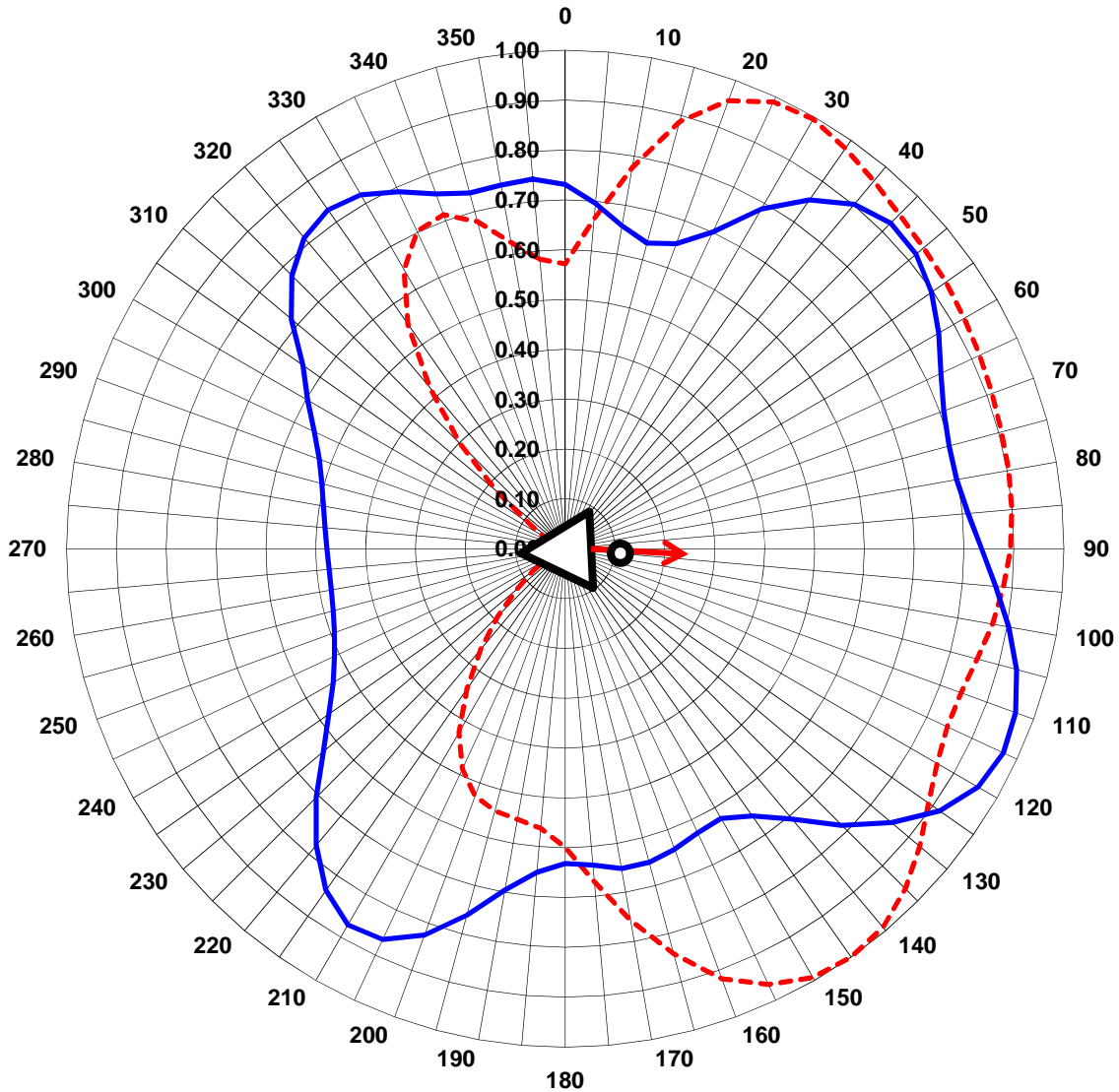


SHIVELY LABS SAMPLE PATTERN



6814 ANTENNA

VERTICAL RMS: 69.05%

HORIZONTAL RMS: 73.91%

PATTERN NUMBER 6814-013
 FREQUENCY: HIGH BAND
 ANTENNA AZIMUTH 97-DEGREES
 TOWER 7-FT FACE
 MOUNT STYLE POLE-FACE MT.
4-IN PIPE MT'D 24-INCHES FROM TOWER FACE
ANTENNA MOUNTED 15-INCHES OFF 4-IN PIPE

This is a custom mount
The 6814 antenna is mounted to a 4-in pipe
off set 24-inches from the tower face.

