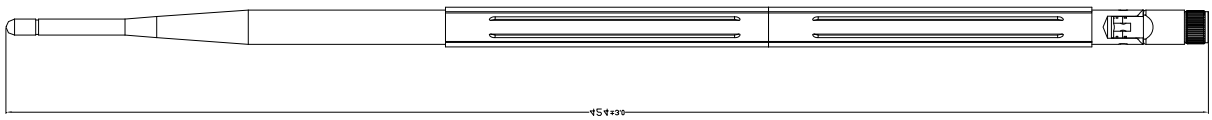
SPECIFICATION

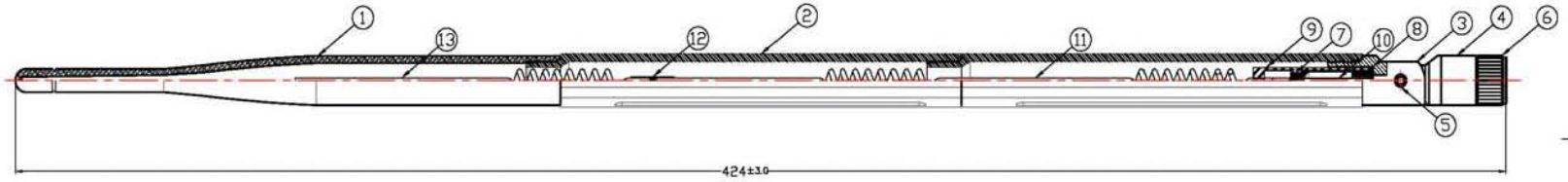
Part Name ..... 2.4GHz 10dBi Antenna
Part Number 1GB-2410S



Electrical Properties	
Frequency Range	2.4GHz
Impedance	50 Ohms nominal
V.S.W.R	2.0 (Max.)
Gain	10 dB
Polarization	Vertical
Radiation	0mni
Electrical Wave	1/4 l Dipole
Mechanical Properties:	
Cable	RG-178
Antenna Cover	Polyurethane
Antenna Base	Polyurethane
Connector	SMA Plug Reverse
Color	Black
Operation Temperature	-20℃~+65℃
Storage Tempersture	-30℃~+75℃

