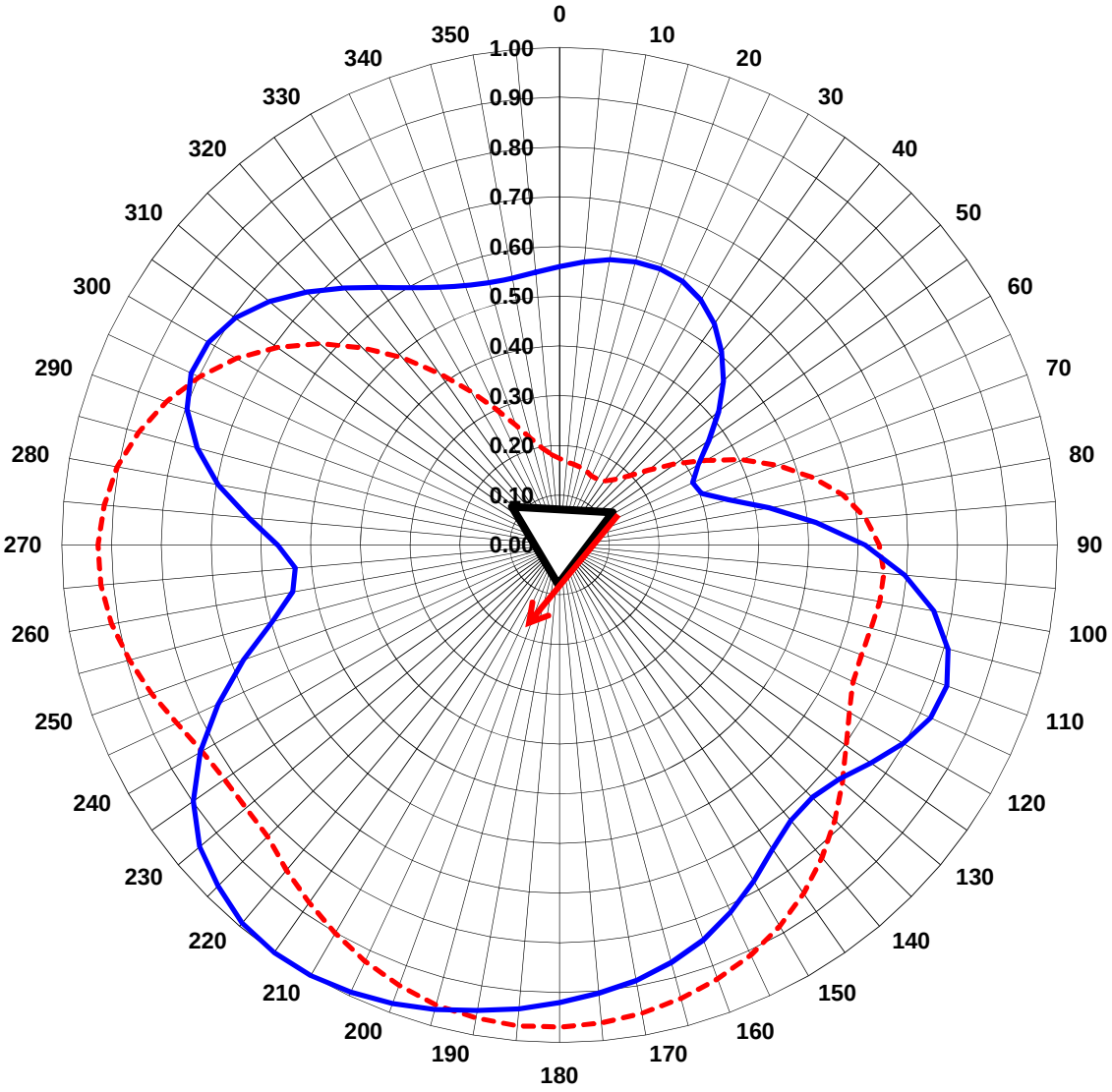
SHIVELY LABS SAMPLE PATTERN



6810 ANTENNA

VERTICAL RMS: 69.56% **HORIZONTAL RMS:** 72.10%

PATTERN NUMBER	6810-002
FREQUENCY:	HIGH BAND
ANTENNA AZIMUTH	210-DEGREES
TOWER	PI-ROD 36
MOUNT STYLE	PKUP 2-LEG
MOUNT REMARKS	N/A
DISTANCE FROM TOWER	30.375

