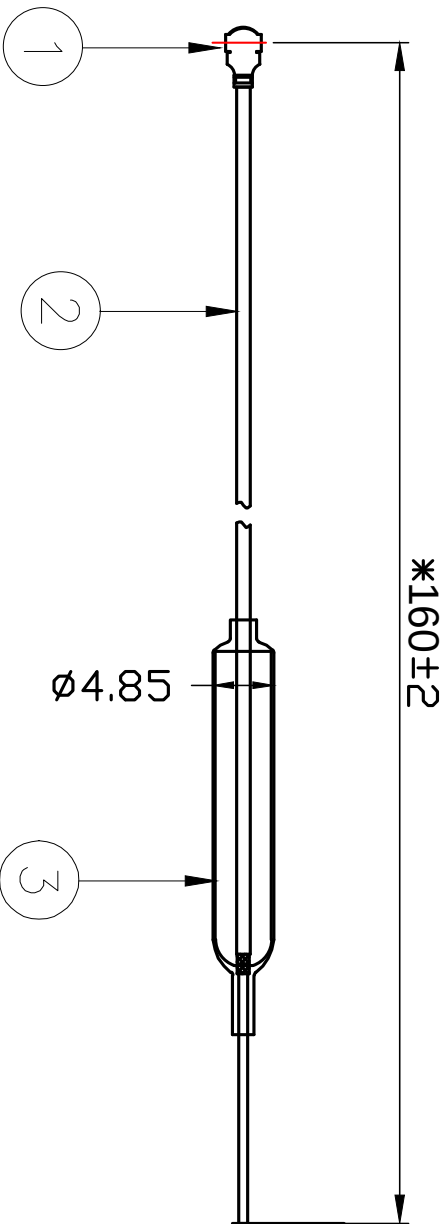


Test Reports

Electrical Properties	
Frequency	2.4 - 2.5 GHz
Impedance	50 Ohm Nominal
V.S.W.R	<= 2.0 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3.22 dBi
Cable Loss	3.2 dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	ipex
Physical Properties	
Antenna Material	CU
Cable Type	O.D. 1.13mm // 150 mm
Operating Temp.	-35 ~ +60 °C
Storage Temp.	-35 ~ +70 °C
Cable Color	Black

SIGN	DATE	DESCRIPTION	APPROVER

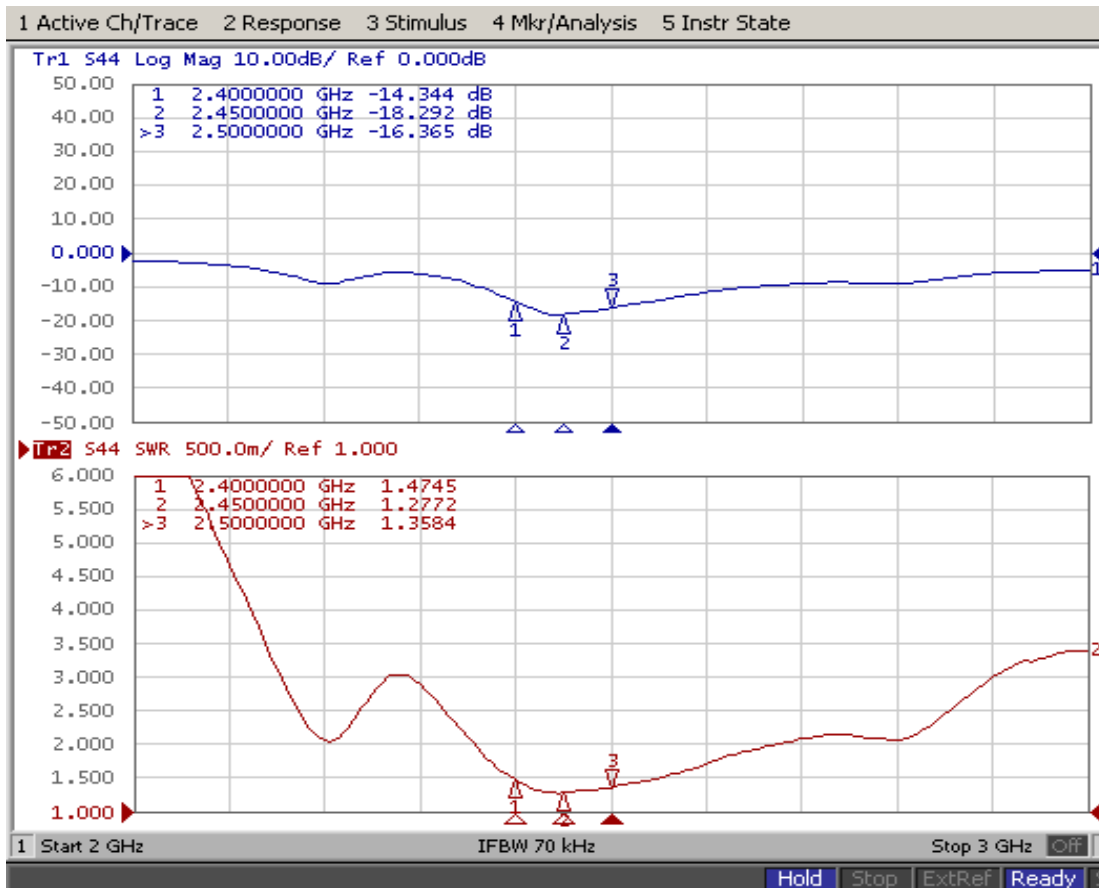
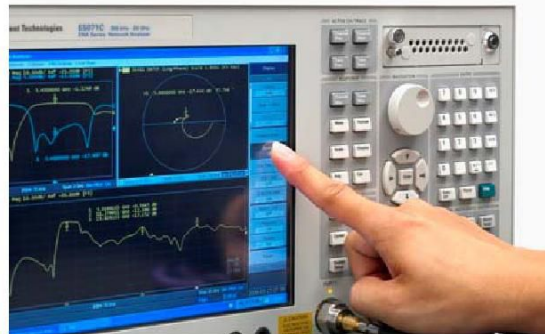


