

Antenna Test Report



Customer	魅动
Project	SE7
Antenna Revisi on	A0
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Purpose

This report is to measure the performance of antenna for **SE7**. The antenna operating frequency at 2400-2500MHz, All test data are showed as below.

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4. Test Result
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 - 4.2 ***Gain & Efficiency***
 - 4.3 ***2D Pattern***

1.Product Overview & Dimension

Antenna

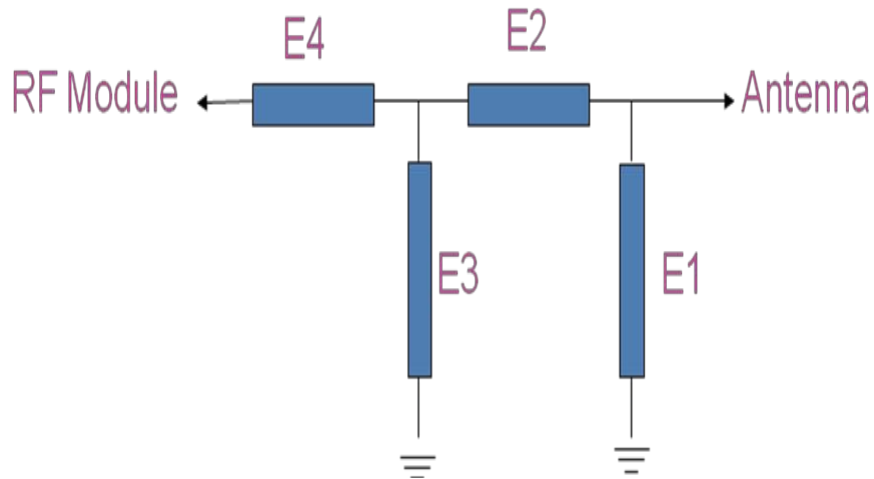


2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C



3. Antenna Matching Network



Element	Value
E1	4.1NH
E2	0R
E3	N/A
E4	N/A

4. Test Result

4.1 S11 Parameter-VSWR



Frequency	2400	2450	2480	2500
VSWR	1.68	1.91	2.34	2.67

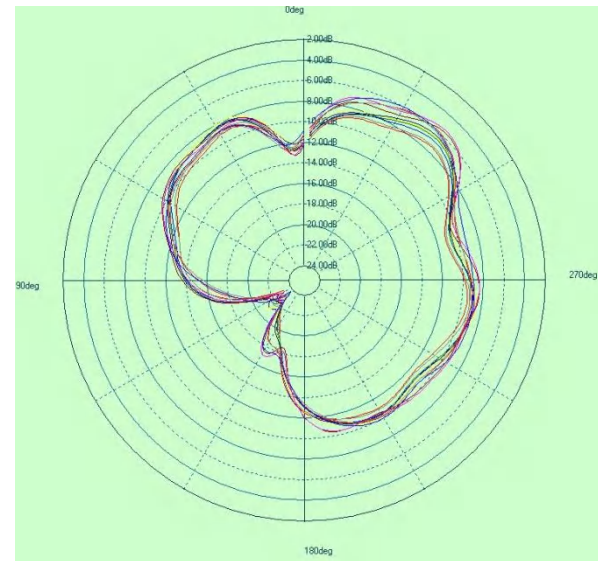
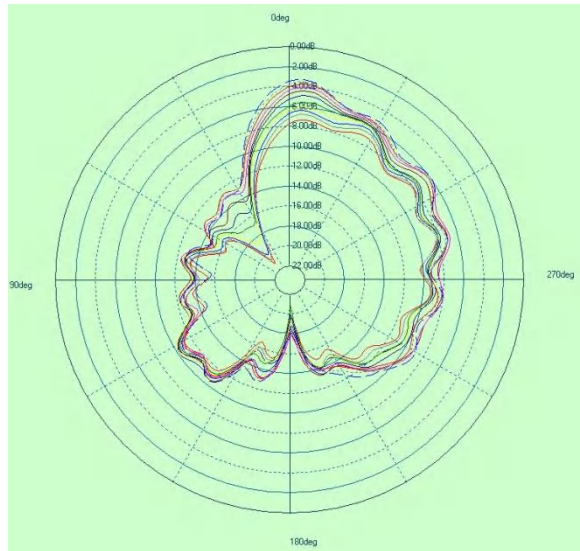
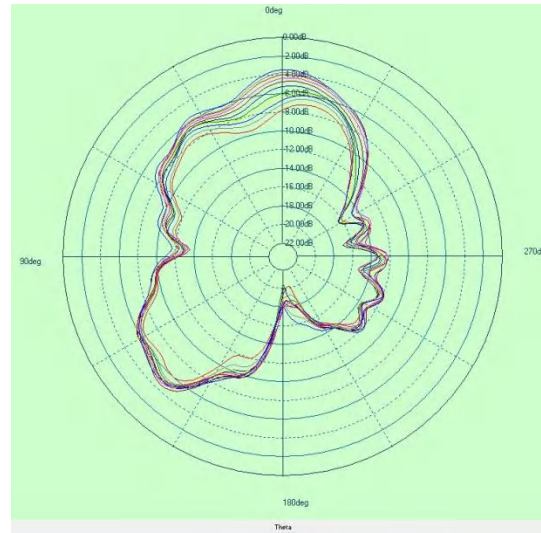
4. Test Result

