

RADIATION PATTERN ENVELOPE

Antenna Type Number: LX6-11W
6.00 Foot Antenna 10.000-11.700 GHz Dual Polarized
Gain: 42.20 dBi at 10.850 GHz

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

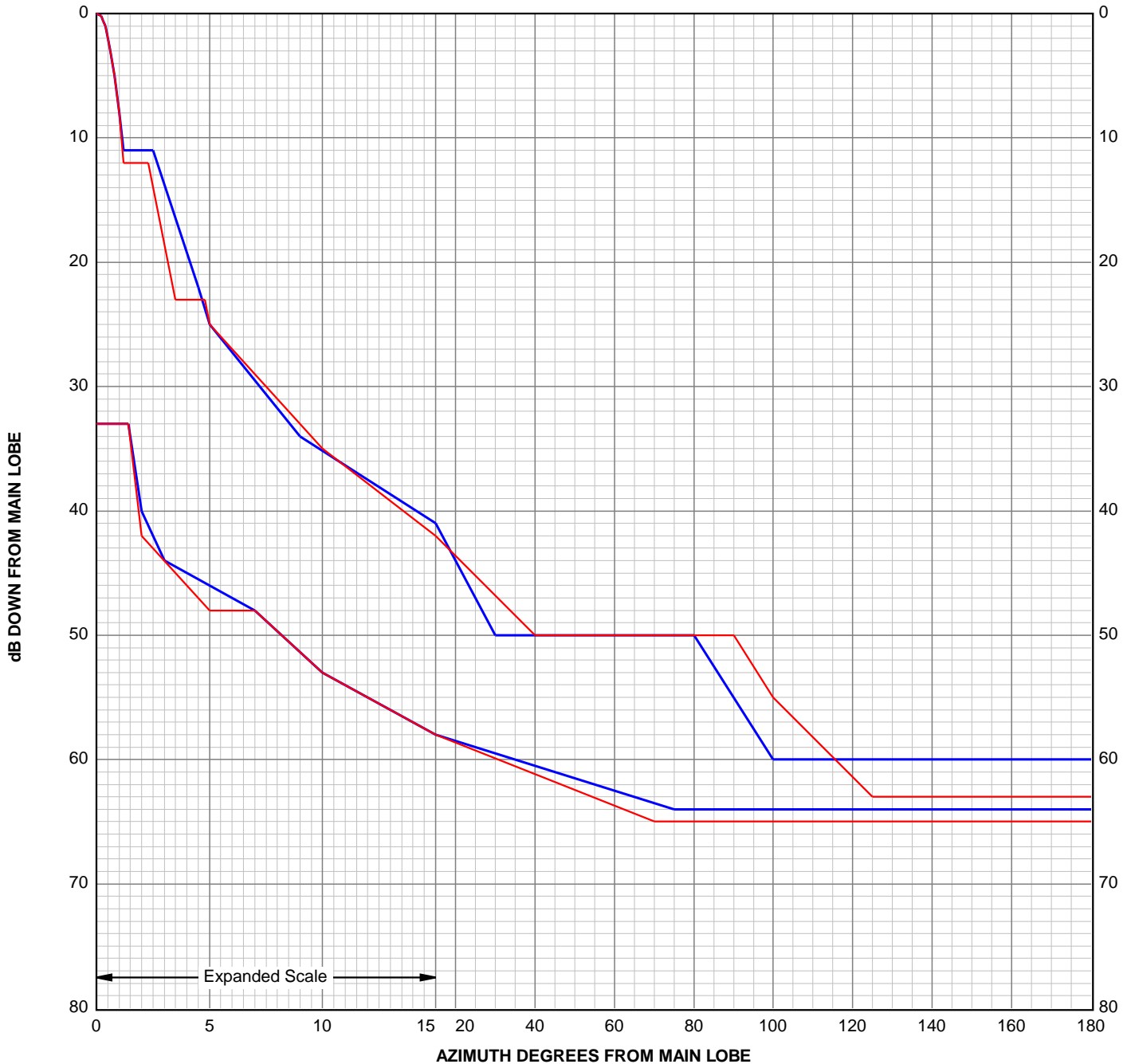
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".

ANDREW CORPORATION



RPE 7440

Engineering Approved:
30 September 2019



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 6.00 Foot Antenna 10.000-11.700 GHz Dual Polarized
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 RPE: 7440
 Engineering Approved: 30 September 2019



Angle	H/H dB	Angle	H/V dB	Angle	V/V dB	Angle	V/H dB
0.00	0.00	0.00	-33.00	0.00	0.00	0.00	-33.00
0.20	-0.20	1.40	-33.00	0.20	-0.20	1.40	-33.00
0.30	-0.60	2.00	-40.00	0.30	-0.60	2.00	-42.00
0.40	-1.00	3.00	-44.00	0.40	-1.00	5.00	-48.00
0.50	-2.00	7.00	-48.00	0.50	-2.00	7.00	-48.00
0.60	-3.00	10.00	-53.00	0.60	-3.00	10.00	-53.00
0.80	-5.00	15.00	-58.00	0.80	-5.00	15.00	-58.00
1.00	-8.00	75.00	-64.00	1.00	-8.00	70.00	-65.00
1.20	-11.00	180.00	-64.00	1.20	-12.00	180.00	-65.00
2.50	-11.00			2.30	-12.00		
4.50	-22.00			3.50	-23.00		
5.00	-25.00			4.80	-23.00		
9.00	-34.00			5.00	-25.00		
15.00	-41.00			10.00	-35.00		
30.00	-50.00			15.00	-42.00		
80.00	-50.00			40.00	-50.00		
100.00	-60.00			90.00	-50.00		
180.00	-60.00			100.00	-55.00		
				125.00	-63.00		
				180.00	-63.00		

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