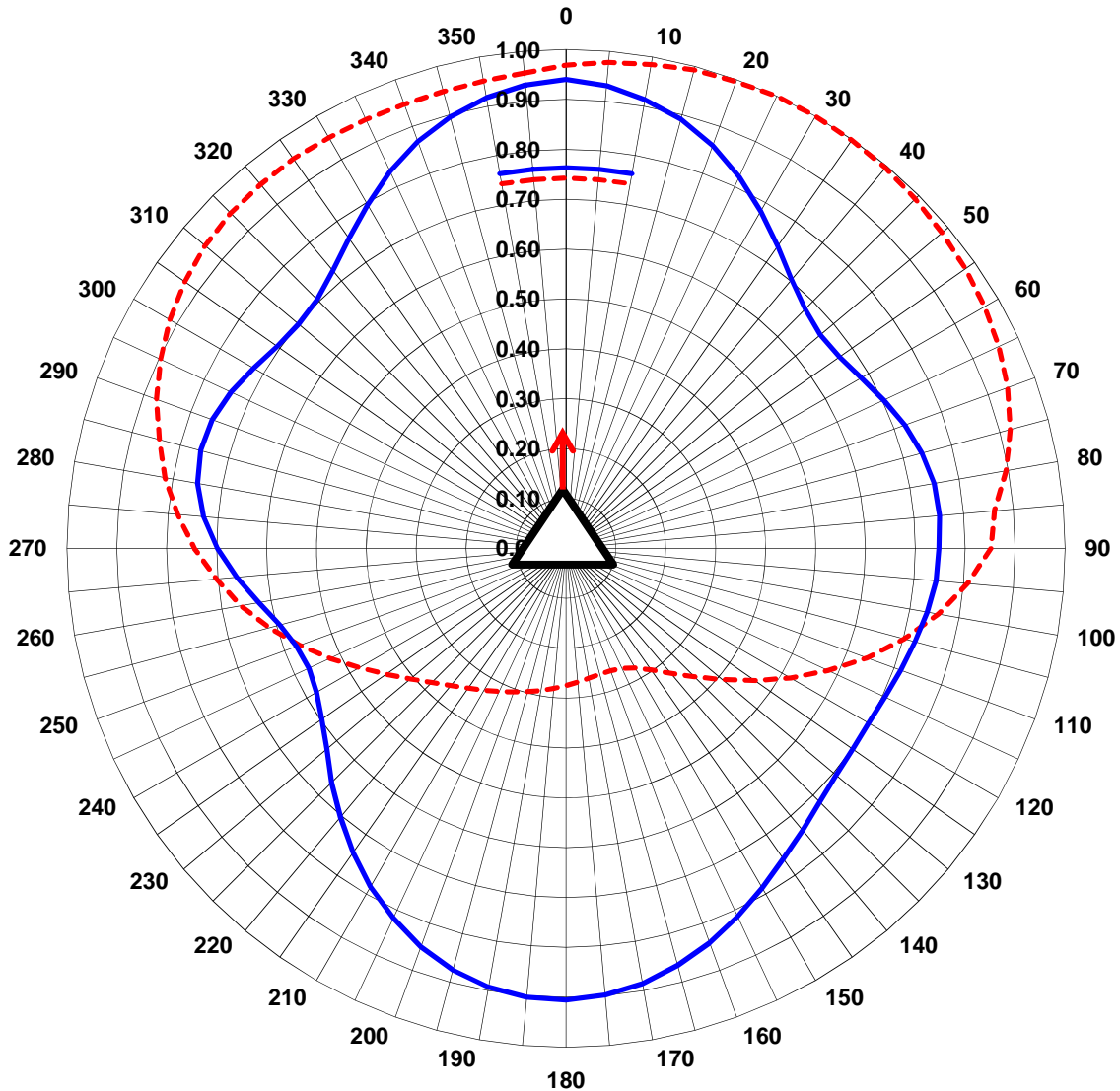


SHIVELY LABS SAMPLE PATTERN



6813 ANTENNA

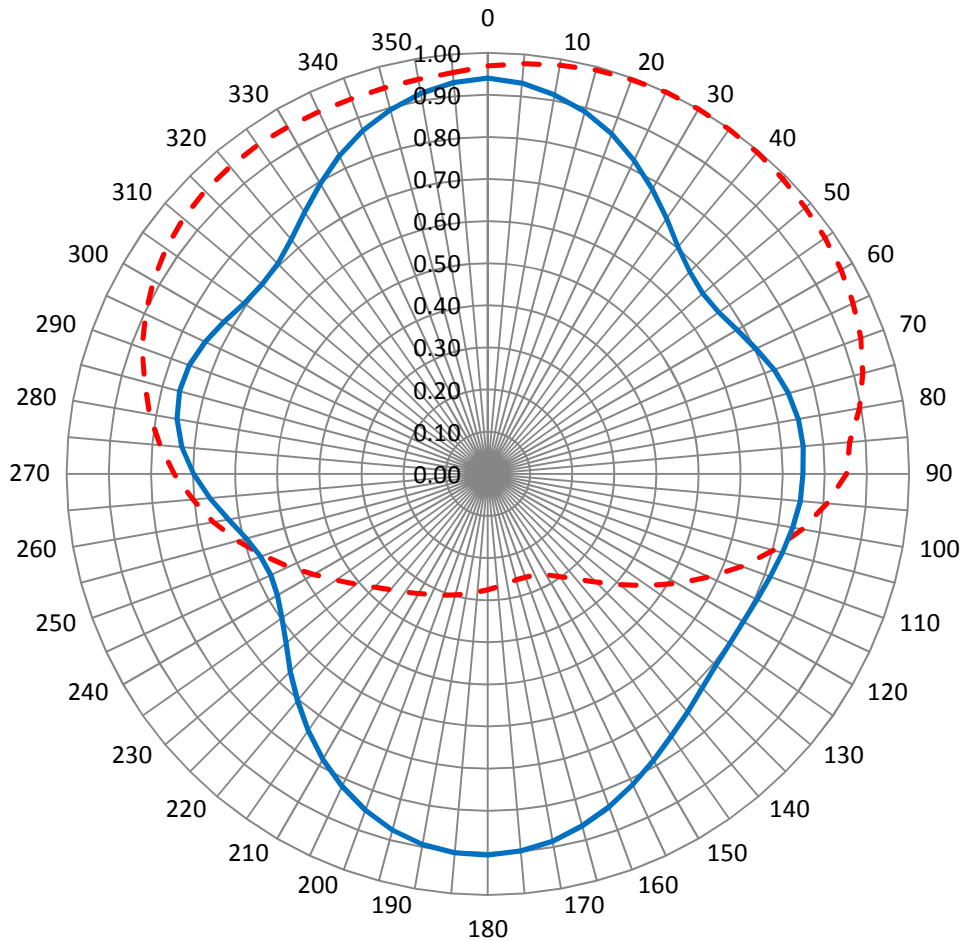
VERTICAL RMS: 74.21%

HORIZONTAL RMS: 76.27%

PATTERN NUMBER	6813-001
FREQUENCY:	MID BAND
ANTENNA AZIMUTH	0-DEGREES
TOWER	18-IN FACE
MOUNT STYLE	LEG MOUNT
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 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 6813-001

V-RMS 74.21%
H-RMS 76.27%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.97	0.94	90	0.85	0.75	180	0.28	0.91	270	0.74	0.70
5	0.98	0.93	95	0.81	0.74	185	0.28	0.90	275	0.78	0.73
10	0.98	0.91	100	0.76	0.74	190	0.29	0.89	280	0.82	0.75
15	0.99	0.89	105	0.70	0.72	195	0.30	0.88	285	0.84	0.76
20	1.00	0.86	110	0.64	0.71	200	0.31	0.85	290	0.87	0.75
