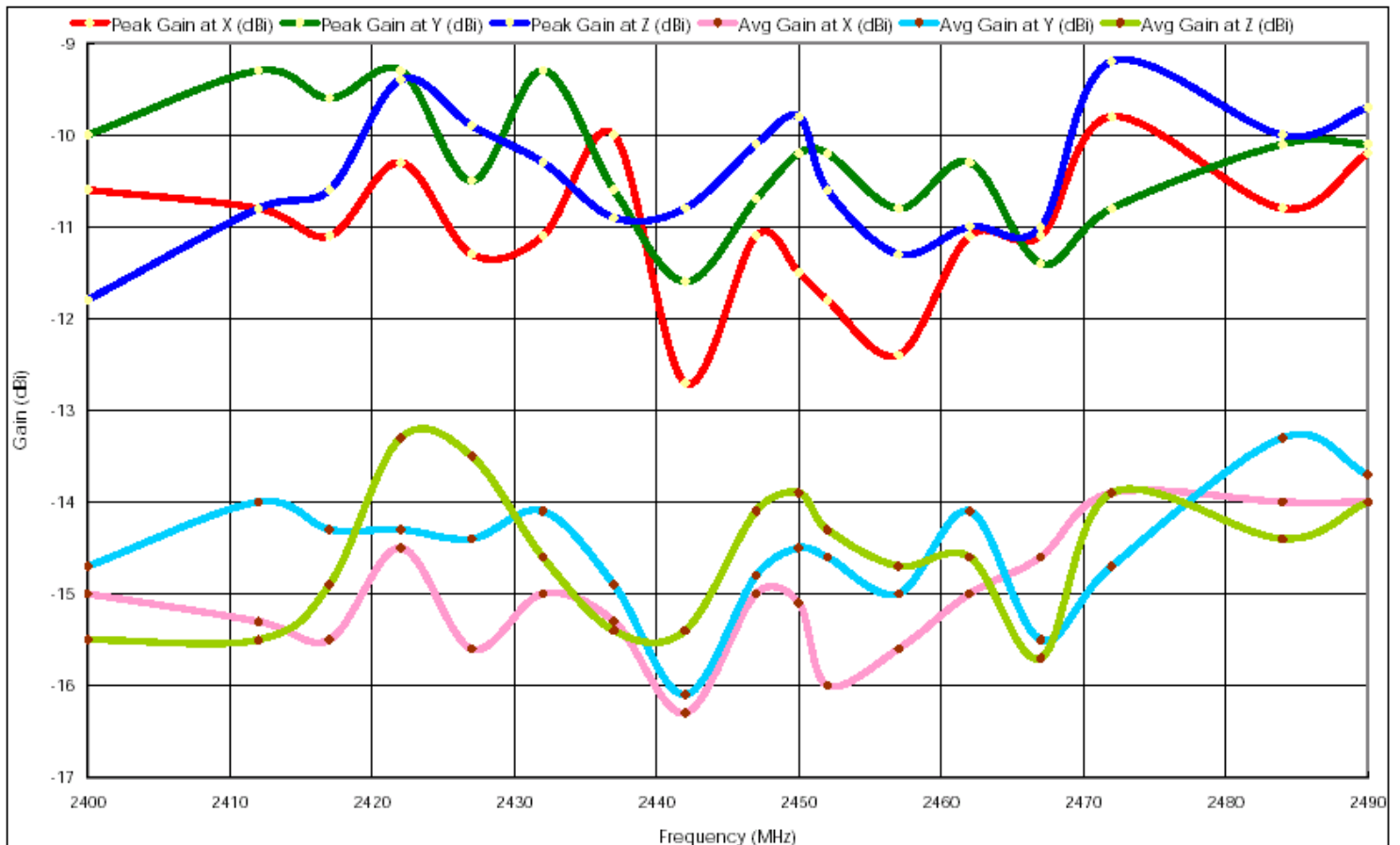
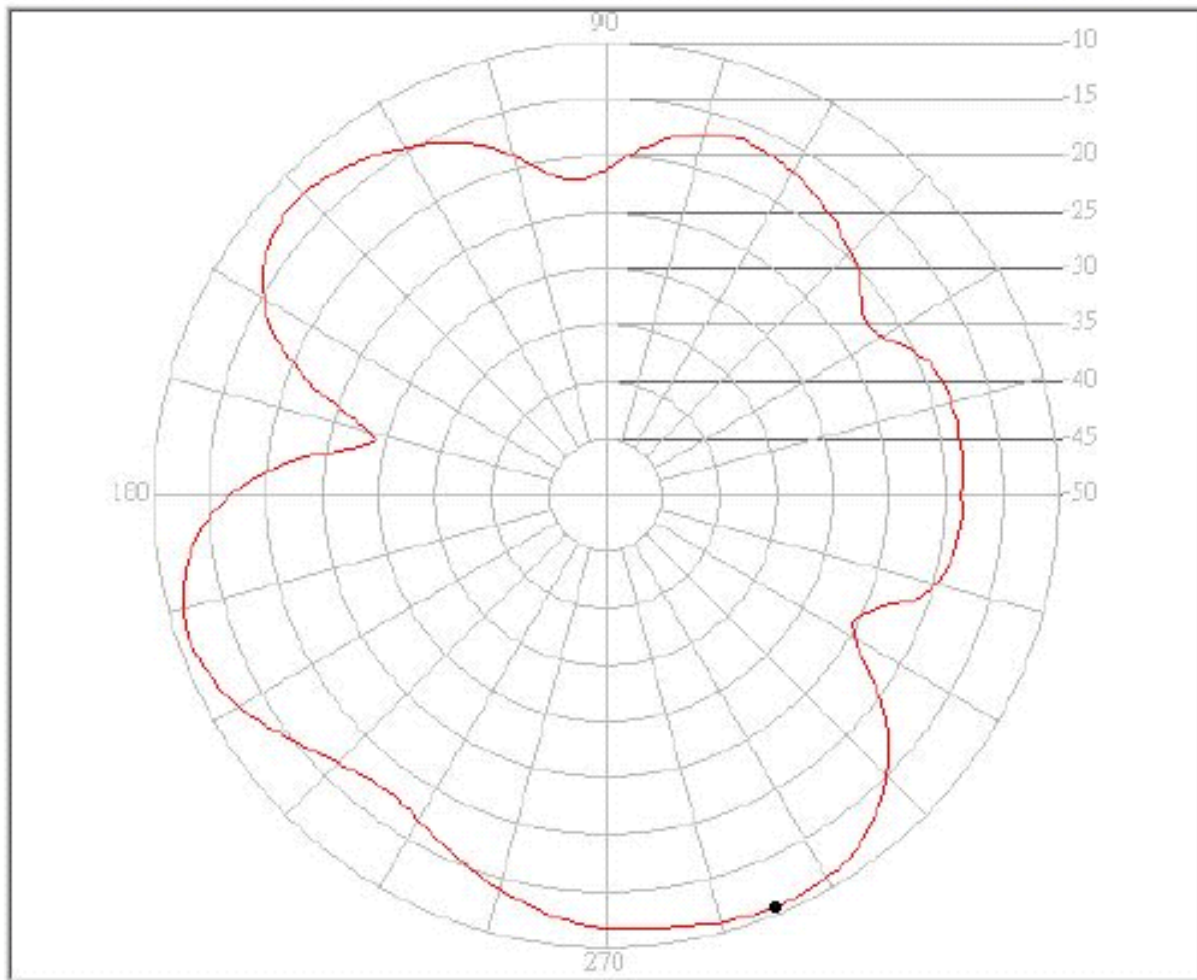


Frequency (MHz)	Peak Gain at X (dBi)	Peak Gain at Y (dBi)	Peak Gain at Z (dBi)	Avg Gain at X (dBi)	Avg Gain at Y (dBi)	Avg Gain at Z (dBi)
2400	-10.60	-10.00	-11.80	-15.00	-14.70	-15.50
2412	-10.80	-9.30	-10.80	-15.30	-14.00	-15.50
2417	-11.10	-9.60	-10.60	-15.50	-14.30	-14.90
2422	-10.30	-9.30	-9.40	-14.50	-14.30	-13.30
2427	-11.30	-10.50	-9.90	-15.60	-14.40	-13.50
2432	-11.10	-9.30	-10.30	-15.00	-14.10	-14.60
2437	-10.00	-10.60	-10.90	-15.30	-14.90	-15.40
2442	-12.70	-11.60	-10.80	-16.30	-16.10	-15.40
2447	-11.10	-10.70	-10.10	-15.00	-14.80	-14.10
2450	-11.50	-10.20	-9.80	-15.10	-14.50	-13.90
2452	-11.80	-10.20	-10.60	-16.00	-14.60	-14.30
2457	-12.40	-10.80	-11.30	-15.60	-15.00	-14.70
2462	-11.10	-10.30	-11.00	-15.00	-14.10	-14.60
2467	-11.10	-11.40	-11.00	-14.60	-15.50	-15.70
2472	-9.80	-10.80	-9.20	-13.90	-14.70	-13.90
2484	-10.80	-10.10	-10.00	-14.00	-13.30	-14.40
2490	-10.20	-10.10	-9.70	-14.00	-13.70	-14.00