4.2 Gain & Efficiency

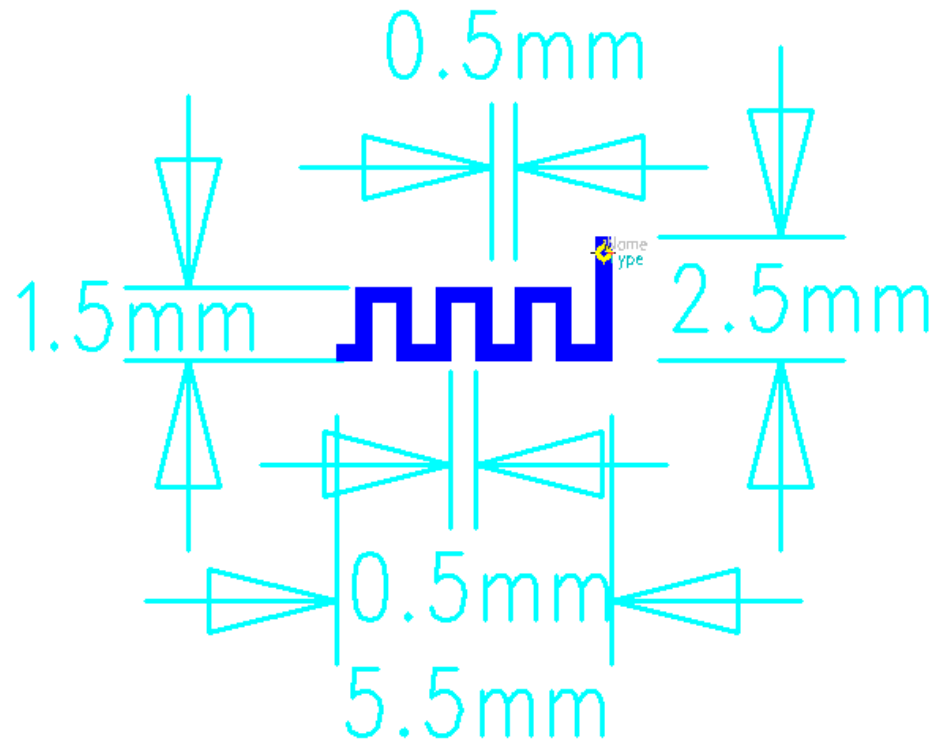
Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	8.3%	- 5.77
2410	8.9%	- 5.26
2420	9.8%	- 4.73
2430	10.3%	- 4.73
2440	10.1%	- 4.68
2450	10.7%	- 4.57
2460	11.9%	- 4.03
2470	12.3%	- 3.68
2480	12.0%	- 3.74
2490	12.1%	- 3.54
2500	12.8%	- 3.34

4. Test Result

4.3 2D Pattern



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Thank you !