

FT-006 天线测试报告

客 户	同创依诺
项 目	FT-006-BES2700方案
天线频段	BT
产品描述	FPC
日 期	2026-07-01

This report is to measure the performance of BT antenna for FT-O06. The antenna operating frequency at (2400-2500MHZ) , All test data are showed as below.

Content

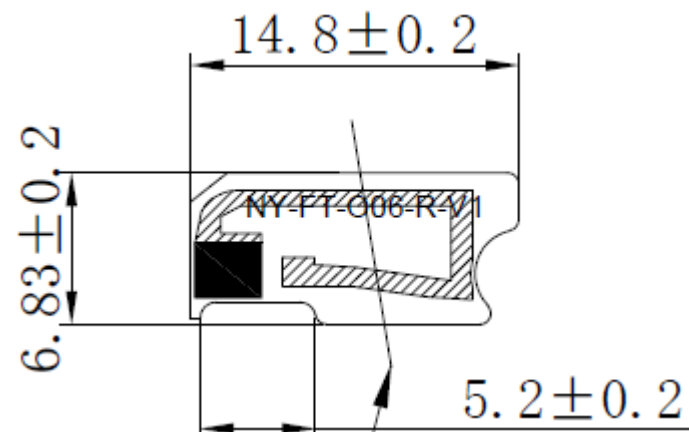
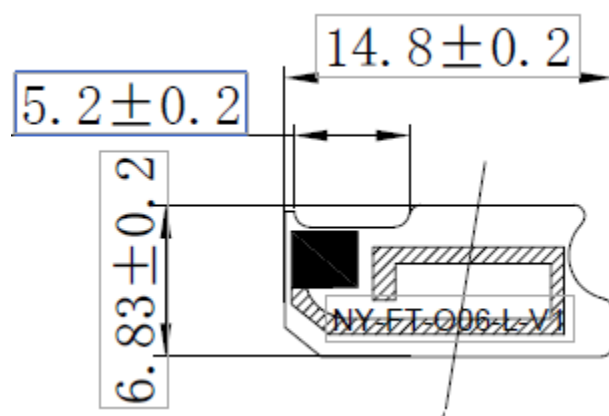
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2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & HP 8753
OTA Test	TRP&TIS	CMW500 & CMW270 ETS& FT SG24
Gain & Efficiency	Gain & Efficiency	ETS&FT SG24 Agilent 5071C

