

Dongguan Kexun Electronics Co., Ltd**Parts Approval Sheet**Supplier: **Dongguan Kexun Electronics Co., Ltd**

Parts Name: 2.4G antenna 1.37-long-90

Type/Spec: _____ Parts No.: **10030043**Brand: _____ Quantity: 10pcsSend out Date: **2022.10.19** Document No.: _____

Approve Date: _____ Version: _____



Supplier		Customer	
Approved By	Prepared By	Engineering Dept.	Quality Dept.
梁兴	王利		

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一、Electrical parameters

Frequency Range	2.4-2.5 GHz
Impedance	50 Ω
VSWR	$\leq 2:1$
Peak Gain(dBi)	5.0dB
Power capacity	2W
Polarization	Linear horizontal
Radiation	Omni-directional

二、Mechanical parameters

See line length	90 $\pm$ 5mm
concentric cable	1.37

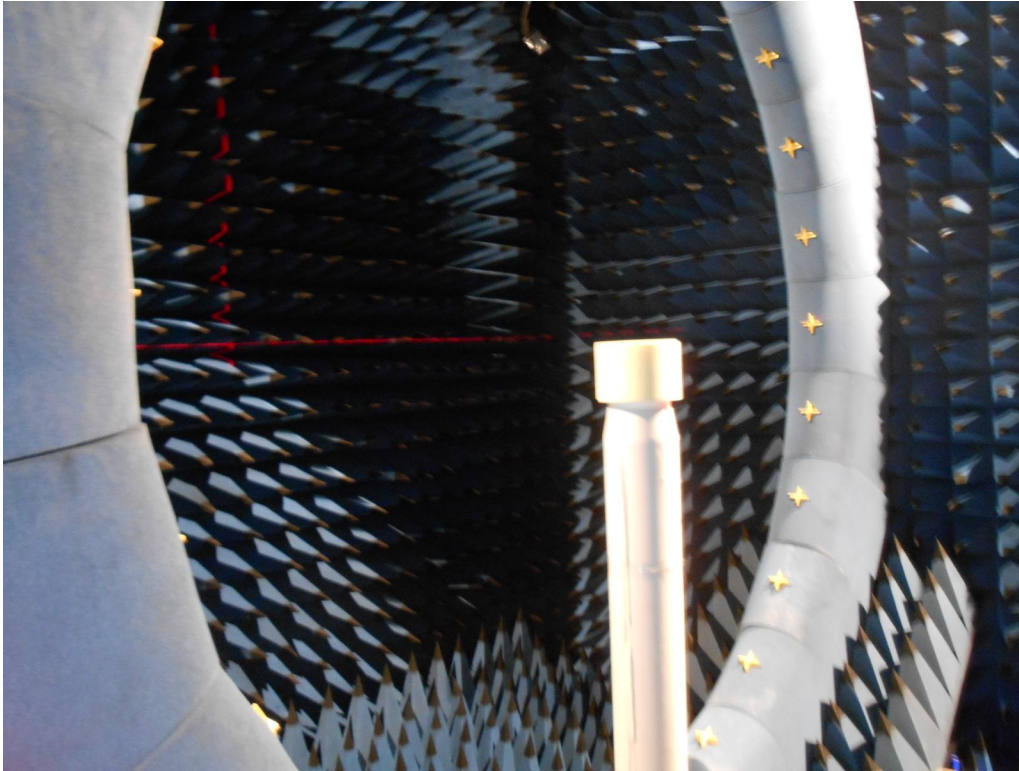
三、工作/储存温度

Operating Temp	-30 $^{\circ}$ C $\sim$ 65 $^{\circ}$ C
Storage Temp	-30 $^{\circ}$ C $\sim$ 75 $^{\circ}$ C



四、Test equipment:

