

RADIATION PATTERN ENVELOPE

Antenna Type Number: LX6-6W
6.00 Foot Antenna 5.925-7.125 GHz Dual Polarized
Gain: 38.10 dBi at 6.525 GHz

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

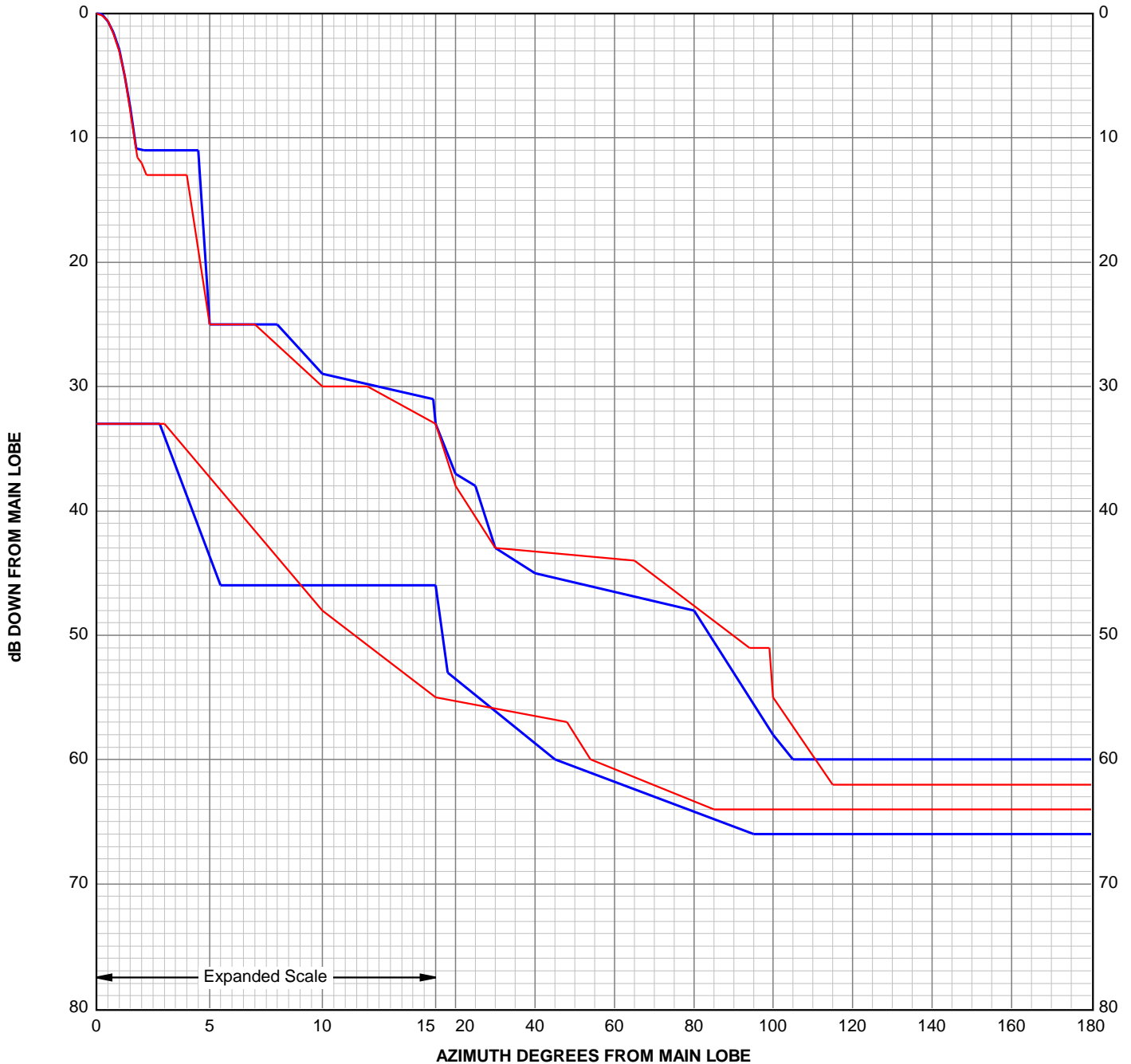
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".

ANDREW CORPORATION



RPE 7438

Engineering Approved:
25 September 2019



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 RPE: 7438
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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	-33.00	0.00	0.00	0.00	-33.00
0.25	-0.05	2.80	-33.00	0.25	-0.16	3.00	-33.00
0.50	-0.65	5.50	-46.00	0.50	-0.60	10.00	-48.00
0.75	-1.52	15.00	-46.00	0.75	-1.62	15.00	-55.00
1.00	-2.92	18.00	-53.00	1.00	-3.03	48.00	-57.00
1.25	-5.03	45.00	-60.00	1.25	-4.98	54.00	-60.00
1.50	-7.52	95.00	-66.00	1.50	-7.79	85.00	-64.00
1.75	-10.83	180.00	-66.00	1.80	-11.58	180.00	-64.00
2.10	-11.00			2.00	-12.00		
4.50	-11.00			2.20	-13.00		
5.00	-25.00			4.00	-13.00		
8.00	-25.00			5.00	-25.00		
10.00	-29.00			7.00	-25.00		
14.90	-31.00			10.00	-30.00		
15.00	-33.00			12.00	-30.00		
20.00	-37.00			15.00	-33.00		
25.00	-38.00			20.00	-38.00		
30.00	-43.00			30.00	-43.00		
40.00	-45.00			65.00	-44.00		
80.00	-48.00			94.00	-51.00		
100.00	-58.00			99.00	-51.00		
105.00	-60.00			100.00	-55.00		
180.00	-60.00			115.00	-62.00		
				180.00	-62.00		

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