Antenna Pattern Measurement

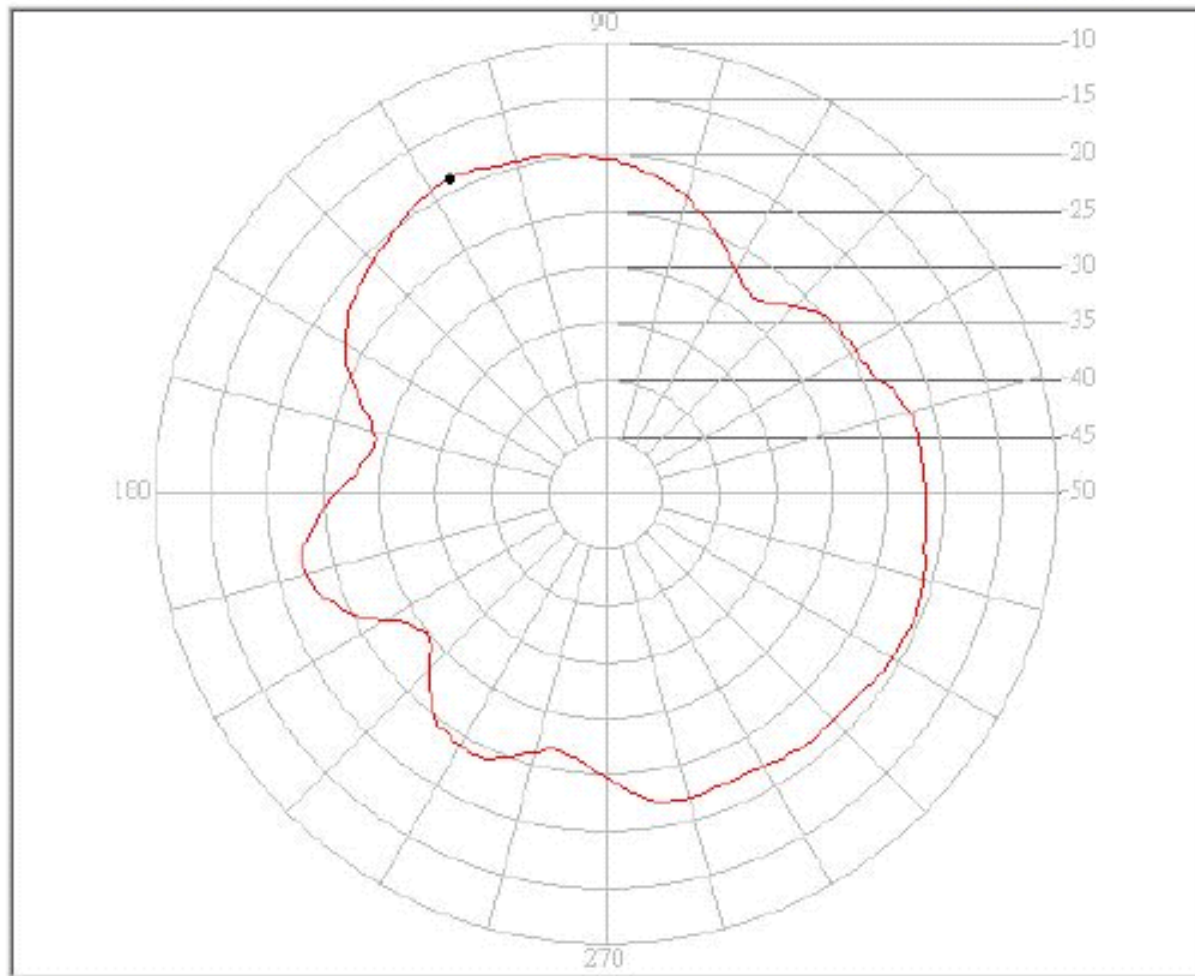
Training Research Co.
 No 2, Lane 570, Sec. 1, Balan Rd.,
 Sahln City, Tehran County, Tehran
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Toposed	x	2400	Horizontal	-10.68	-15.10	292.20	2004/1/15

Antenna Pattern Measurement

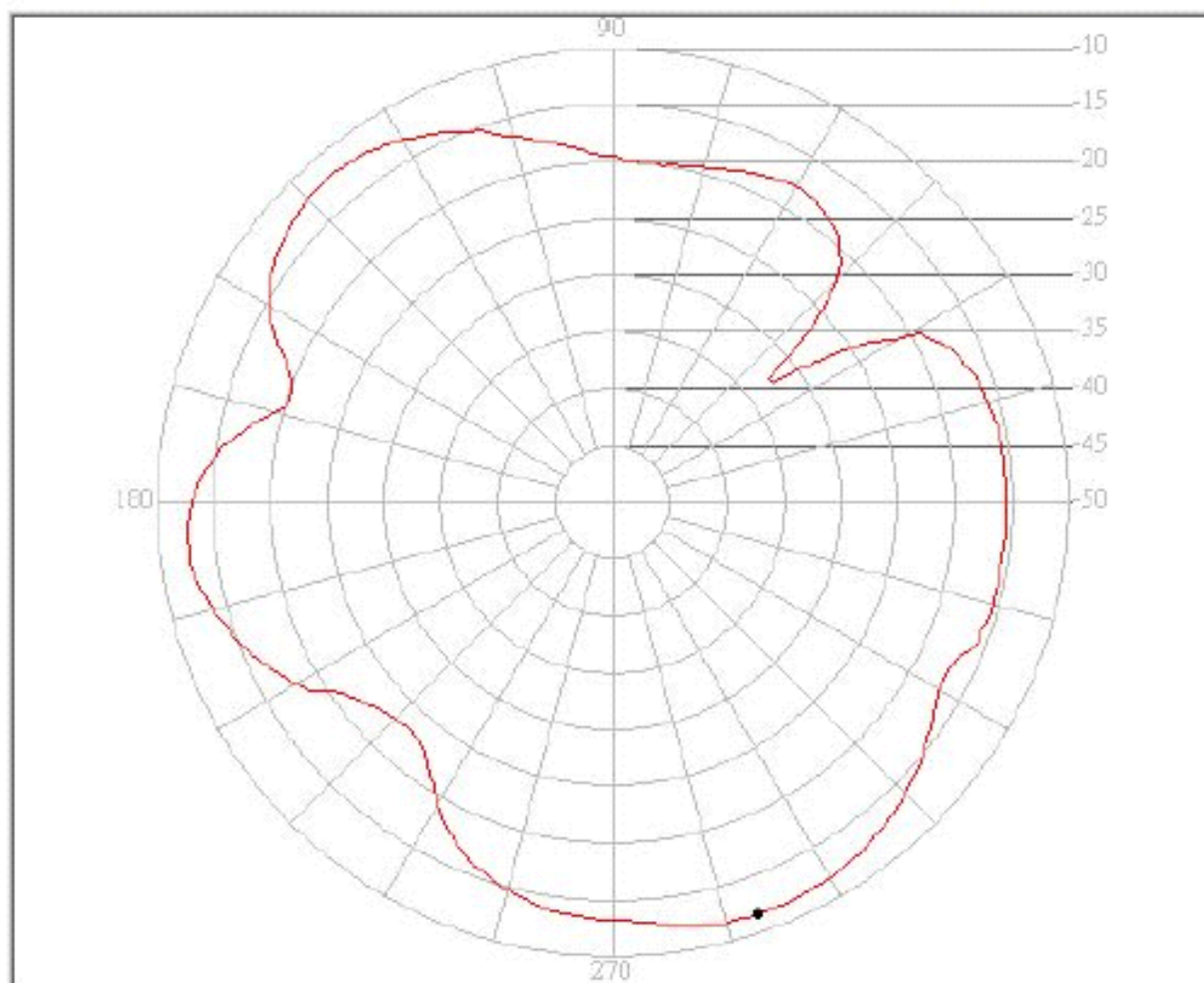
Training Research Co.
 No.2, Lane 570, Sec. 1, Balian Rd.,
 Sijhih City, Taipei County, Taiwan
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq.(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	x	2400	Vertical	18.83	22.66	116.23	2004/1/15

Antenna Pattern Measurement

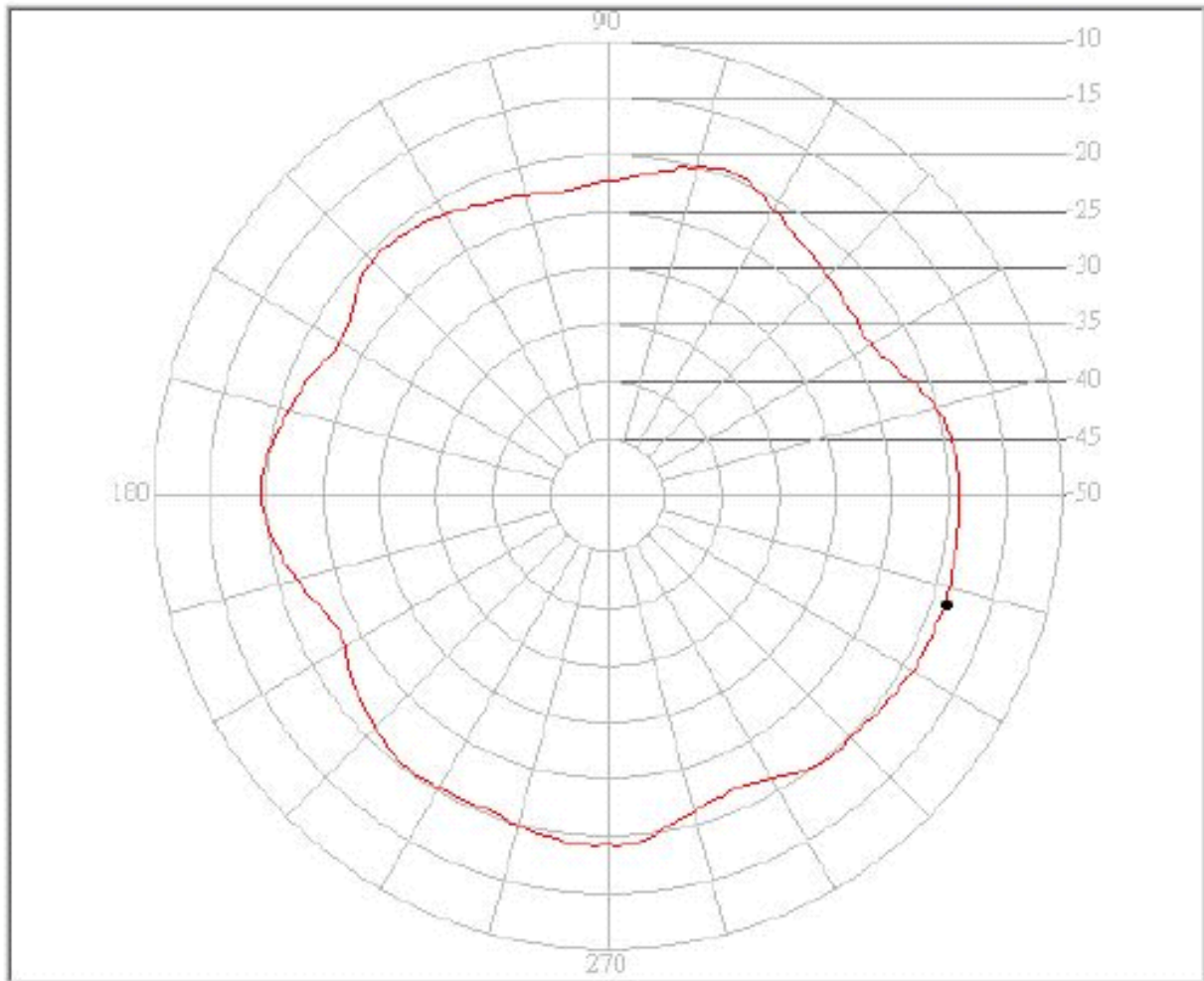
Training Research Co.
No.2, Lane 930, Sec. 1, Balaiz Rd.
Suzhou City, Taichung County, Taiwan
Tel: 886-2-2646-4726
Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	x	2450	Horizontal	-11.58	-15.28	289.29	2004/1/15

