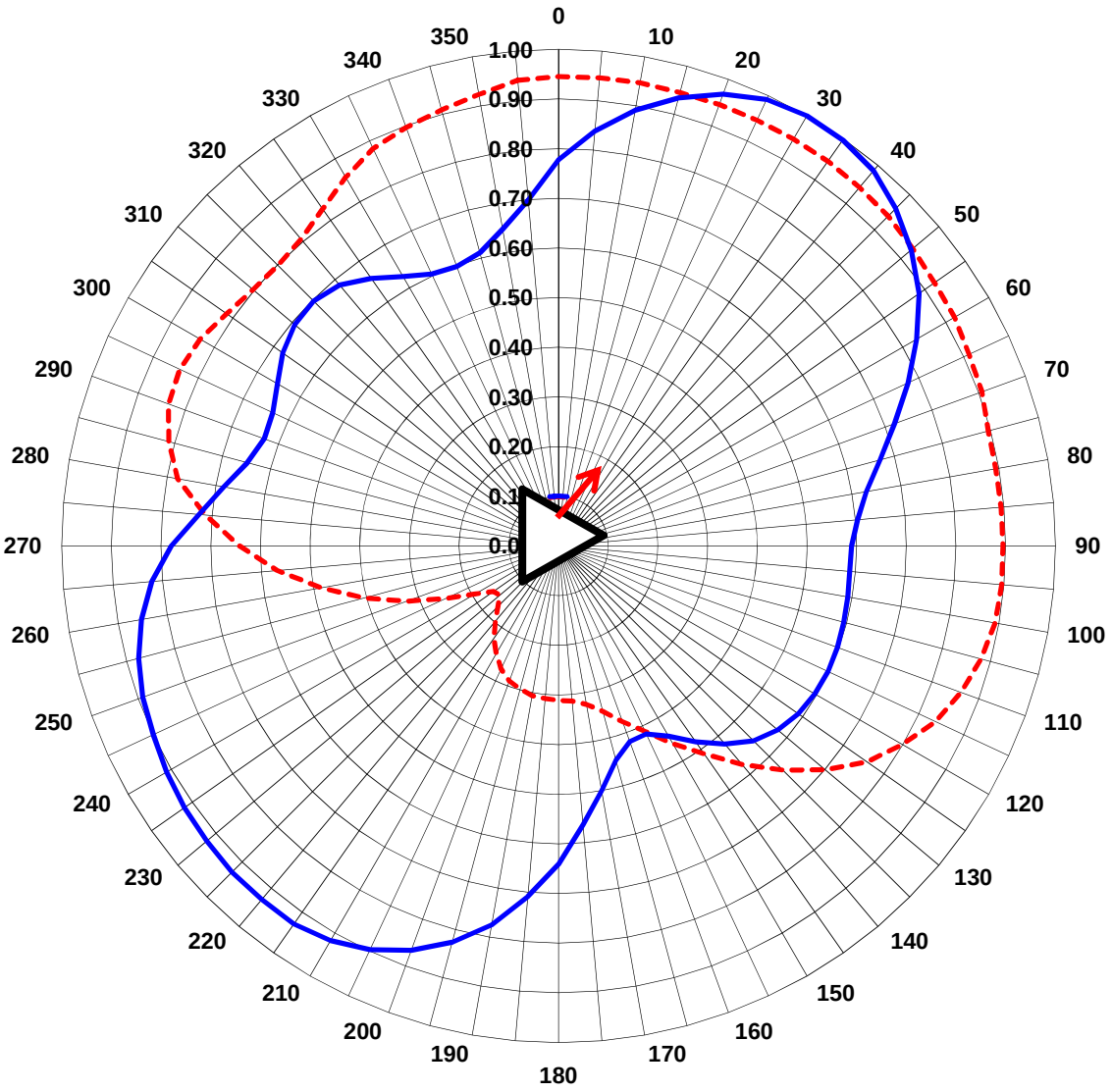
SHIVELY LABS SAMPLE PATTERN



6813 ANTENNA

VERTICAL RMS: 72.52%

HORIZONTAL RMS: 74.71%

PATTERN NUMBER	6813-005
FREQUENCY:	MID BAND
ANTENNA AZIMUTH	30-DEGREES
TOWER	J CROW 24
MOUNT STYLE	FACE MT.
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

