RADIATION PATTERN ENVELOPE

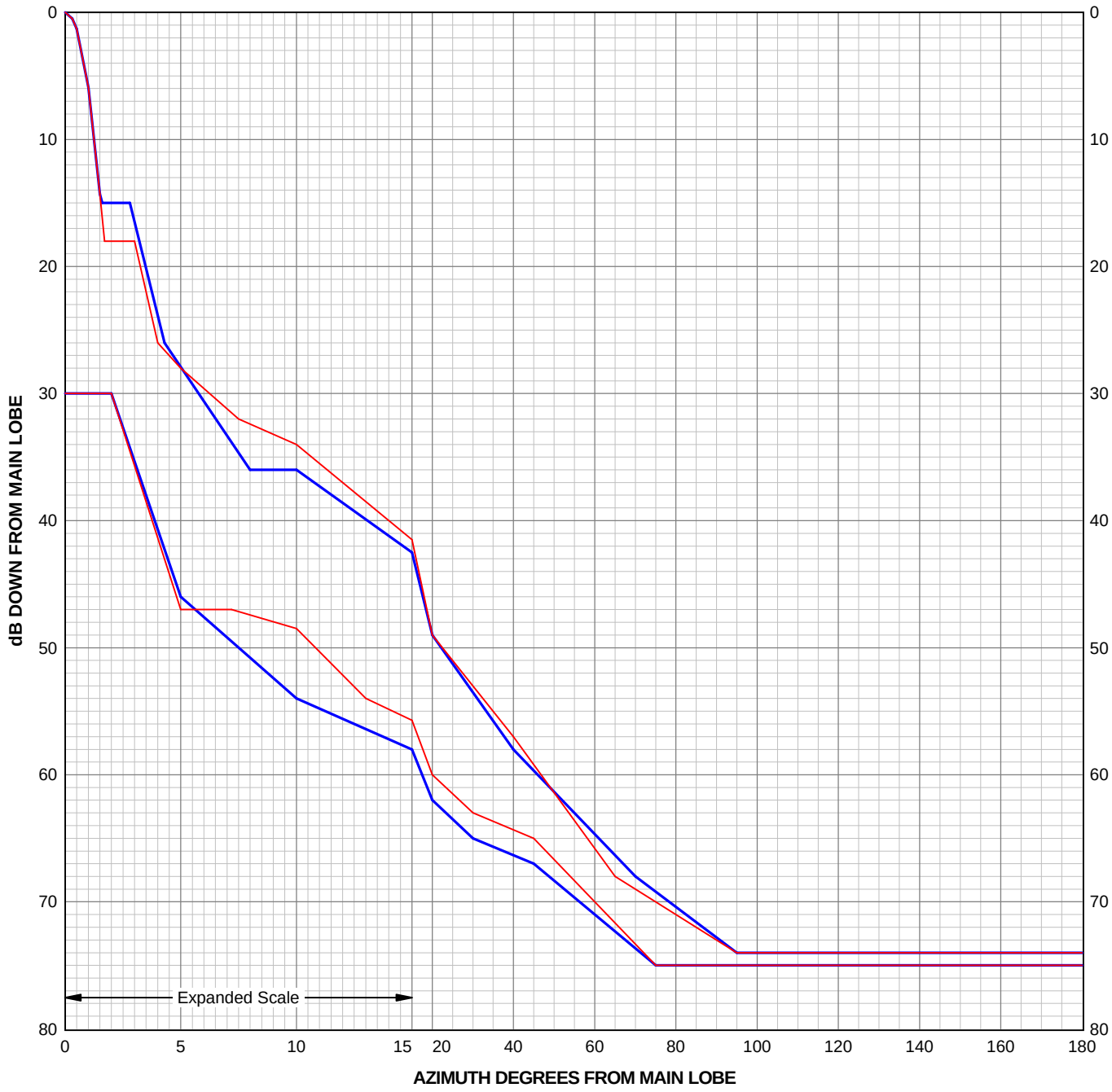
Antenna Type Number: SHPX2-26
2.00 Foot Antenna 24.250-26.500 GHz Dual Polarized
Gain: 41.60 dBi at 25.375 GHz
— Envelope for a Horizontally Polarized Antenna (HH, HV)
— Envelope for a Vertically Polarized Antenna (VV, VH)

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

ANDREW CORPORATION

RPE 7260B

Engineering Approved:
14 August 2013



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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
0.30	-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

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