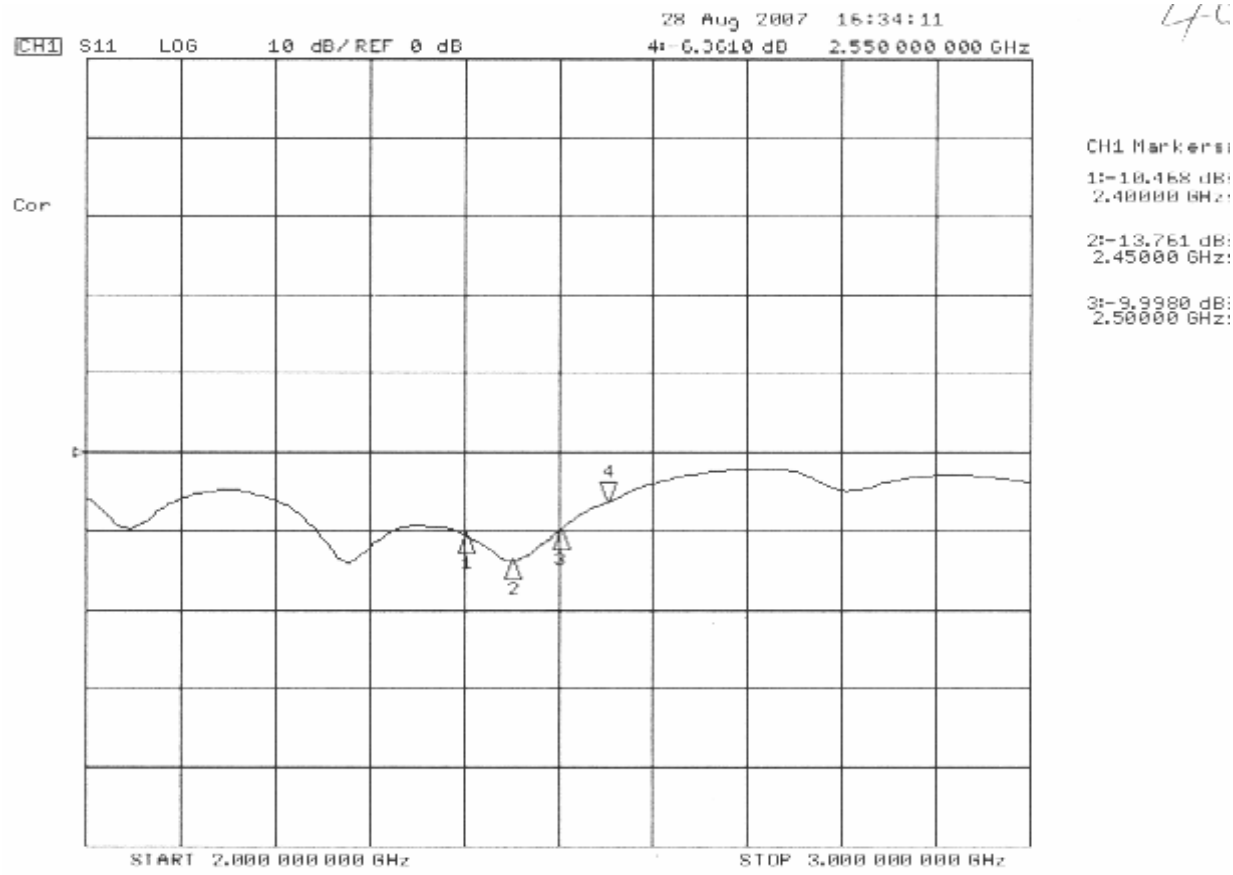
B.O.M

ITEM	NAME	MATERIAL	Qty	Fin.	Note
1	Main Sleeve	Polyurethane	1		
2	Extend Sleeve	Polyurethane	2		
3	Upper Base	Polyurethane	1		
4	Lower Base	Polyurethane	1		
5	Rivet	zinc.Black	2		
6	Sma-P/R connector	BRASS	1	Bcr.	
7	Copper Tube	Copper	1		
8	Rtainer	P.O.M	1		
9	Spring holder	Polyurethane	1		
10	Coaxial Cable	RG-178	1		
11	Lower Spring	Copper	1		
12	Socket	BRASS	1		
13	Upper Spring	Copper	1		