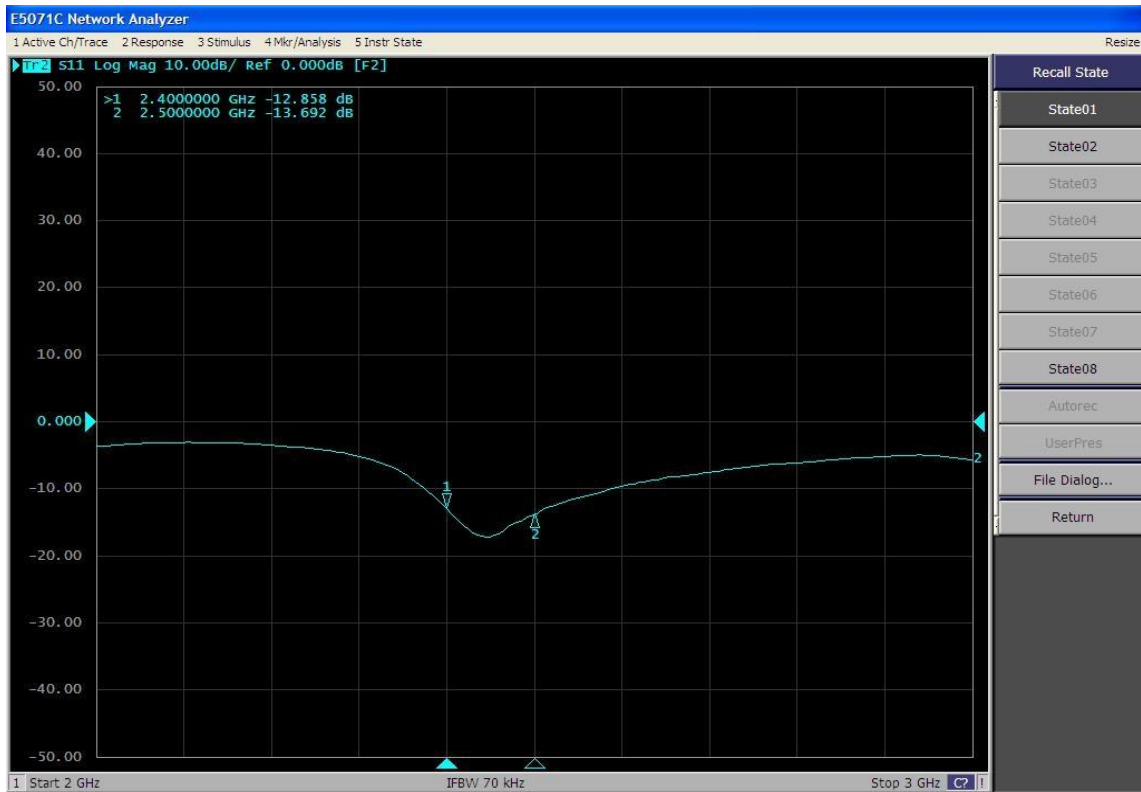
SATIMO 24SG



六、Precautions for use: NO

七、test data

1、Return Loss and Standing Wave Ratio(2GHz)



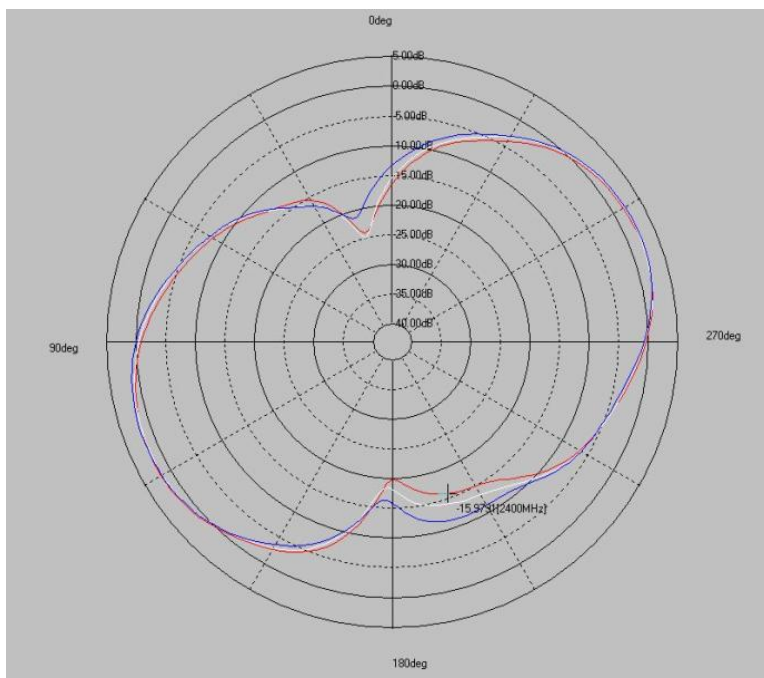
2、Benefits and Benefits

Frequency	X-Z plane		Y-Z plane		X-Y plane		E-total	Efficiency
	Phi=0		Phi=90		theta=90			
(MHz)	Peak Gain	Averag e Gain	Peak Gain	Averag e Gain	Peak Gain	Averag e Gain	(dBi)	(%)

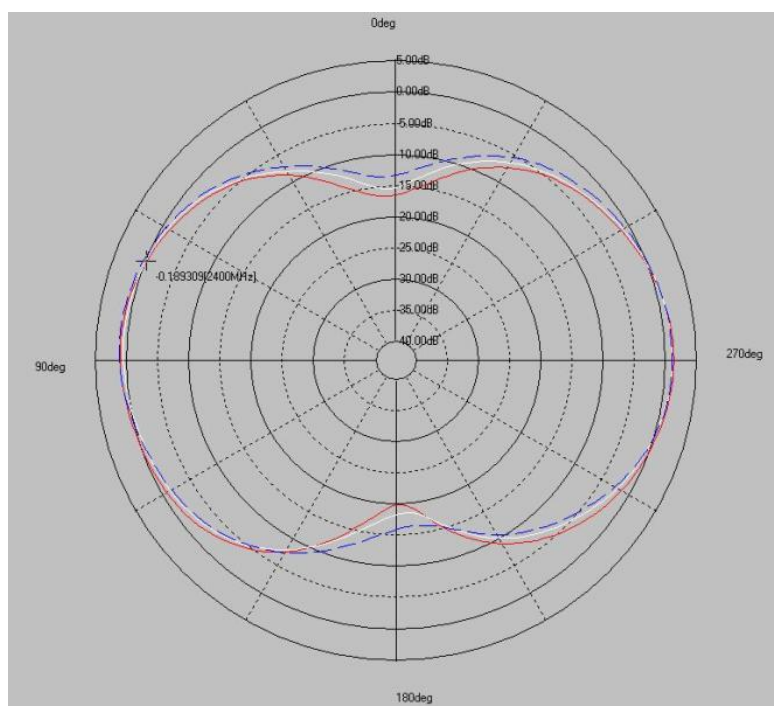
2400	3.11	-2.54	3.40	-5.05	2.62	2.45	4.43	68%
2450	3.20	-2.21	3.13	-5.19	2.70	2.36	4.62	75%
2500	3.32	-2.91	3.30	-4.88	2.63	2.56	4.98	72%

3. Directional pattern

x-z plane



y-z plane



x-y plane

