

承认书

SPECIFICATION FOR APPROVAL

项目名称

PROJECT NAME : 71C-US version

物料描述

DESCRIBE : Internal antenna

物料编码 :

PART NO : XM2051-RAA

供应商 :

PROVIDER : Shanghai Maxwave Communication Electronics, Co. , Ltd.

日期 :

DATE : 2008-09-10

APPROVED BY MAXWAVE		
Affirmed	Audited	Approved
APPROVED BY YF International		
Affirmed	Audited	Approved



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RF Performance Test Report

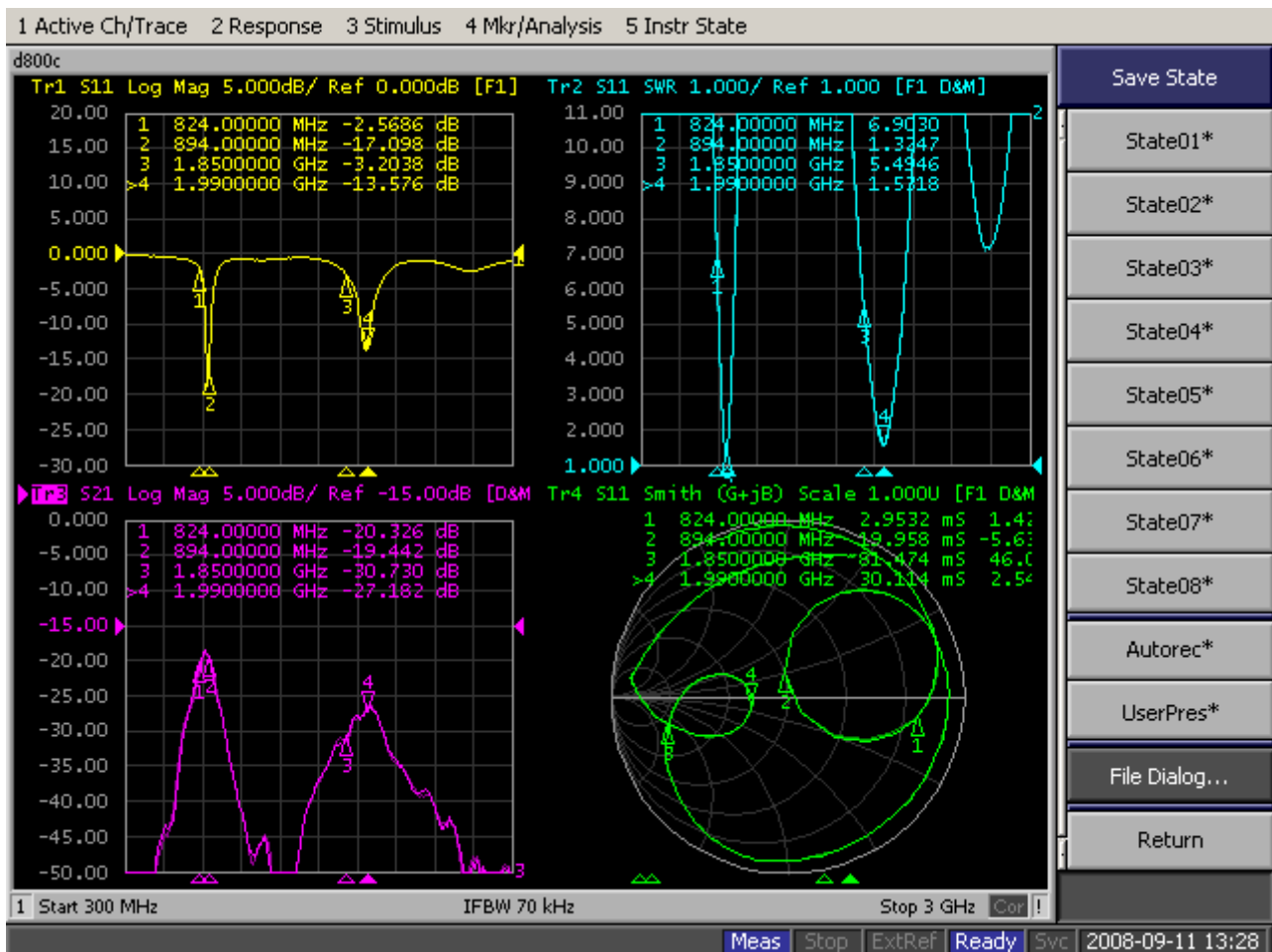
A、Passive Test:

1、 According to final handset, we made one fixture to test performance, a picture of the fixture is below:

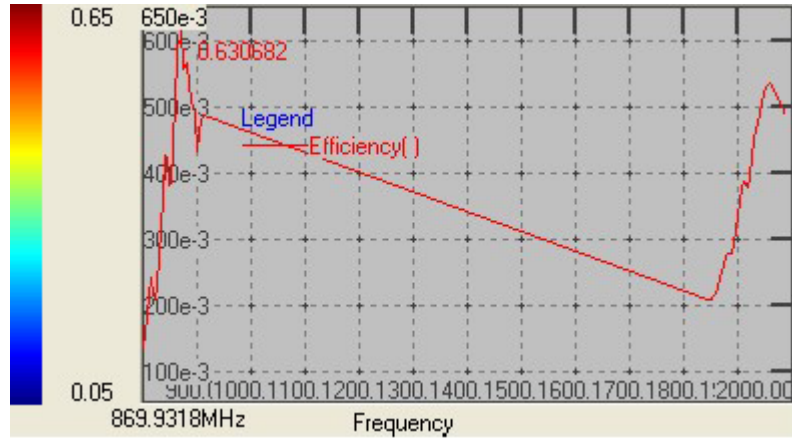


Without changing original match circuit, we tuned the antenna pattern, and the below is final test result:

