



深圳市英佳创电子科技有限公司

Shenzhen Yingjiachuang Electronic Technology Co. LTD

产品天线调测报告

Product antenna commissioning report

Data: 2023.03.16

Fiction: Gao Jia Ye

C h e c k : Fang Wenfeng

approve: Shoreham Hotel

Company address: Building C, Guangming Valley, Ma Tian Office, Guangming District, Shenzhen

T E L : 0755-27810060

URL: <http://www.szsyjc.com>

FAX : 0755-27810057:

Email yjc@szsyjc.com

一、project overview

customer name	project name	Antenna implementation mode
1033	T5P	PCB
工作频段 (MHz)		
2.4G	2400-2500 MHz	

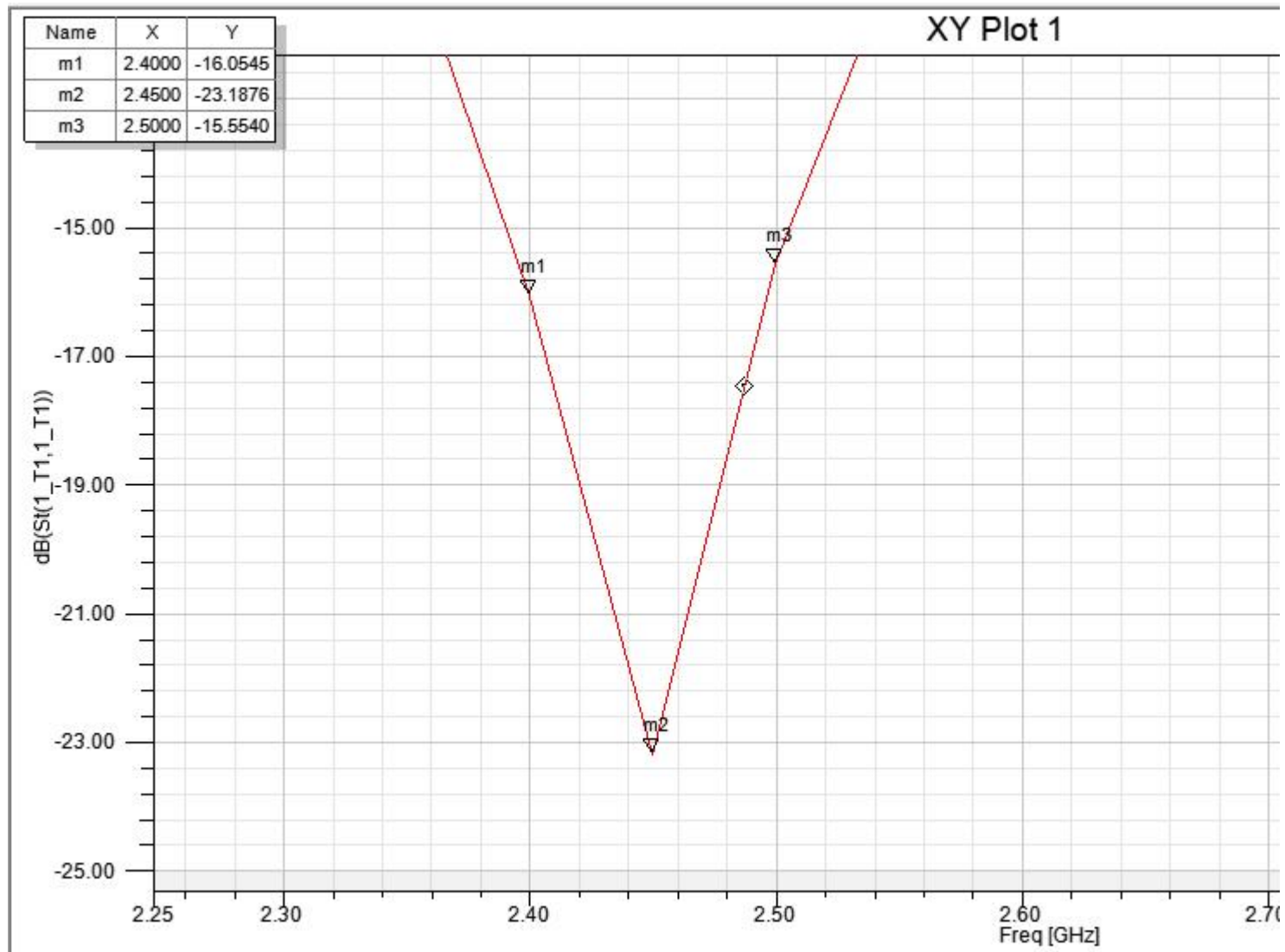
catalog:

