

RADIATION PATTERN ENVELOPE

Antenna Type Number: USX6-3
6.00 Foot Antenna 3.600-4.200 GHz Dual Polarized
Gain: 34.80 dBi at 3.900 GHz

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

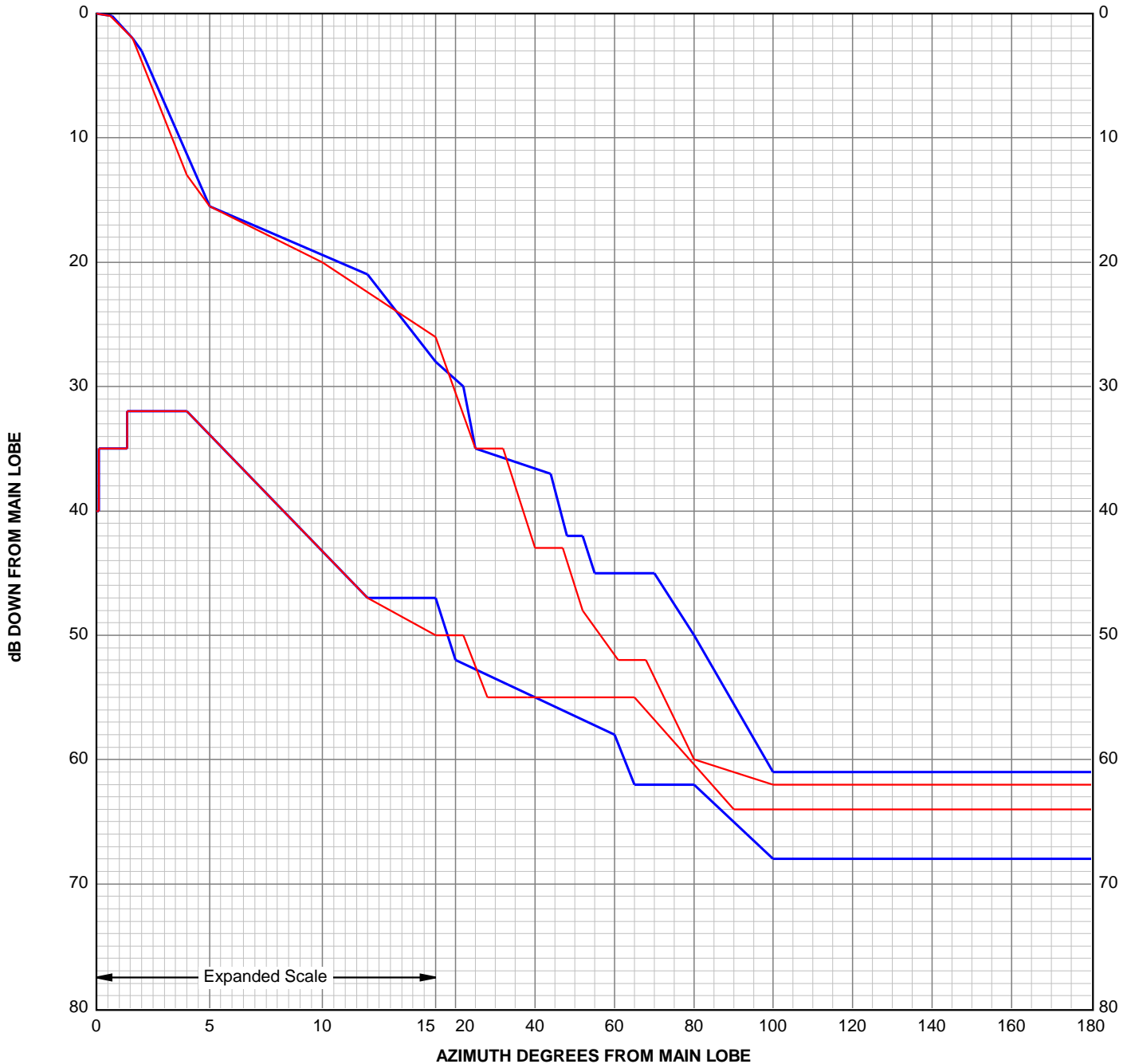
For further information, ask for Andrew Bulletin 1032, "Radiation Pattern Envelopes".

ANDREW CORPORATION



RPE 7383

Engineering Approved:
3 June 2019



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 RPE: 7383
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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
0.70	-0.20	0.10	-40.00	0.60	-0.20	0.10	-40.00
1.60	-2.00	0.11	-35.00	1.60	-2.00	0.11	-35.00
2.00	-3.00	1.35	-35.00	4.00	-13.00	1.35	-35.00
5.00	-15.50	1.36	-32.00	5.00	-15.50	1.36	-32.00
12.00	-21.00	4.00	-32.00	10.00	-20.00	4.00	-32.00
15.00	-28.00	12.00	-47.00	15.00	-26.00	12.00	-47.00
22.00	-30.00	15.00	-47.00	25.00	-35.00	15.00	-50.00
25.00	-35.00	20.00	-52.00	32.00	-35.00	22.00	-50.00
44.00	-37.00	60.00	-58.00	40.00	-43.00	28.00	-55.00
48.00	-42.00	65.00	-62.00	47.00	-43.00	38.00	-55.00
52.00	-42.00	80.00	-62.00	52.00	-48.00	65.00	-55.00
55.00	-45.00	100.00	-68.00	61.00	-52.00	90.00	-64.00
70.00	-45.00	180.00	-68.00	68.00	-52.00	180.00	-64.00
80.00	-50.00			80.00	-60.00		
100.00	-61.00			100.00	-62.00		
180.00	-61.00			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