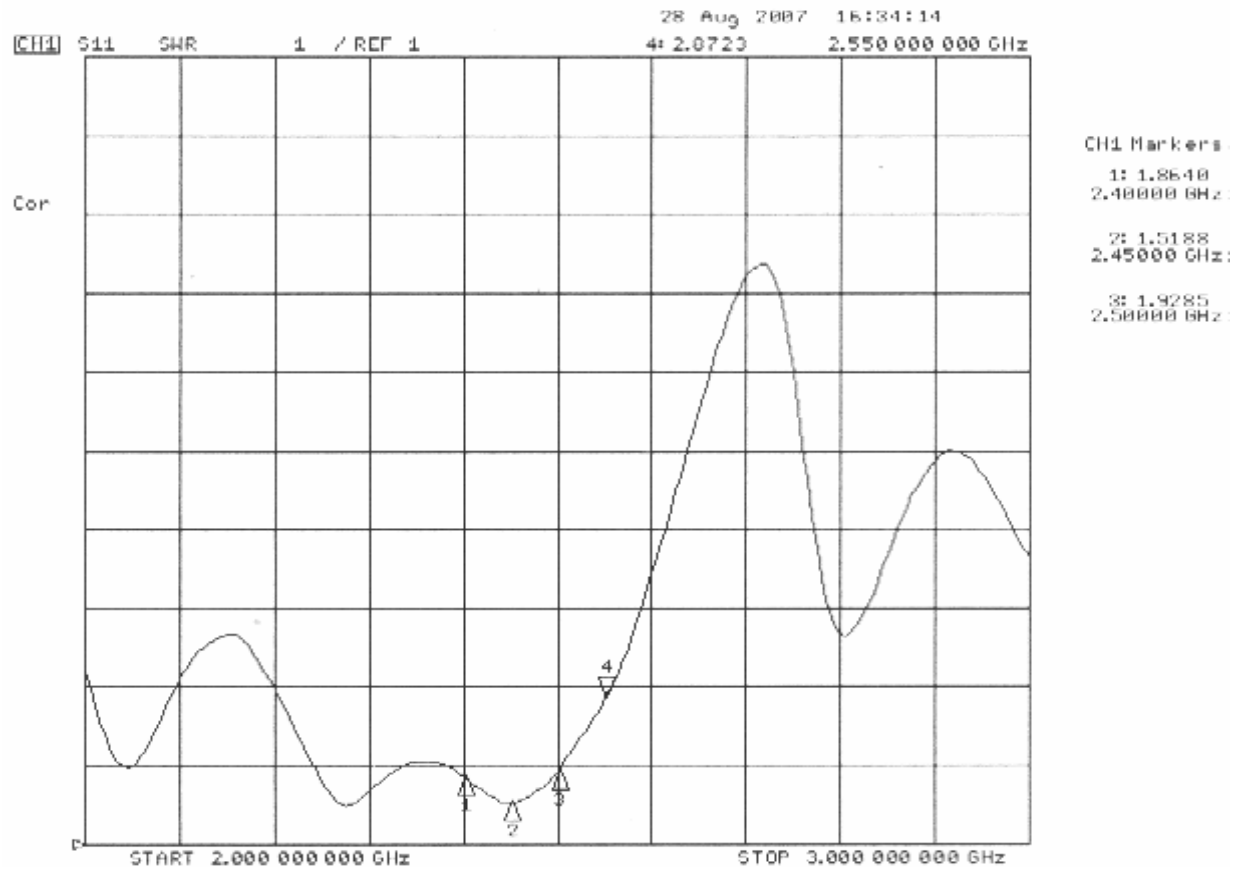


		DIMENSIONS ARE IN MILLIMETER	MATERIAL		VER. △	DESCRIPTIONS	DONE BY.	CKD. BY
		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	FINISH			REVISIONS NOTE		
TITLE	2.4Ghz 10dBi Antenna	xx ±3.0 x ±0.5 .x ±0.2 .xx ±0.1 ANGULAR. ±3°	SCALE		DESIGN/CHKED.		APPROVED BY.	
PART No.	1GB-2410S		DATE		DRAWN BY.	Hao Yang		

RETURN LOSS Test Chart

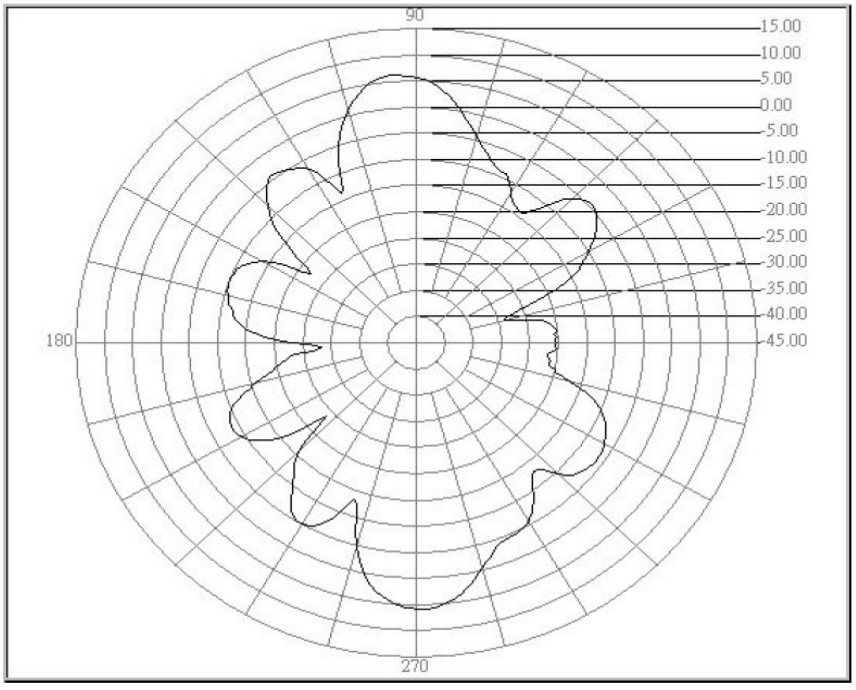


V.S.W.R Test Results



CCS WUGU Antenna Pattern

Job No.:F3-2400-E
Date:2007/11/29 Time:下午 03:56 Temp.(℃)/Hum.(%):25℃/80%
Tested by:

