

RADIATION PATTERN ENVELOPE

Antenna Type Number: USX6-6W
6.00 Foot Antenna 5.925-7.125 GHz Dual Polarized
Gain: 38.80 dBi at 6.525 GHz

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

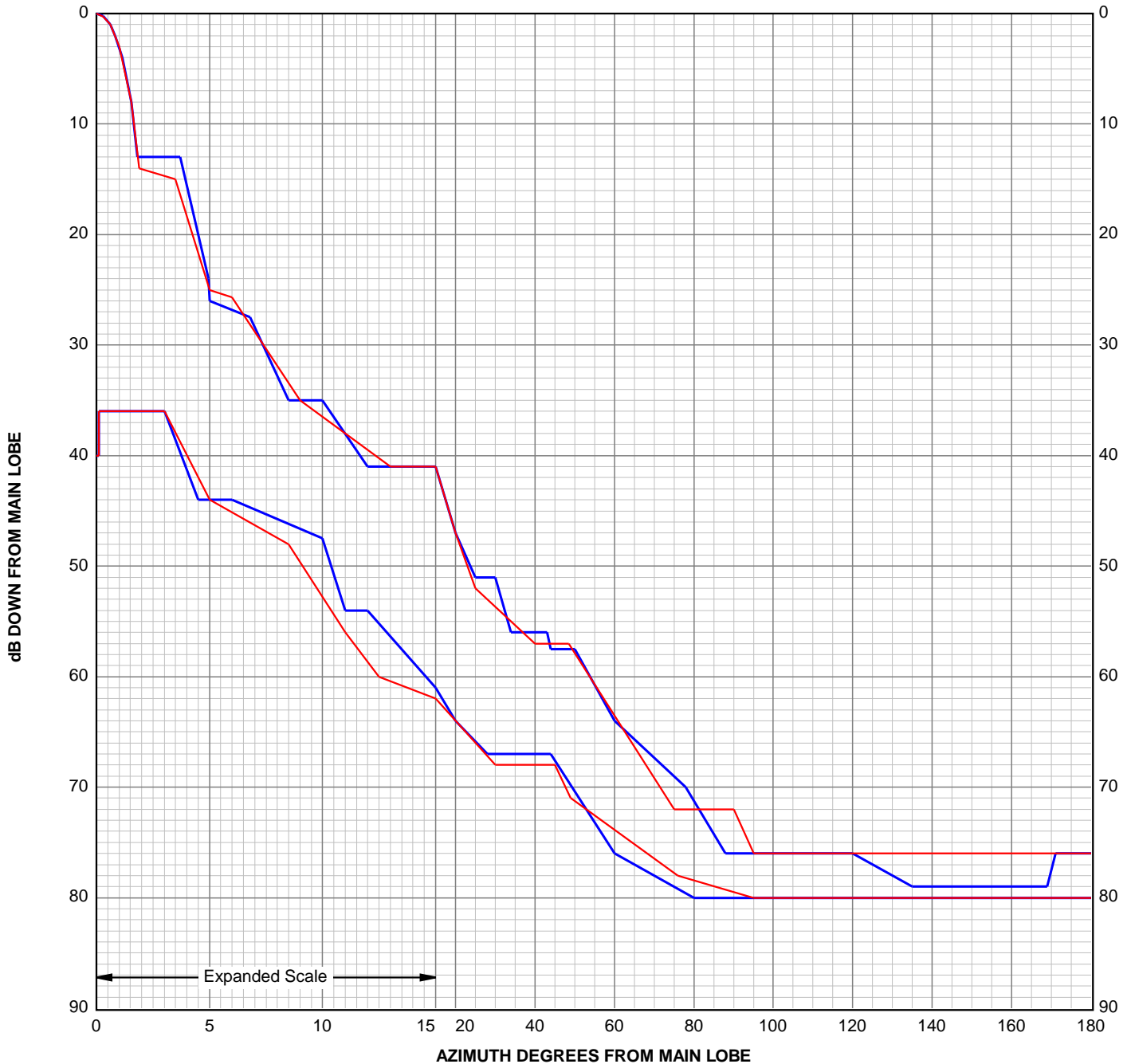
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".

ANDREW CORPORATION



RPE 7373

Engineering Approved:
3 June 2019



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 RPE: 7373
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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	-40.00	0.00	0.00	0.00	-40.00
0.30	-0.20	0.10	-40.00	0.30	-0.25	0.10	-40.00
0.60	-1.00	0.11	-36.00	0.60	-1.00	0.11	-36.00
0.82	-2.00	3.00	-36.00	1.00	-3.00	3.00	-36.00
1.15	-4.00	4.50	-44.00	1.55	-8.00	5.00	-44.00
1.55	-8.00	6.00	-44.00	1.90	-14.00	8.50	-48.00
1.80	-13.00	10.00	-47.50	3.50	-15.00	11.00	-56.00
3.70	-13.00	11.00	-54.00	5.00	-25.00	12.50	-60.00
4.95	-24.00	12.00	-54.00	6.00	-25.70	15.00	-62.00
5.00	-26.00	15.00	-61.00	9.00	-35.00	30.00	-68.00
6.80	-27.50	20.00	-64.00	13.00	-41.00	45.00	-68.00
8.50	-35.00	28.00	-67.00	15.00	-41.00	49.00	-71.00
10.00	-35.00	44.00	-67.00	20.00	-47.00	76.00	-78.00
12.00	-41.00	60.00	-76.00	25.00	-52.00	95.00	-80.00
15.00	-41.00	80.00	-80.00	40.00	-57.00	180.00	-80.00
20.00	-47.00	180.00	-80.00	48.50	-57.00		
25.00	-51.00			75.00	-72.00		
30.00	-51.00			90.00	-72.00		
34.00	-56.00			95.00	-76.00		
43.00	-56.00			180.00	-76.00		
44.00	-57.50						
50.00	-57.50						
60.00	-64.00						
78.00	-70.00						
88.00	-76.00						
120.00	-76.00						
135.00	-79.00						
169.00	-79.00						
171.00	-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