

2.4GHz Wire type Antenna: ANT0050BB2400ABB

Manufacturer: Dongguan Hekang Electronics Co., Ltd.

Address: Room 301, Building 7, Shidai Zhirui Technology,
No.159 Luwu Sanlian Road, Changping Town, Dongguan City,
Guangdong Province, P.R.China

Applications:

ISM band, Telemeter, keyless entry system...

Features

high reliability, ultra Impact, Omni-directional...

Part number

ANT 0050 B B 2400 A B B
(1) (2) (3) (4) (5) (6) (7)

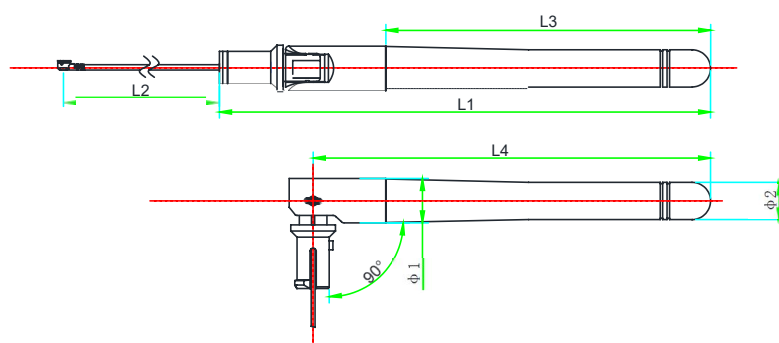
(1) Cable size	50mm
(2) Color	Black
(2) Packing	In bulk
(3) Frequency	2400MHz
(4) Cable model	φ 1.13
(5) Connector	I-PEX 一代
(6) TYPE	B(2.85dBi)



Electrical Specification

Centre Frequency	2400 MHz
Peak Gain	2.85dBi (Typ.)
Impedance	50 Ohm
VAWR	2.0 Max
Polarization	Linear
Azimuth Beam width	Omni-directional
Operation Temperature (°C)	-30~70°C

Dimension and Terminal Configuration

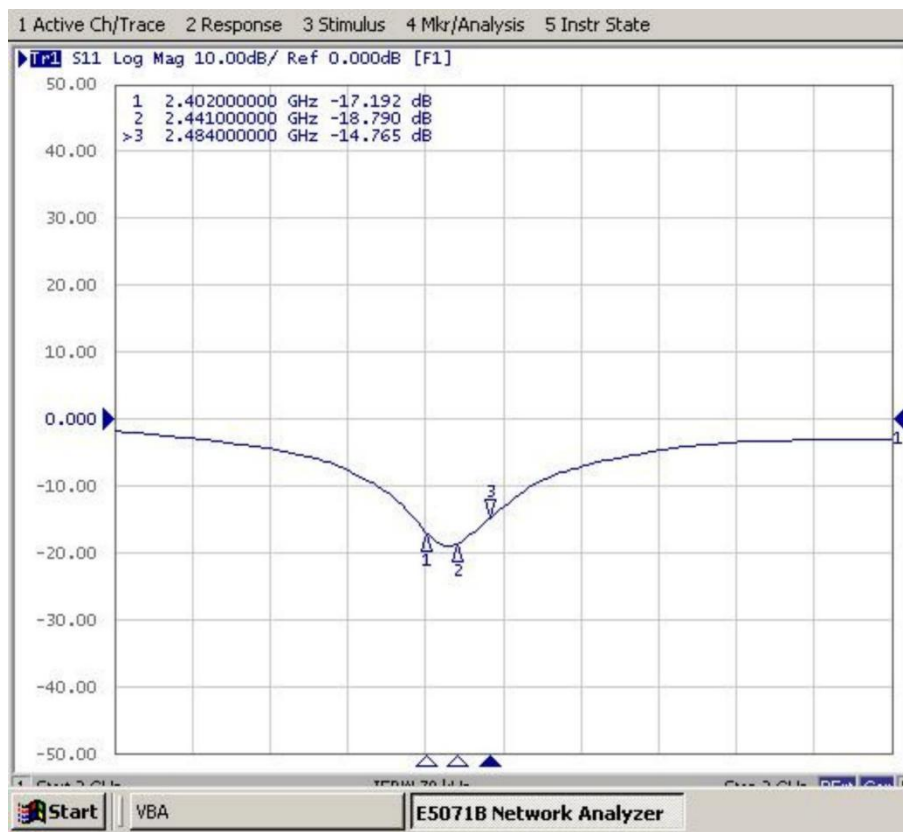


Dimension (mm)	
L1	105.0±2.0
L2	50.0±2.0
L3	67.5±2.0
L4	82.5±2.0
φ1	9.35±0.5
φ2	7.90±0.5