Antenna Pattern Measurement

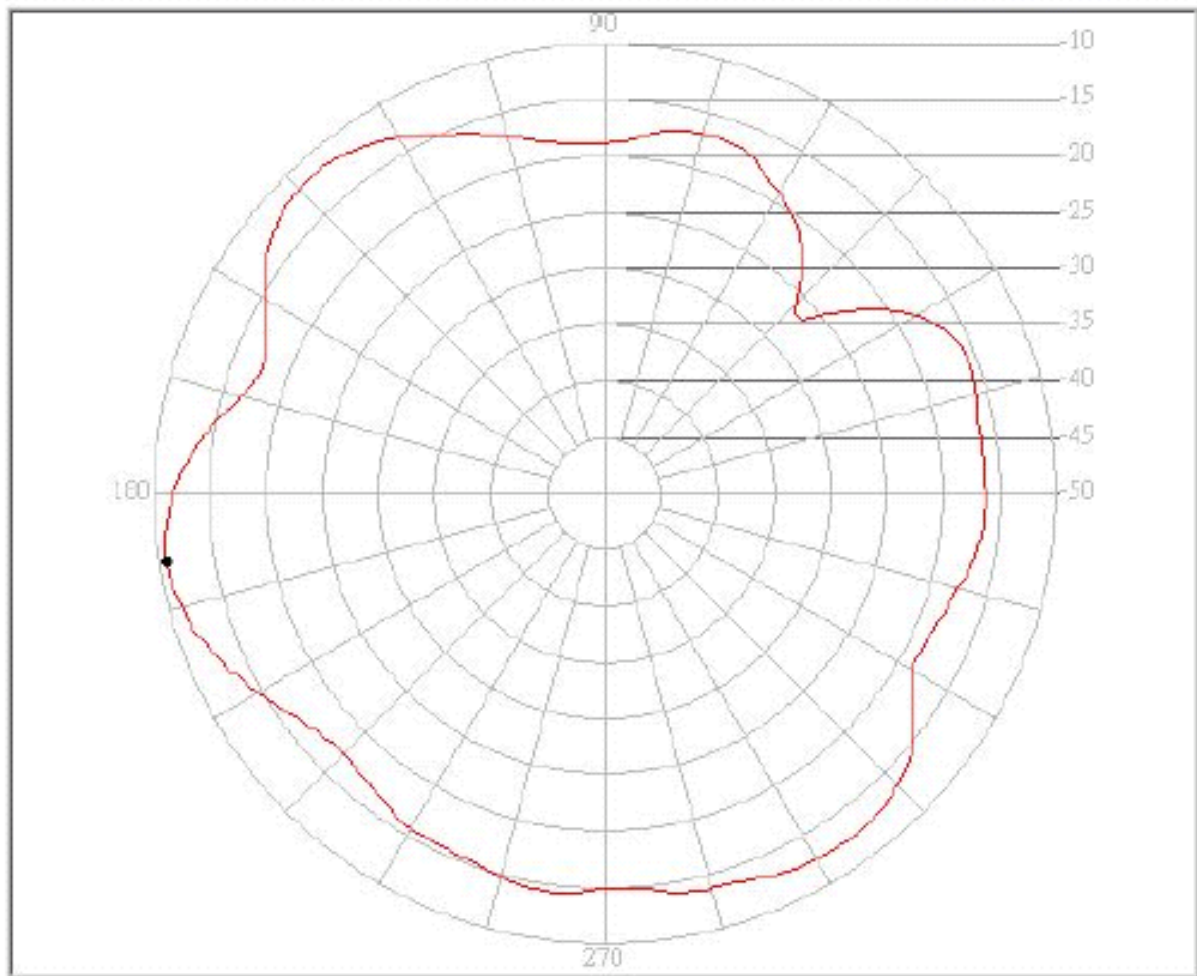
Training Research Co.
 No 2, Lane 530, Sec. 1, Balan Rd.,
 Suifu City, Taiping County, Taiwan
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Arg. Gain(dBi)	Peak Angle	Date
Topseed	x	2450	Vertical	-18.75	-20.68	342.24	2004/1/15

Antenna Pattern Measurement

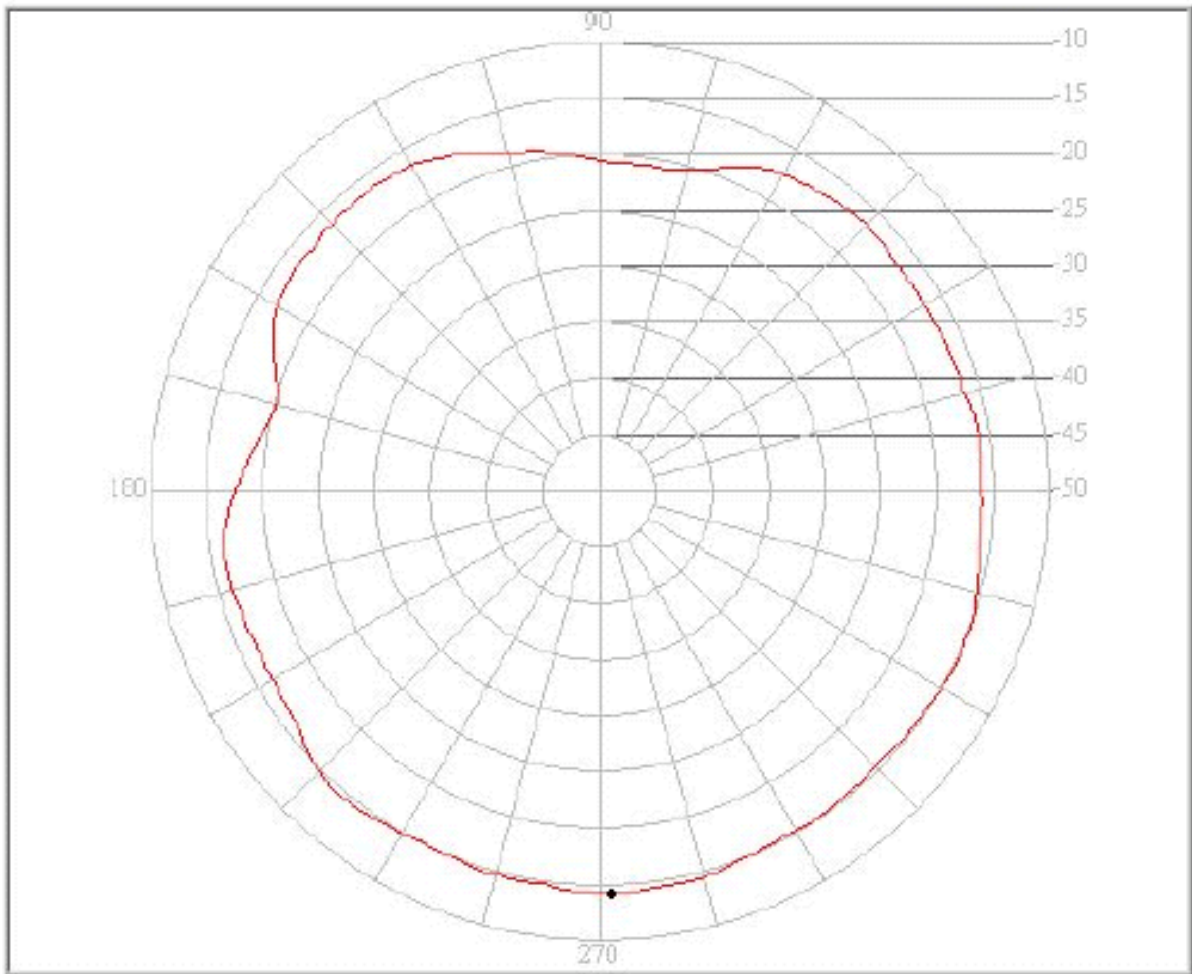
Training Research Co.
No.2, Lane 570, Sec. 1, Balaⁿ Rd.,
Sajoh City, Taipei County, Taiwan
Tel: 886-2-2646-4726
Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	x	2490	Horizontal	-10.59	-14.92	188.88	2004/1/15

