



Antenna data sheet

PRODUCTS: _____ FPC antenna _____

PART NO: _____ FM-S2588-Z10-flip over _____

Peak Gain: _____ 2.71dBi _____

Data: _____ 2024.12.20 _____

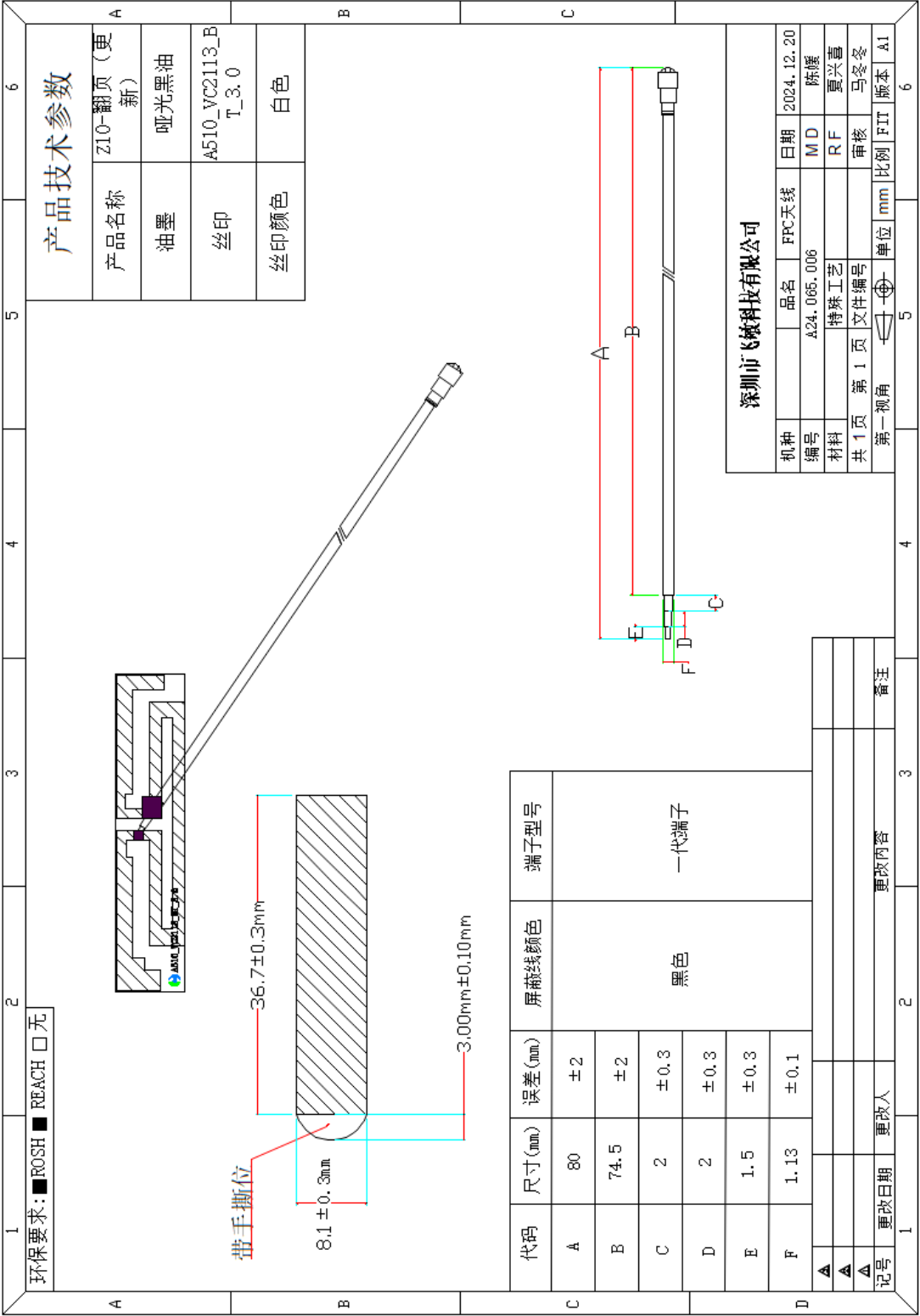
REMARK: Please send us one (or copy) of this approval with stamp after accepting, other copies filed by the customer.

Manufacturer : ShenZhen City FeiMin Technology CO., LTD.

