



GR-U-CM911

Antenna Specification Document

Shenzhen Feirui Intelligent Co., Ltd.

Revision History

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I. Antenna Introduction

Antenna frequency: 7.75~8.25GHz

Directionality: Omnidirectional antenna

Antenna dimensions: 0.8mm × 4.8mm



Figure 1 GR-U-CM911 Antenna

II. Antenna Performance

Electrical Specification		
Frequency	7750-8250	MHz
VSWR	<2.0	
Return Loss	<-10	dB
Peak Gain	0.9	dBi
Impedance	50	Ohm

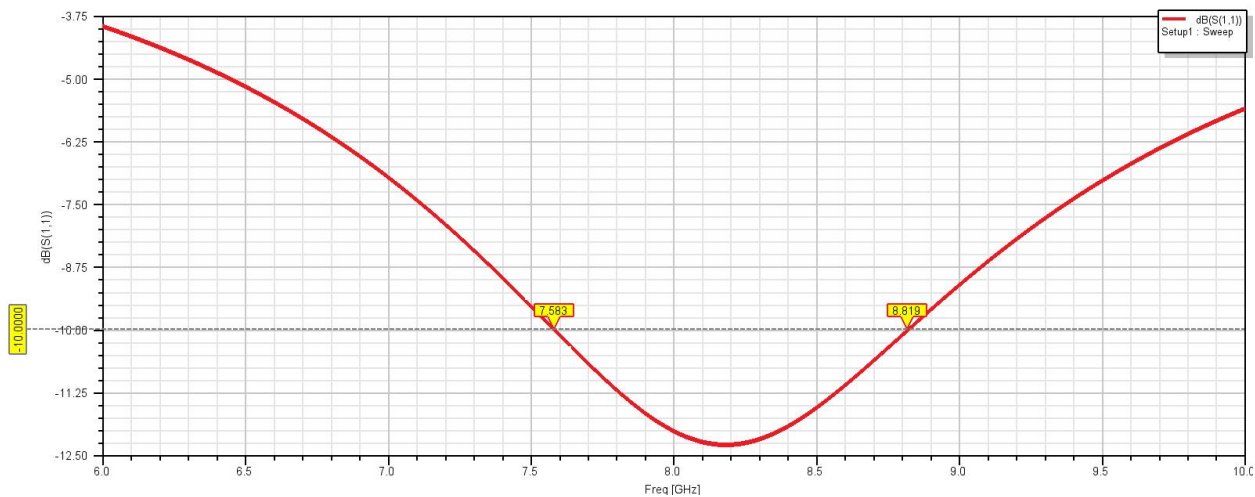


Figure 2 Antenna Return Loss

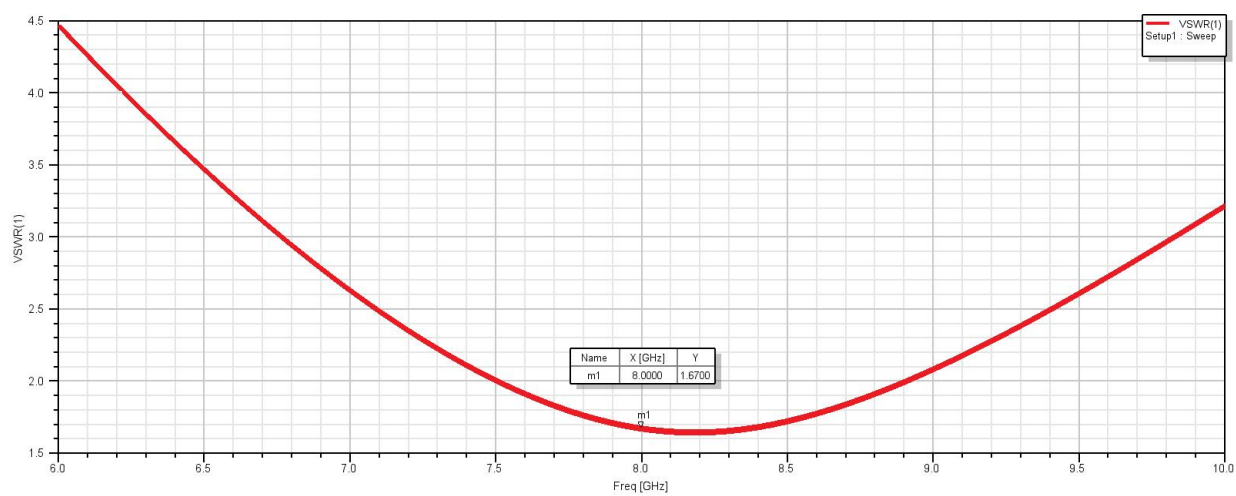


