



FR-U-FS100-I-AIP-V1
Antenna Specification Document

Shenzhen Feirui Intelligence 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 FR-U-FS100-I-AIP-V1 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

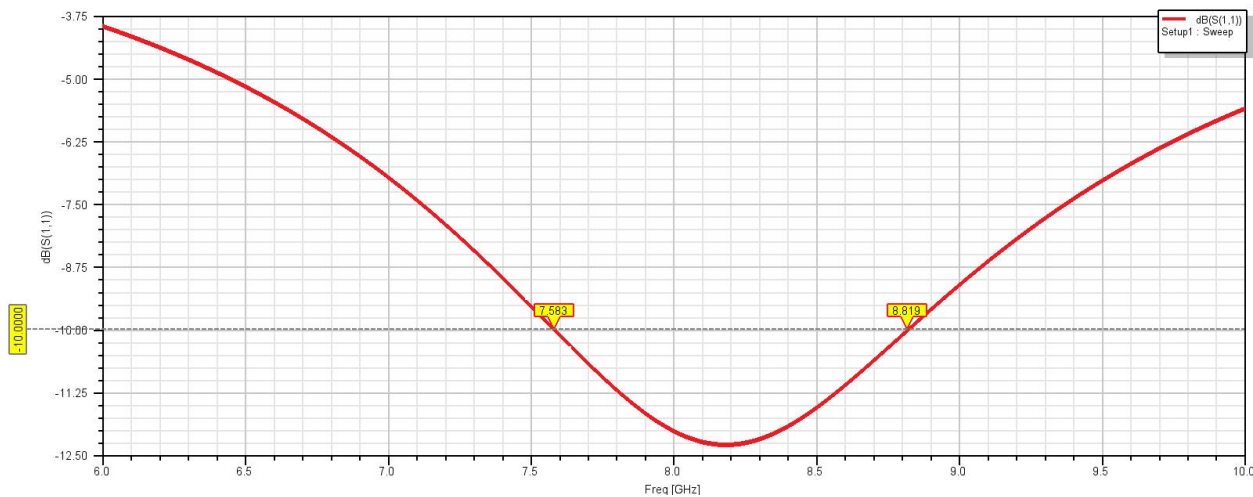