3	NB080	CU	Ø 4.4*24.5mm	1
2	R-CB-113B	Cable Con-	O.D. 1.13mm Black	1
1	CI-113	necter	Mini Connector	1
No.	Part Number	Name	Material	Q'ty

Dongguan Maixun Electronics Co., Ltd				
TITLE: 2.4GHz Antenna				
PART NO.: NB080-13B-1X160		DWG NAME: NB080-13B-1X160.DWG		
APPROVED BY	CHECKED BY	DESIGNED BY	Tolerance	
jeff 2014-02-26	leon 2014-02-26	YD 2014-02-26		X.X / NO.20 X.XX / NO.10 XA / NGA
UNITS: mm		SCALE: 1/1		
		REVISION: A		

S Parameter Test

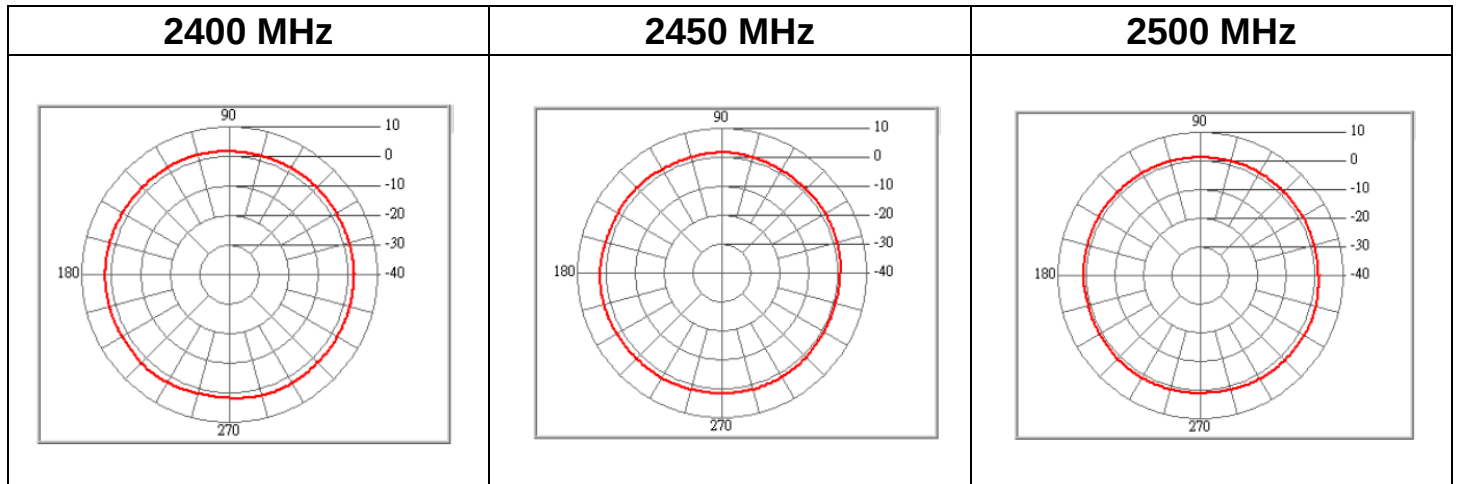
Agilent E5071C



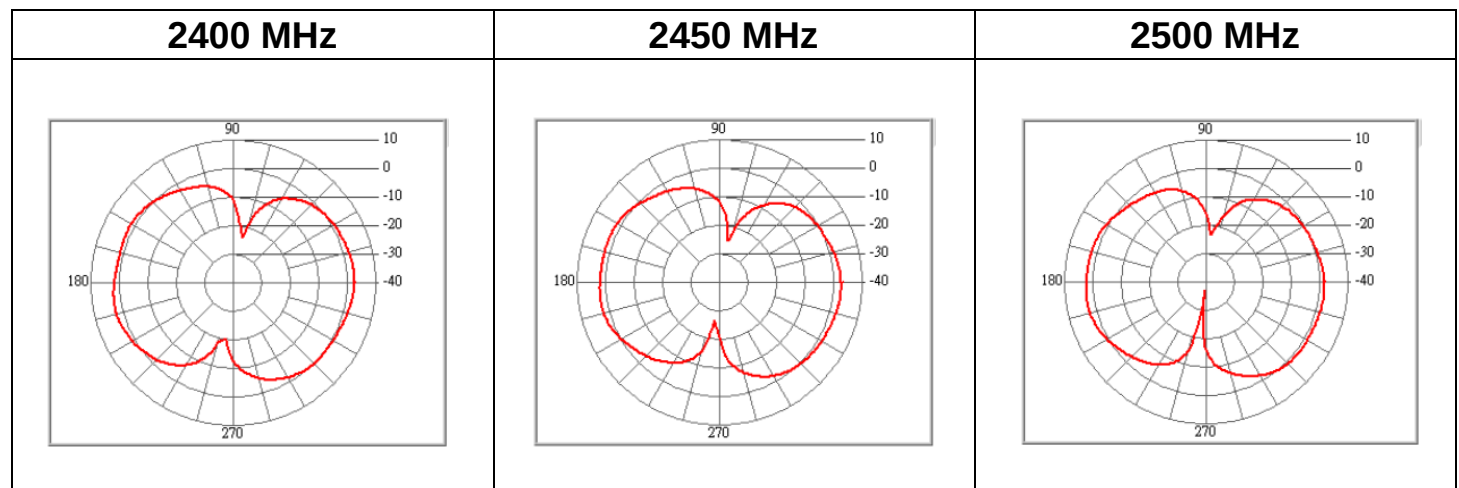
Product Name: Antenna

5. Antenna - Radiation Pattern Test Data

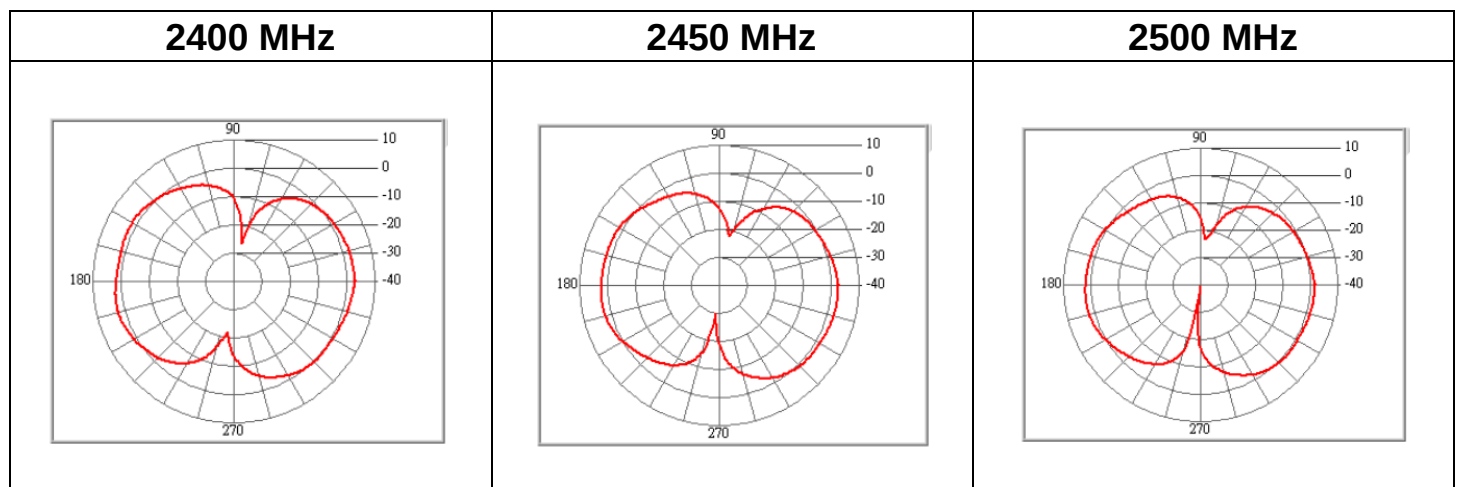
XY-PLANE



XZ-PLANE



XY-PLANE



Frequency	2400	2450	2500
Peak Gain(dbi)	2. 89	3. 22	2. 49