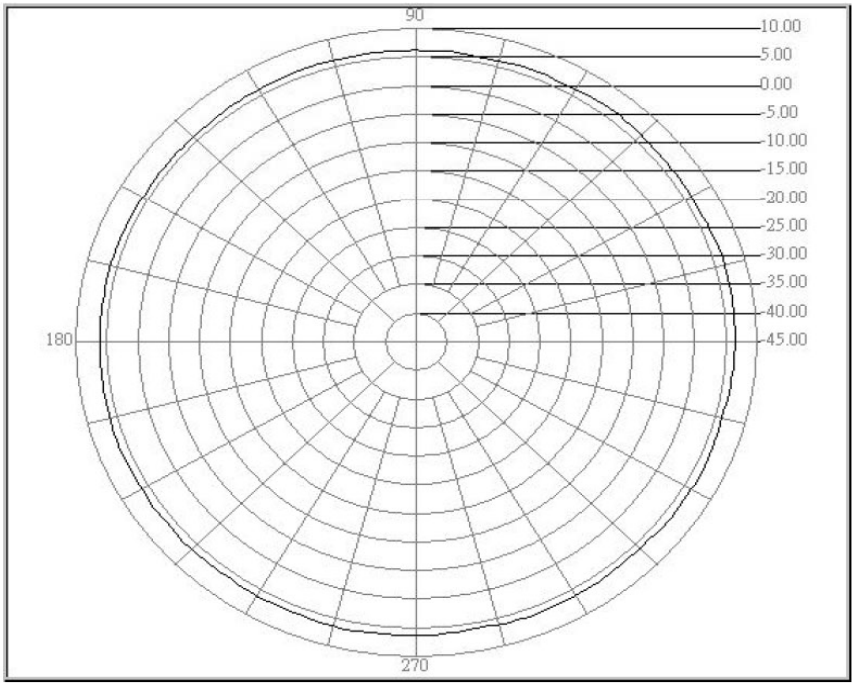


Center freq.(MHz): 2400 Polarization : E Plane
Max gain(dBi):6.17 Min gain(dBi):-28.85 Avg gain(dBi):-2.79

F3-2400-E

CCS WUGU Antenna Pattern

Job No.:F3-2400-H		
Date:2007/11/29	Time:下午 02:51	Temp.(℃)/Hum.(%):25℃/80%
Tested by:		



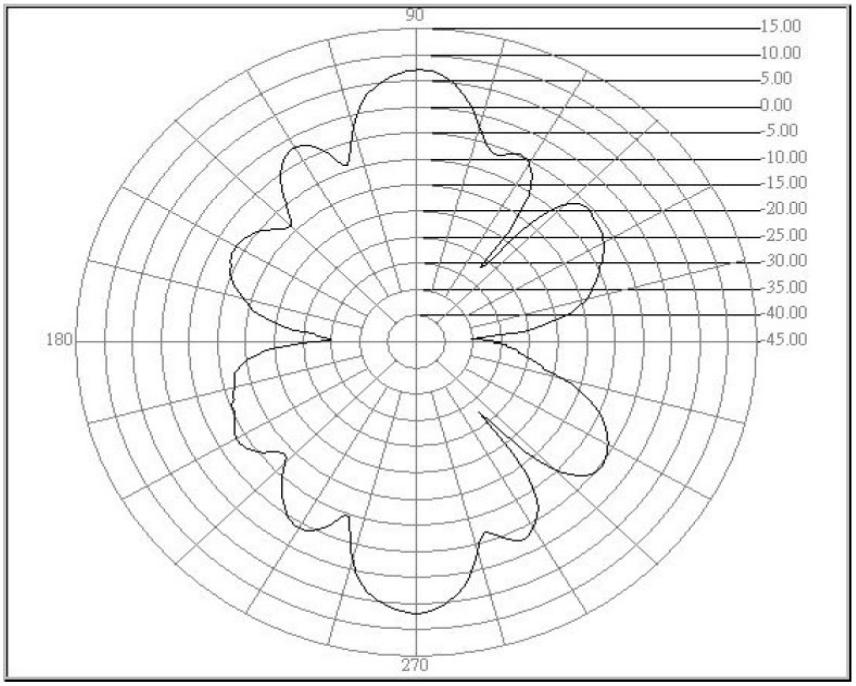
Center freq.(MHz): 2400 Polarization : H Plane