Antenna Pattern Measurement

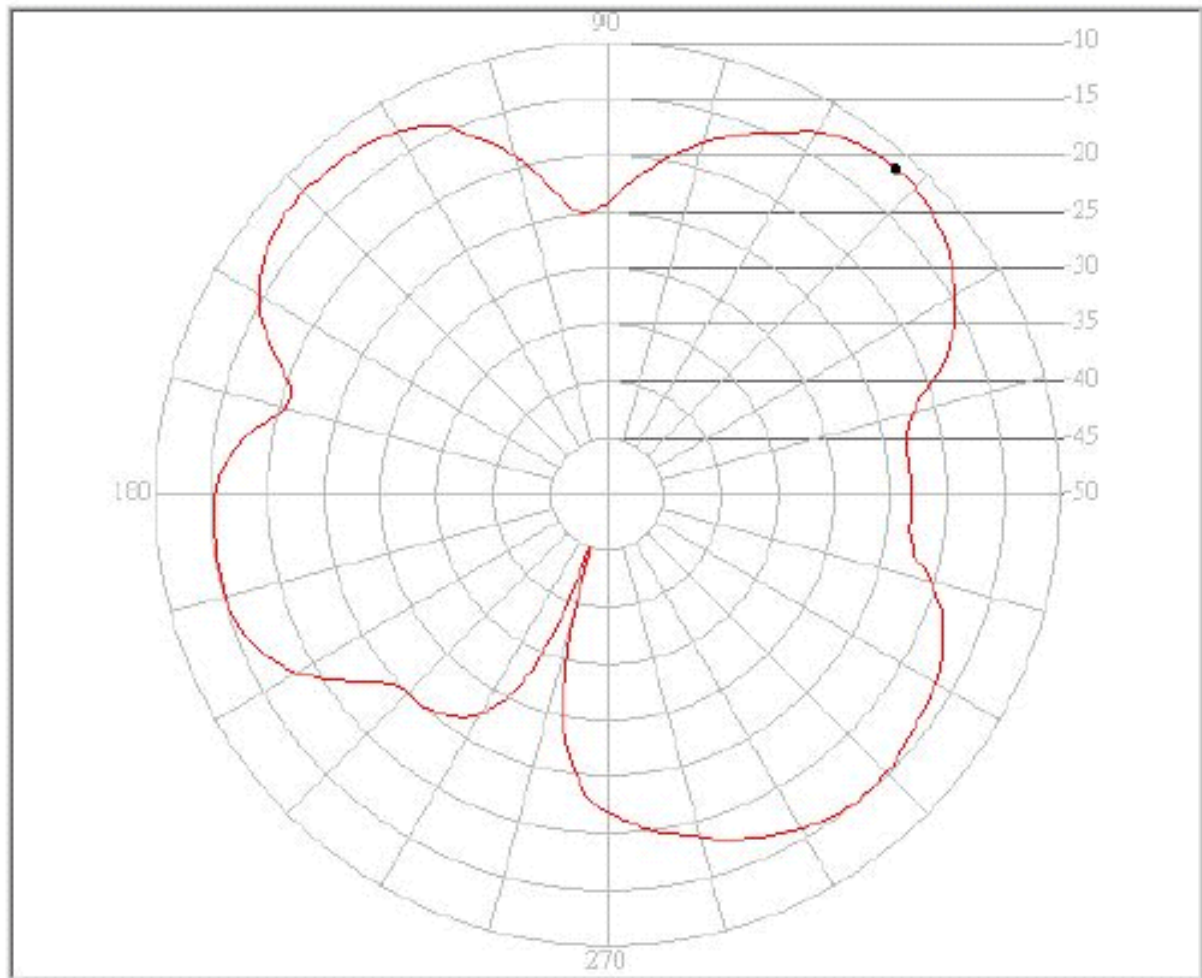
Training Research Co.
No 2, Lane 570, Sec. 1, Balan Rd.,
Sajuh City, Taqra County, Tadmor
Tel: 886-2-2646-4726
Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topsed	x	2490	Vertical	-14.10	-16.17	271.61	2004/1/15

Antenna Pattern Measurement

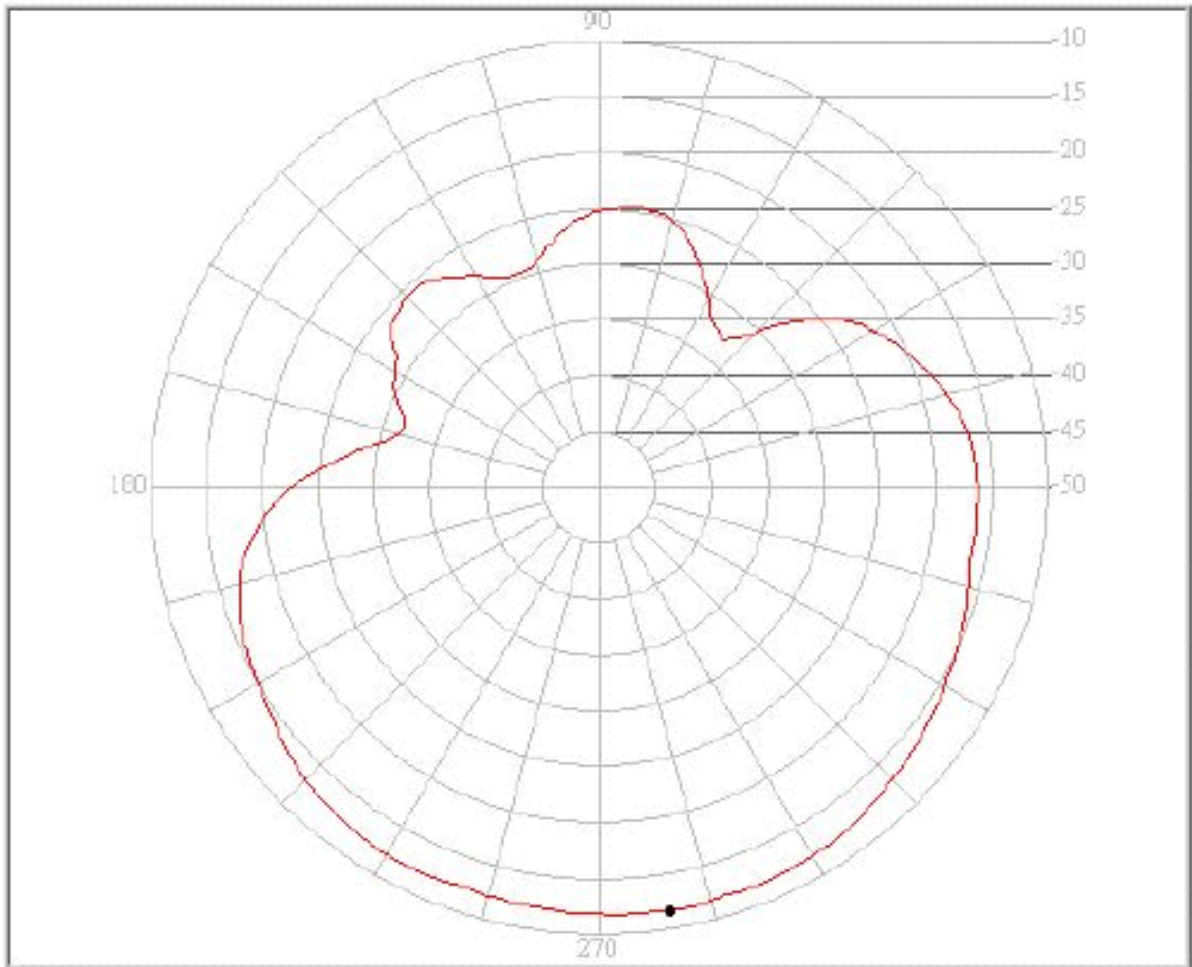
Training Research Co.
 No 2, Lane 570, Sec. 1, Balan Rd.,
 Sujah City, Taipa County, Taiwan
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	y	2400	Horizontal	-11.48	-16.43	48.43	2004/1/15

