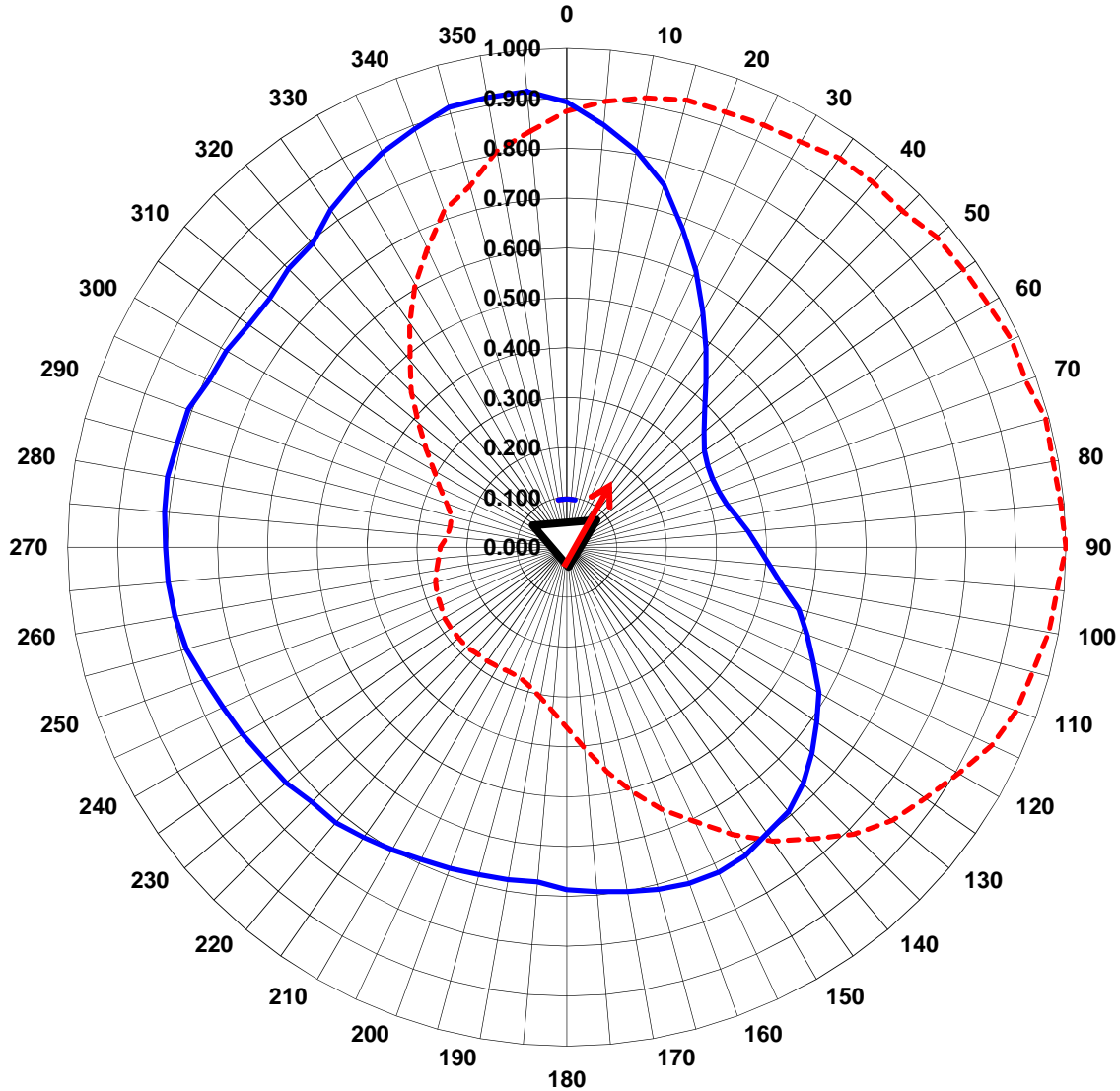


# SHIVELY LABS SAMPLE PATTERN



## 6815 ANTENNA

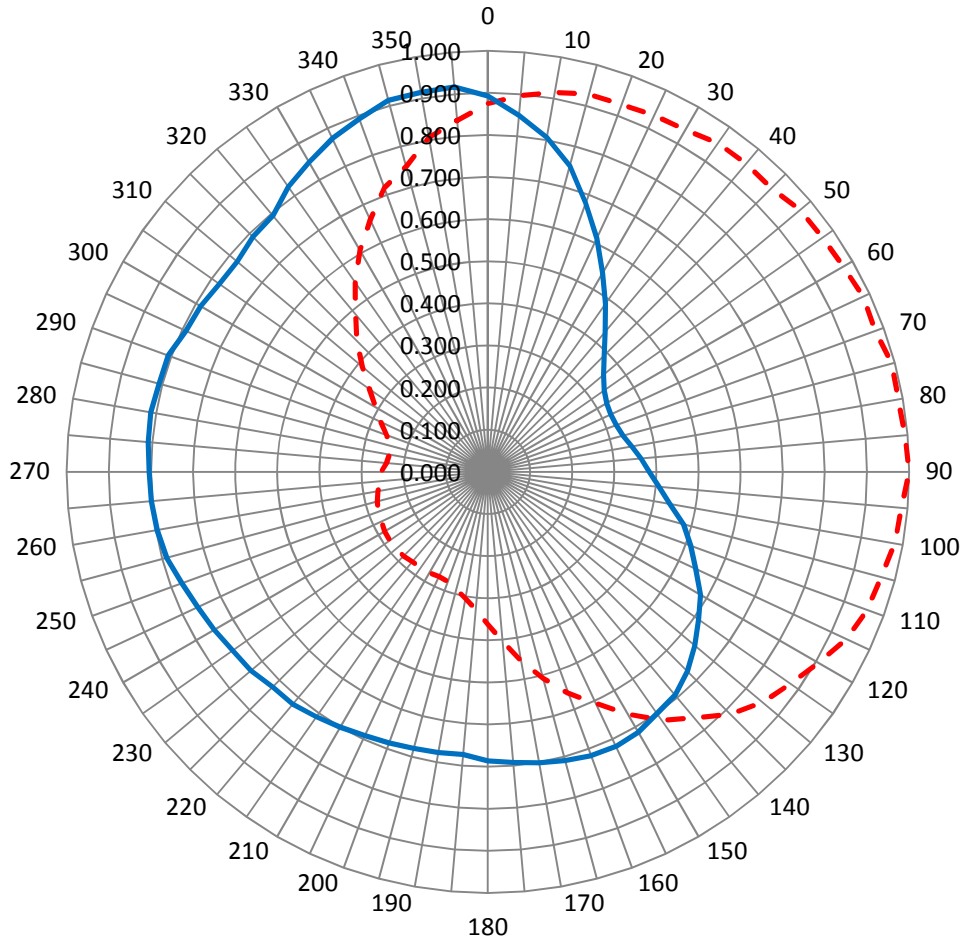
**VERTICAL RMS: 68.73%**

**HORIZONTAL RMS: 68.94%**

PATTERN NUMBER	6815-003
FREQUENCY:	LOW BAND
ANTENNA AZIMUTH	55-DEGREES
TOWER	24-INCH X-BR
MOUNT STYLE	LEG MT
DISTANCE FROM TOWER	STD. MOUNT

Antennas are supplied with standard mounts  
 Standard mounts fit 1.25" to 3.50" OD tower legs  
 or up to a 48-inch face tower  
 Mounts stand off 22.375-inches  
 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 6815-003

**V-RMS** 9.64%  
**H-RMS** 9.65%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.87	0.89	90	1.00	0.38	180	0.36	0.69	270	0.25	0.80
5	0.90	0.85	95	0.99	0.41	185	0.33	0.67	275	0.24	0.81
10	0.91	0.81	100	0.98	0.44	190	0.31	0.68	280	0.24	0.81