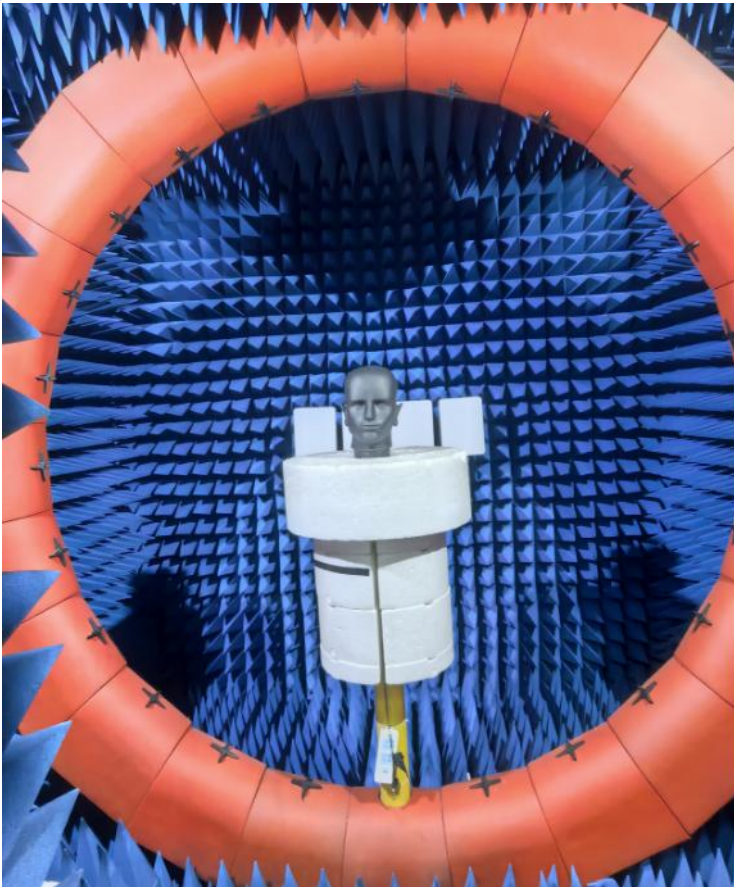


样机图片