25	1.00	0.82	115	0.58	0.71	205	0.32	0.82	295	0.90	0.74
30	1.00	0.78	120	0.52	0.70	210	0.33	0.78	300	0.92	0.72
35	1.00	0.74	125	0.46	0.70	215	0.34	0.74	305	0.93	0.71
40	1.00	0.70	130	0.41	0.71	220	0.36	0.70	310	0.94	0.70
45	0.99	0.68	135	0.36	0.72	225	0.38	0.66	315	0.95	0.71
50	0.98	0.67	140	0.33	0.74	230	0.41	0.63	320	0.95	0.73
55	0.98	0.67	145	0.30	0.76	235	0.44	0.60	325	0.95	0.76
60	0.97	0.68	150	0.28	0.79	240	0.48	0.58	330	0.95	0.80
65	0.96	0.70	155	0.27	0.81	245	0.52	0.57	335	0.95	0.83
70	0.94	0.72	160	0.26	0.84	250	0.57	0.57	340	0.95	0.87
75	0.92	0.74	165	0.26	0.87	255	0.62	0.59	345	0.95	0.90
80	0.90	0.75	170	0.26	0.89	260	0.66	0.63	350	0.95	0.92
85	0.86	0.75	175	0.27	0.90	265	0.70	0.66	355	0.96	0.93