Antenna Pattern Measurement

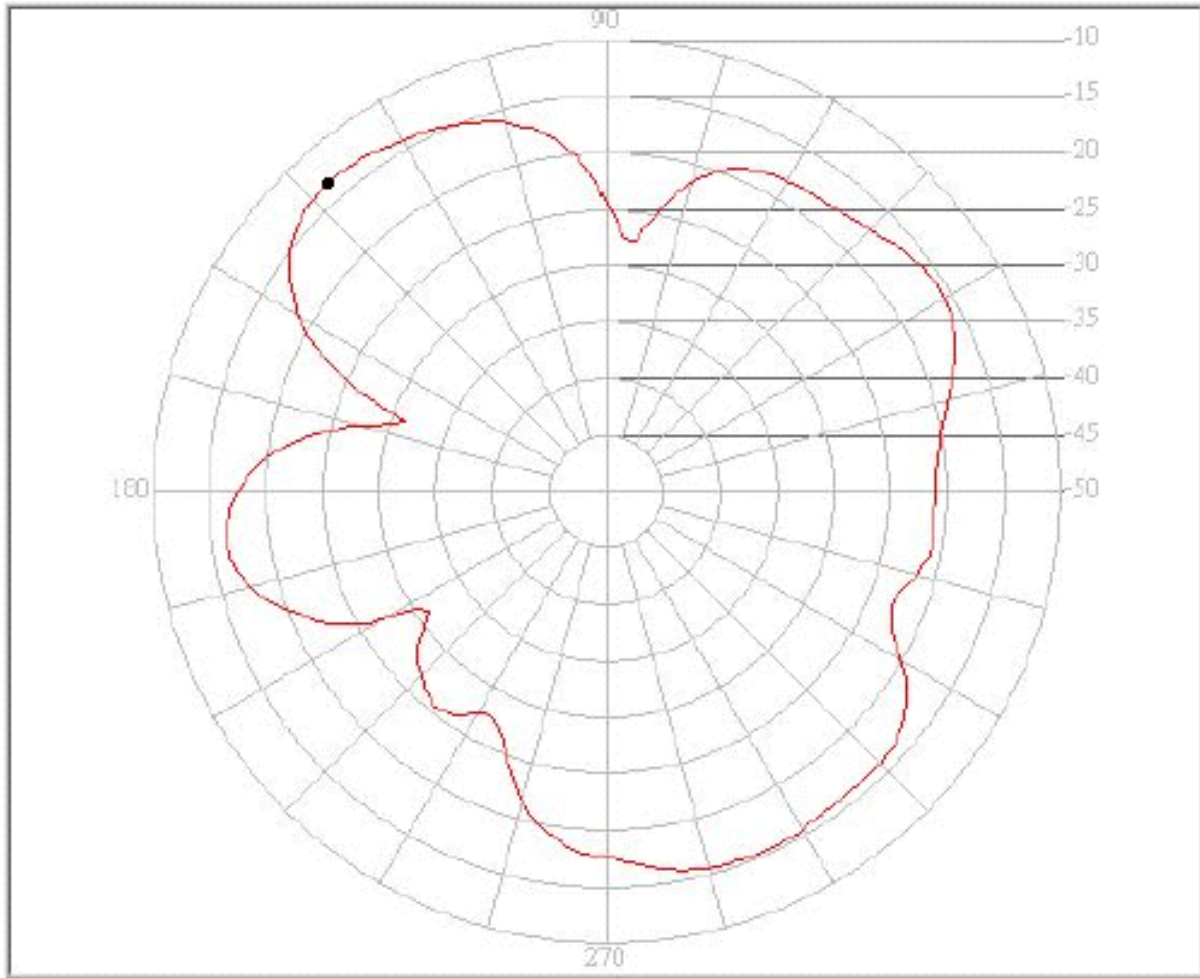
Training Research Co.
 No.2, Lane 530, Sec. 1, Balaq Rd.,
 Suluq City, Tappu County, Taiwan
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	y	2400	Vertical	-11.53	-16.00	279.28	2004/1/15

Antenna Pattern Measurement

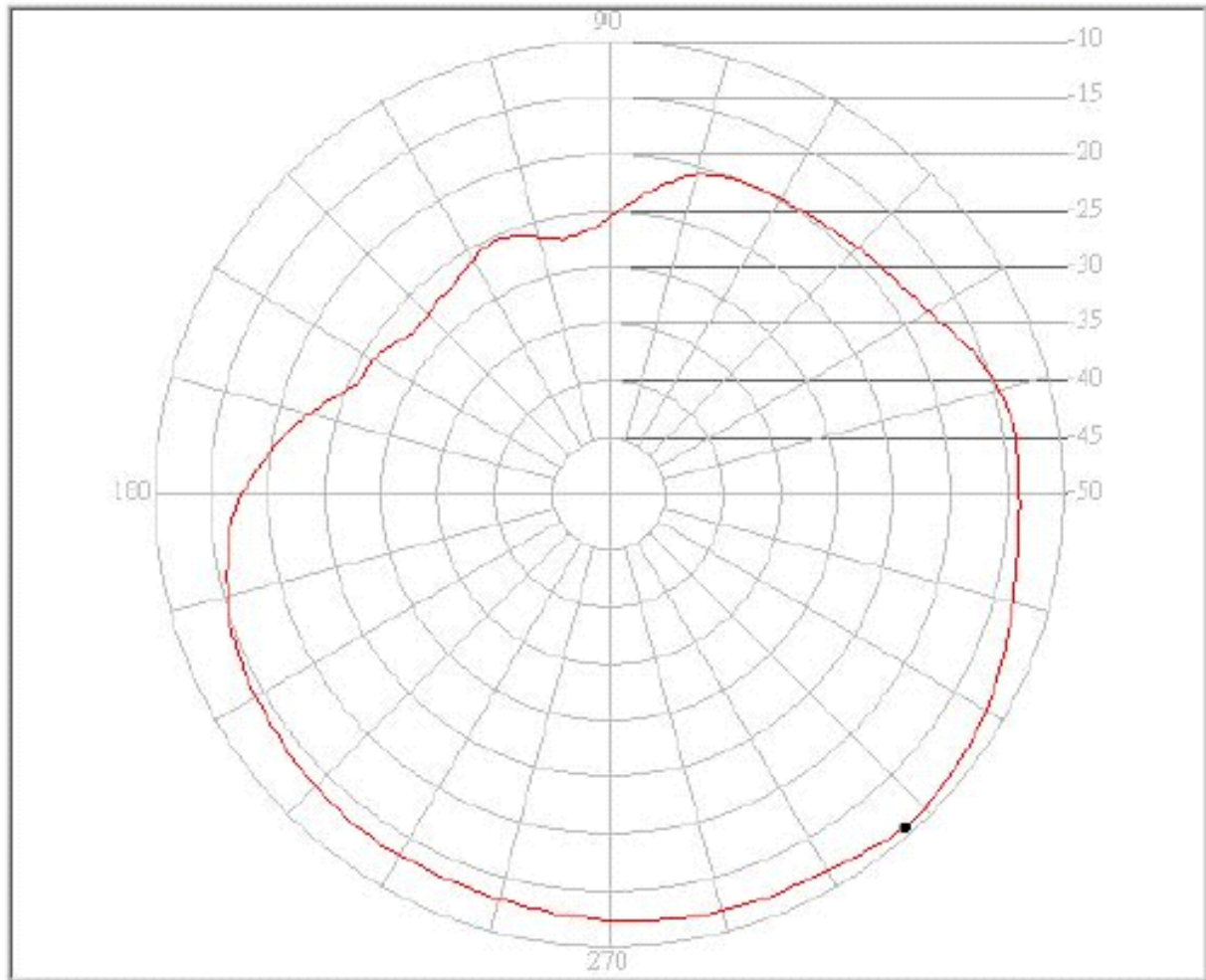
Training Research Co
 No 2, Lane 570, Sec. 1, Balan Rd.,
 Sakuh City, Taiping County, Taipen
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	y	2450	Horizontal	-13.25	-17.98	131.79	2004/1/15

Antenna Pattern Measurement

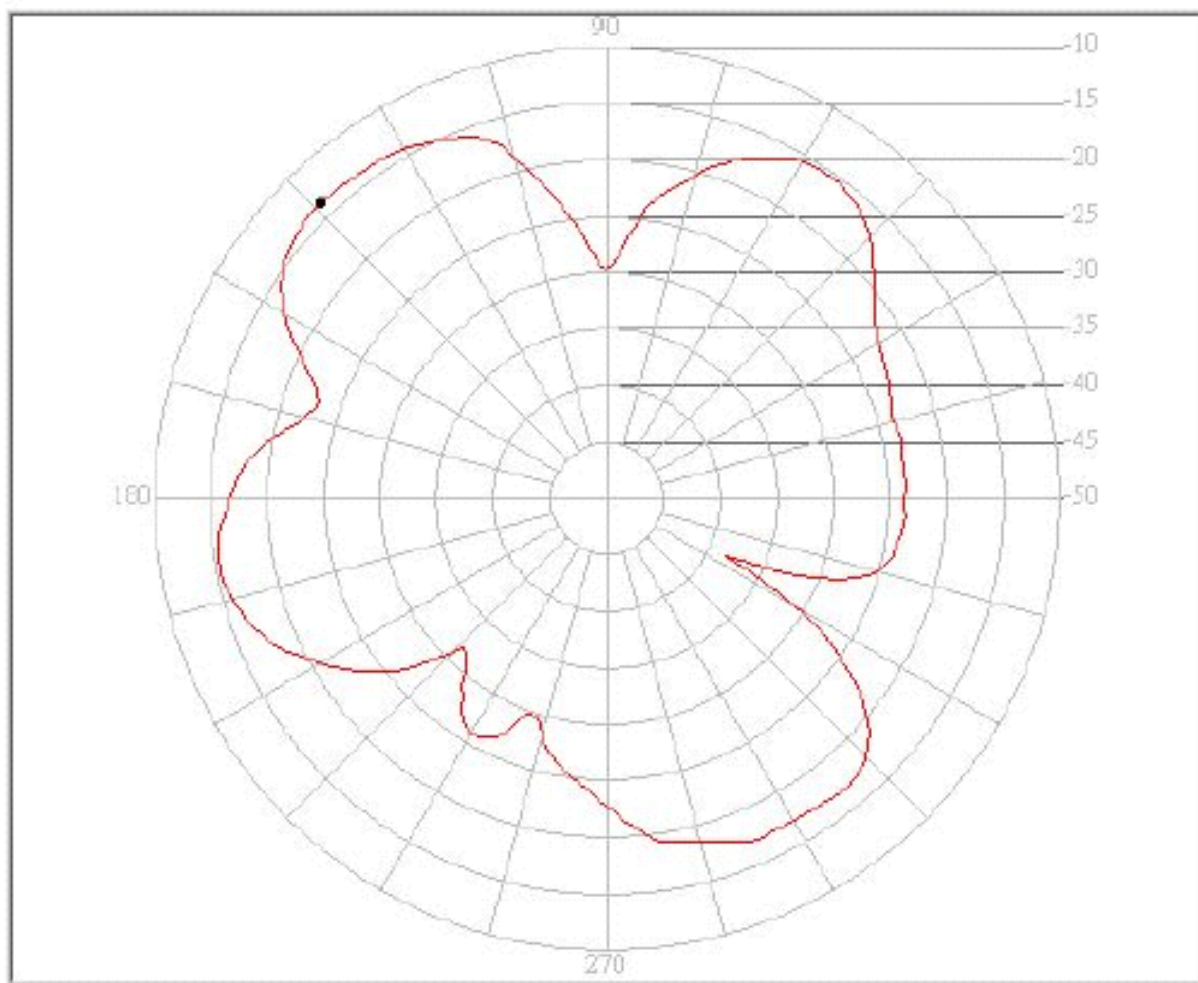
Training Research Co.
 No.2, Lane 570, Sec. 1, Balaan Rd.
 Suifu City, Taipei County, Taiwan
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Ang. Gain(dBi)	Peak Angle	Date
Topseed	y	2450	Vertical	-10.75	-14.97	311.57	2004/1/15