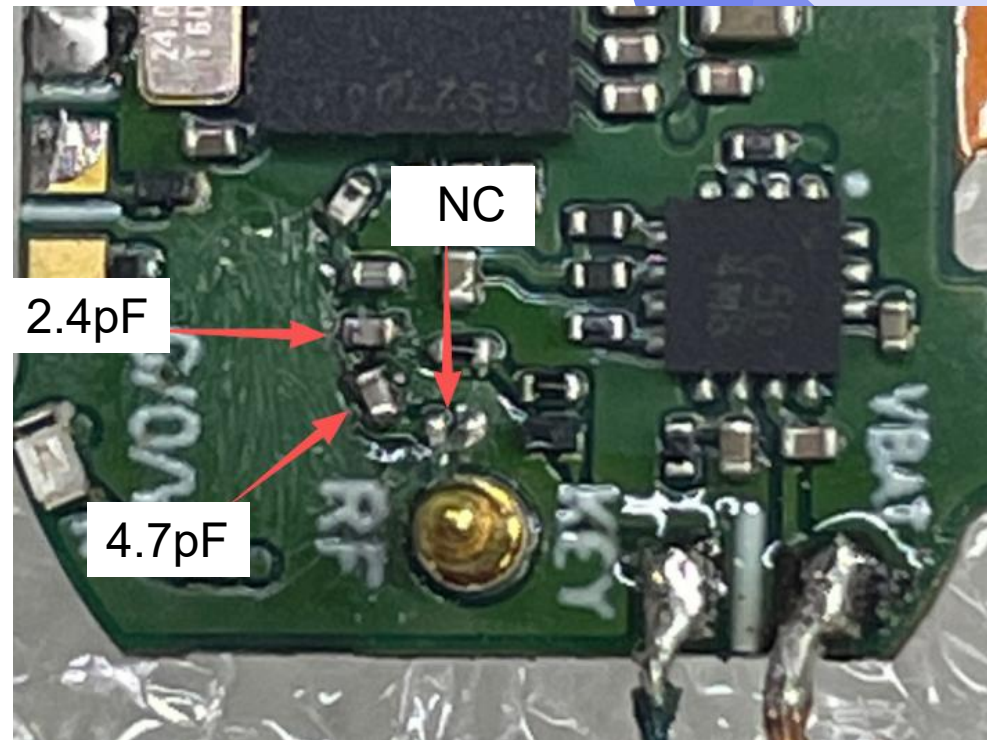
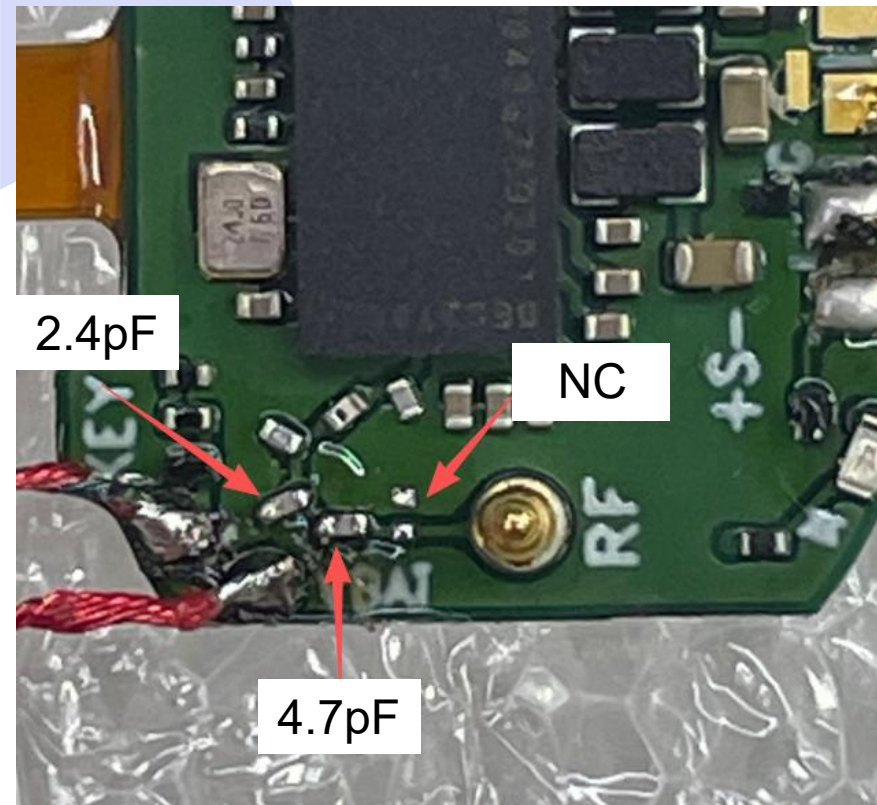