Max gain(dBi):6.66 Min gain(dBi):5.91 Avg gain(dBi):6.25

F2-2400-H

CCS WUGU Antenna Pattern

Job No.:F3-2450-E		
Date:2007/11/29	Time:下午 03:57	Temp.(℃)/Hum.(%):25℃/80%
Tested by:		



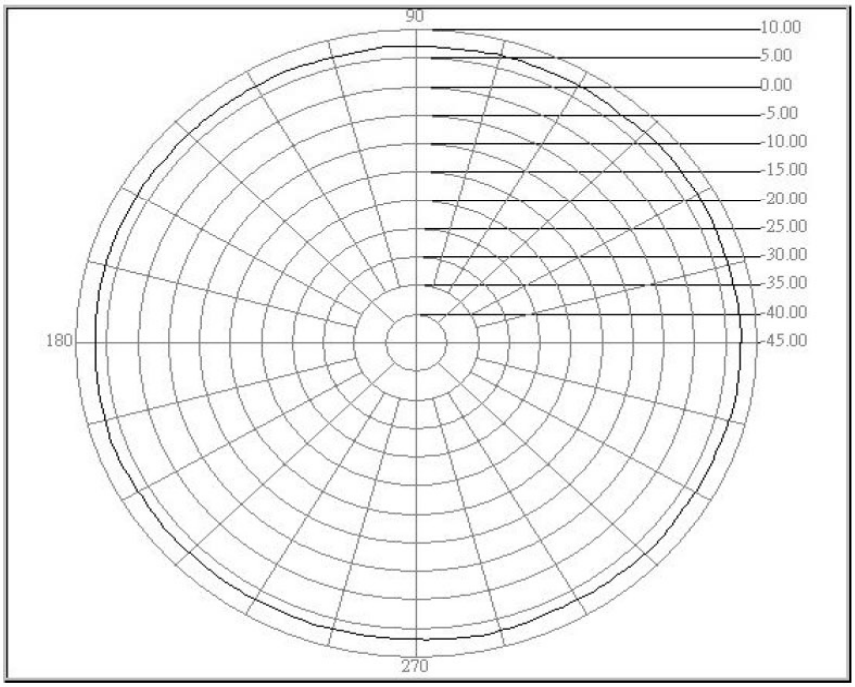
Center freq.(MHz): 2450 Polarization : E Plane

Max gain(dBi):7.09 Min gain(dBi):-35.27 Avg gain(dBi):-2.01

F3-2450-E

CCS WUGU Antenna Pattern

Job No.:F3-2450-H		
Date:2007/11/29	Time:下午 02:53	Temp.(℃)/Hum.(%):25℃/80%
Tested by:		



