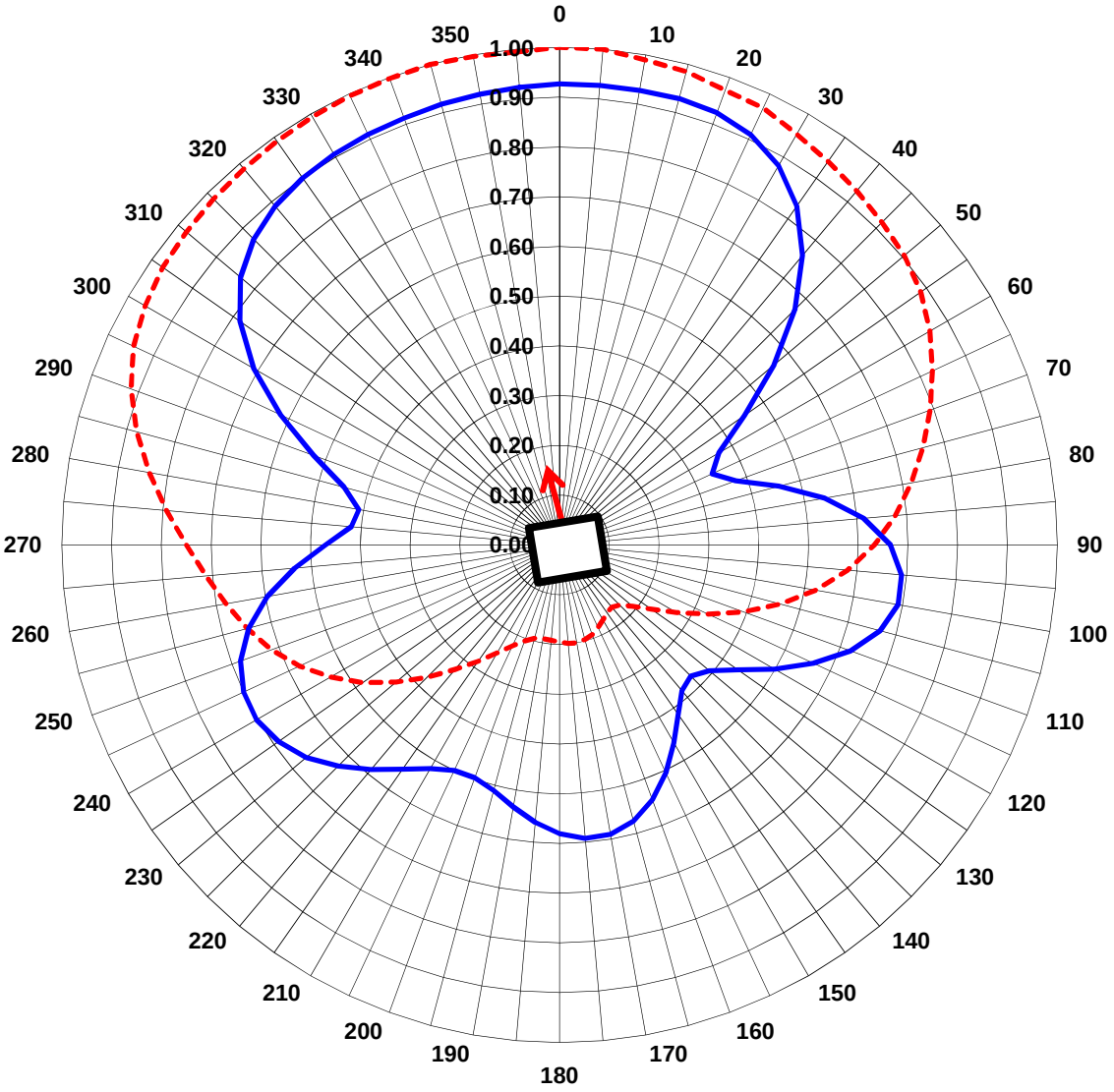
SHIVELY LABS SAMPLE PATTERN



6814 ANTENNA

VERTICAL RMS: 70.74% **HORIZONTAL RMS:** 66.52%

PATTERN NUMBER	6814-004
FREQUENCY:	HIGH BAND
ANTENNA AZIMUTH	348-DEGREES
TOWER	SQUARE 1-METER
MOUNT STYLE	POLE-FACE MT
MOUNT REMARKS	POLE OFF SET FROM FACE
DISTANCE FROM TOWER	CALL SALES

This is a custom mount
Contact Sales for design details & cost
Radomes and Deicers are optional
Pattern studies are optional
Shively Labs recommends anti-rotation brackets
for tower legs under 2-inches