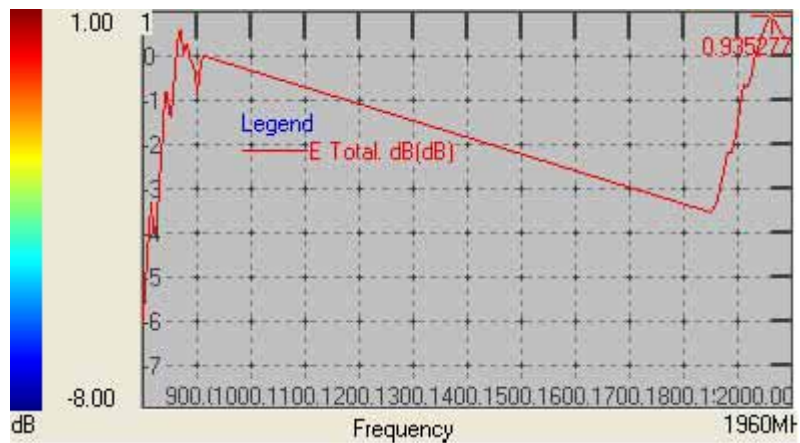
1、 S Parameter Result



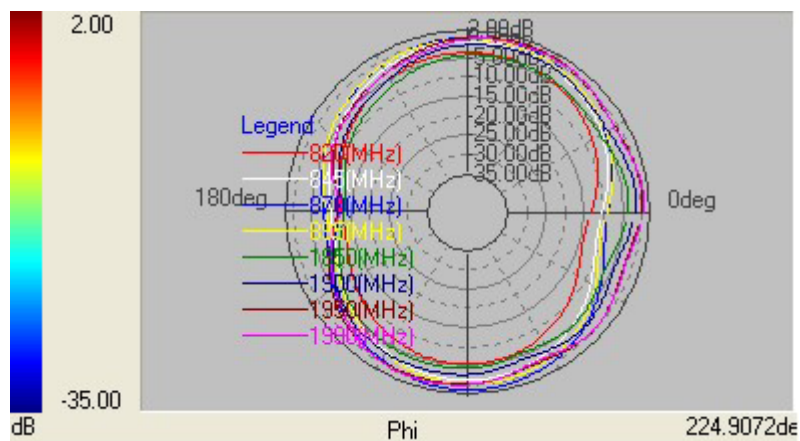
2、Efficiency Result



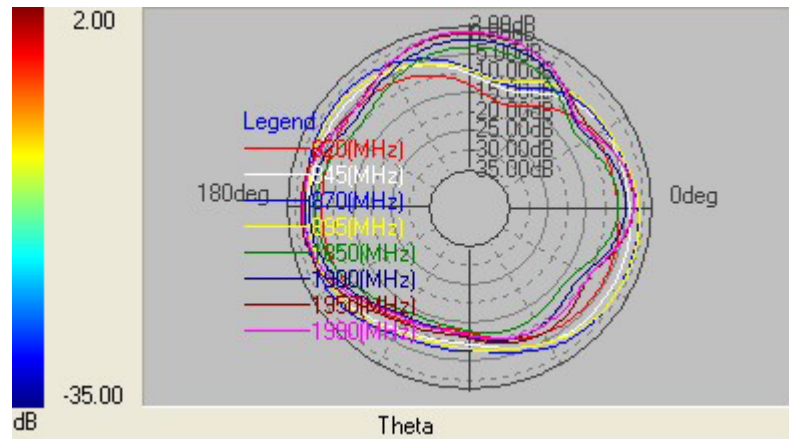
3、Gain Result (H、E1、E2 plane)



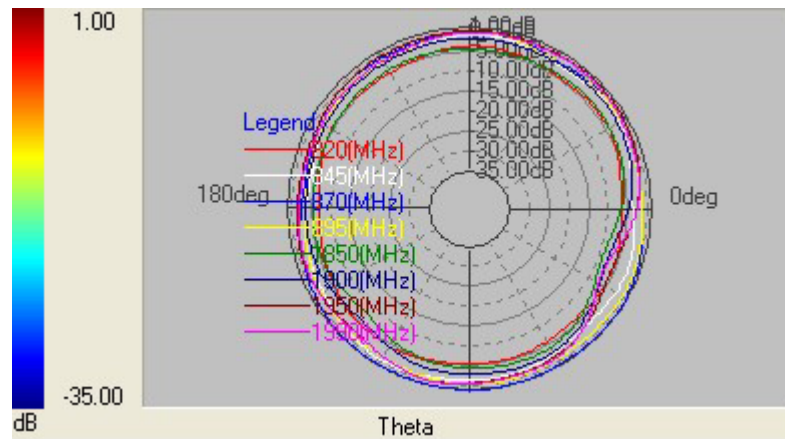
Peak Gain



Gain_ H plane



Gain_ E1 plane



Gain_ E2 plane

B、 3D Active Test Result

TRP and TIS result of US-version antenna (GSM850/1900)

GSM	128 channel	190 channel	251 channel
TRP	27.2	28.3	28.4
TIS	-104.6	-101.7	-101.9

DCS	512 channel	698 channel	885 channel
TRP	26	26	26.0
TIS	-107.6	-107.9	-107.2