4. Antenna profile
5. S11 STATIONARY WAVE PATTERN
6. S11 STATIONARY WAVE PATTERN
7. XZ&YZ 2D
8. XY 2D
9. Gain

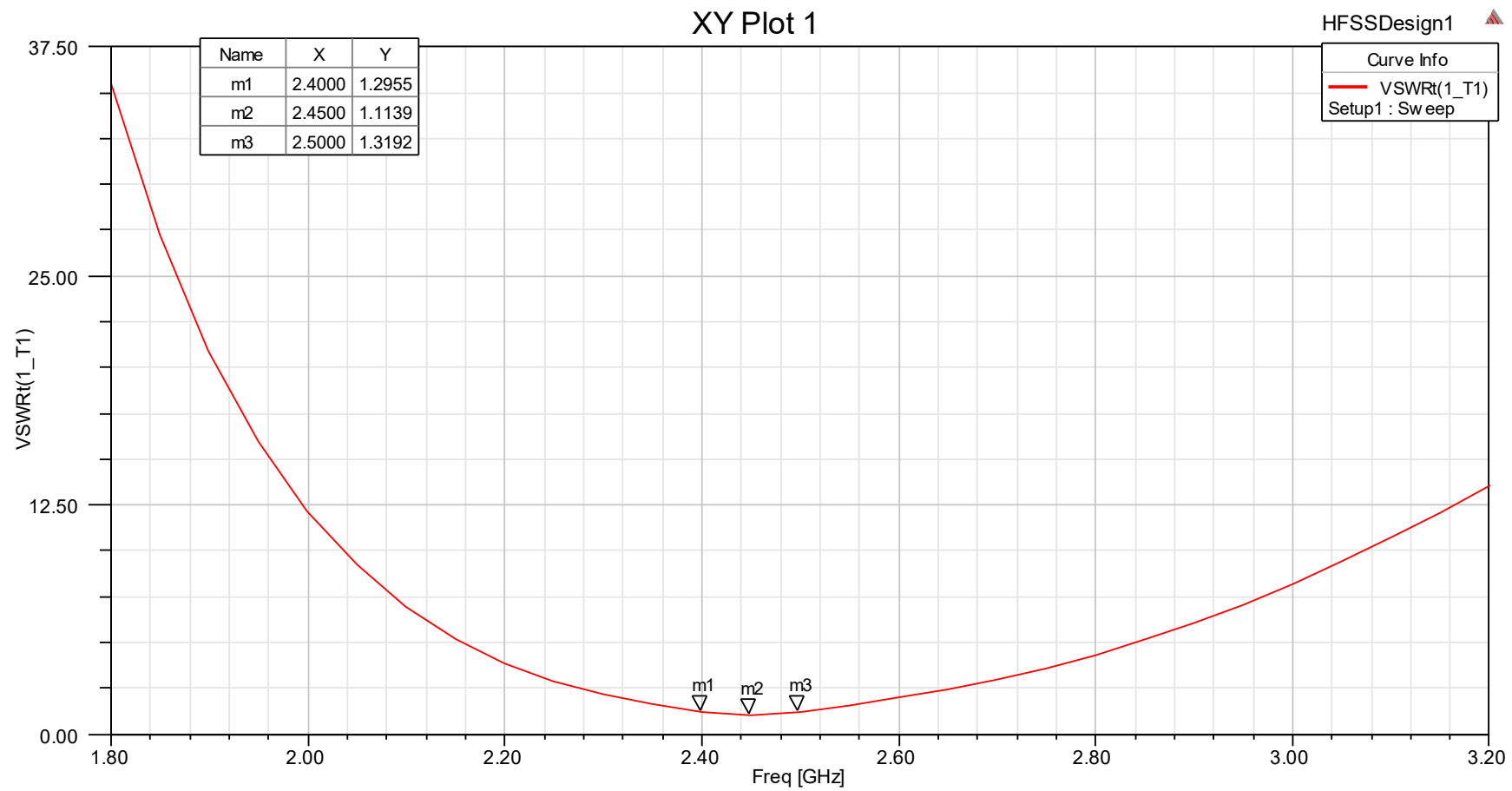
Antenna profile



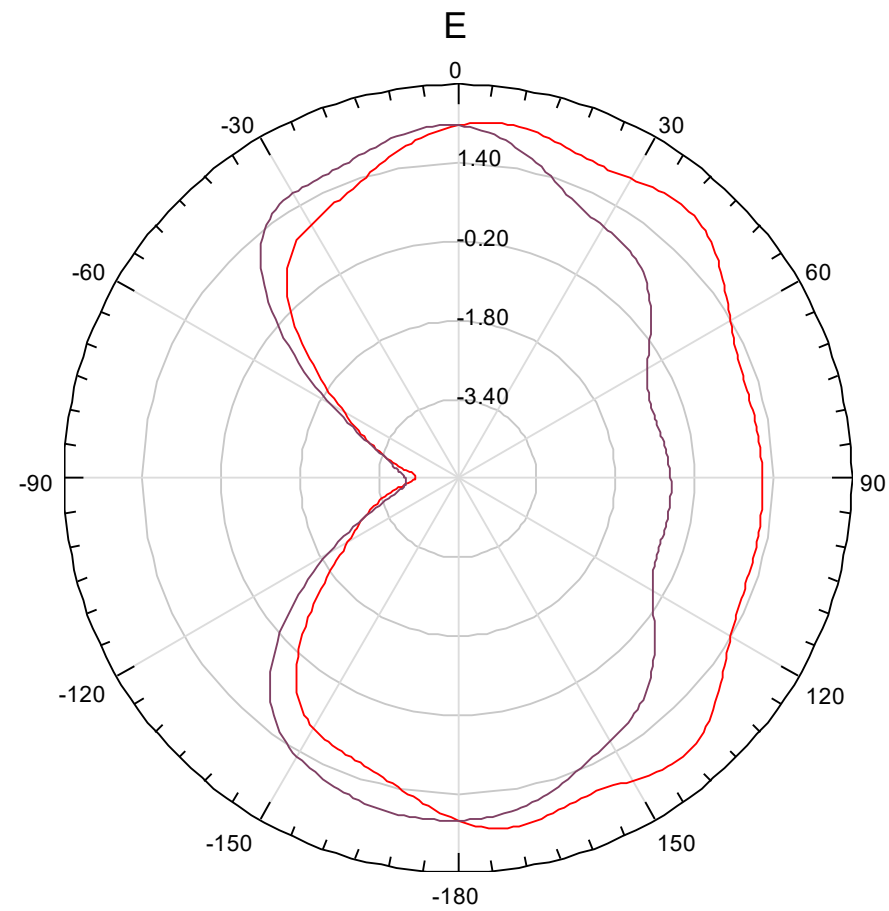
S11 test data



S11测试数据