Antenna Pattern Measurement

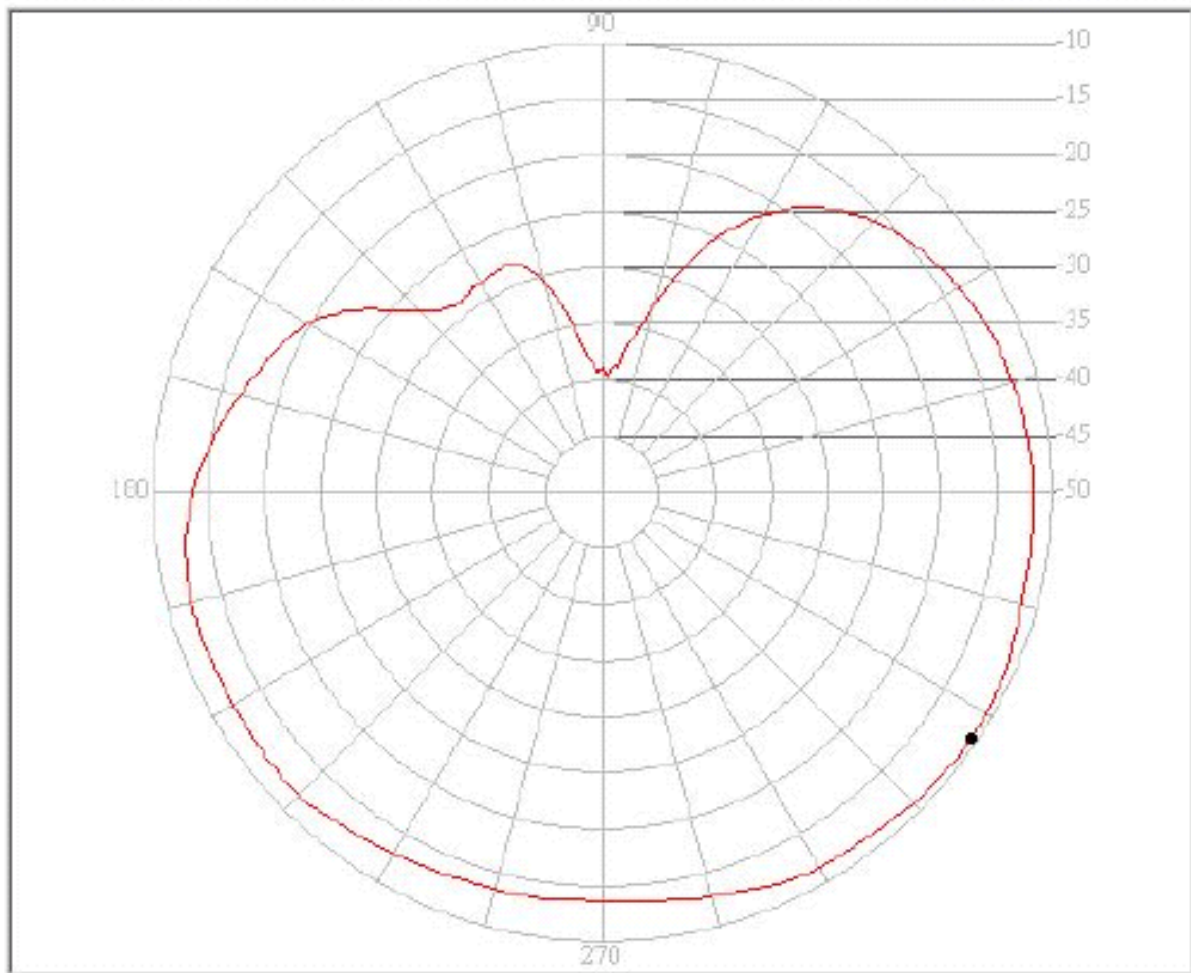
Training Research Co
No 2, Lane 570, Sec. 1, Balan Rd.,
Sajuh City, Taqur County, Taqur
Tel: 886-2-2646-4726
Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	y	2490	Horizontal	-13.52	-18.80	133.99	2004/1/15

Antenna Pattern Measurement

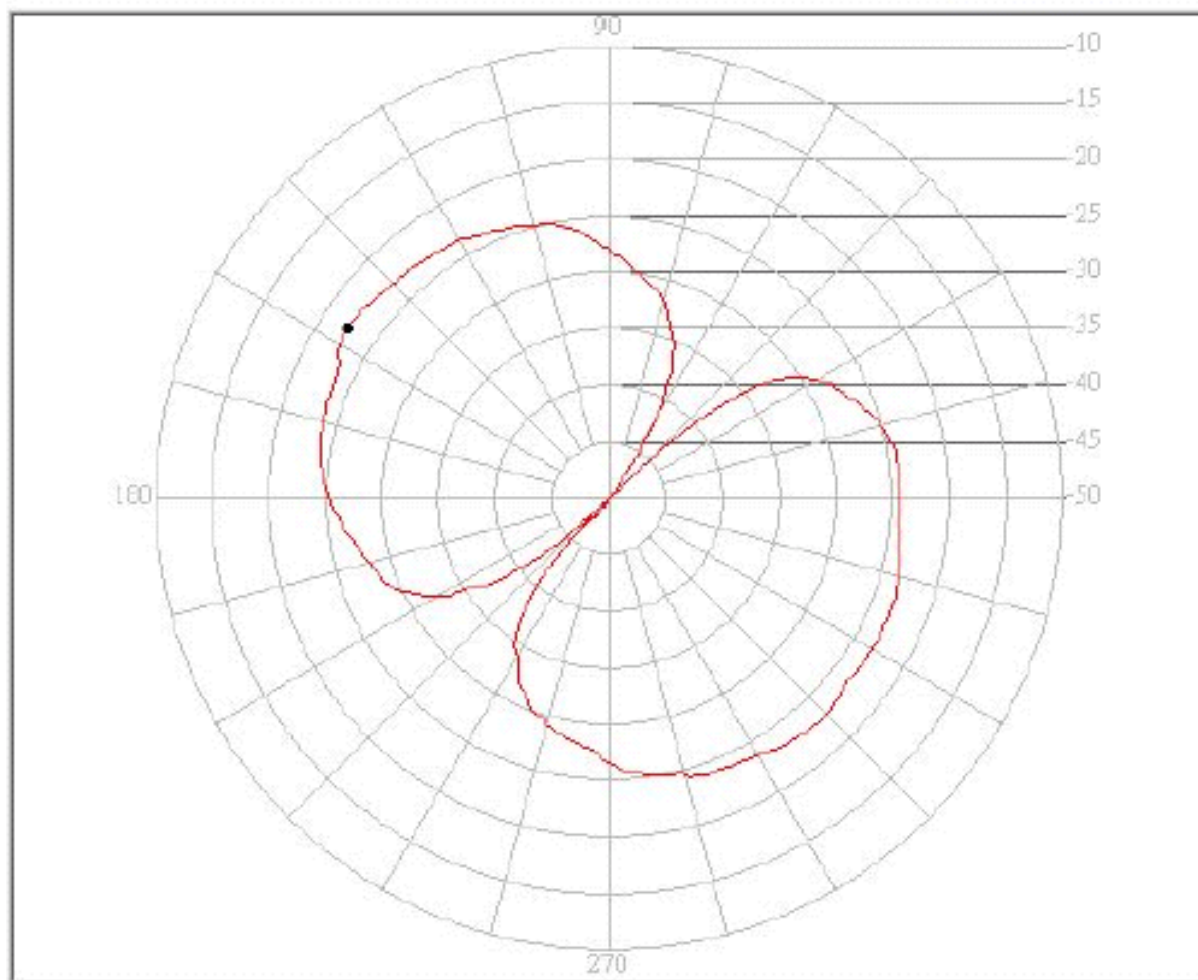
Training Research Co.
 No.2, Lane 570, Sec. 1, Balan Rd.,
 Suluh City, Tapani County, Tapani
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Arg. Gain(dBi)	Peak Angle	Date
Topseed	y	2490	Vertical	-10.50	-13.88	326.25	2004/1/15

