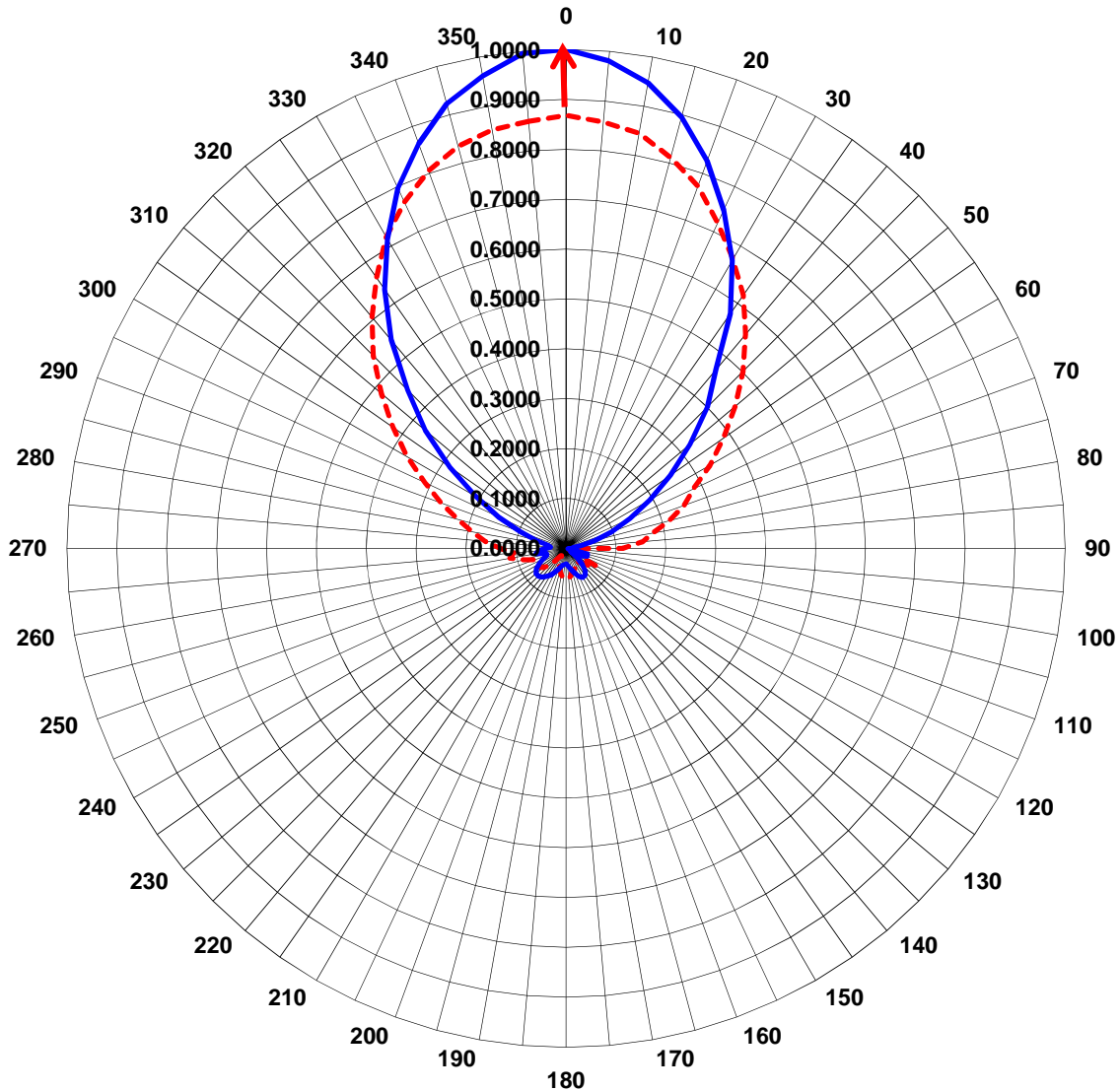


# SHIVELY LABS SAMPLE PATTERN



## 2 - 6025 LOG PERIODIC ANTENNAS SPECIAL SETUP DEEP NULL

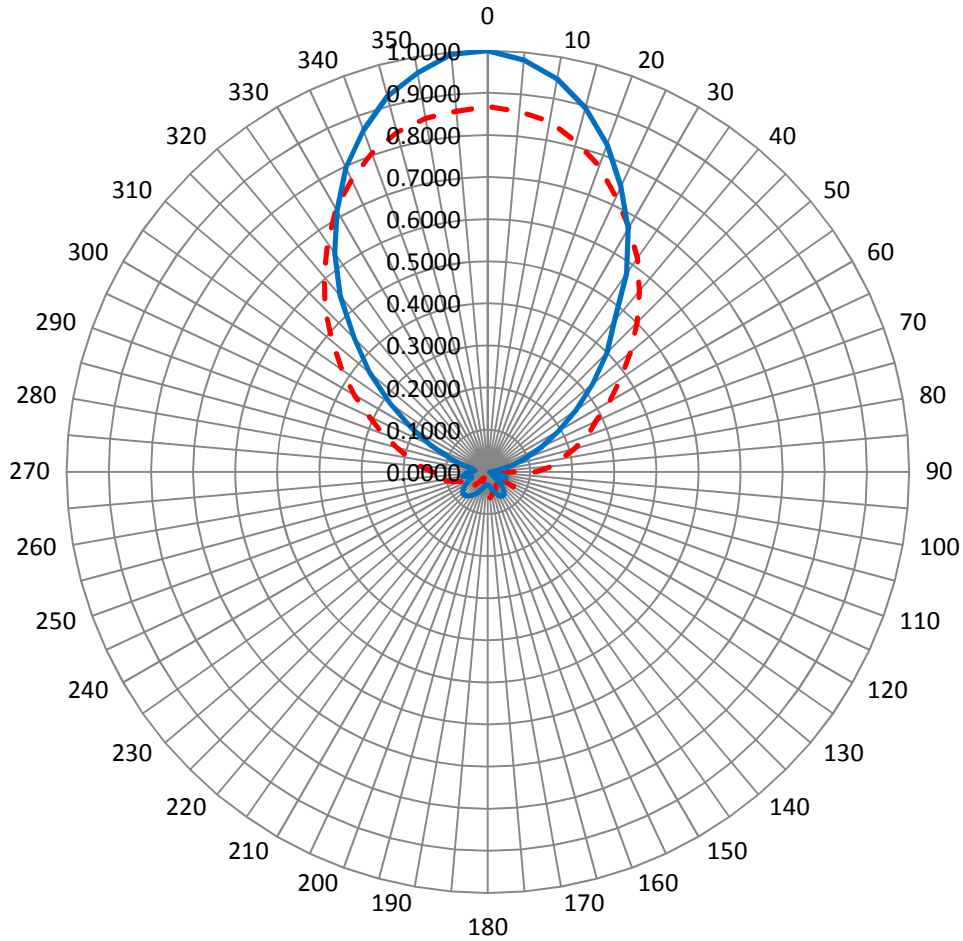
**VERTICAL RMS: 40.90%**

**HORIZONTAL RMS: 41.25%**

PATTERN NUMBER	6025-011
FREQUENCY:	Broad band
ANTENNA AZIMUTH	0-Degrees
TOWER	N/A
MOUNT STYLE	SPECIAL SET UP

2 - 6025 'S ROTATED TO 52-DEGREES  
1 - WAVE LENGTH APART VERTICALLY  
2-WAY EQUAL POWER SPLIT  
BOTTOM 6025 (-90 DEGREES OF PHASING)  
CALCULATED TO FREQUENCY  
BOTTOM 6025 1/4 WAVE LENGTH OUT FURTHER

# SHIVELY LABS SAMPLE PATTERN



**PATTERN NUMBER 6025-011**

**V-RMS 40.90%**  
**H-RMS 41.25%**

DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ	DEGREE	VERT	HORZ
0	0.87	1.00	90	0.11	0.01	180	0.06	0.03	270	0.13	0.04
5	0.86	0.98	95	0.01	0.01	185	0.06	0.03	275	0.16	0.03
10	0.84	0.95	100	0.01	0.00	190	0.05	0.03	280	0.19	0.04
