

东莞市众驰电子有限公司
Dongguan Zhongchi Electronics Co.Ltd.

Add:Room 301, Building 2, No. 1, Shangjiaopu New Road, Chang 'an Town,
Dongguan City, Guangdong Province

Customer: _____

Customer P/N: _____

Zhongchi P/N: ZCB0860-04B01SM-1.5M

Description : 860-930MHzzAntenna L=1500.0+SMA

Zhongchi Checked By:	Customer Approved By:

Sample Photo



A. Electrical Characteristics

Frequency	860-930MHz
S.W.R.	≤ 2.0
Antenna Gain	2.84dBi
Polarization	Linear
Impedance	50 Ohm

B. Material & Mechanical Characteristics

Material of Radiator	Spring Line
Material of Plastic	Body: ABS
Connector Type	SMA Male
Cable Type	RG174
Connector Pull Test	≥ 3 Kg

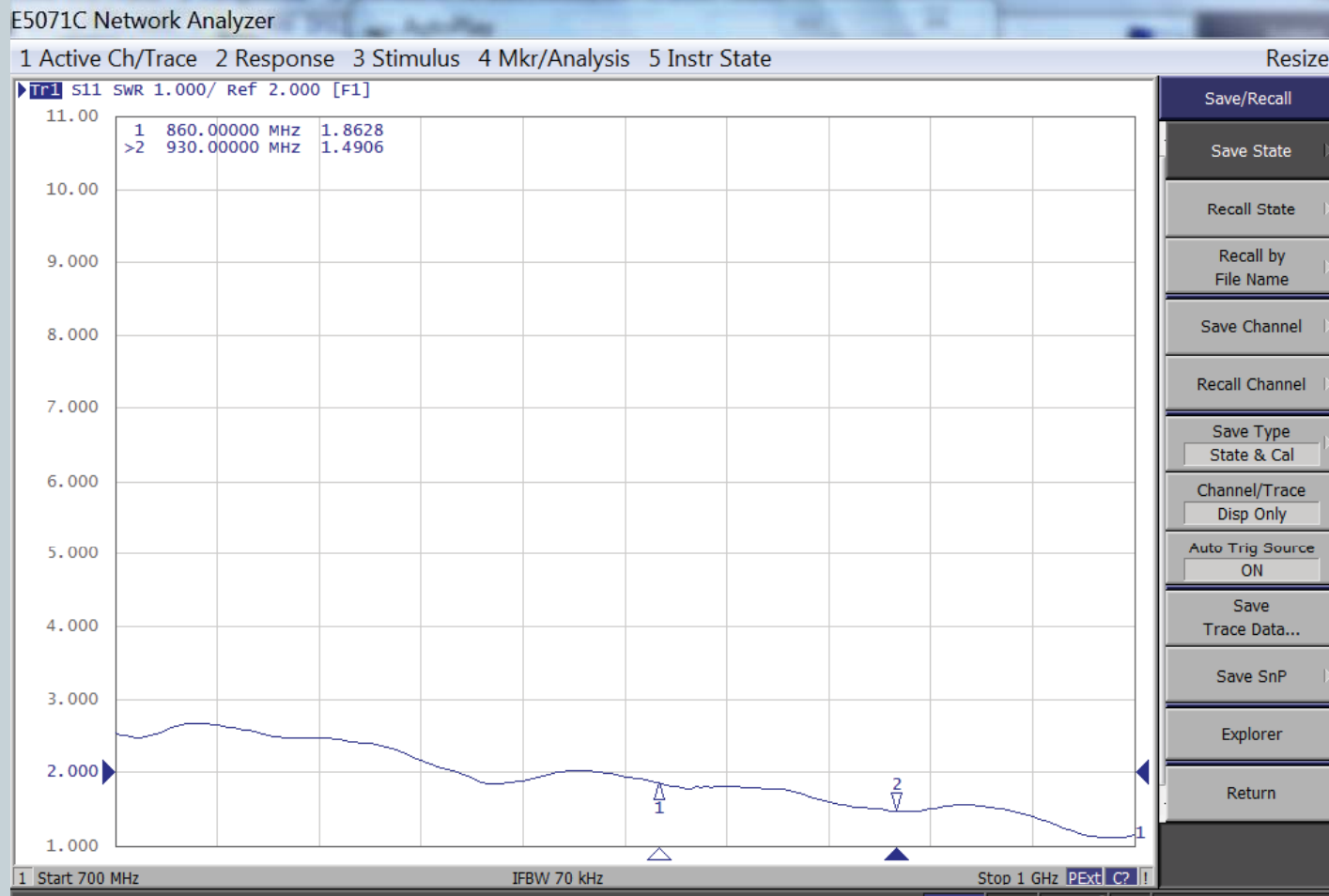
C. Environmental

Operation Temperature	- 40 °C ~ + 80 °C
Storage Temperature	- 40 °C ~ + 80 °C

VSWR Test

(860-930MHz)

