

RADIATION PATTERN ENVELOPE

Antenna Type Number: SHPx2-28
2.00 Foot Antenna 27.500-29.500 GHz Single Polarized
Gain: 42.60 dBi at 28.500 GHz
— Envelope for a Horizontally Polarized Antenna (HH, HV)
— Envelope for a Vertically Polarized Antenna (VV, VH)

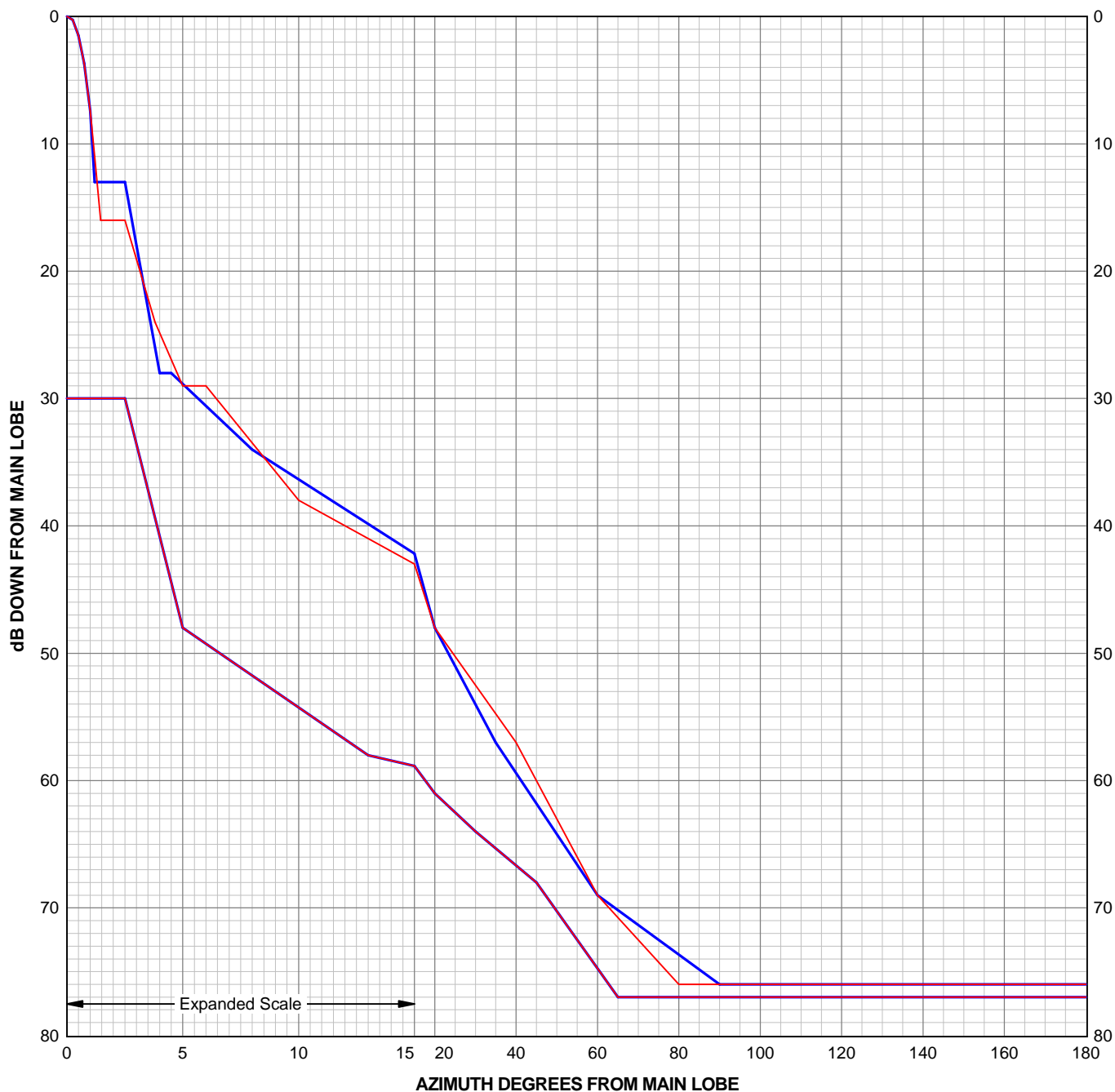
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".



RPE 7262B

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
0.25	-0.27	2.50	-30.00	0.25	-0.27	2.50	-30.00
0.50	-1.50	5.00	-48.00	0.50	-1.50	5.00	-48.00
0.75	-3.70	13.00	-58.00	0.75	-3.70	13.00	-58.00
1.00	-7.40	20.00	-61.00	1.00	-7.40	20.00	-61.00
1.20	-13.00	30.00	-64.00	1.20	-11.00	30.00	-64.00
2.50	-13.00	45.00	-68.00	1.45	-16.00	45.00	-68.00
4.00	-28.00	65.00	-77.00	2.50	-16.00	65.00	-77.00
4.50	-28.00	180.00	-77.00	3.80	-24.00	180.00	-77.00
8.00	-34.00			5.00	-29.00		
20.00	-48.00			6.00	-29.00		
35.00	-57.00			10.00	-38.00		
60.00	-69.00			20.00	-48.00		
90.00	-76.00			40.00	-57.00		
180.00	-76.00			60.00	-69.00		
				80.00	-76.00		
				180.00	-76.00		

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

ANDREW CORPORATION
 10500 W. 153rd Street
 Orland Park, IL. U.S.A 60462

Corporate Web Site: <http://www.andrew.com>
 Customer Service Center: 1-800-255-1479