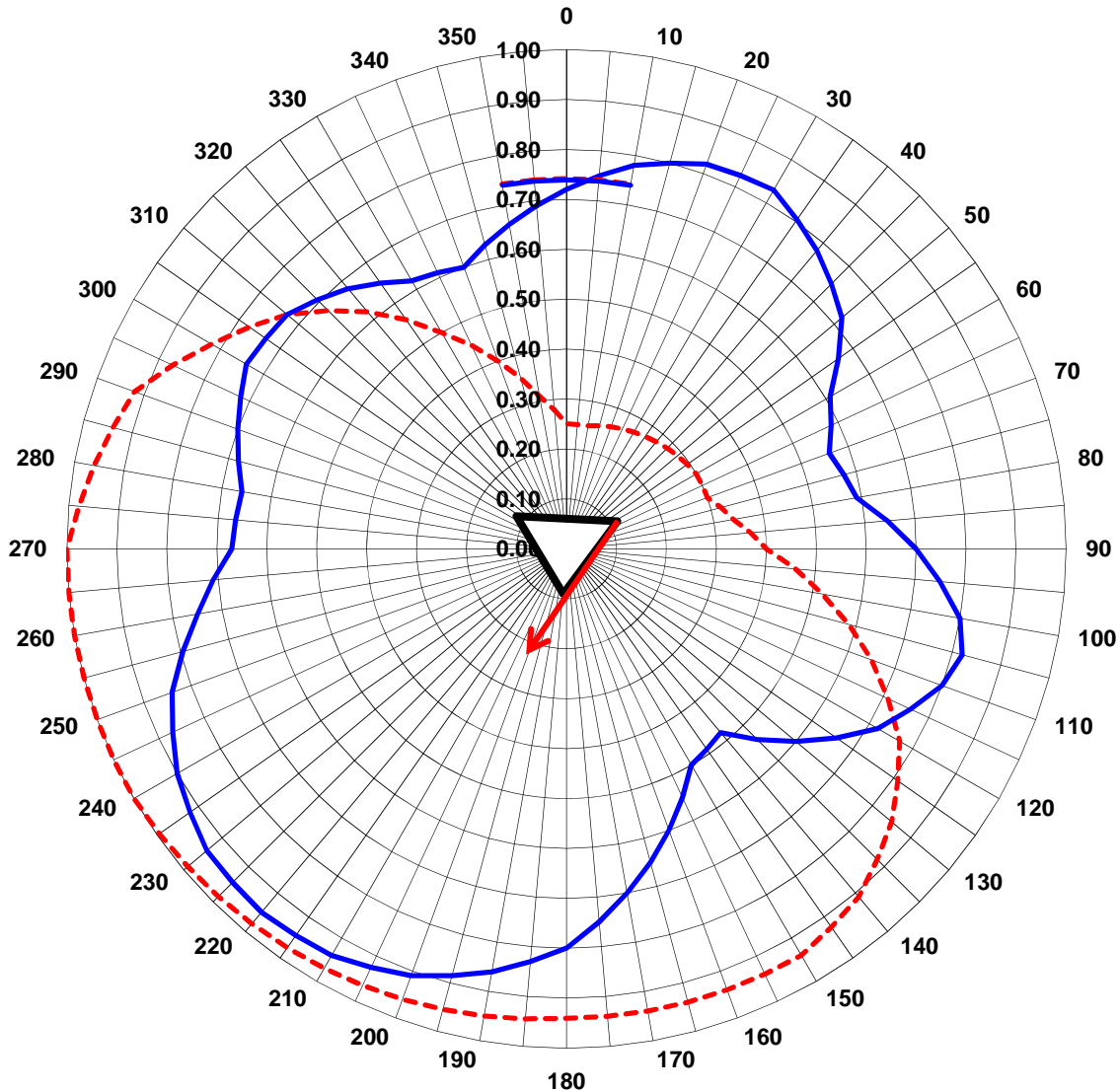


SHIVELY LABS SAMPLE PATTERN



6813 ANTENNA

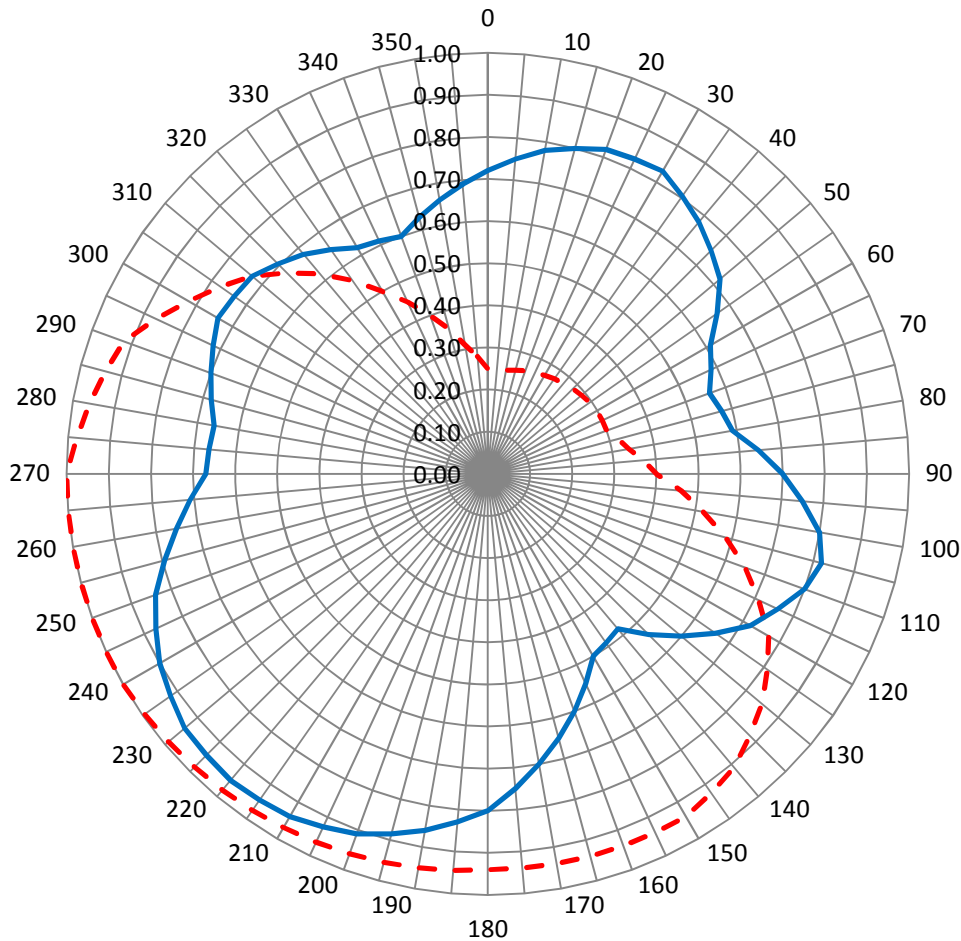
VERTICAL RMS: 74.18%

HORIZONTAL RMS: 73.93%

PATTERN NUMBER	6813-021
FREQUENCY:	HIGH
ANTENNA AZIMUTH	210-DEGREES
TOWER	PI-ROD 18-IN
MOUNT STYLE	PICKUP 2-LEG
DISTANCE FROM TOWER	STD. MOUNT XL
MOUNT REMARKS	N/A

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 6813-021

V-RMS 74.18%
H-RMS 73.93%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.25	0.72	90	0.40	0.70	180	0.94	0.80	270	1.00	0.67
5	0.25	0.75	95	0.46	0.75	185	0.95	0.83	275	0.98	0.67
10	0.25	0.78	100	0.52	0.80	190	0.95	0.86	280	0.96	0.66
15	0.26	0.80	105	0.59	0.82	195	0.96	0.89	285	0.94	0.68
20	0.26	0.82	110	0.65	0.80	200	0.96	0.91	290	0.92	0.70
