RADIATION PATTERN ENVELOPE

Antenna Type Number: HX6-13W
6.00 Foot Antenna 12.200-13.250 GHz Dual Polarized
Gain: 45.10 dBi at 12.725 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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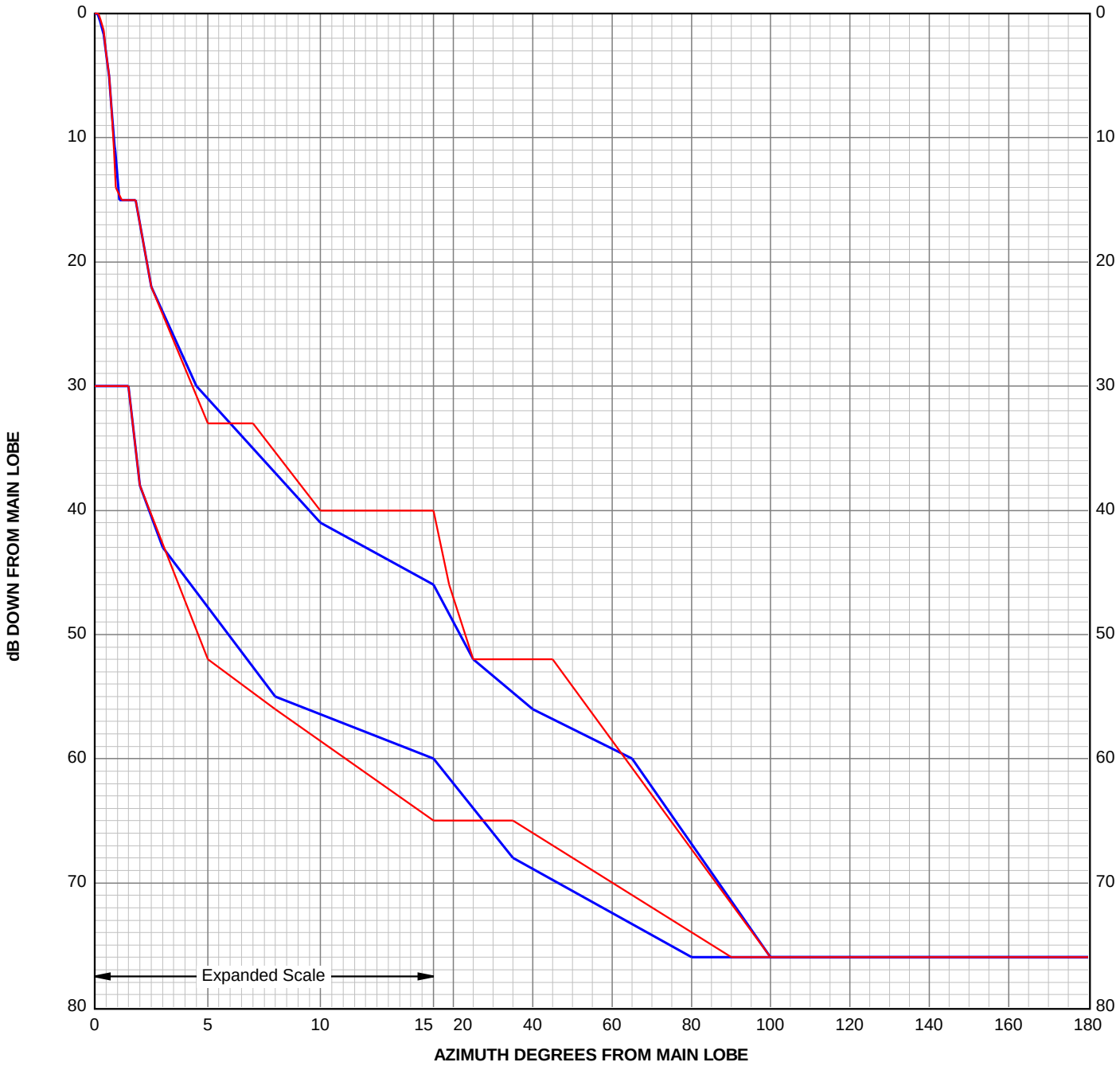
RPE 7381

Engineering Approved:
23 February 2018



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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
0.13	-0.07	1.50	-30.00	0.15	0.00	1.50	-30.00
0.25	-0.61	2.00	-38.00	0.25	-0.41	2.00	-38.00
0.39	-1.69	3.00	-43.00	0.39	-1.35	5.00	-52.00
0.49	-2.84	8.00	-55.00	0.49	-2.84	8.00	-56.00
0.63	-5.08	15.00	-60.00	0.63	-5.00	15.00	-65.00
0.75	-7.72	35.00	-68.00	0.75	-7.75	35.00	-65.00
0.89	-10.70	80.00	-76.00	0.85	-11.00	90.00	-76.00
0.90	-11.00	180.00	-76.00	0.93	-14.00	180.00	-76.00
1.10	-15.00			1.20	-15.00		
1.80	-15.00			1.80	-15.00		
2.50	-22.00			2.50	-22.00		
4.50	-30.00			5.00	-33.00		
10.00	-41.00			7.00	-33.00		
15.00	-46.00			10.00	-40.00		
25.00	-52.00			15.00	-40.00		
40.00	-56.00			19.00	-46.00		
65.00	-60.00			25.00	-52.00		
100.00	-76.00			45.00	-52.00		
180.00	-76.00			100.00	-76.00		
				180.00	-76.00		

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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