Test Result

OTA-BH

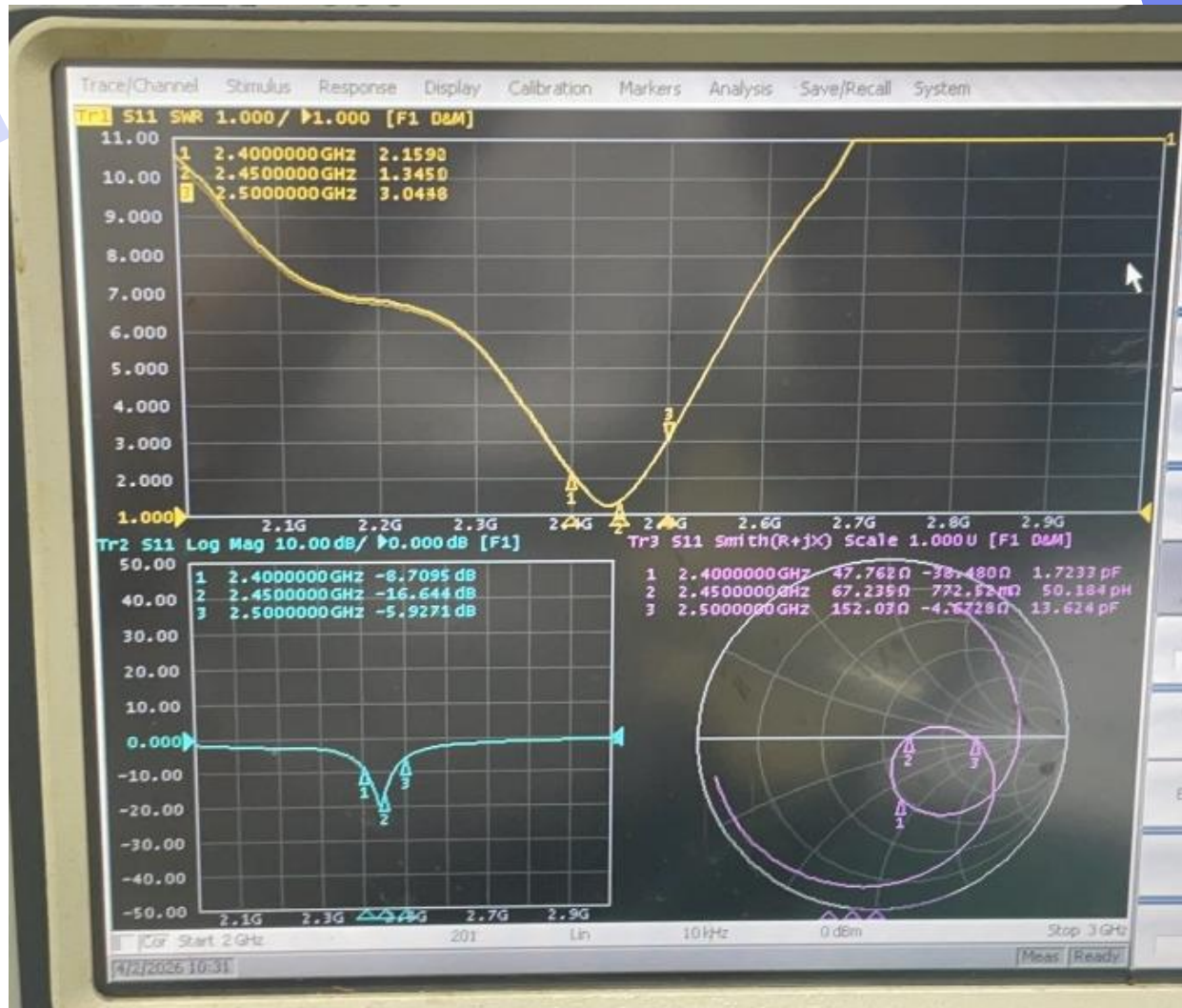


匹配 L&R相同



S11

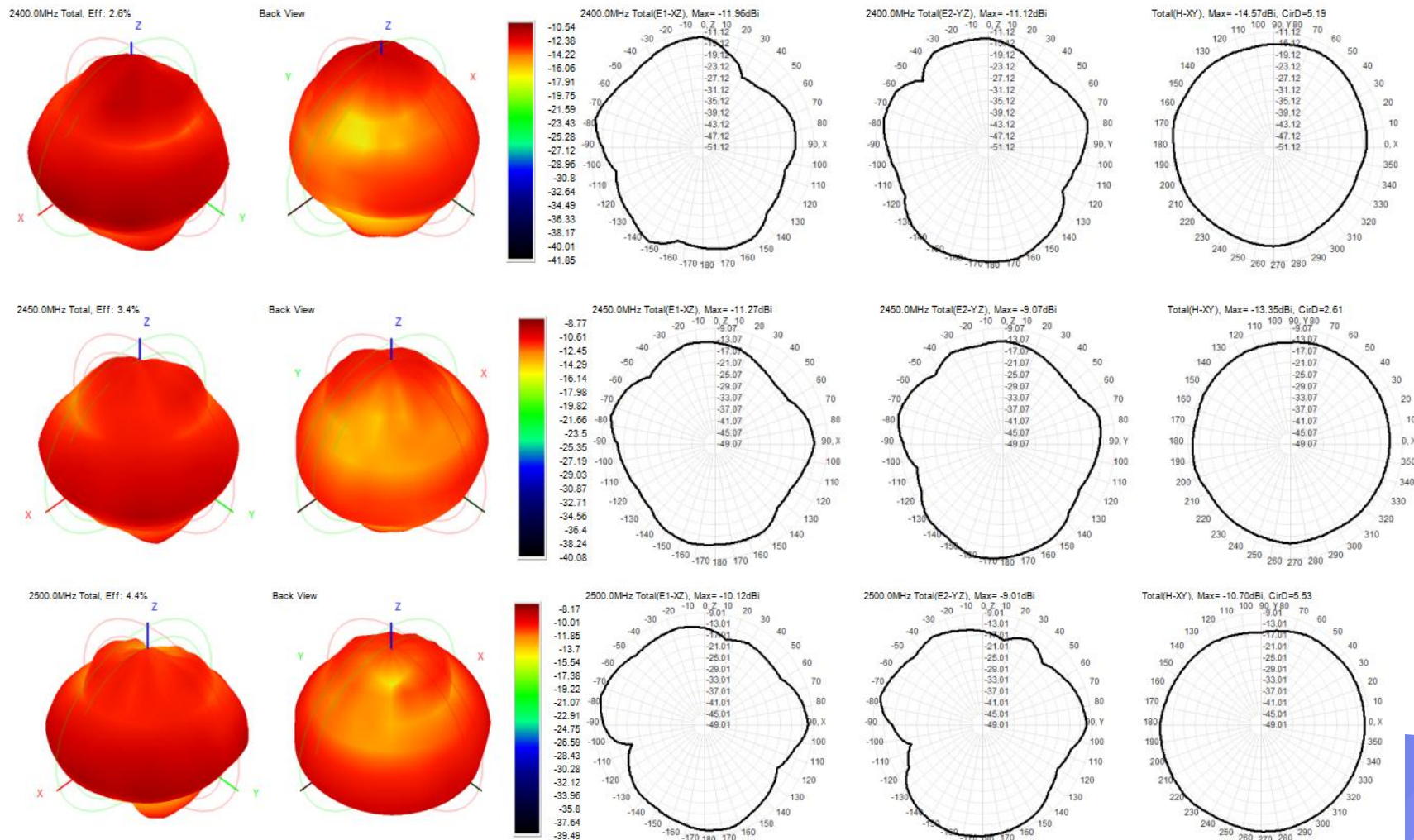
深圳市宁壹科技有限公司



VSWR

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	1.54	1.41	1.09	0.79	0.41	0.18	-0.03	-0.37	-0.70	-0.75	-0.87