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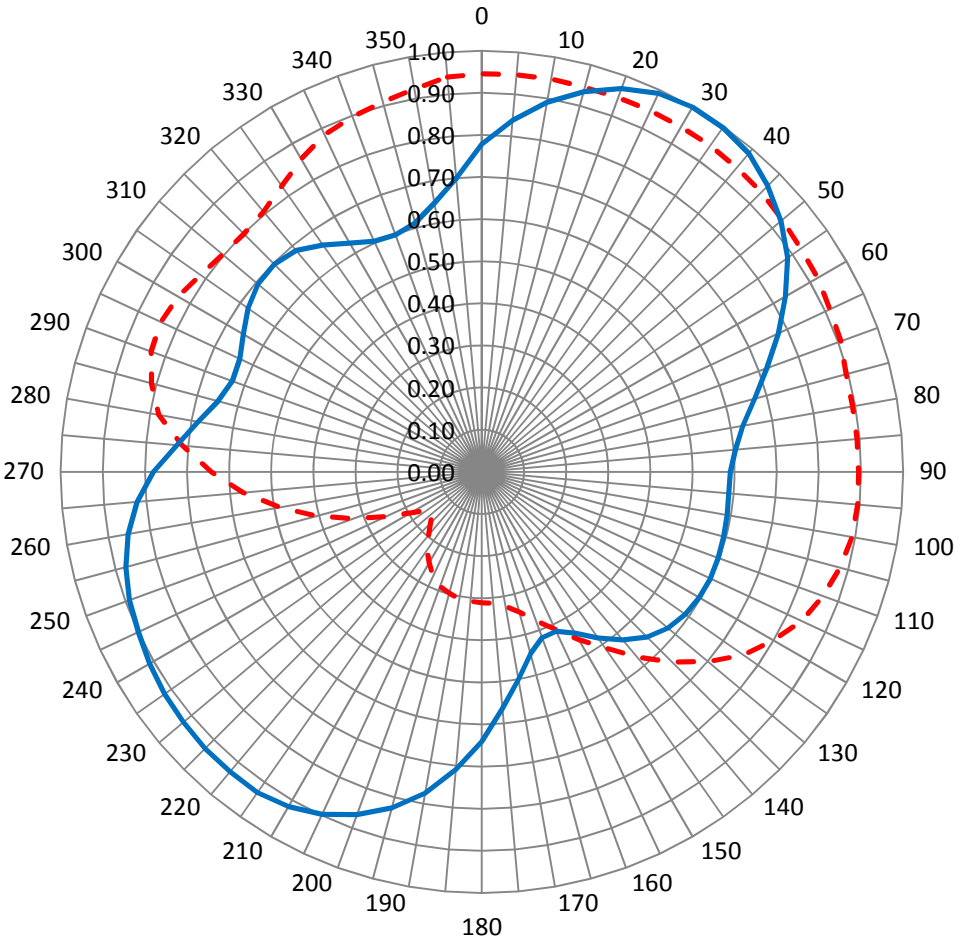
SHIVELY LABS SAMPLE PATTERN



PATTERN NUMBER 6813-005

V-RMS 72.52%
H-RMS 74.71%

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.95	0.78	90	0.89	0.59	180	0.31	0.64	270	0.64	0.78
5	0.95	0.84	95	0.90	0.59	185	0.31	0.71	275	0.71	0.73
10	0.95	0.89	100	0.89	0.59	190	0.31	0.77	280	0.78	0.68
15	0.95	0.93	105	0.88	0.59	195	0.30	0.83	285	0.81	0.65
20	0.95	0.97	110	0.86	0.60	200	0.29	0.87	290	0.84	0.63
25	0.95	0.99	115	0.84	0.60	205	0.27	0.90	295	0.84	0.63
30	0.95	1.00	120	0.80	0.60	210	0.25	0.92	300	0.83	0.65
35	0.95	1.00	125	0.76	0.59	215	0.23	0.93	305	0.82	0.68
40	0.94	0.99	130	0.70	0.58	220	0.20	0.93	310	0.80	0.69
45	0.94	0.96	135	0.64	0.55	225	0.17	0.93	315	0.80	0.70
50	0.93	0.93	140	0.57	0.52	230	0.15	0.92	320	0.81	0.69
55	0.92	0.89	145	0.51	0.48	235	0.16	0.92	325	0.83	0.66
60	0.92	0.83	150	0.46	0.44	240	0.19	0.91	330	0.86	0.63
65	0.91	0.78	155	0.41	0.42	245	0.25	0.90	335	0.88	0.60
70	0.91	0.72	160	0.38	0.42	250	0.33	0.89	340	0.90	0.60
75	0.90	0.67	165	0.34	0.45	255	0.40	0.87	345	0.91	0.61
80	0.89	0.63	170	0.32	0.50	260	0.49	0.85	350	0.92	0.65
85	0.89	0.60	175	0.31	0.56	265	0.57	0.82	355	0.94	0.70

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