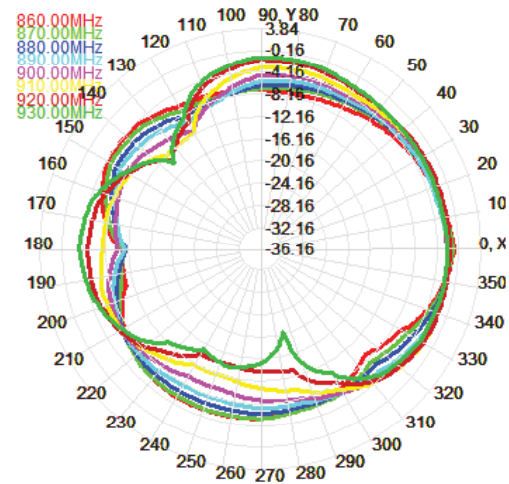
4



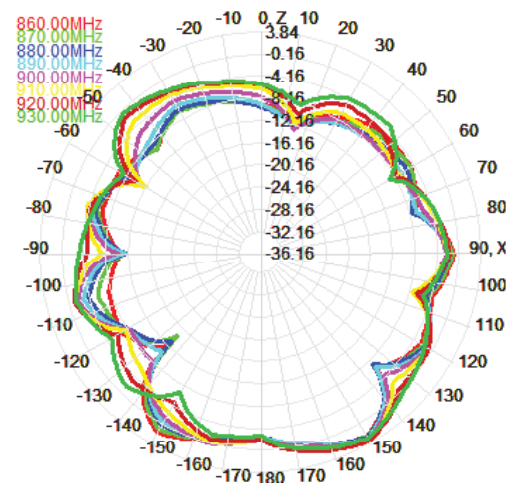
2D Radiation Pattern

(860-930MHz)

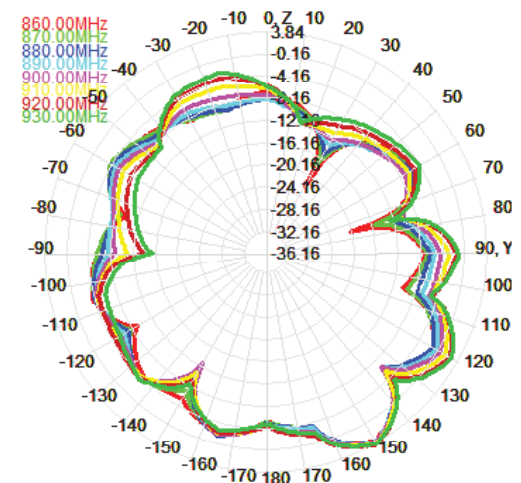
XY



XZ



YZ



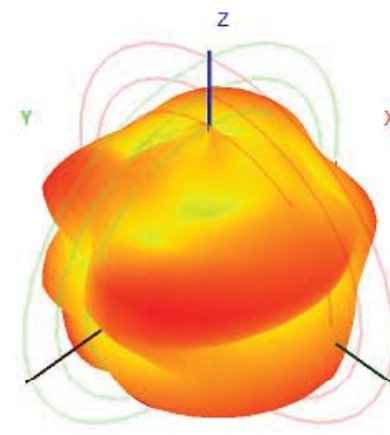
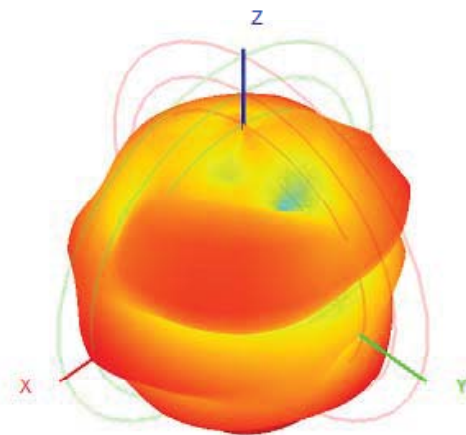
3D Radiation Pattern

(860-930MHz)

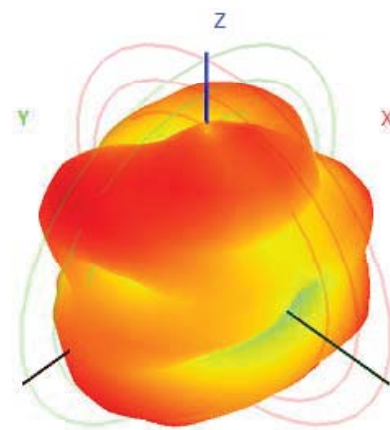
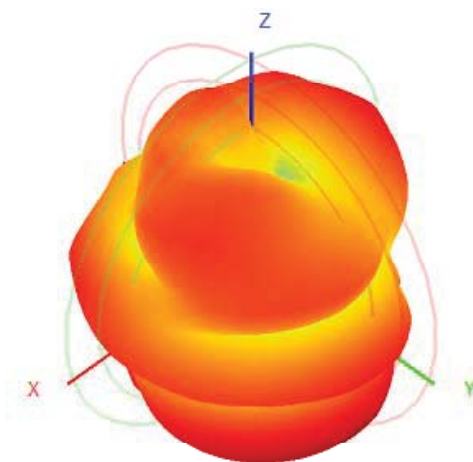
Front View

Back View

860 MHz



930 MHz



Results Summary

(860-930MHz) VSWR

Frequency (MHz)	Lora
860	1.8
930	1.4

Results Summary

Frequency (MHz)	Lora	
	Peak gain(dBi)	Efficiency (%)
860	2.09	43.52
870	2.33	43.87
880	2.27	43.18
890	2.34	43.98
900	2.39	46.45
910	2.59	49.75
920	2.84	49.41
930	2.72	48.37

Compatible

REV.	DESCRIPTION	DATE
<u>A</u>		2025-03-21



Dongguan Zhongchi Electronic Technology Co., Ltd
 Tel: 0769-81238620
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APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
		HYH	UNITS: mm	X. X ± 0.50
			SCALE: 1/1	X. XX ± 0.15
			REVISION: A	X° $\pm 3^\circ$

7	Antenna	ø45.7*17.9mm	1
6	EVA	ø45.0*1.0mm	1
5	Nut	Cu H16*5.0mm	1
4	Screw teeth	Cu M12*10.5mm	1
3	Cable	RG174 Black	1
2	Heat Shrink Tube	ø4.0*20.0mm Black	1
1	SMA Male	Au Plated	1
NO	PART NAME	DESCRIPTION	Q. TY