Efficiency (%)	15.16	16.33	16.67	17.23	17.91	18.18	19.13	19.68	20.42	20.77	21.70

3D Pattern



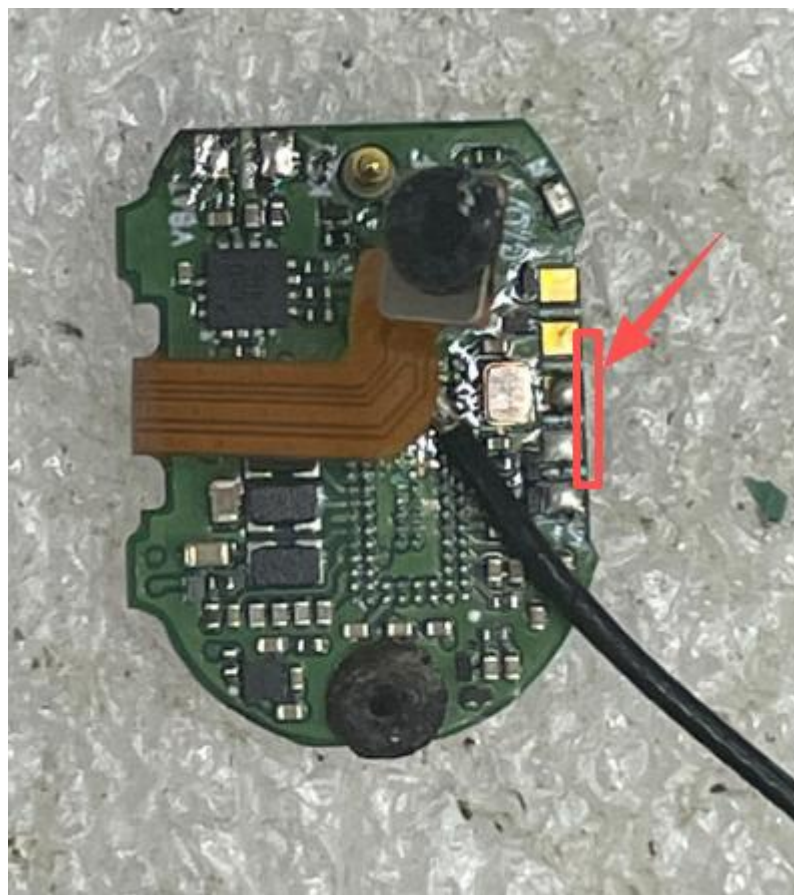
天线位置和组装方式



如图所示-天线上面垫一个2mm厚不导电泡棉，隔开主板排线
(排线压到天线上，对性能影响非常大)

说明

1, 目前主板排线是从左边延申, 会盖住FPC天线, 后面改版, 建议从右边伸出来



Thanks for your comment!

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