

IRIS / SHIRE antenna directivity data

Beam	Azimuth	Zenith	Solid Angle	Peak (dB)
(3,-3)	45.0	69.2	0.0473	-11.9
(3,-2)	33.7	57.9	0.0588	-5.6
(3,-1)	18.6	49.2	0.0545	-3.6
(3,0)	0.0	46.2	0.0524	-3.1
(3,1)	-18.6	49.2	0.0545	-3.6
(3,2)	-33.7	57.9	0.0588	-5.6
(3,3)	-45.0	69.2	0.0473	-11.9
(2,-3)	56.3	57.9	0.0588	-5.6
(2,-2)	45.0	43.2	0.0505	-2.4
(2,-1)	26.6	33.1	0.0451	-1.3
(2,0)	0.0	29.4	0.0435	-1.0
(2,1)	-26.6	33.1	0.0451	-1.3
(2,2)	-45.0	43.2	0.0505	-2.4
(2,3)	-56.3	57.9	0.0588	-5.6
(1,-3)	71.4	49.2	0.0545	-3.6
(1,-2)	63.4	33.1	0.0451	-1.3
(1,-1)	45.0	20.4	0.0406	-0.04
(1,0)	0.0	14.2	0.0394	-0.02
(1,1)	-45.0	20.4	0.0406	-0.04
(1,2)	-63.4	33.1	0.0451	-1.3
(1,3)	-71.4	49.2	0.0545	-3.6
(0,-3)	90.0	46.2	0.0524	-3.1
(0,-2)	90.0	29.4	0.0435	-1.0
(0,-1)	90.0	14.2	0.0394	-0.02
(0,0)	0.0	0.0	0.0380	0.0
(0,1)	-90.0	14.2	0.0394	-0.02
(0,2)	-90.0	29.4	0.0435	-1.0
(0,3)	-90.0	46.2	0.0524	-3.1
(-1,-3)	108.6	49.2	0.0545	-3.6
(-1,-2)	116.0	33.1	0.0451	-1.3
(-1,-1)	135.0	20.4	0.0406	-0.04
(-1,0)	180.0	14.2	0.0394	-0.02
(-1,1)	-135.0	20.4	0.0406	-0.04
(-1,2)	-116.6	33.1	0.0451	-1.3
(-1,3)	-108.6	49.2	0.0545	-3.6
(-2,-3)	123.7	57.9	0.0588	-5.6
(-2,-2)	135.0	43.2	0.0505	-2.4
(-2,-1)	153.4	33.1	0.0451	-1.3
(-2,0)	180.0	29.4	0.0435	-1.0
(-2,1)	-153.4	33.1	0.0451	-1.3
(-2,2)	-135.0	43.2	0.0505	-2.4
(-2,3)	-123.7	57.9	0.0588	-5.6
(-3,-3)	135.0	69.2	0.0473	-11.9
(-3,-2)	146.3	57.9	0.0588	-5.6
(-3,-1)	161.4	49.2	0.0545	-3.6
(-3,0)	180.0	46.2	0.0524	-3.1
(-3,1)	-161.4	49.2	0.0545	-3.6
(-3,2)	-146.3	57.9	0.0588	-5.6
(-3,3)	-135.0	69.2	0.0473	-11.9