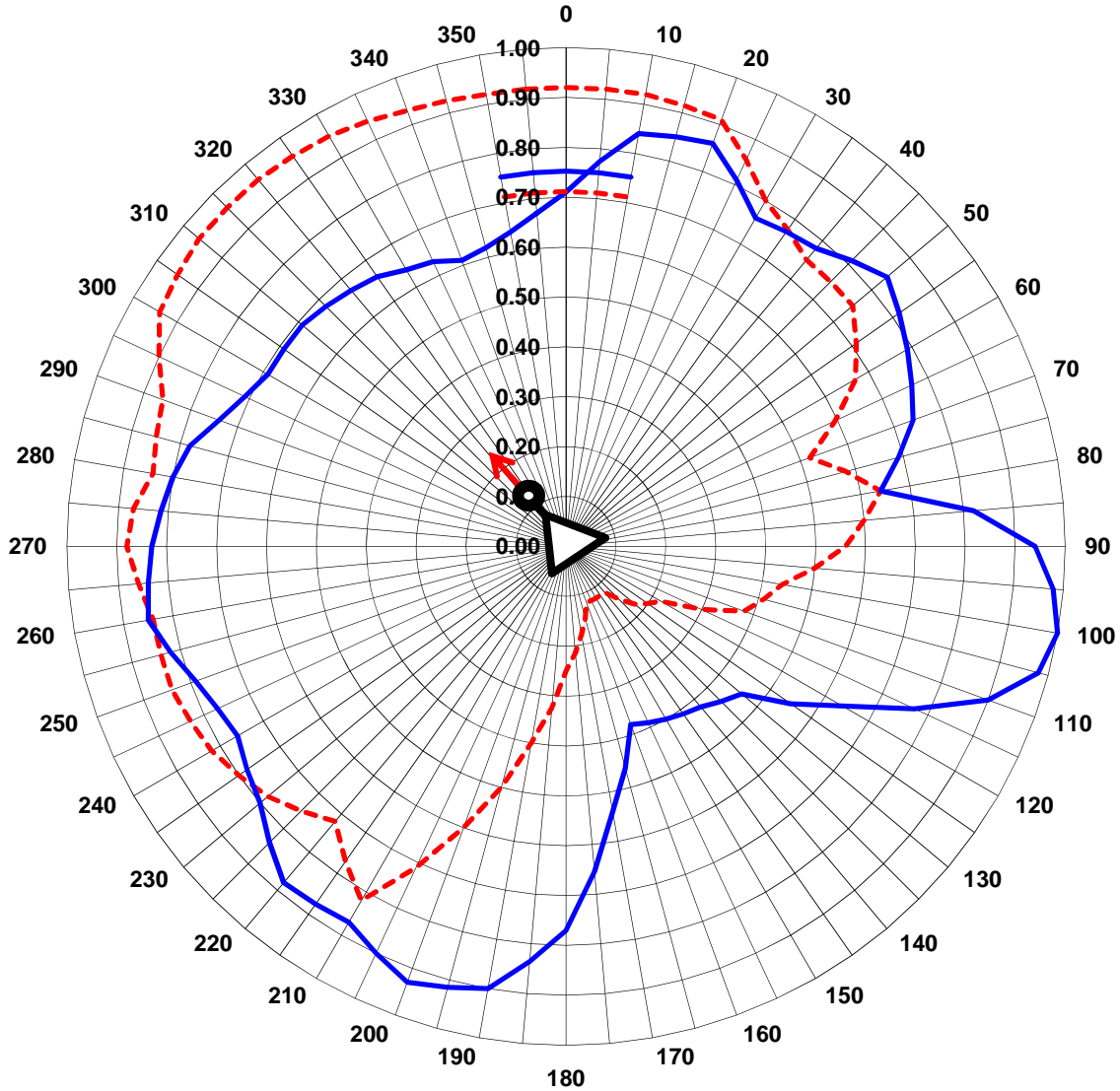


SHIVELY LABS SAMPLE PATTERN



6810 ANTENNA

VERTICAL RMS: 71.15%

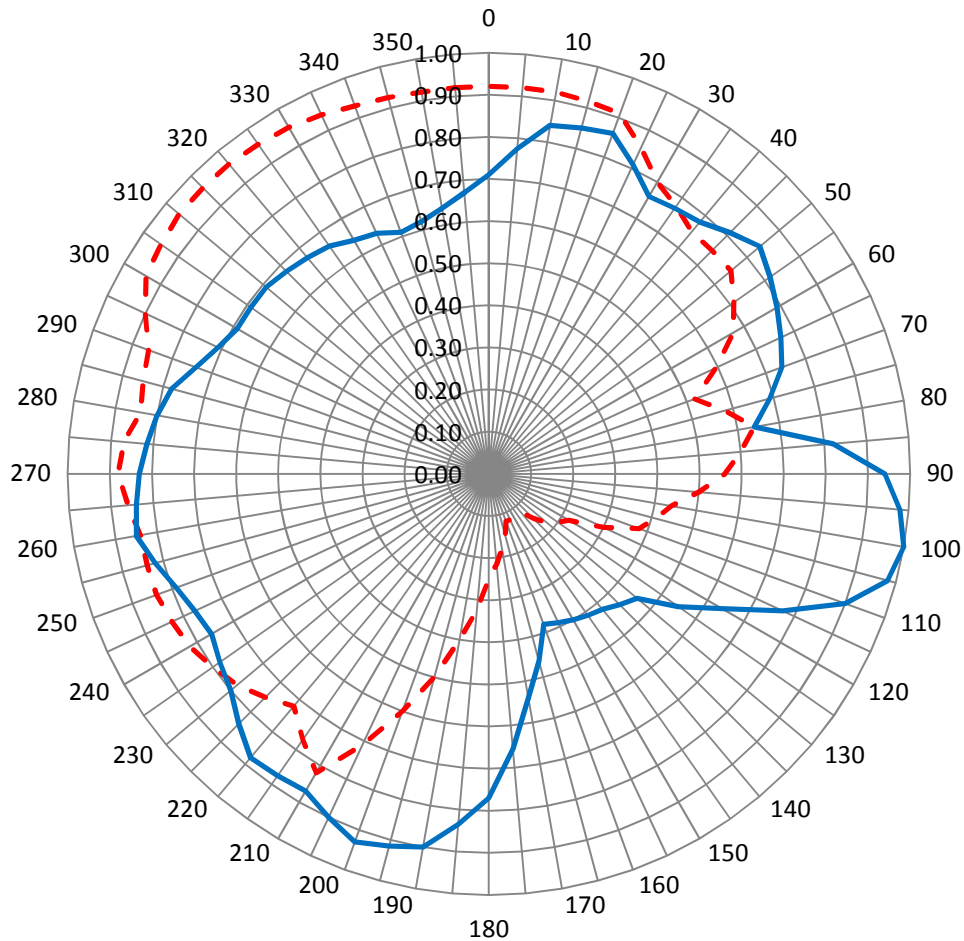
HORIZONTAL RMS: 75.20%

PATTERN NUMBER	6810-033
FREQUENCY:	HIGH BAND
ANTENNA AZIMUTH	320-DEGREES
TOWER	12-FT FACE
MOUNT STYLE	POLE LEG MT.
DISTANCE FROM 4-IN. POLE	28-IN. FROM POLE
MOUNT REMARKS	POLE OFF SET FROM LEG

This is a custom mount
4-IN. POLE MOUNTED 48-INCHES FROM 300-DEGREE LEG

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 6810-033

V-RMS 71.15%
H-RMS 75.20%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.92	0.71	90	0.56	0.94	180	0.25	0.77	270	0.88	0.83
5	0.92	0.78	95	0.50	0.98	185	0.33	0.84	275	0.87	0.82
10	0.92	0.84	100	0.44	1.00	190	0.40	0.90	280	0.84	0.80
15	0.92	0.85	105	0.41	0.98	195	0.50	0.92	285	0.85	0.78
