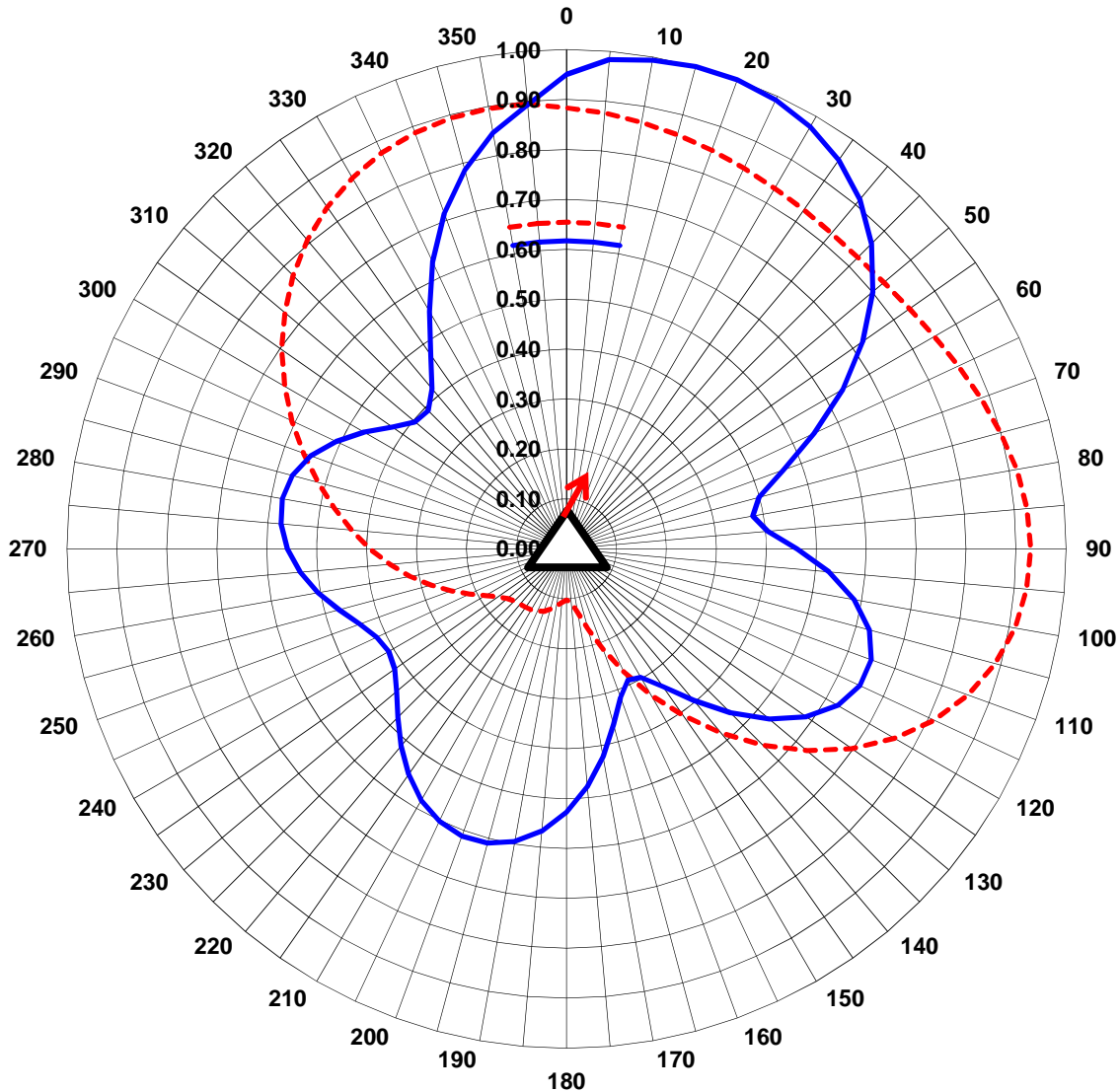


# SHIVELY LABS SAMPLE PATTERN



## 6813 ANTENNA

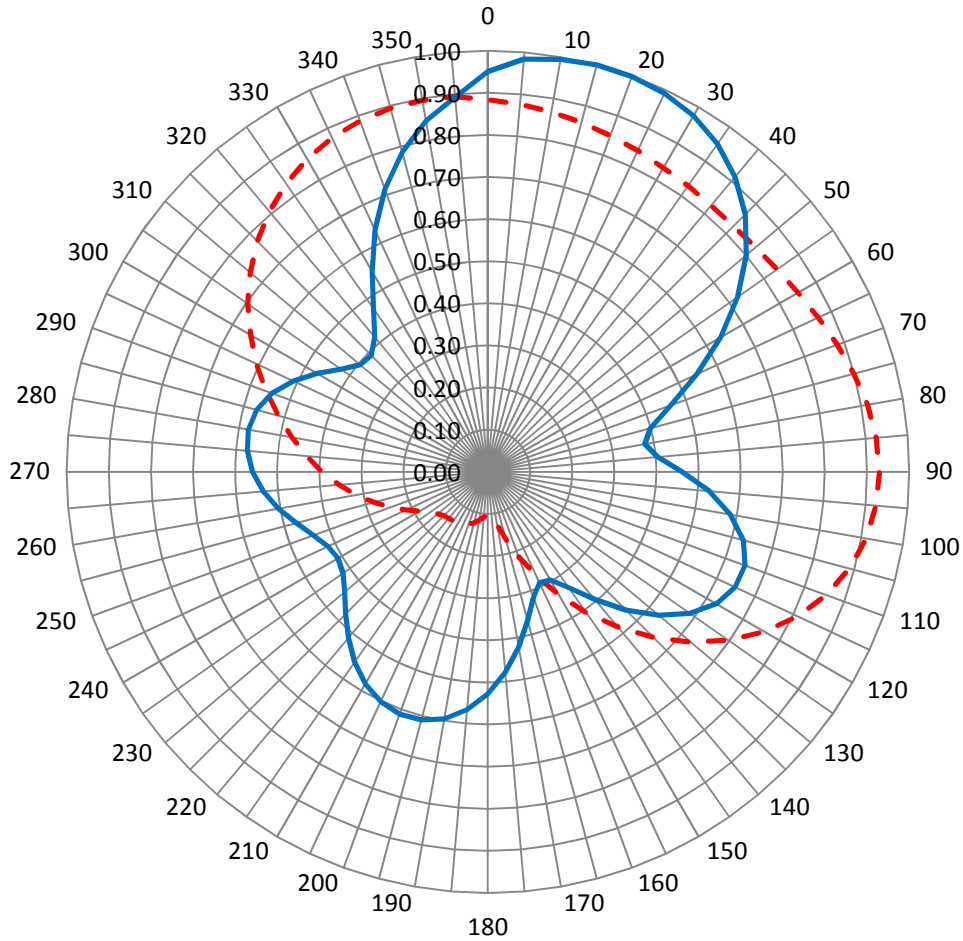
**VERTICAL RMS: 65.42%**

**HORIZONTAL RMS: 61.68%**

PATTERN NUMBER	6813-019
FREQUENCY:	HIGH BAND
ANTENNA AZIMUTH	30-DEGREES
TOWER	WEST TOWER 1-METER
MOUNT STYLE	LEG MOUNT
DISTANCE FROM TOWER	STD. MOUNT
MOUNT REMARKS	MT'S ROTATED 30-D CW

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 17.5-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 6813-019

V-RMS 65.42%  
H-RMS 61.68%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.88	0.95	90	0.93	0.46	180	0.10	0.53	270	0.39	0.56
5	0.88	0.98	95	0.92	0.53	185	0.11	0.57	275	0.43	0.57
10	0.87	0.99	100	0.91	0.58	190	0.12	0.60	280	0.47	0.58
15	0.86	1.00	105	0.89	0.63	195	0.13	0.61	285	0.52	0.57