ADD: Room 303, Building C, Hengnan one Road, Gushu community, Xixiang Street,
Bao' an District, Shenzhen City, China

1. Project Information

1.1.Appearance and Dimensions

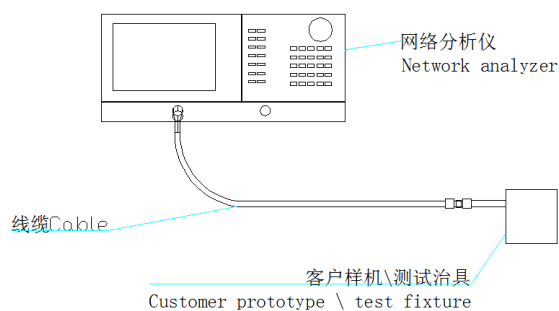


2. Electrical Characteristics

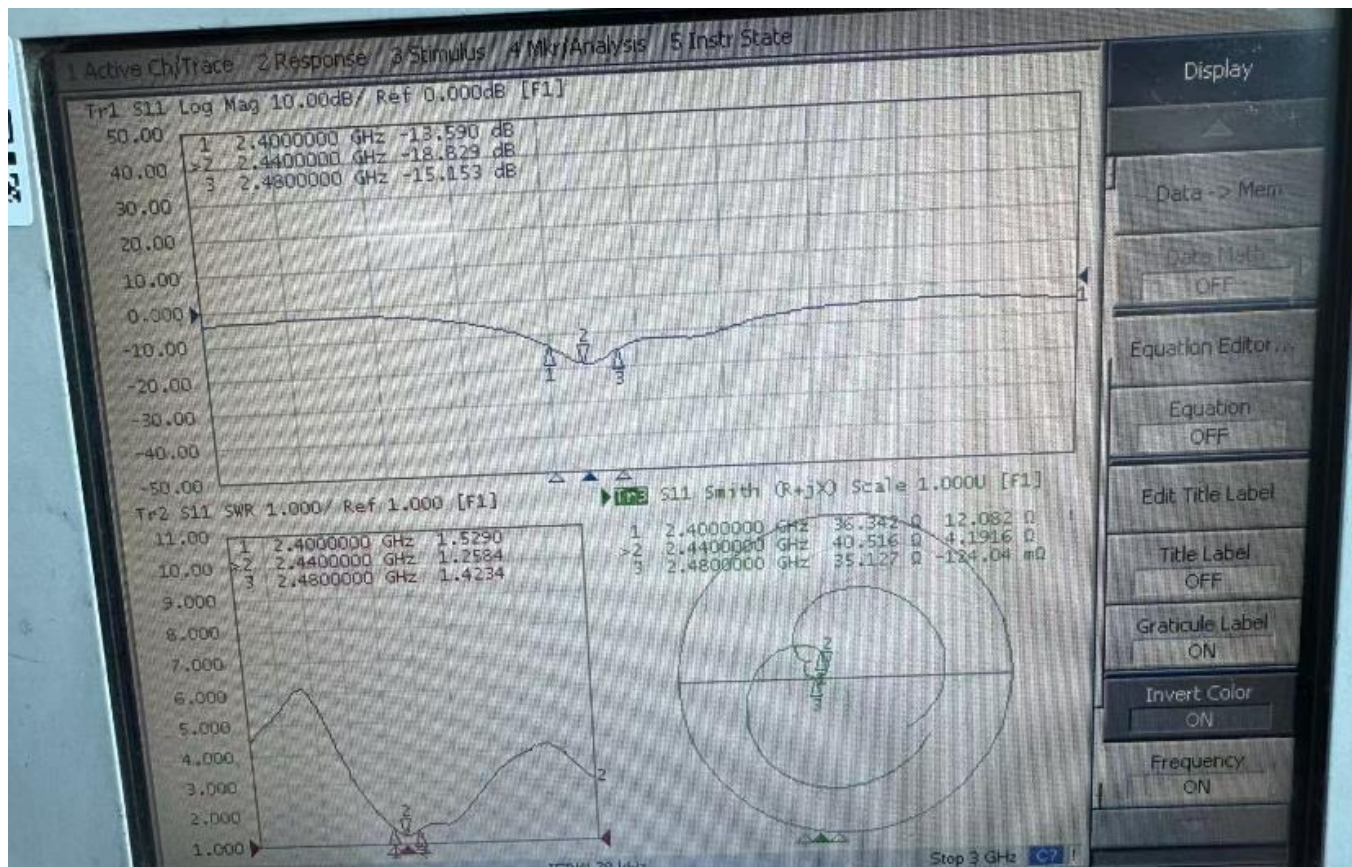
2.1. Test Environment Conditions

Temperature	Ordinary Temperature (5 to 35℃)
Humidity	Ordinary Humidity (25 to 85% RH)