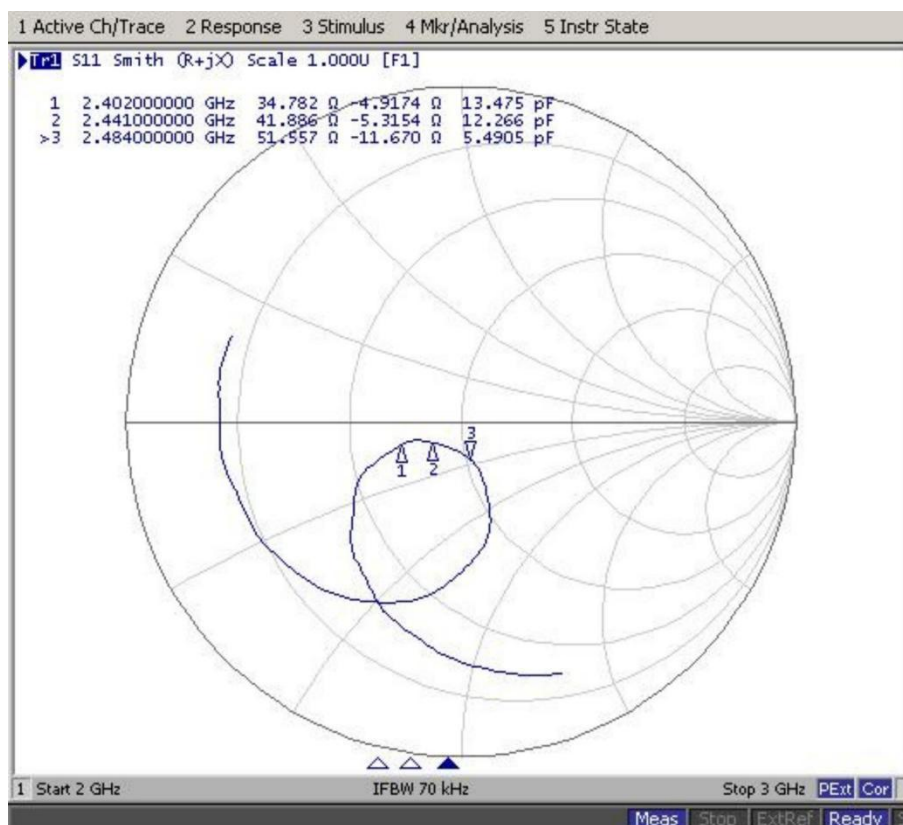
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Electrical Characteristics

Return Loss

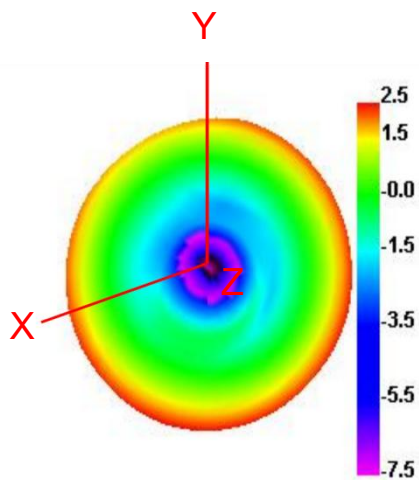


Smith Chart

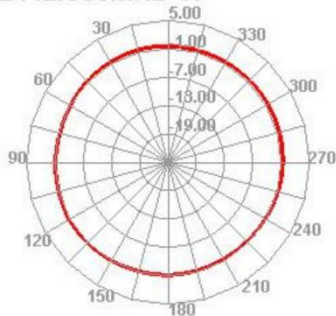


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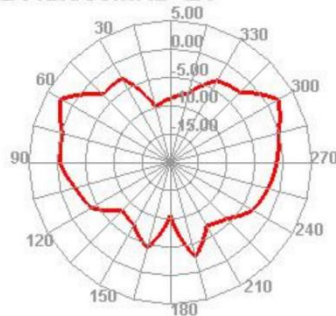
Radiation Pattern (辐射场型)



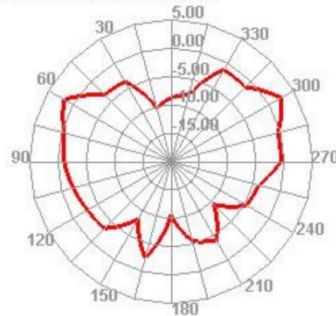
2442.000MHz H



2442.000MHz E1



2442.000MHz E2



Frequency(MHz)	Efficiency (%)	Efficiency (db)	Gain(dBi)
2402	68.36	-1.65	2.07
2441	69.73	-1.57	2.85
2484	72.76	-1.38	2.05