

天线规格承认书

Antenna Specification for Approval

公司名称: 深圳市利信辉电子有限公司

Company address: 211 Zongtai Green Kaizhi Hui Yuan, Xingdong
Community, Xin'an Street, Bao'an District, Shenzhen

产品名称:

Product Name: 2.4G 天线 全长33mm黑色

客户型号:

Product Name: _____

产品料号:

Part NO.: C35-1.1

制 表:

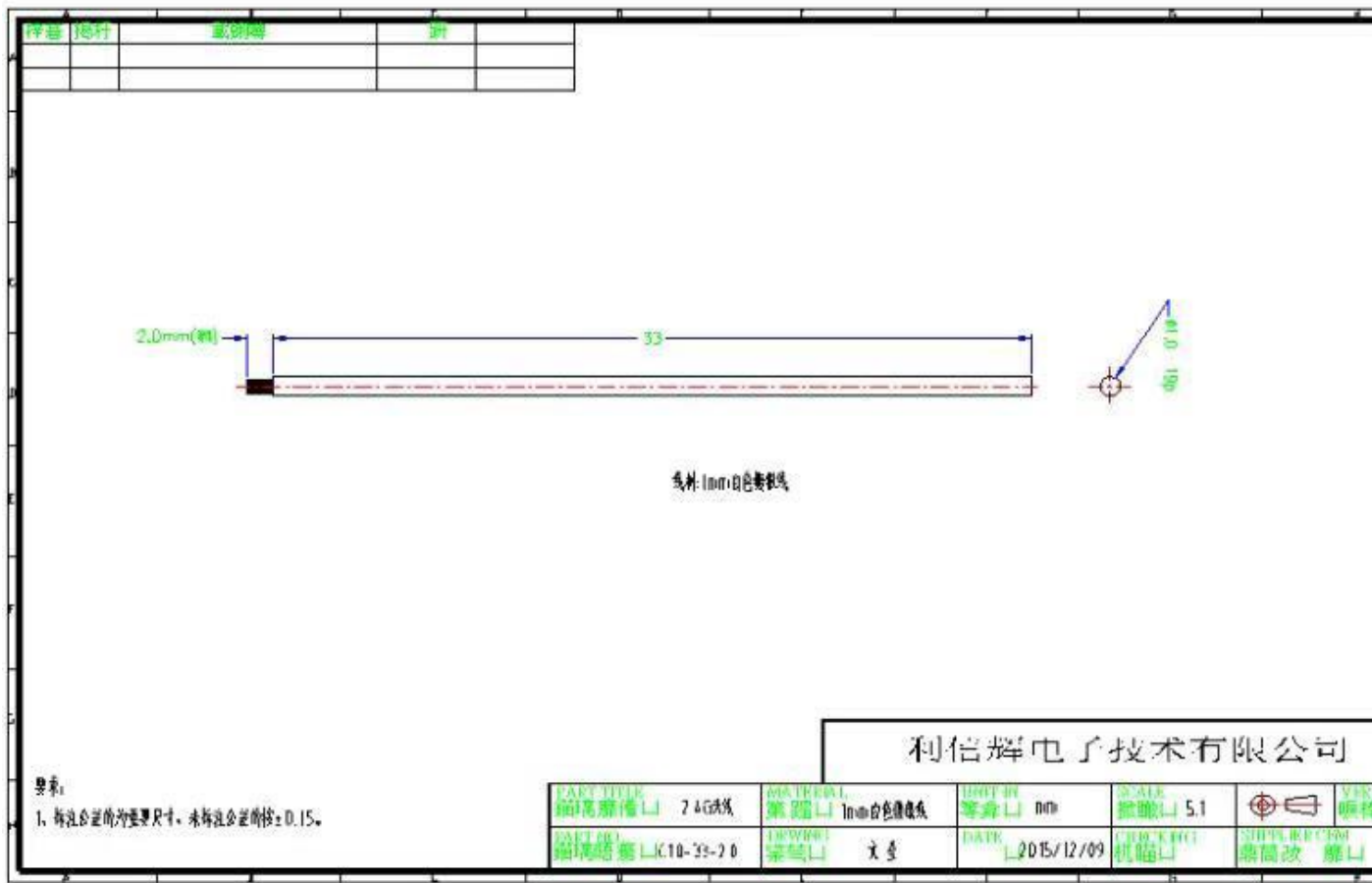
Write By: 周小敏

日 期:

Issued Date: 2019-7-20

客 户:

工程R&D Dept	采购Business Dept	承认 Approved By
研发R&D Dept	工程 Engineer Dept	审核 Approval



