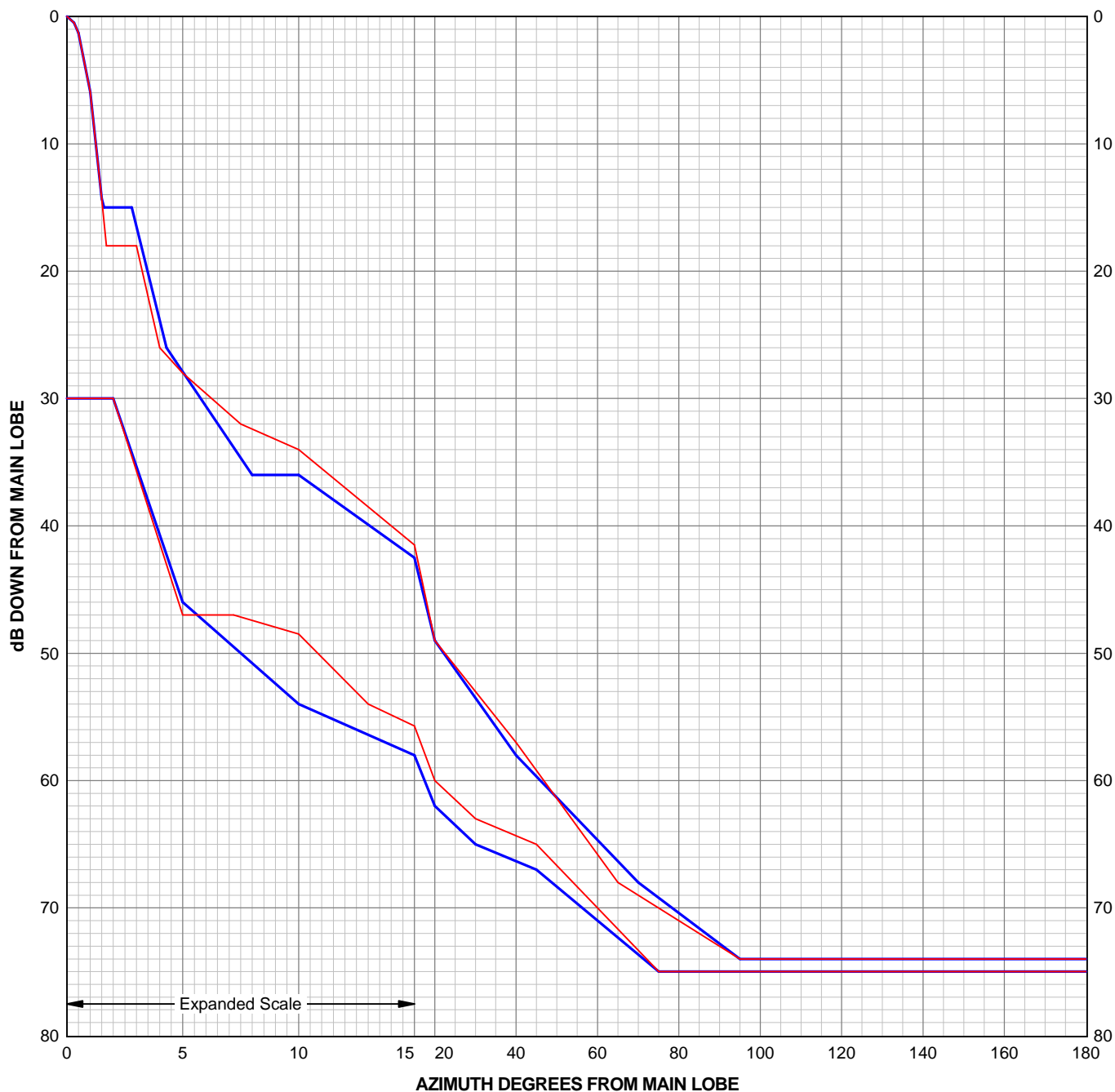
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".



RPE 7259B

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
0.30	-0.50	2.00	-30.00	0.30	-0.50	2.00	-30.00
0.50	-1.30	5.00	-46.00	0.50	-1.30	5.00	-47.00
1.00	-5.90	10.00	-54.00	1.00	-5.90	7.20	-47.00
1.50	-14.30	20.00	-62.00	1.50	-14.30	10.00	-48.50
1.60	-15.00	30.00	-65.00	1.70	-18.00	13.00	-54.00
2.80	-15.00	45.00	-67.00	3.00	-18.00	20.00	-60.00
4.30	-26.00	75.00	-75.00	4.00	-26.00	30.00	-63.00
8.00	-36.00	180.00	-75.00	5.00	-28.00	45.00	-65.00
10.00	-36.00			7.50	-32.00	75.00	-75.00
20.00	-49.00			10.00	-34.00	180.00	-75.00
40.00	-58.00			20.00	-49.00		
70.00	-68.00			40.00	-57.00		
95.00	-74.00			65.00	-68.00		
180.00	-74.00			95.00	-74.00		
				180.00	-74.00		

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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