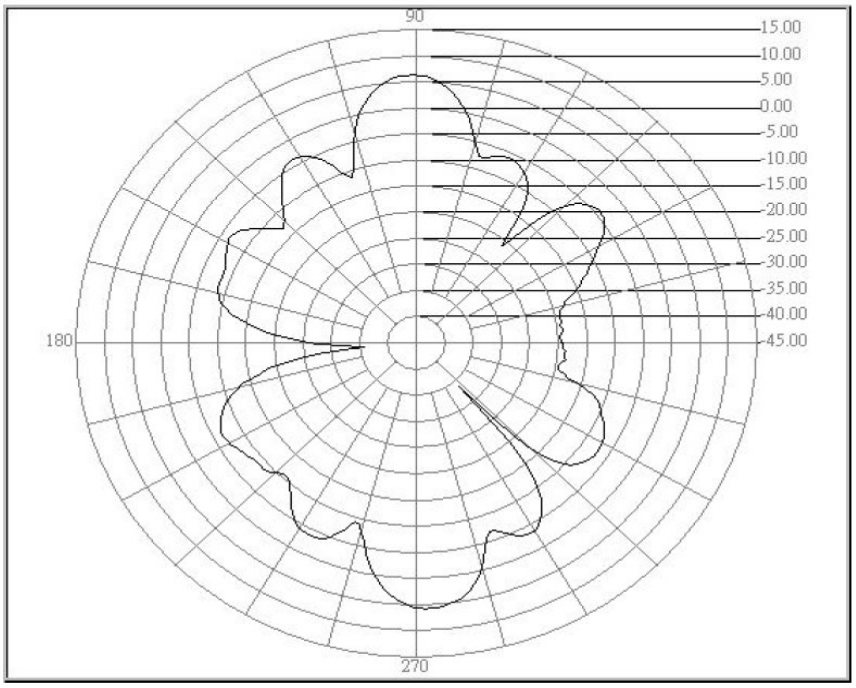
Center freq.(MHz): 2450 Polarization : H Plane

Max gain(dBi):7.51 Min gain(dBi):6.81 Avg gain(dBi):7.09

F3-2450-H

CCS WUGU Antenna Pattern

Job No.:F3-2500-E		
Date:2007/11/29	Time:下午 03:59	Temp.(℃)/Hum.(%):25℃/80%
Tested by:		



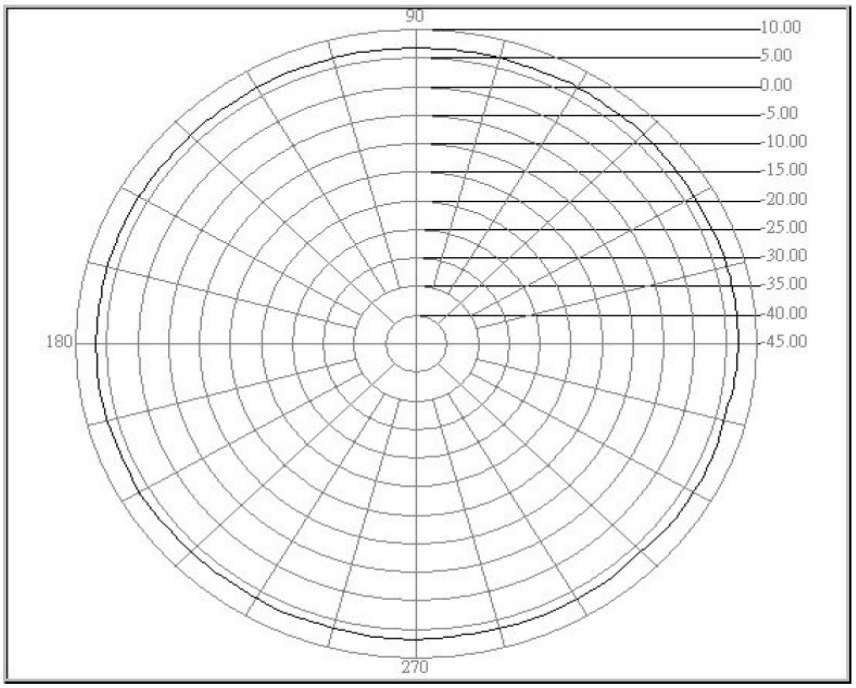
Center freq.(MHz): 2500 Polarization : E Plane

Max gain(dBi):6.31 Min gain(dBi):-35.87 Avg gain(dBi):-2.82

F3-2500-E

CCS WUGU Antenna Pattern

Job No.:F3-2500-H
Date:2007/11/29 Time:下午 02:56 Temp.(℃)/Hum.(%):25℃/80%
Tested by:



Center freq.(MHz): 2500 Polarization : H Plane
Max gain(dBi):7.05 Min gain(dBi):6.33 Avg gain(dBi):6.69

F3-2500-H