RADIATION PATTERN ENVELOPE

Antenna Type Number: VHLPX2-26/D
2.00 Foot Antenna 24.250-26.500 GHz Dual Polarized
Gain: 42.00 dBi at 25.375 GHz
— Envelope for a Horizontally Polarized Antenna (HH, HV)
— Envelope for a Vertically Polarized Antenna (VV, VH)

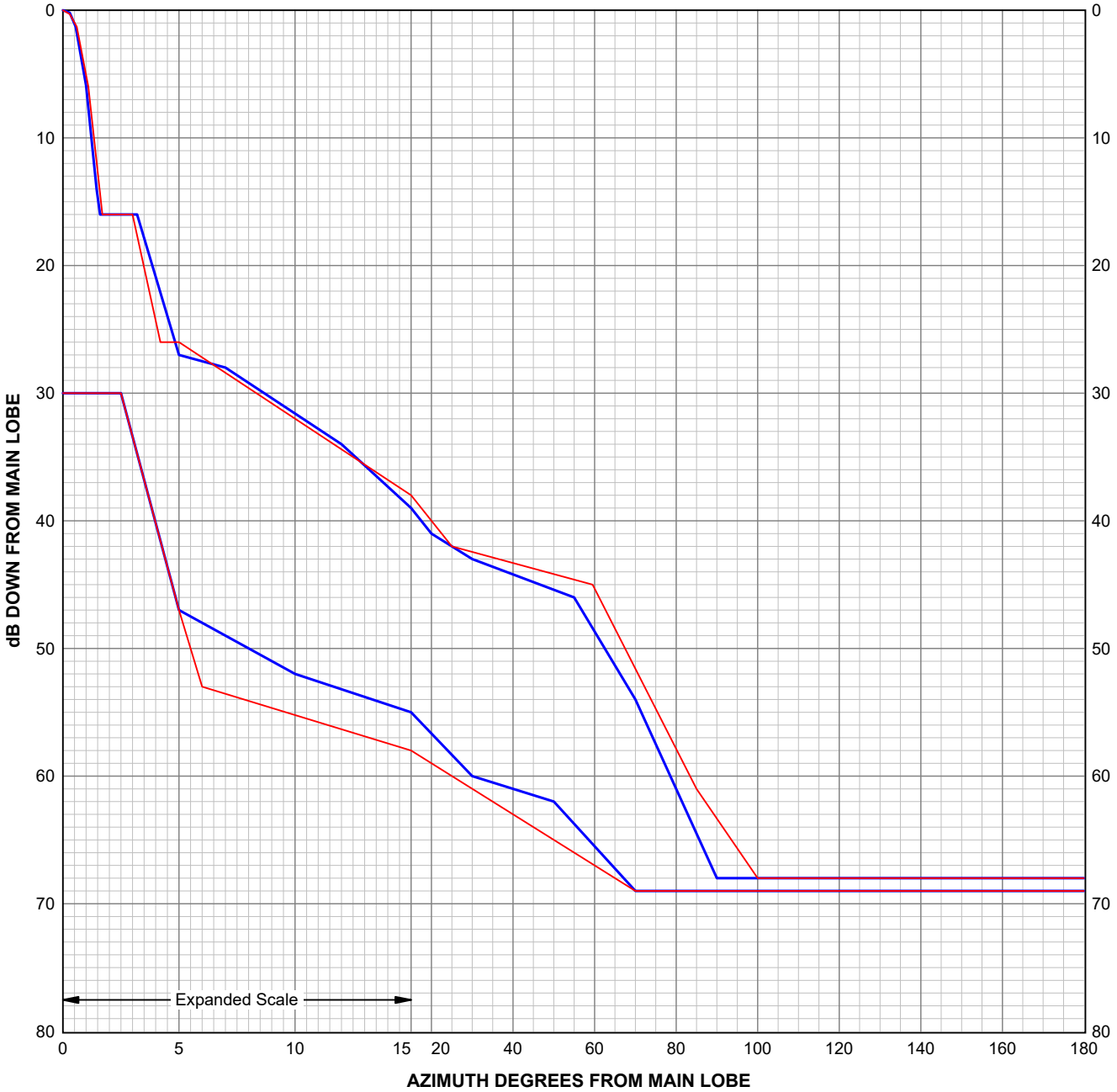
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".

ANDREW CORPORATION

ANDREW®

RPE 7218D

Engineering Approved:
5 May 2021



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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	-0.20	2.50	-30.00	0.30	-0.30	2.50	-30.00
0.55	-1.30	5.00	-47.00	0.60	-1.30	5.00	-47.00
1.00	-5.90	10.00	-52.00	1.10	-6.00	6.00	-53.00
1.45	-14.00	15.00	-55.00	1.70	-16.00	15.00	-58.00
1.60	-16.00	30.00	-60.00	3.00	-16.00	70.00	-69.00
3.20	-16.00	50.00	-62.00	4.20	-26.00	180.00	-69.00
5.00	-27.00	70.00	-69.00	5.00	-26.00		
7.00	-28.00	180.00	-69.00	15.00	-38.00		
12.00	-34.00			25.00	-42.00		
15.00	-39.00			59.50	-45.00		
20.00	-41.00			85.00	-61.00		
30.00	-43.00			100.00	-68.00		
55.00	-46.00			180.00	-68.00		
70.00	-54.00						
90.00	-68.00						
180.00	-68.00						

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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