20	0.85	1.00	110	0.86	0.65	200	0.13	0.61	290	0.56	0.55
25	0.84	0.99	115	0.81	0.65	205	0.14	0.60	295	0.61	0.51
30	0.83	0.98	120	0.76	0.63	210	0.14	0.58	300	0.65	0.47
35	0.83	0.95	125	0.70	0.59	215	0.14	0.55	305	0.70	0.42
40	0.83	0.91	130	0.63	0.53	220	0.14	0.52	310	0.74	0.40
45	0.83	0.86	135	0.56	0.46	225	0.15	0.48	315	0.77	0.39
50	0.83	0.80	140	0.48	0.40	230	0.15	0.44	320	0.81	0.42
55	0.84	0.72	145	0.41	0.34	235	0.17	0.42	325	0.83	0.47
60	0.85	0.64	150	0.34	0.30	240	0.19	0.41	330	0.86	0.55
65	0.87	0.55	155	0.27	0.29	245	0.21	0.42	335	0.88	0.63
70	0.88	0.46	160	0.21	0.32	250	0.25	0.44	340	0.89	0.71
75	0.90	0.40	165	0.17	0.36	255	0.28	0.47	345	0.89	0.79
80	0.92	0.38	170	0.13	0.42	260	0.32	0.51	350	0.90	0.85
85	0.93	0.40	175	0.11	0.48	265	0.35	0.53	355	0.89	0.89