Antenna Pattern Measurement

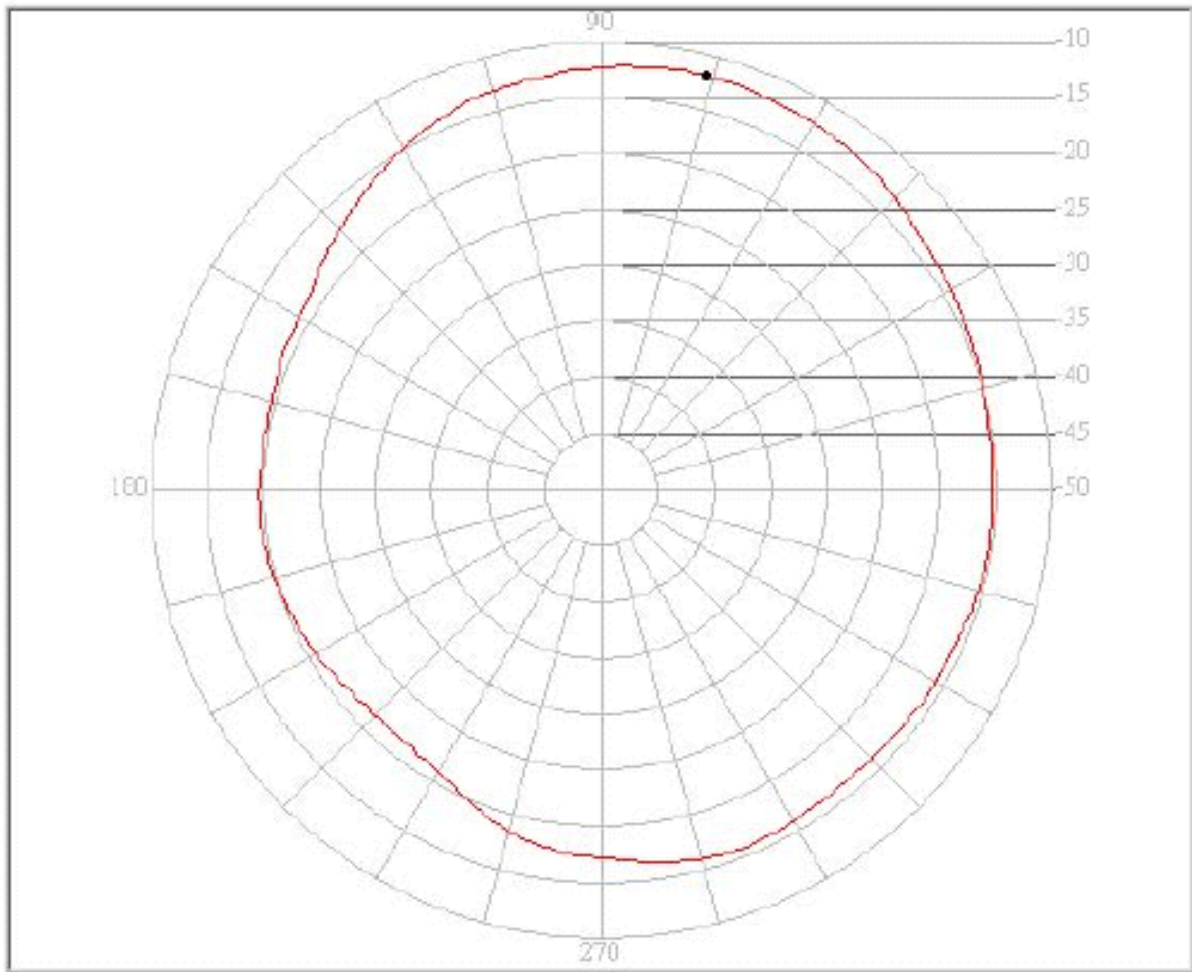
Training Research Co.
 No.2, Lane 530, Sec. 1, Balaⁿ Rd.
 Sulin City, Taipei County, Taiwan
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	s	2400	Horizontal	-22.48	-25.82	146.91	2004/1/15

Antenna Pattern Measurement

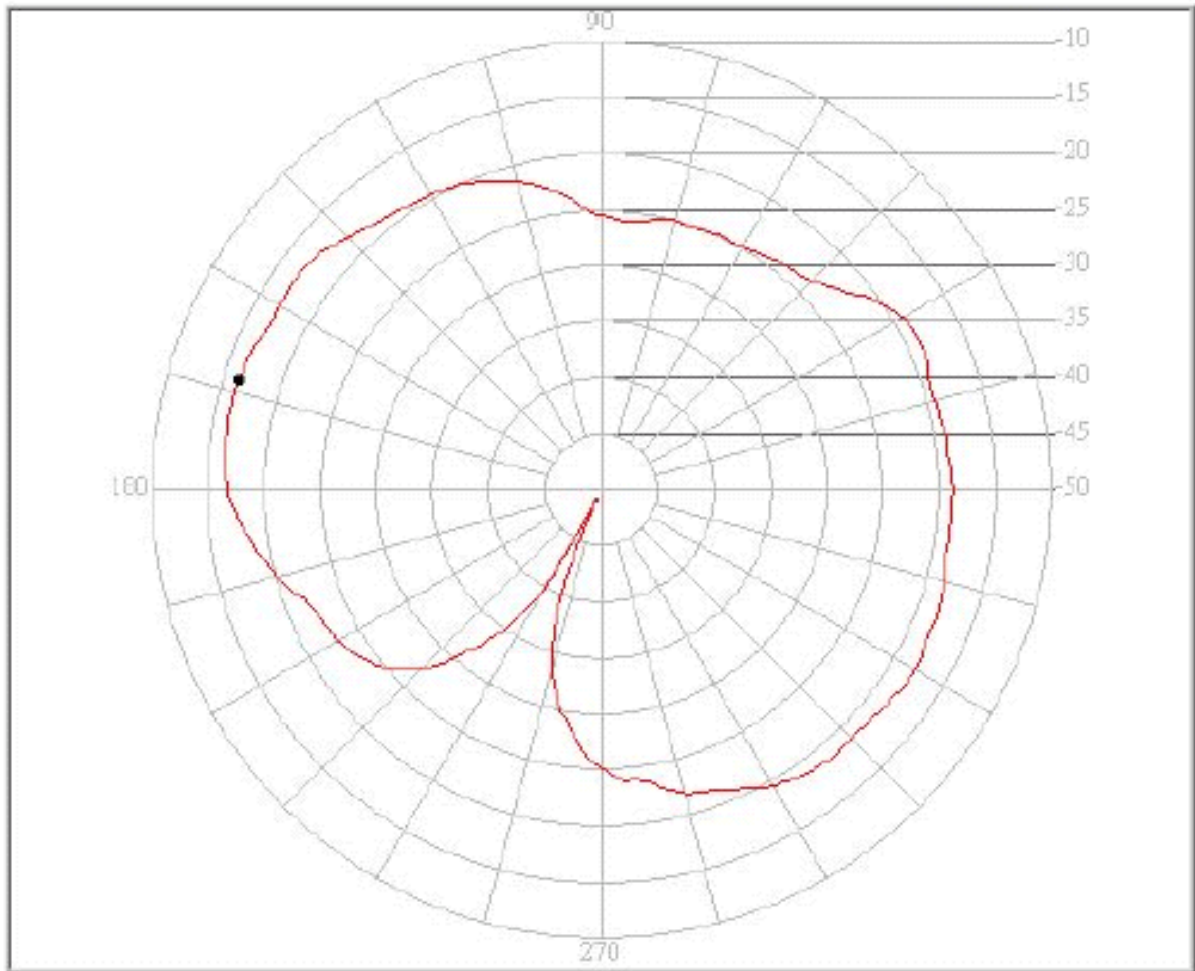
Training Research Co.
 No 2, Lane 570, Sec. 1, Balan Rd.
 Sakuh City, Taipei County, Taiwan
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Toposed	s	2400	Vertical	-11.82	-15.55	75.87	2004/1/15

Antenna Pattern Measurement

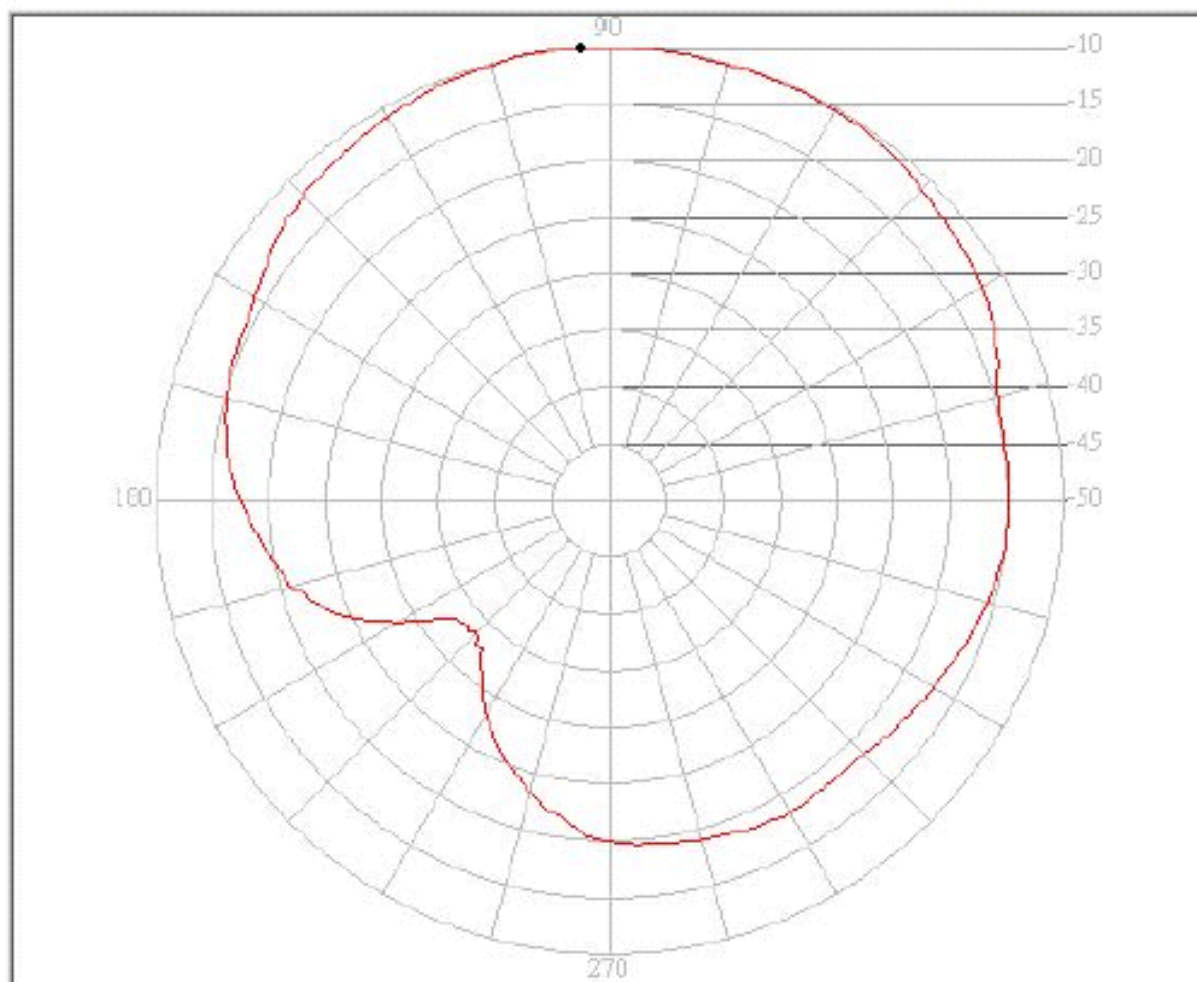
Training Research Co
 No.2, Lane 530, Sec. 1, Balan Rd.,
 Suifu City, Taiping County, Taiwan
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	a	2450	Horizontal	-16.20	-20.20	163.05	2004/1/15