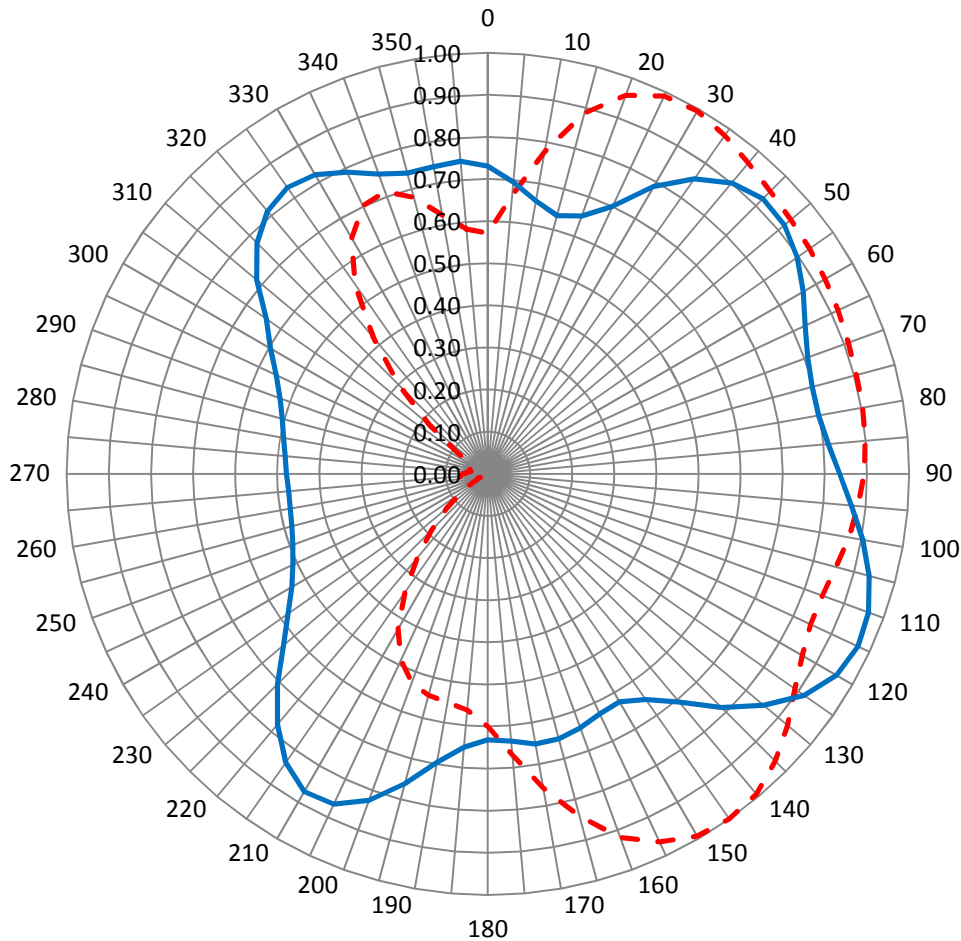
Contact Sales for design details & cost

Radomes and Deicers are optional

Pattern studies are optional

Shively Labs recommends anti-rotation brackets
 for tower legs under 2-inches

SHIVELY LABS SAMPLE PATTERN



PATTERN NUMBER 6814-013

V-RMS 69.05%
H-RMS 73.91%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.57	0.73	90	0.89	0.84	180	0.60	0.63	270	0.06	0.48
5	0.66	0.70	95	0.88	0.87	185	0.56	0.65	275	0.05	0.48
10	0.78	0.66	100	0.87	0.90	190	0.55	0.70	280	0.04	0.49
15	0.89	0.63	105	0.86	0.94	195	0.54	0.76	285	0.04	0.51
20	0.96	0.65	110	0.85	0.96	200	0.53	0.82	290	0.05	0.52
25	0.99	0.70	115	0.85	0.97	205	0.49	0.87	295	0.04	0.55
30	0.99	0.79	120	0.86	0.96	210	0.43	0.87	300	0.05	0.60
35	0.98	0.85	125	0.89	0.92	215	0.34	0.84	305	0.09	0.64
40	0.96	0.90	130	0.93	0.85	220	0.26	0.78	310	0.18	0.72
45	0.95	0.92	135	0.96	0.78	225	0.19	0.71	315	0.30	0.77
50	0.94	0.92	140	0.99	0.71	230	0.13	0.63	320	0.42	0.81
55	0.93	0.90	145	1.00	0.65	235	0.08	0.58	325	0.55	0.83
60	0.92	0.87	150	0.99	0.63	240	0.04	0.54	330	0.65	0.82
65	0.92	0.83	155	0.96	0.63	245	0.02	0.51	335	0.70	0.79
70	0.91	0.81	160	0.92	0.64	250	0.03	0.49	340	0.71	0.76
75	0.91	0.80	165	0.84	0.65	255	0.06	0.48	345	0.68	0.74
80	0.90	0.80	170	0.76	0.65	260	0.07	0.48	350	0.62	0.74
85	0.90	0.81	175	0.67	0.64	265	0.07	0.48	355	0.58	0.74