Figure 2 Antenna Return Loss

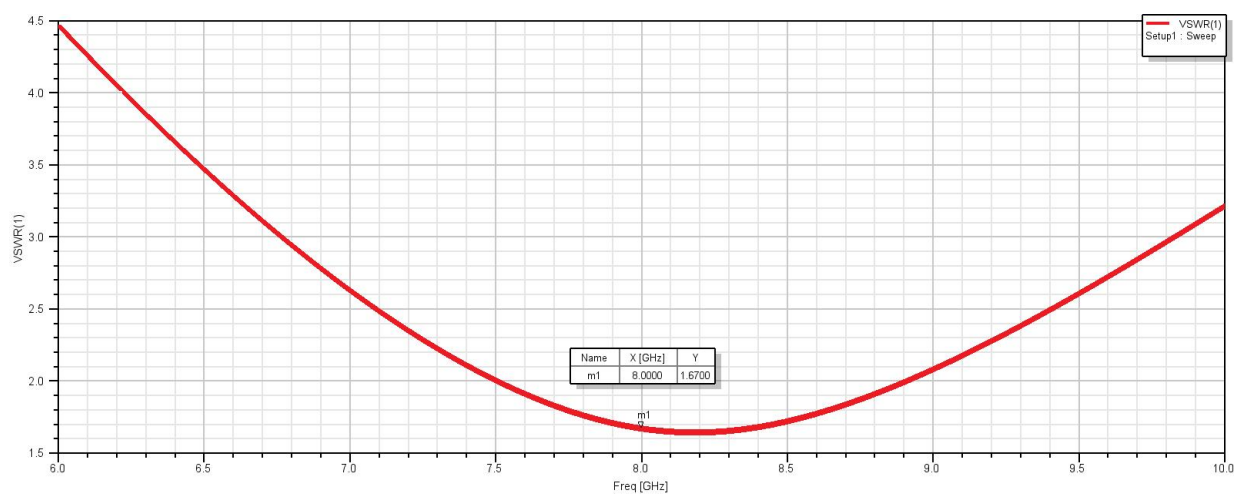


Figure 3 Voltage Standing Wave Ratio

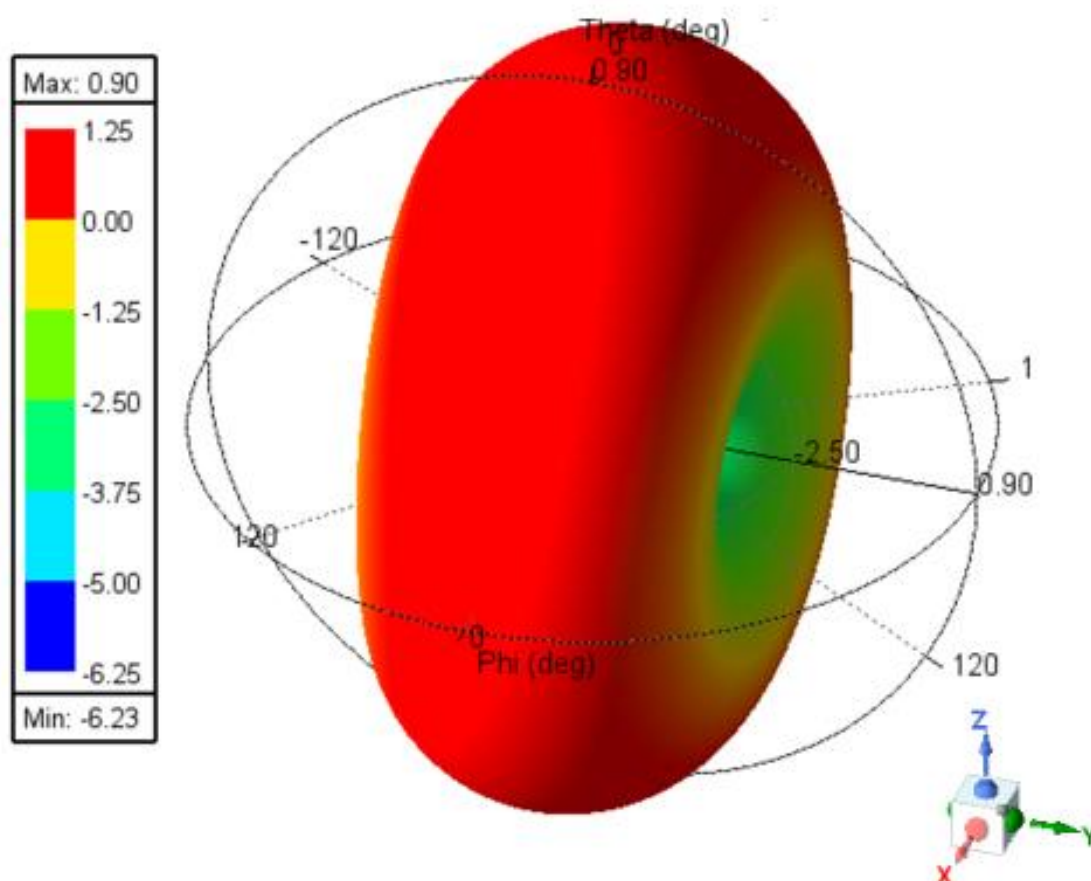


Figure 4 8GHz 3D Antenna Pattern

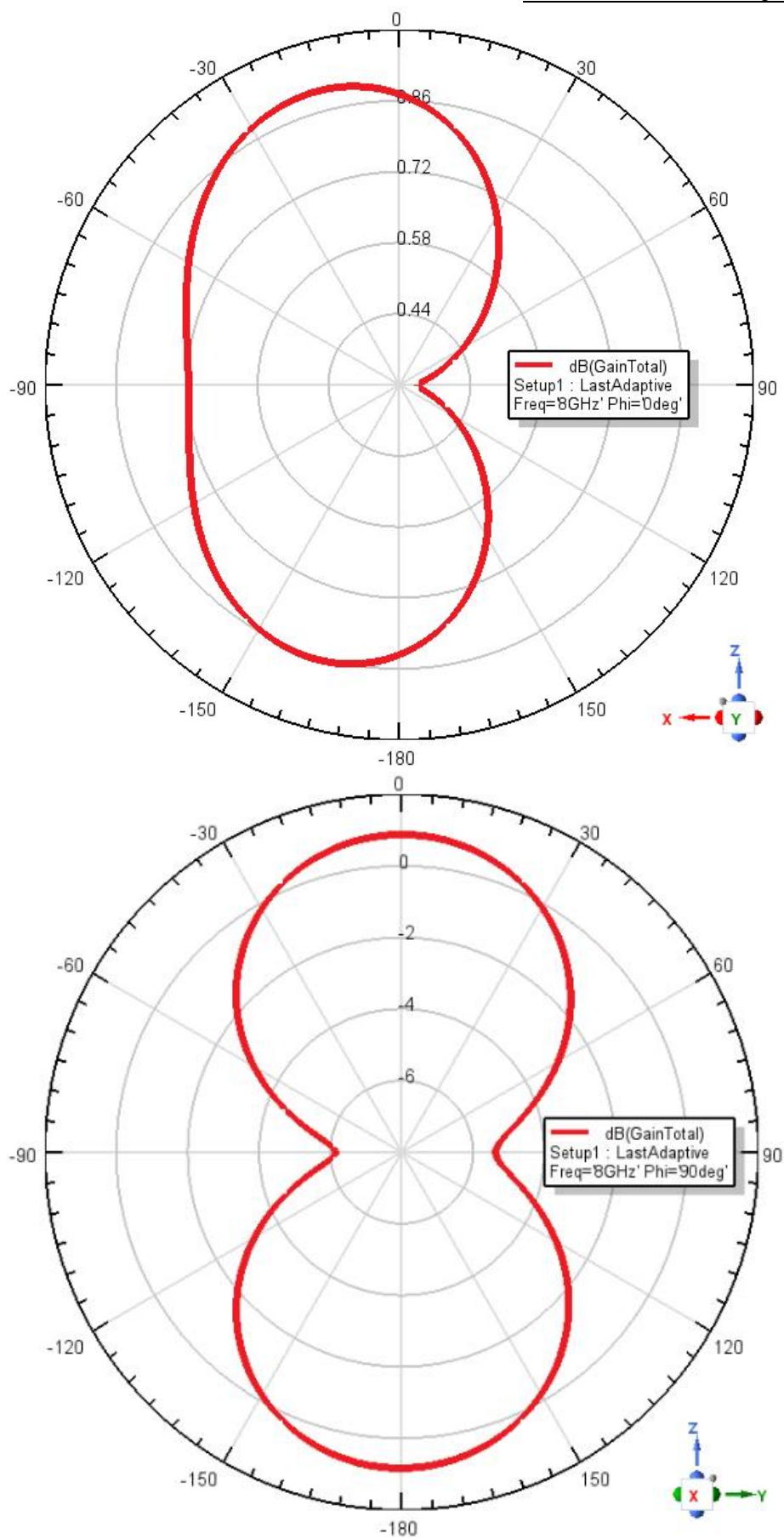


Figure 5 8GHz 2D Antenna Pattern

3. Contact Us

Shenzhen Feirui Intelligence Co., Ltd.

Address: 1402, Block A, Huizhi R & D Center, Longteng Community, Xixiang Street, Baoan District, Shenzhen

Tel: +86-755-2300 0631

Website: www.feels-real.com



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