20	0.91	0.86	110	0.38	0.90	200	0.60	0.93	290	0.86	0.74
25	0.86	0.81	115	0.30	0.77	205	0.71	0.90	295	0.90	0.71
30	0.80	0.76	120	0.22	0.64	210	0.82	0.87	300	0.94	0.69
35	0.78	0.77	125	0.20	0.55	215	0.77	0.88	305	0.95	0.69
40	0.75	0.78	130	0.18	0.46	220	0.72	0.88	310	0.96	0.69
45	0.75	0.81	135	0.15	0.44	225	0.75	0.84	315	0.96	0.68
50	0.75	0.84	140	0.12	0.42	230	0.78	0.80	320	0.96	0.67
55	0.71	0.82	145	0.12	0.41	235	0.80	0.78	325	0.96	0.66
60	0.67	0.79	150	0.12	0.40	240	0.82	0.76	330	0.95	0.64
65	0.60	0.77	155	0.12	0.39	245	0.83	0.77	335	0.94	0.63
70	0.52	0.74	160	0.12	0.38	250	0.84	0.79	340	0.93	0.61
75	0.58	0.69	165	0.15	0.46	255	0.84	0.82	345	0.93	0.62
80	0.64	0.64	170	0.18	0.54	260	0.84	0.85	350	0.92	0.64
85	0.60	0.82	175	0.22	0.66	265	0.86	0.84	355	0.92	0.67