Antenna Pattern Measurement

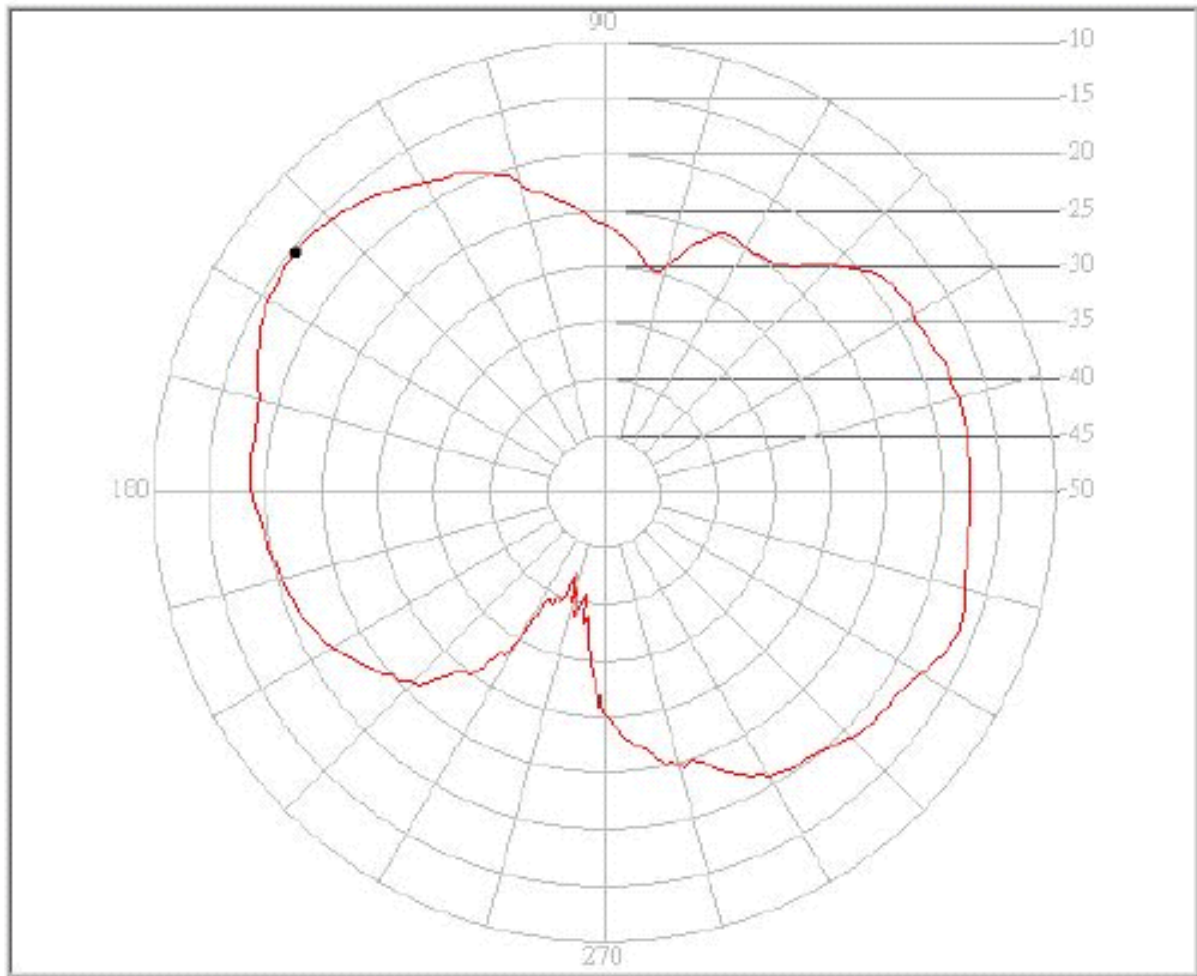
Training Research Co
 No 2, Lane 570, Sec. 1, Balan Rd.
 Sajah City, Taizra County, Taizem
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	a	2450	Vertical	-9.90	-14.02	93.63	2004/1/15

Antenna Pattern Measurement

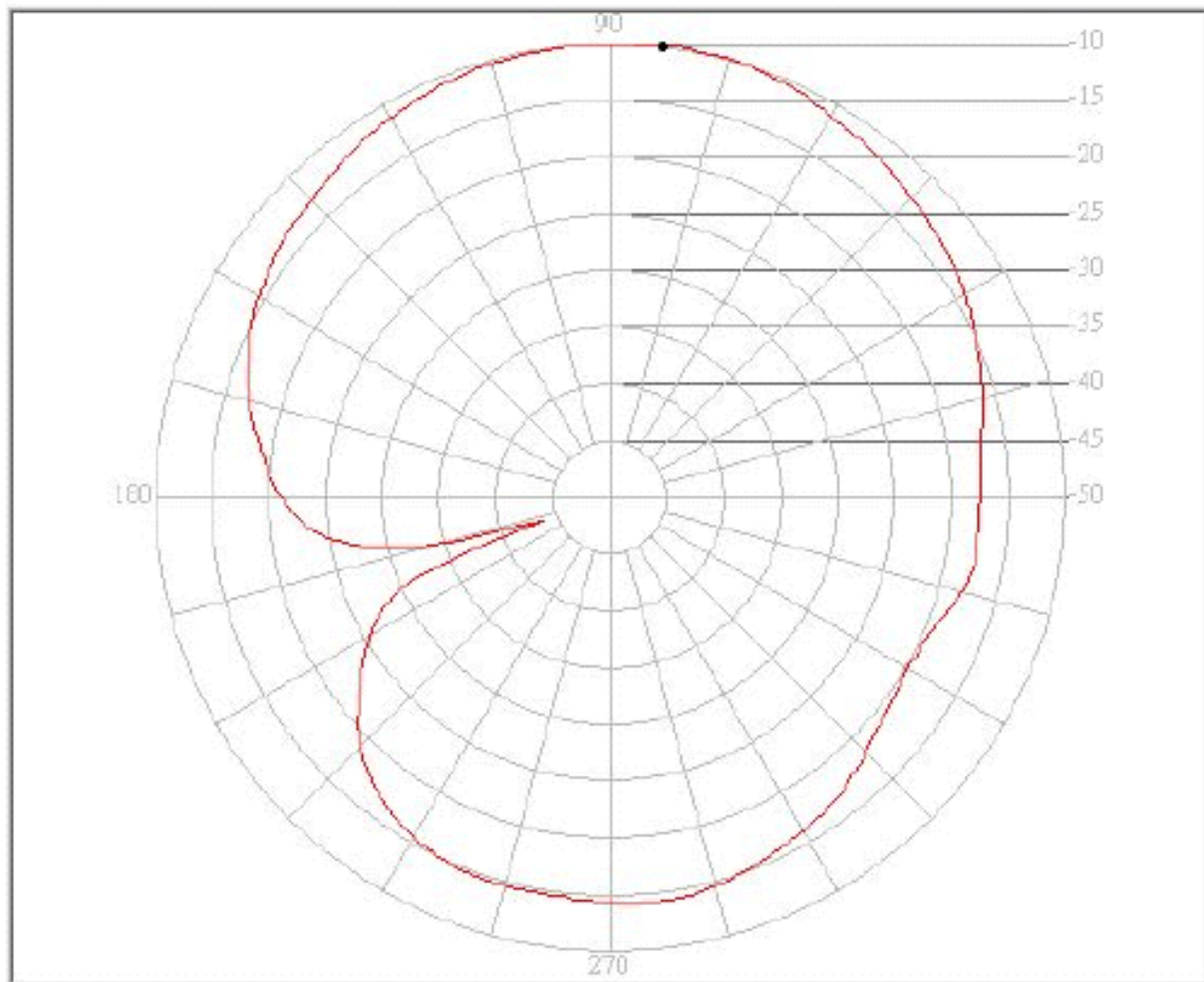
Training Research Co.
 No.2, Lane 570, Sec. 1, Balaq Rd.,
 Suih City, Taipei County, Taiwan
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq.(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	s	2490	Horizontal	-15.34	-19.83	142.06	2004/1/15

Antenna Pattern Measurement

Training Research Co
 No 2, Lane 570, Sec. 1, Balan Rd.
 Sajah City, Taqana County, Taqana
 Tel: 886-2-2646-4726
 Fax: 886-2-2646-4719



Model No.	Test Mode	Freq(MHz)	Source Polarization	Peak Gain(dBi)	Avg. Gain(dBi)	Peak Angle	Date
Topseed	s	2490	Vertical	-9.85	-14.19	83.57	2004/1/15