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >50%

Impedance 50 Ohm

Polarization Line

Gain 0DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 白色

Connector Type : NO

Dimension

C. Environmental

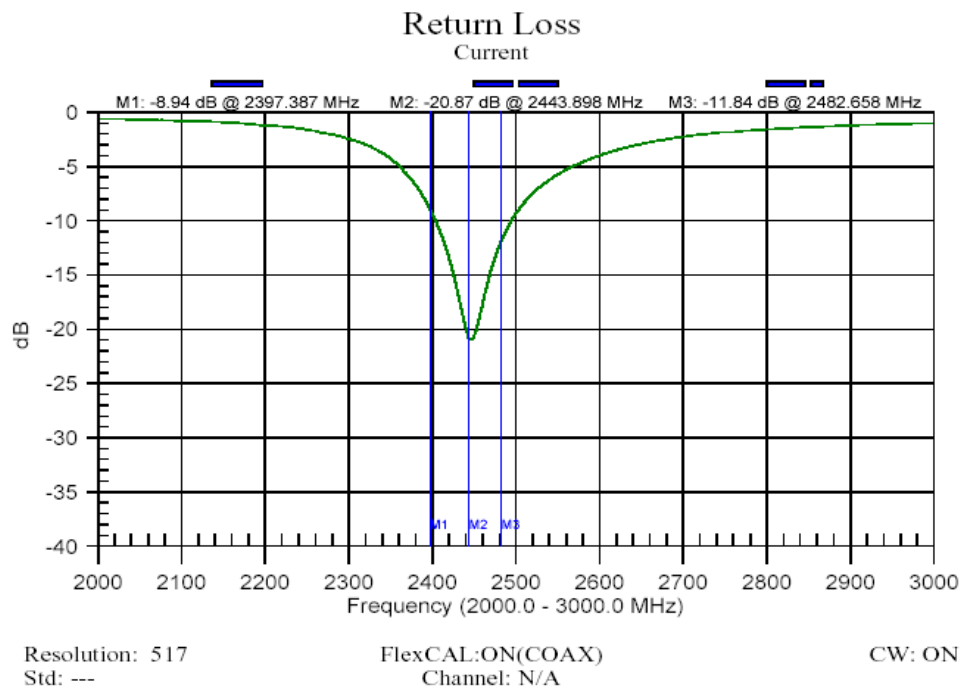
Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

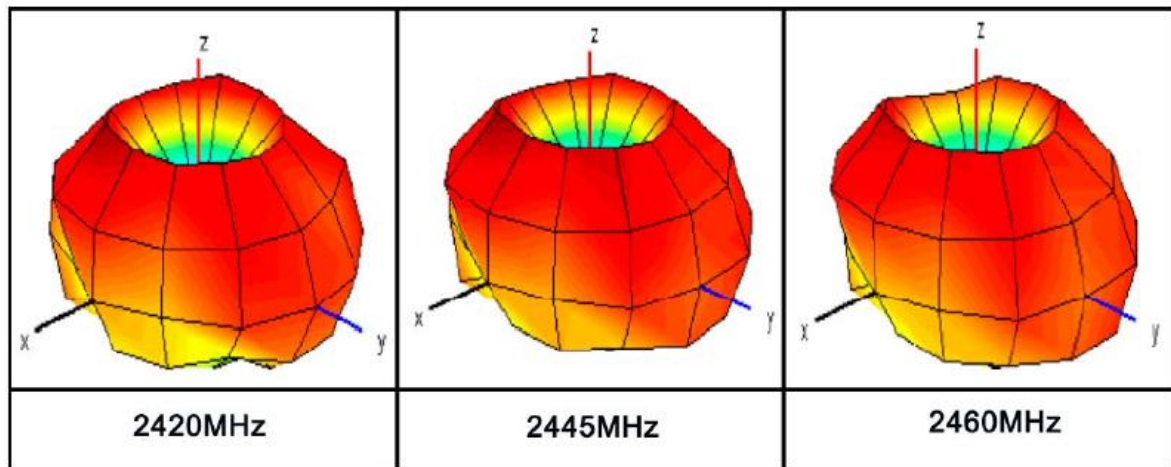
2. Electrical Characteristics

No.	Item	Specifications
1	Working Frequency	2400~2500MHz
2	Gain	0dBi
3	V.S.W.R (in BW)	<2.0
4	Polarization	Linear
5	Azimuth Beam width	Omni-directional
6	Impedance	50 Ω

3. Return Loss and Smith Chart



3D Radiation Pattern



Frequency (GHz)	2.4GHz	2.41GHz	2.42GHz	2.43GHz	2.44GHz	2.45GHz	2.46GHz	2.47GHz	2.48GHz	2.5GHz
Efficiency(dB)	-5.1	-4.81	-4.60	-4.19	-4.00	-4.10	-3.78	-3.69	-3.81	-3.51
Efficiency(%)	52.98	55.36	58.09	63.39	66.01	65.09	70.01	70.26	68.74	73.51
Pick Gain (dBi)	0.00	-0.07	-0.11	-0.05	-0.01	-0.15	-0.03	0.00	-0.06	-0.10