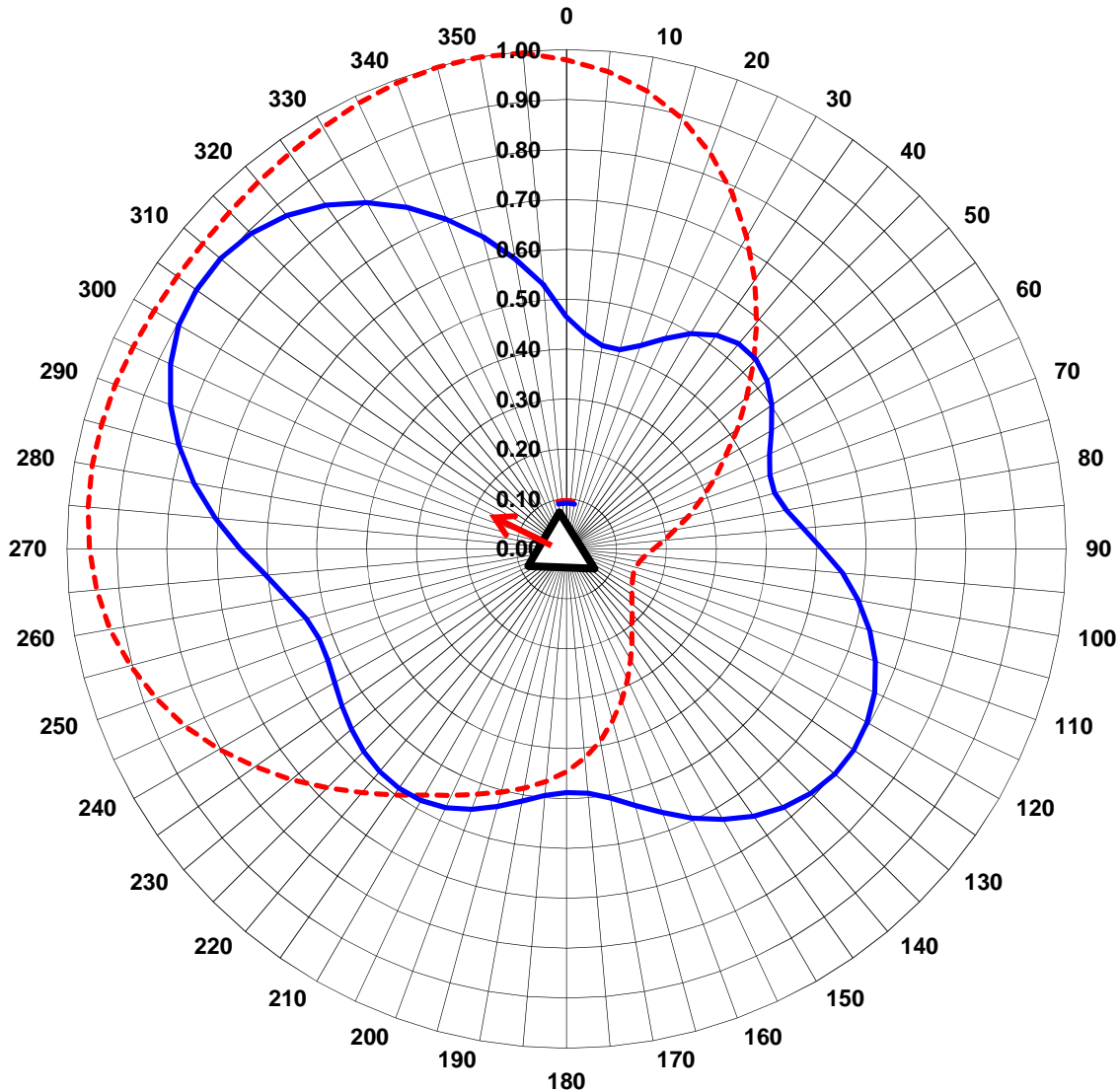


SHIVELY LABS SAMPLE PATTERN



6813 ANTENNA

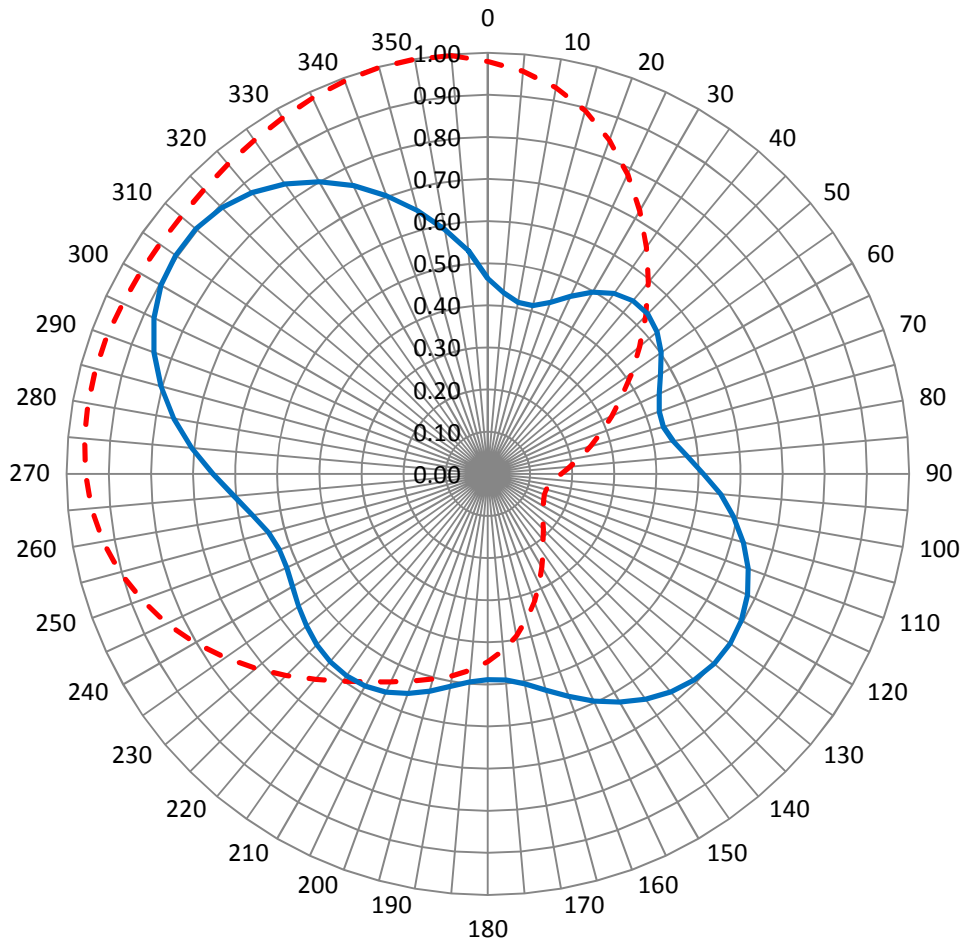
VERTICAL RMS: 68.83%

HORIZONTAL RMS: 61.71%

PATTERN NUMBER	6813-018
FREQUENCY:	LOW BAND
ANTENNA AZIMUTH	300-DEGREES
TOWER	PI-ROD 36
MOUNT STYLE	FACE MOUNT
DISTANCE FROM TOWER	STD. MOUNT XL

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 6813-018

V-RMS 9.64%
H-RMS 9.13%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.98	0.46	90	0.17	0.51	180	0.45	0.49	270	0.96	0.65
5	0.96	0.43	95	0.16	0.55	185	0.47	0.50	275	0.96	0.71
10	0.93	0.41	100	0.15	0.59	190	0.49	0.51	280	0.96	0.76
15	0.89	0.41	105	0.14	0.63	195	0.50	0.53	285	0.96	0.80
20	0.84	0.43	110	0.14	0.66	200	0.52	0.56	290	0.96	0.84