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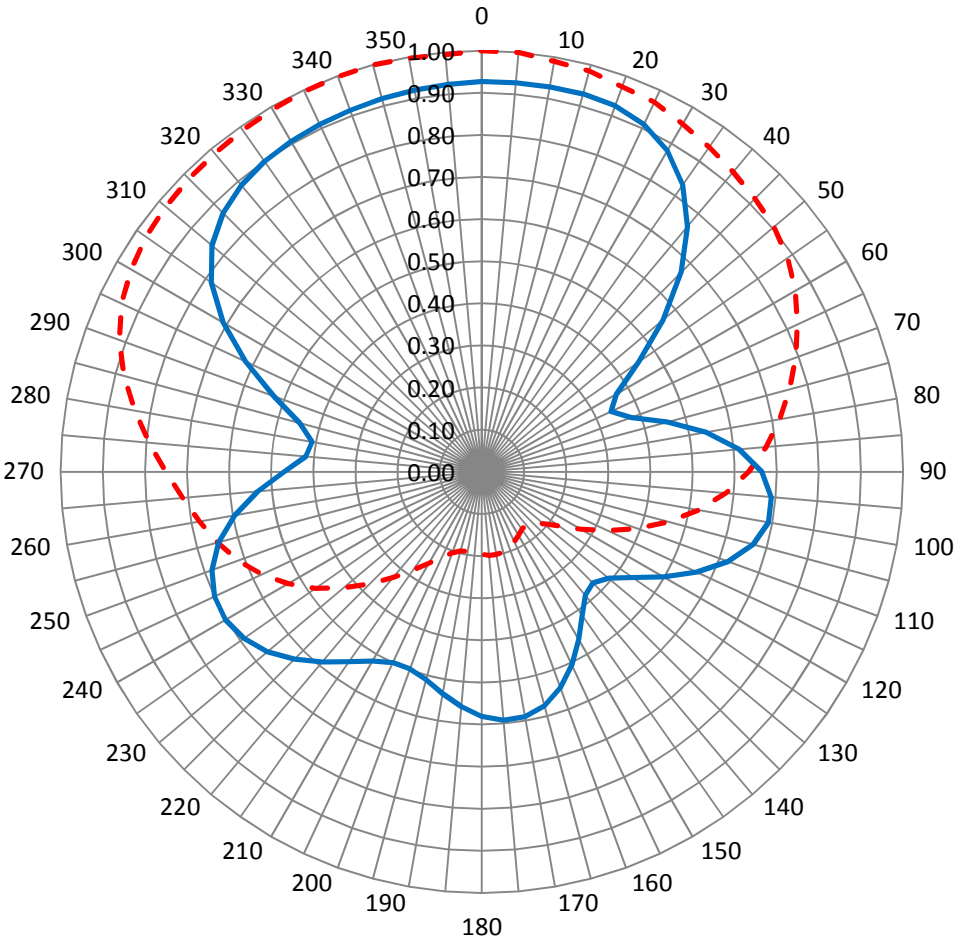
SHIVELY LABS SAMPLE PATTERN



PATTERN NUMBER 6814-004

V-RMS 70.74%
H-RMS 66.52%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	1.00	0.93	90	0.63	0.67	180	0.20	0.58	270	0.75	0.47
5	1.00	0.93	95	0.58	0.69	185	0.19	0.56	275	0.79	0.42
10	0.99	0.93	100	0.52	0.69	190	0.19	0.53	280	0.84	0.41
15	0.99	0.93	105	0.46	0.67	195	0.19	0.51	285	0.88	0.45
20	0.97	0.92	110	0.39	0.62	200	0.21	0.50	290	0.92	0.53
25	0.97	0.91	115	0.33	0.56	205	0.22	0.50	295	0.94	0.62
30	0.95	0.88	120	0.27	0.50	210	0.25	0.52	300	0.96	0.71
35	0.94	0.83	125	0.22	0.44	215	0.29	0.55	305	0.97	0.78
40	0.93	0.76	130	0.19	0.39	220	0.33	0.59	310	0.98	0.84
45	0.92	0.67	135	0.17	0.37	225	0.38	0.63	315	0.98	0.87
50	0.91	0.56	140	0.16	0.38	230	0.43	0.66	320	0.99	0.89
55	0.89	0.45	145	0.17	0.42	235	0.48	0.69	325	0.99	0.90
60	0.86	0.37	150	0.17	0.46	240	0.53	0.70	330	0.99	0.91
65	0.83	0.34	155	0.18	0.51	245	0.58	0.70	335	1.00	0.91
70	0.79	0.38	160	0.19	0.55	250	0.62	0.68	340	1.00	0.91
75	0.76	0.46	165	0.20	0.57	255	0.65	0.65	345	1.00	0.92
80	0.72	0.54	170	0.20	0.59	260	0.68	0.60	350	1.00	0.92
85	0.68	0.61	175	0.20	0.59	265	0.71	0.53	355	0.99	0.92

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