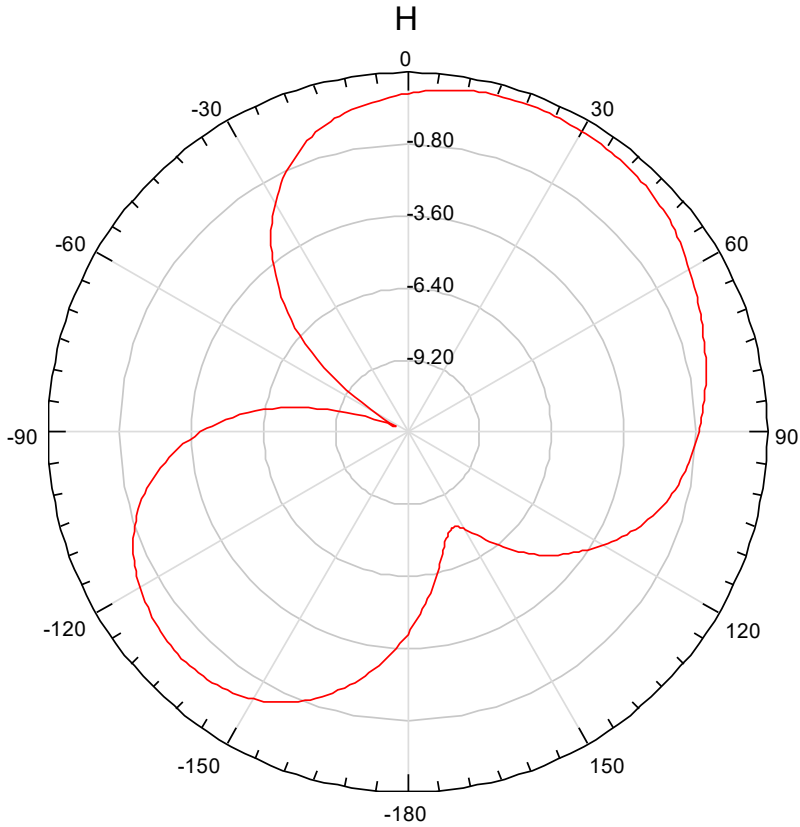
XZ&YZ 2D图



HFSSDesign1

Curve Info
dB(GainTotal)
Setup1 : LastAdaptive
Freq='2.45GHz' Phi='0deg'
dB(GainTotal)
Setup1 : LastAdaptive
Freq='2.45GHz' Phi='90deg'

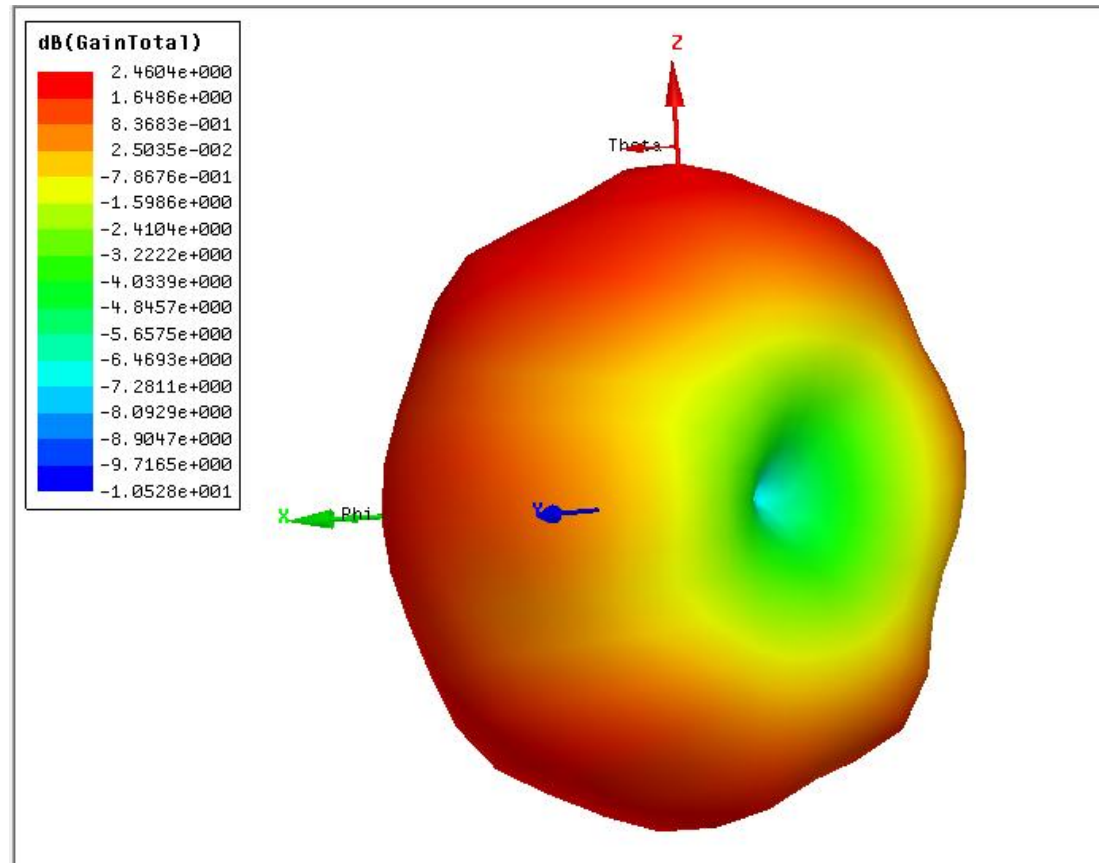
XY 2D图



HFSSDesign1

Curve Info
dB(GainTotal)
Setup1 : LastAdaptive
Freq='2.45GHz' Theta='90deg'

Gain 天线对应坐标图



Through simulation calculation, it is concluded that:
The maximum gain of the antenna in the 2.45Ghz band is
2.46dBi.