25	0.79	0.46	115	0.15	0.68	205	0.54	0.57	295	0.96	0.87
30	0.72	0.50	120	0.15	0.70	210	0.57	0.58	300	0.95	0.90
35	0.66	0.52	125	0.16	0.70	215	0.60	0.59	305	0.95	0.90
40	0.59	0.54	130	0.17	0.70	220	0.64	0.58	310	0.95	0.90
45	0.53	0.54	135	0.19	0.69	225	0.68	0.57	315	0.95	0.89
50	0.47	0.52	140	0.20	0.68	230	0.72	0.56	320	0.96	0.87
55	0.42	0.50	145	0.23	0.65	235	0.76	0.55	325	0.97	0.84
60	0.37	0.47	150	0.26	0.63	240	0.80	0.54	330	0.98	0.80
65	0.32	0.45	155	0.29	0.60	245	0.84	0.53	335	0.98	0.75
70	0.29	0.43	160	0.32	0.56	250	0.87	0.53	340	0.99	0.70
75	0.25	0.43	165	0.36	0.53	255	0.90	0.54	345	1.00	0.65
80	0.22	0.45	170	0.39	0.51	260	0.93	0.57	350	1.00	0.59
85	0.20	0.48	175	0.42	0.49	265	0.94	0.61	355	1.00	0.53