RADIATION PATTERN ENVELOPE

Antenna Type Number: SHPX3-26
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".

ANDREW CORPORATION

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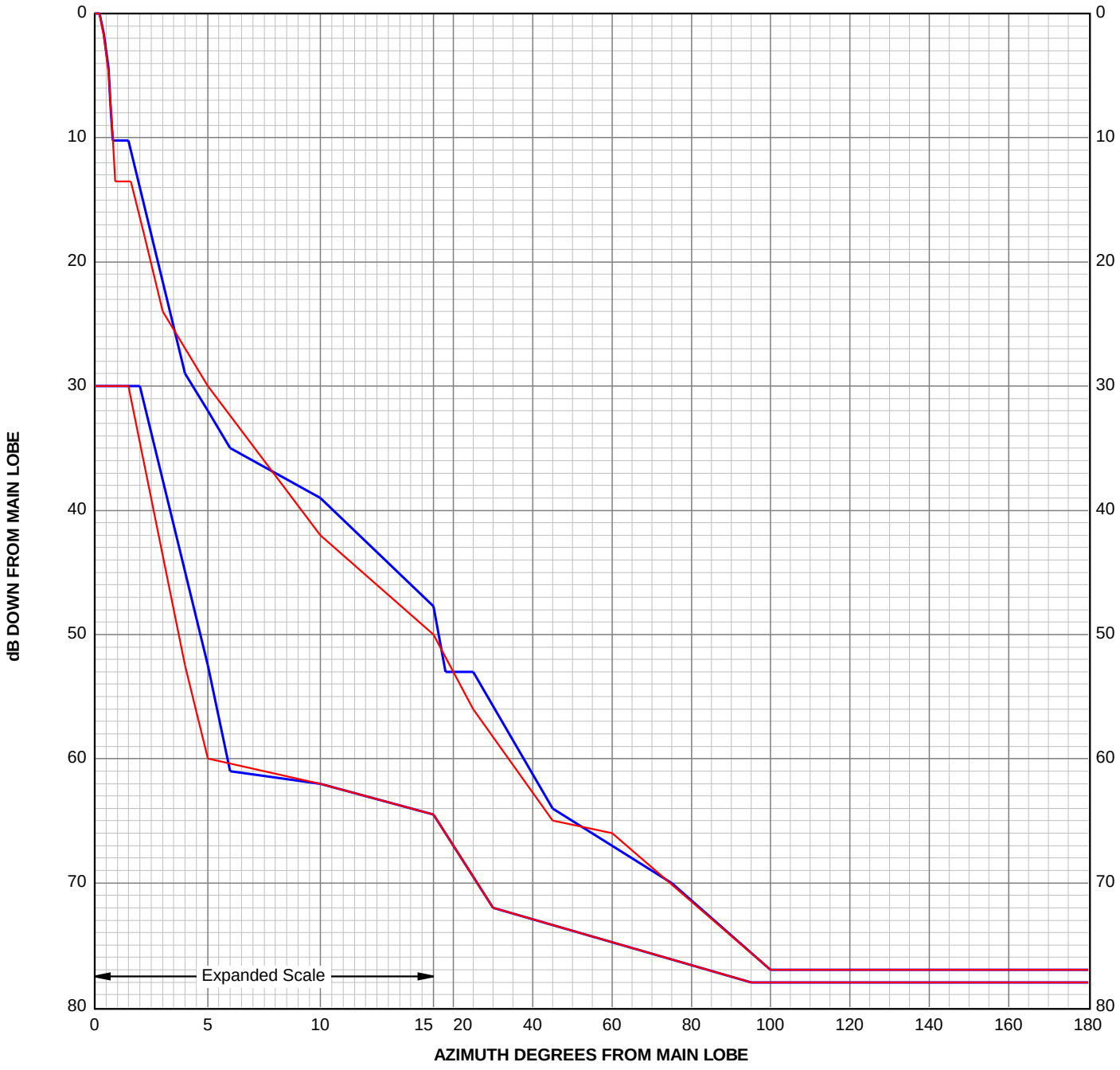
RPE 7304B

Engineering Approved:
10 June 2020



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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
0.20	0.00	2.00	-30.00	0.20	0.00	1.50	-30.00
0.40	-1.60	5.00	-52.50	0.40	-1.80	4.00	-52.50
0.60	-4.40	6.00	-61.00	0.60	-4.80	5.00	-60.00
0.70	-7.20	10.00	-62.00	0.80	-10.00	10.00	-62.00
0.80	-10.20	30.00	-72.00	0.90	-13.50	30.00	-72.00
1.50	-10.20	95.00	-78.00	1.60	-13.50	95.00	-78.00
4.00	-29.00	180.00	-78.00	2.20	-18.00	180.00	-78.00
5.00	-32.00			3.00	-24.00		
6.00	-35.00			5.00	-30.00		
10.00	-39.00			10.00	-42.00		
18.00	-53.00			15.00	-50.00		
25.00	-53.00			25.00	-56.00		
45.00	-64.00			45.00	-65.00		
75.00	-70.00			60.00	-66.00		
100.00	-77.00			100.00	-77.00		
180.00	-77.00			180.00	-77.00		

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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