15	0.93	0.75	105	0.97	0.48	195	0.29	0.68	285	0.24	0.81
20	0.93	0.68	110	0.96	0.51	200	0.28	0.68	290	0.26	0.81
25	0.93	0.61	115	0.94	0.54	205	0.27	0.69	295	0.28	0.79
30	0.94	0.54	120	0.91	0.58	210	0.28	0.70	300	0.31	0.79
35	0.95	0.49	125	0.88	0.61	215	0.28	0.71	305	0.34	0.78
40	0.95	0.43	130	0.85	0.64	220	0.28	0.72	310	0.39	0.78
45	0.95	0.39	135	0.81	0.67	225	0.28	0.72	315	0.44	0.79
50	0.97	0.36	140	0.76	0.69	230	0.28	0.73	320	0.49	0.79
55	0.97	0.34	145	0.72	0.70	235	0.28	0.74	325	0.55	0.83
60	0.97	0.33	150	0.66	0.71	240	0.28	0.75	330	0.61	0.85
65	0.98	0.32	155	0.61	0.72	245	0.28	0.76	335	0.66	0.87
70	0.98	0.32	160	0.56	0.72	250	0.28	0.77	340	0.72	0.89
75	0.99	0.33	165	0.51	0.71	255	0.27	0.79	345	0.75	0.91
80	0.99	0.35	170	0.46	0.70	260	0.27	0.80	350	0.81	0.92
85	0.99	0.37	175	0.40	0.69	265	0.26	0.80	355	0.84	0.92