

RADIATION PATTERN ENVELOPE

Antenna Type Number: HX6-611B
6.00 Foot Antenna 5.925-7.125 GHz Dual Polarized
Gain: 39.30 dBi at 6.525 GHz

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

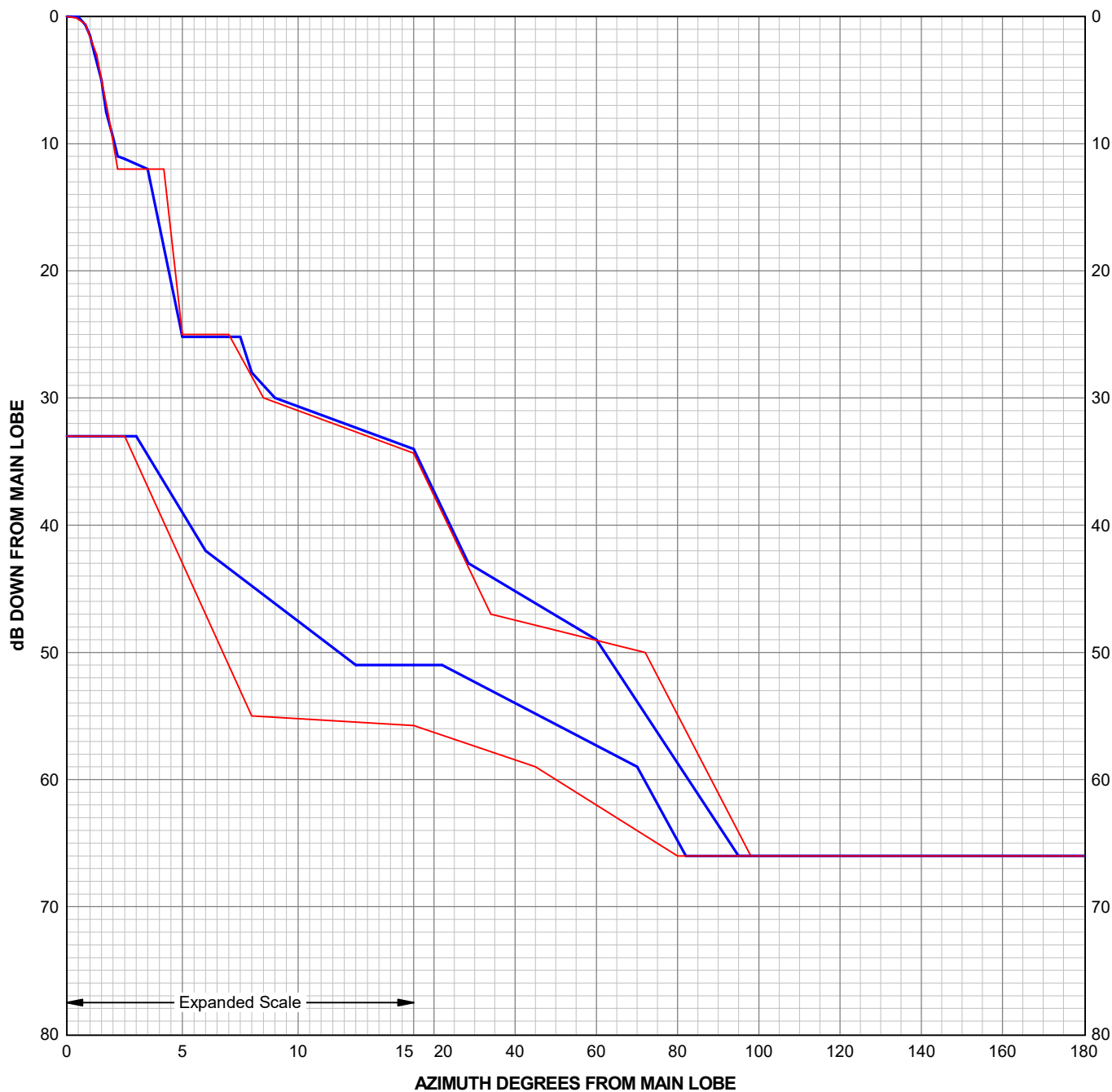
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".



RPE 7453B

Engineering Approved:
14 June 2024

ANDREW CORPORATION



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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
0.50	-0.05	3.00	-33.00	0.40	-0.10	2.50	-33.00
0.80	-0.65	6.00	-42.00	0.80	-0.60	8.00	-55.00
1.00	-1.52	12.50	-51.00	1.00	-1.62	15.00	-55.75
1.20	-2.92	15.00	-51.00	1.30	-3.03	45.00	-59.00
1.50	-5.03	22.00	-51.00	1.50	-4.98	80.00	-66.00
1.70	-7.52	70.00	-59.00	1.80	-7.79	180.00	-66.00
2.00	-9.50	82.00	-66.00	2.20	-12.00		
2.20	-11.00	180.00	-66.00	4.20	-12.00		
2.50	-11.20			5.00	-25.00		
3.50	-12.00			7.00	-25.00		
5.00	-25.20			8.50	-30.00		
7.50	-25.20			15.00	-34.33		
8.00	-28.00			34.00	-47.00		
9.00	-30.00			72.00	-50.00		
15.00	-34.00			98.00	-66.00		
28.50	-43.00			180.00	-66.00		
60.00	-49.00						
95.00	-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

ANDREW CORPORATION
 10500 W. 153rd Street
 Orland Park, IL. U.S.A 60462

Corporate Web Site: <http://www.andrew.com>
 Customer Service Center: 1-800-255-1479