

RADIATION PATTERN ENVELOPE

Antenna Type Number: HX8-6W
8.00 Foot Antenna 5.925-7.125 GHz Dual Polarized
Gain: 41.60 dBi at 6.525 GHz

- Envelope for a Horizontally Polarized Antenna (HH, HV)
- Envelope for a Vertically Polarized Antenna (VV, VH)

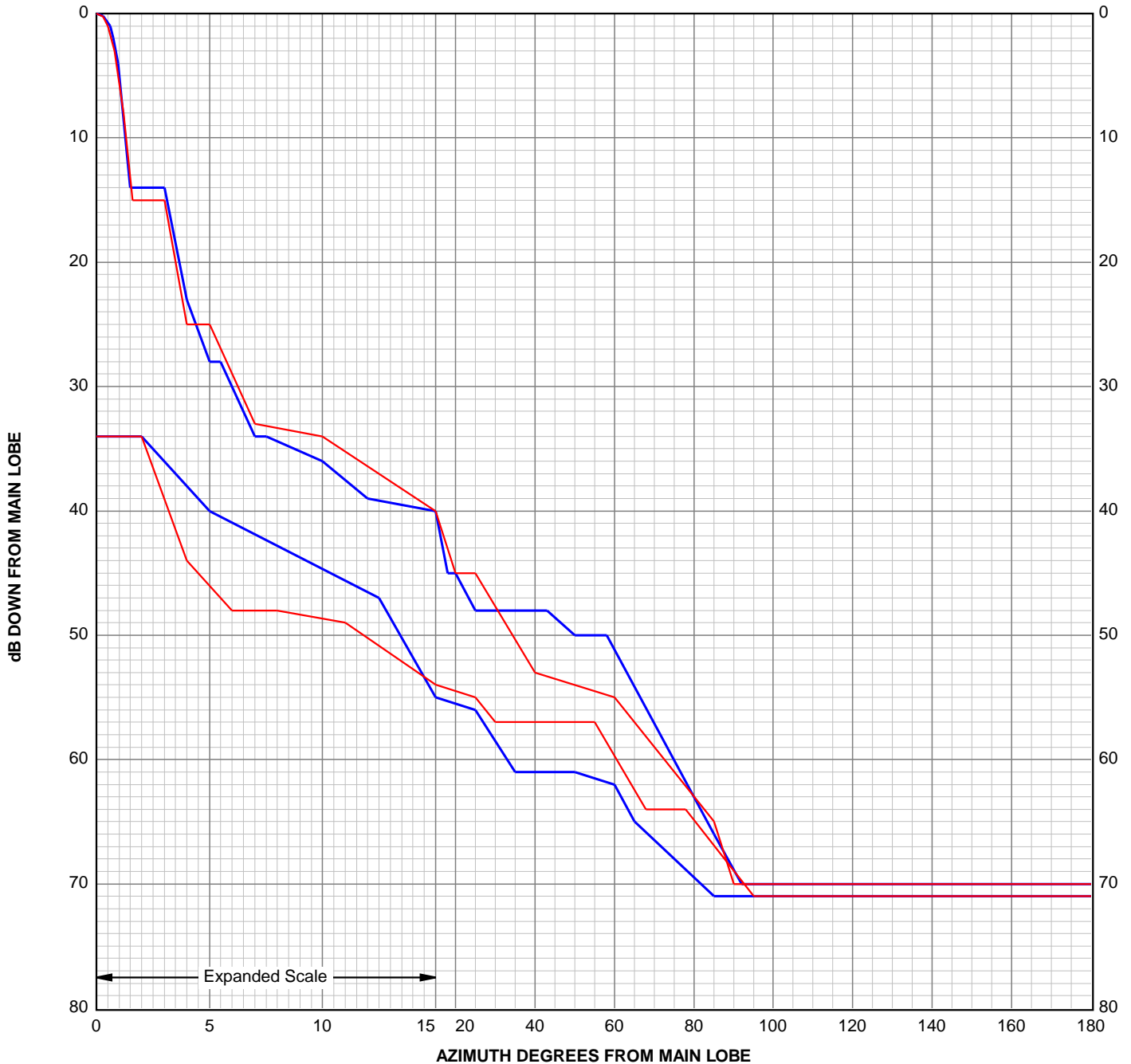
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".

ANDREW CORPORATION



RPE 7389

Engineering Approved:
16 July 2018



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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	-34.00	0.00	0.00	0.00	-34.00
0.30	-0.20	2.00	-34.00	0.30	-0.25	2.00	-34.00
0.60	-1.00	5.00	-40.00	0.50	-1.00	4.00	-44.00
0.75	-2.00	12.50	-47.00	0.80	-3.00	6.00	-48.00
0.95	-4.00	15.00	-55.00	1.20	-8.00	8.00	-48.00
1.50	-14.00	25.00	-56.00	1.60	-15.00	11.00	-49.00
3.00	-14.00	35.00	-61.00	3.00	-15.00	15.00	-54.00
4.00	-23.00	50.00	-61.00	4.00	-25.00	25.00	-55.00
5.00	-28.00	60.00	-62.00	5.00	-25.00	30.00	-57.00
5.50	-28.00	65.00	-65.00	7.00	-33.00	55.00	-57.00
7.00	-34.00	85.00	-71.00	10.00	-34.00	68.00	-64.00
7.50	-34.00	180.00	-71.00	15.00	-40.00	78.00	-64.00
10.00	-36.00			20.00	-45.00	95.00	-71.00
12.00	-39.00			25.00	-45.00	180.00	-71.00
15.00	-40.00			40.00	-53.00		
18.00	-45.00			60.00	-55.00		
20.00	-45.00			85.00	-65.00		
25.00	-48.00			90.00	-70.00		
43.00	-48.00			180.00	-70.00		
50.00	-50.00						
58.00	-50.00						
85.00	-66.00						
92.00	-70.00						
180.00	-70.00						

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