This is a custom mount
Contact Sales for design details & cost
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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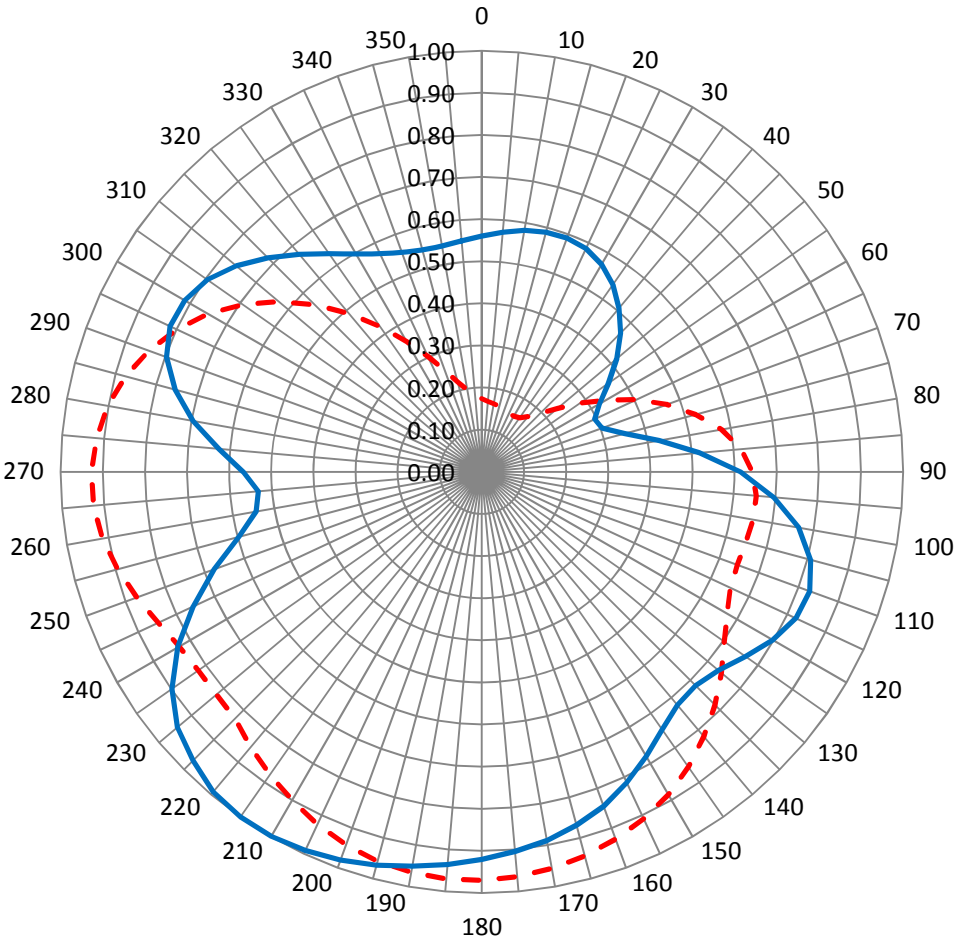
SHIVELY LABS SAMPLE PATTERN



PATTERN NUMBER **6810-002**

V-RMS **69.56%**
H-RMS **72.10%**

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.17	0.56	90	0.64	0.61	180	0.97	0.92	270	0.93	0.57
5	0.17	0.57	95	0.65	0.70	185	0.97	0.94	275	0.92	0.63
10	0.16	0.58	100	0.65	0.76	190	0.97	0.95	280	0.90	0.70
15	0.16	0.59	105	0.65	0.81	195	0.96	0.97	285	0.88	0.75
20	0.16	0.59	110	0.65	0.83	200	0.94	0.98	290	0.84	0.80
25	0.15	0.58	115	0.65	0.82	205	0.92	0.99	295	0.80	0.82
30	0.15	0.57	120	0.67	0.80	210	0.90	1.00	300	0.75	0.81
35	0.16	0.54	125	0.70	0.76	215	0.88	1.00	305	0.69	0.80
40	0.17	0.51	130	0.74	0.73	220	0.85	0.99	310	0.63	0.76
45	0.20	0.47	135	0.78	0.72	225	0.83	0.97	315	0.56	0.72
50	0.23	0.42	140	0.82	0.72	230	0.82	0.94	320	0.49	0.67
55	0.28	0.37	145	0.86	0.75	235	0.82	0.90	325	0.42	0.63
60	0.34	0.32	150	0.89	0.78	240	0.83	0.83	330	0.36	0.60
65	0.41	0.30	155	0.91	0.81	245	0.85	0.76	335	0.30	0.57
70	0.47	0.30	160	0.93	0.85	250	0.87	0.68	340	0.26	0.55
75	0.53	0.35	165	0.94	0.87	255	0.89	0.60	345	0.22	0.55
80	0.58	0.43	170	0.96	0.89	260	0.91	0.54	350	0.20	0.54
85	0.62	0.52	175	0.96	0.90	265	0.93	0.53	355	0.18	0.55

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