FIG. 3 Voltage Standing Wave Ratio

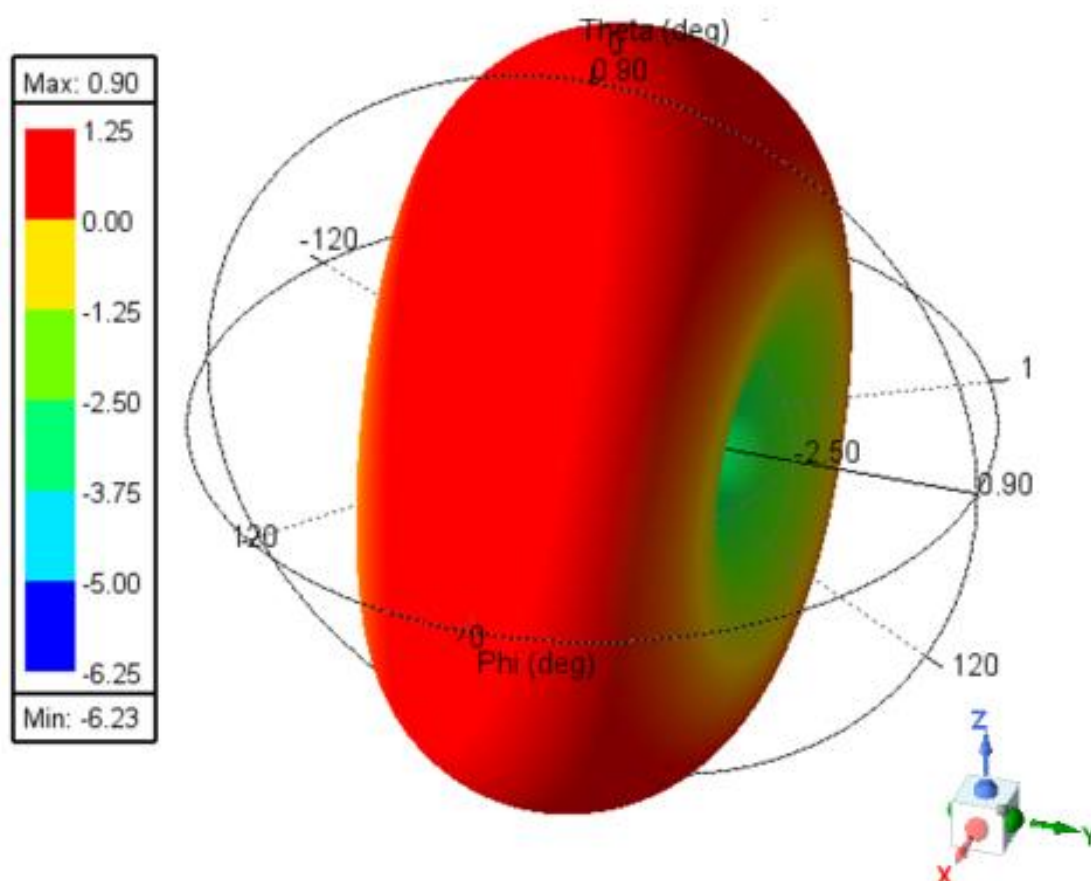


Figure 4 8GHz 3D Radiation Pattern of the Antenna

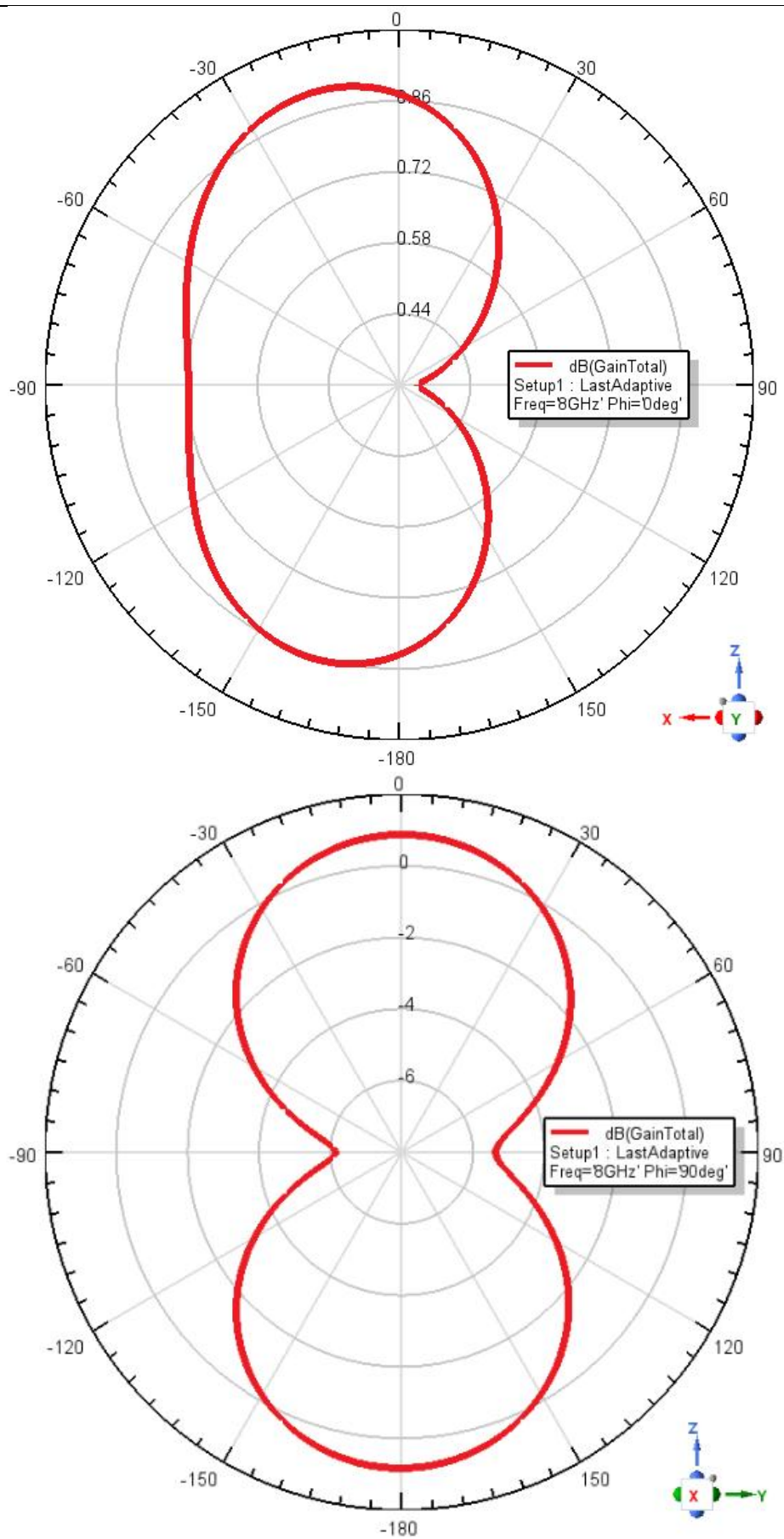


Figure 5 8GHz 2D Antenna Pattern

3. Contact Us

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