2.2. Measurement method

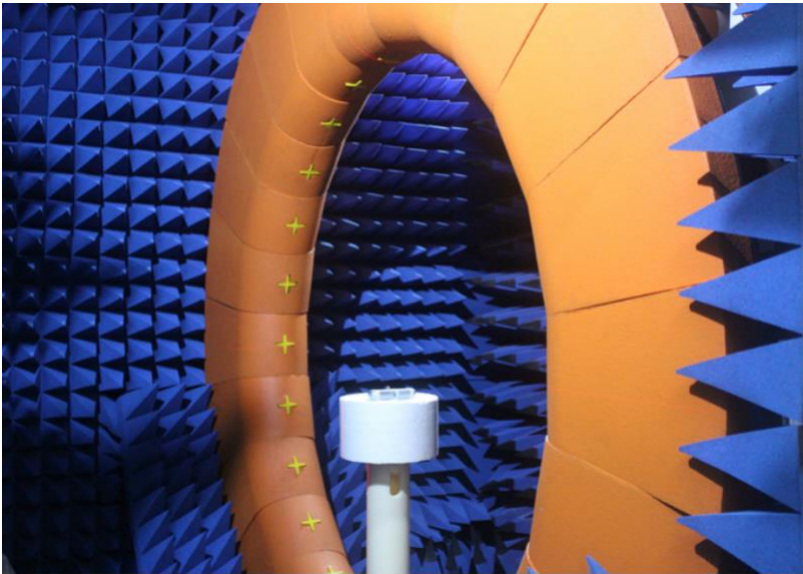


2.2.1. Antenna VSWR、Antenna Return loss、Antenna Smith



2.3. Antenna passive test data

2.3.1. Test system



2.3.2 Antenna efficiency and gain

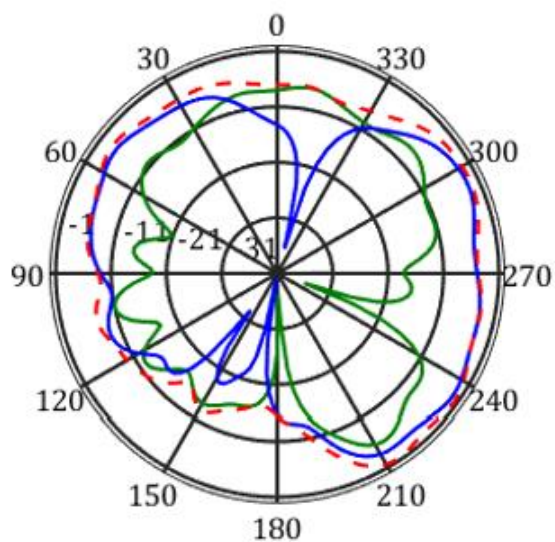
Left

Frequency (MHz)	Efficiency(%)	Gain(dB)
2400	34. 08	1. 88
2410	37. 14	2. 04
2420	38. 39	2. 51
2430	40. 13	2. 30
2440	41. 81	2. 60
2450	41. 44	2. 71
2460	41. 50	2. 27
2470	38. 44	1. 96
2480	38. 77	2. 04
2490	39. 93	2. 36
2500	39. 52	1. 83

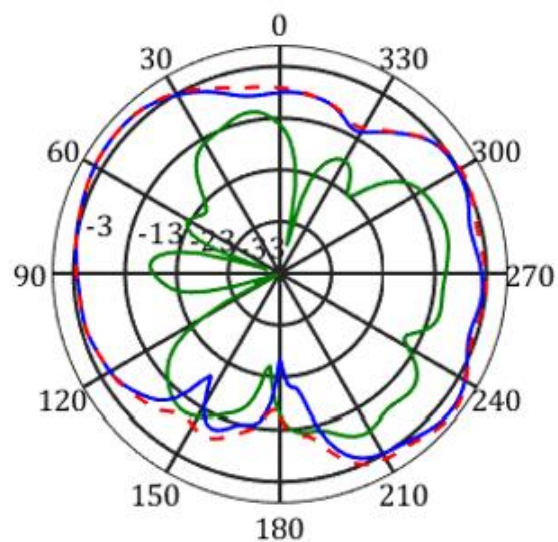


2.3.2. Antenna Radiation Pattern

frequency=2450MHz, X-Z Plane



frequency=2450MHz, Y-Z Plane



frequency=2450MHz, X-Y Plane