15	0.81	0.90	105	0.01	0.04	195	0.05	0.04	285	0.22	0.06
20	0.77	0.83	110	0.01	0.05	200	0.04	0.04	290	0.27	0.10
25	0.72	0.75	115	0.01	0.04	205	0.03	0.05	295	0.31	0.15
30	0.67	0.67	120	0.07	0.02	210	0.02	0.06	300	0.37	0.21
35	0.62	0.57	125	0.06	0.01	215	0.02	0.07	305	0.42	0.28
40	0.56	0.47	130	0.05	0.03	220	0.03	0.07	310	0.48	0.37
45	0.50	0.40	135	0.04	0.05	225	0.05	0.08	315	0.55	0.45
50	0.44	0.32	140	0.03	0.06	230	0.06	0.08	320	0.60	0.55
55	0.39	0.26	145	0.03	0.07	235	0.06	0.07	325	0.66	0.63
60	0.33	0.19	150	0.04	0.07	240	0.06	0.06	330	0.72	0.72
65	0.28	0.14	155	0.04	0.06	245	0.06	0.05	335	0.77	0.80
70	0.25	0.10	160	0.05	0.05	250	0.07	0.04	340	0.81	0.86
75	0.21	0.06	165	0.05	0.05	255	0.09	0.04	345	0.83	0.92
80	0.18	0.03	170	0.06	0.04	260	0.11	0.06	350	0.85	0.96
85	0.15	0.01	175	0.06	0.03	265	0.10	0.05	355	0.86	1.00