RADIATION PATTERN ENVELOPE

Antenna Type Number: VHLPX2-23/D
2.00 Foot Antenna 21.200-23.600 GHz Dual Polarized
Gain: 40.70 dBi at 22.400 GHz
Envelope for a Horizontally Polarized Antenna (HH, HV)
Envelope for a Vertically Polarized Antenna (VV, VH)

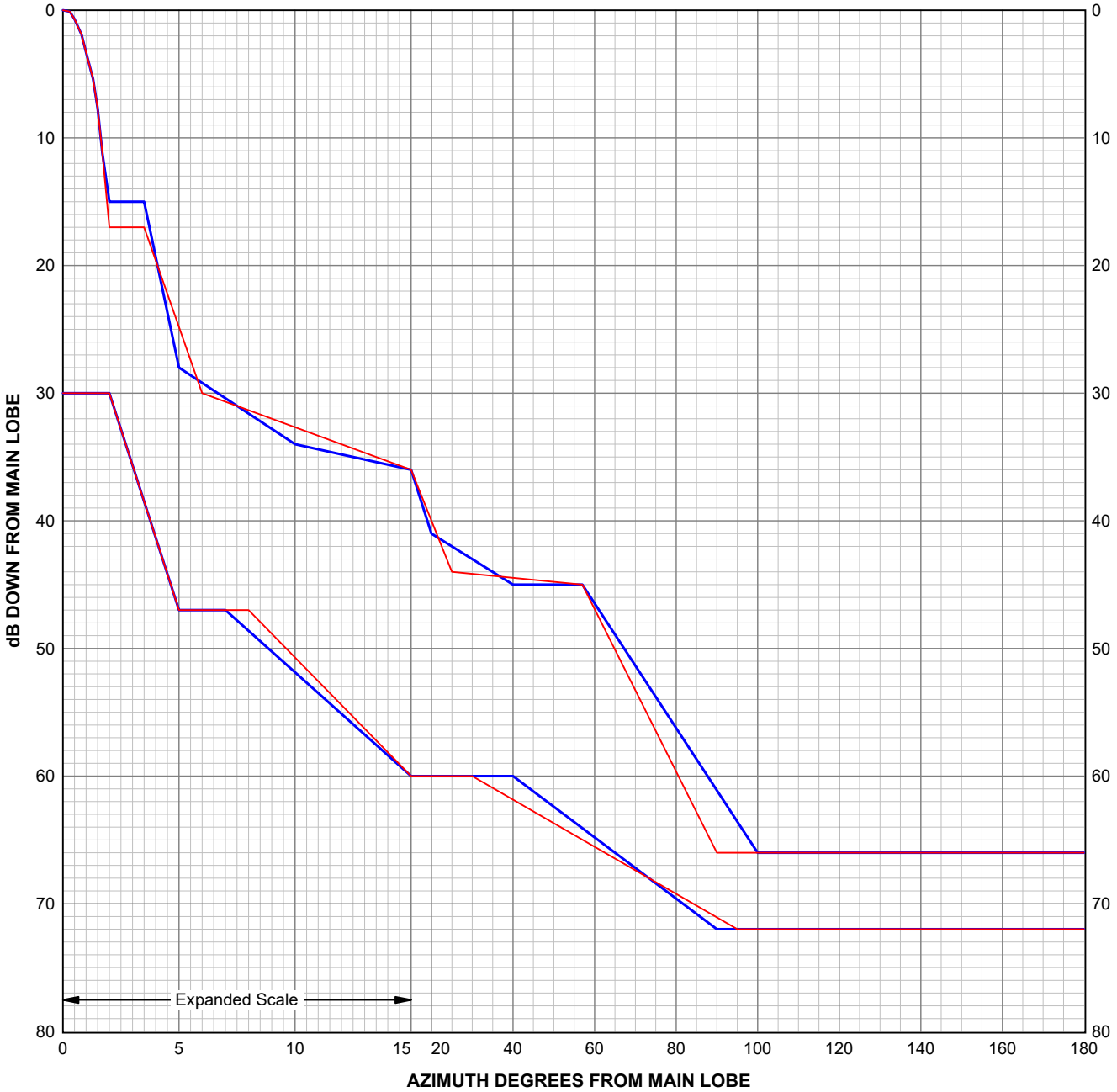
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".

ANDREW CORPORATION

ANDREW®

RPE 7217D

Engineering Approved:
19 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	-0.10	2.00	-30.00	0.30	-0.10	2.00	-30.00
0.50	-0.70	5.00	-47.00	0.50	-0.70	5.00	-47.00
0.80	-1.90	7.00	-47.00	0.80	-1.90	8.00	-47.00
1.00	-3.30	15.00	-60.00	1.00	-3.30	15.00	-60.00
1.30	-5.40	40.00	-60.00	1.30	-5.40	30.00	-60.00
1.50	-7.70	90.00	-72.00	1.50	-7.70	95.00	-72.00
1.70	-11.20	180.00	-72.00	1.70	-11.20	180.00	-72.00
2.00	-15.00			2.00	-17.00		
3.50	-15.00			3.50	-17.00		
5.00	-28.00			6.00	-30.00		
10.00	-34.00			15.00	-36.00		
15.00	-36.00			25.00	-44.00		
20.00	-41.00			57.00	-45.00		
40.00	-45.00			90.00	-66.00		
57.00	-45.00			180.00	-66.00		
100.00	-66.00						
180.00	-66.00						

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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