25	0.27	0.83	115	0.71	0.76	205	0.97	0.93	295	0.87	0.72
30	0.27	0.83	120	0.77	0.72	210	0.97	0.94	300	0.82	0.74
35	0.28	0.81	125	0.81	0.66	215	0.98	0.95	305	0.78	0.74
40	0.28	0.78	130	0.85	0.60	220	0.98	0.95	310	0.73	0.73
45	0.29	0.75	135	0.88	0.54	225	0.99	0.95	315	0.68	0.71
50	0.29	0.72	140	0.91	0.48	230	0.99	0.94	320	0.62	0.68
55	0.30	0.67	145	0.93	0.49	235	1.00	0.92	325	0.56	0.65
60	0.30	0.61	150	0.94	0.50	240	1.00	0.90	330	0.50	0.62
65	0.30	0.59	155	0.94	0.55	245	1.00	0.87	335	0.45	0.61
70	0.30	0.56	160	0.94	0.60	250	1.00	0.84	340	0.40	0.60
75	0.32	0.58	165	0.94	0.65	255	1.00	0.80	345	0.36	0.63
80	0.34	0.59	170	0.94	0.70	260	1.00	0.75	350	0.31	0.66
85	0.37	0.65	175	0.94	0.75	265	1.00	0.71	355	0.28	0.69