

GainForce Technology Co.,Ltd

嘉光科技股份有限公司

承認書

APPROVAL SHEET

品 名： Antenna
MODEL NAME AT3216
料 號： AT3216-B5R5HAAT/LF
PART NUMBER 11320Y11161A1
客戶名稱： 永 洋
CUSTOMER _____
供 應 商： GainForce
VENDOR _____
使用機種： _____
MODEL _____

聯 絡 人： 尹 廣 汶

聯絡電話： (02) 2880-1838

附 件：

ACCESSORIES	<input checked="" type="checkbox"/> 規格書	<input checked="" type="checkbox"/> 樣品
	SPECIFICATION	SAMPLE
	<input checked="" type="checkbox"/> 圖樣	<input checked="" type="checkbox"/> 檢驗報告
	DRAWING	TEST REPORT

認可狀況：

(APPROVED STATUS)



AT3216 Series

Multilayer Chip Antenna

Features

- ❖ Monolithic SMD with small, low-profile and light-weight type.
- ❖ Wide bandwidth

Applications

- ❖ 5~6GHz wireless communication system



Specifications

Part Number	Frequency Range (MHz)	Peak Gain (XZ-V)	Average Gain (XZ-V)	VSWR	Impedance
AT3216-B5R5HAA_	5150~5875	2.0 dBi typ.	-2.5 dBi typ.	2 max.	50 Ω

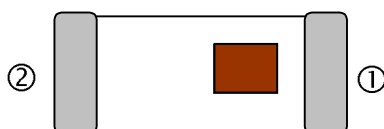
Q'ty/Reel (pcs) : 3,000 pcs
 Operating Temperature Range : -40 ~ +85 °C
 Storage Temperature Range : -40 ~ +85 °C
 Power Capacity : 500mW max.

Part Number

AT **3216** - **B** **5R5** **HAA** **□** **□**
 ① ② ③ ④ ⑤ ⑥ ⑦

① Type	AT : Antenna	② Dimensions (L × W)	3.2× 1.6 mm
③ Material Code	B	④ Frequency Range	5R5=5500MHz
⑤ Specification Code	HAA	⑥ Packaging	T: Tape & Reel B: Bulk
⑦ Soldering	=lead-containing /LF=lead-free		

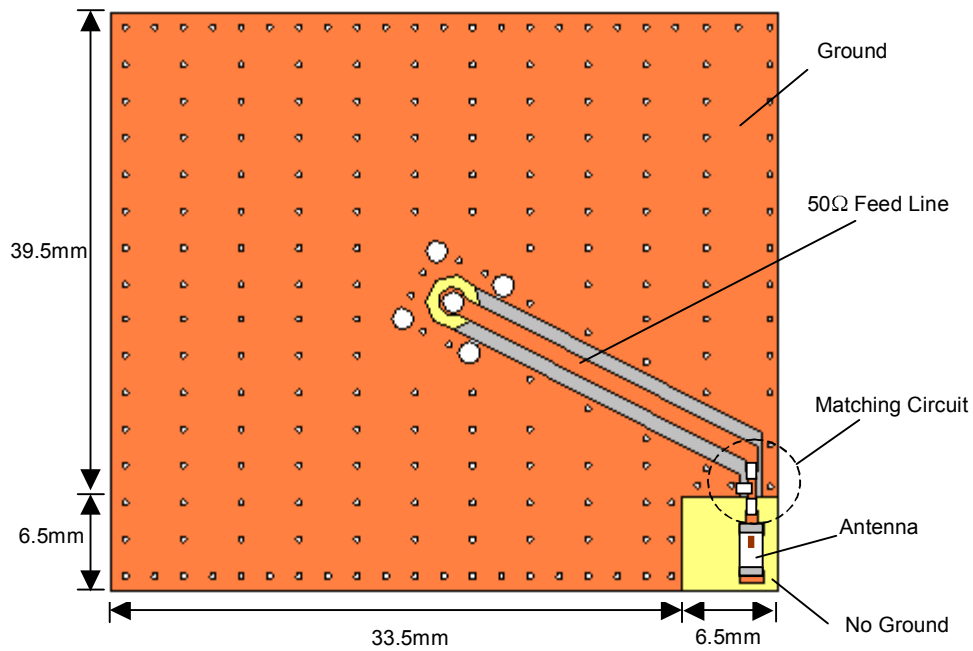
Terminal Configuration



No.	Terminal Name	No.	Terminal Name
①	Feeding Point	②	NC

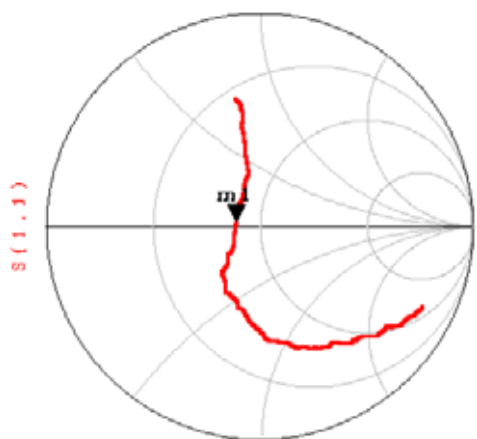
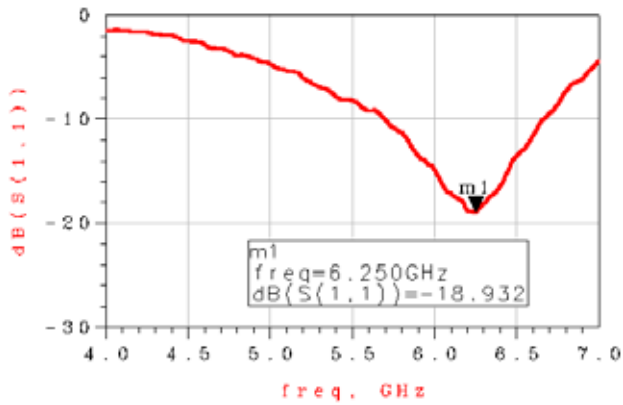
Typical Electrical Characteristics (T=25°C)

❖ Test Board



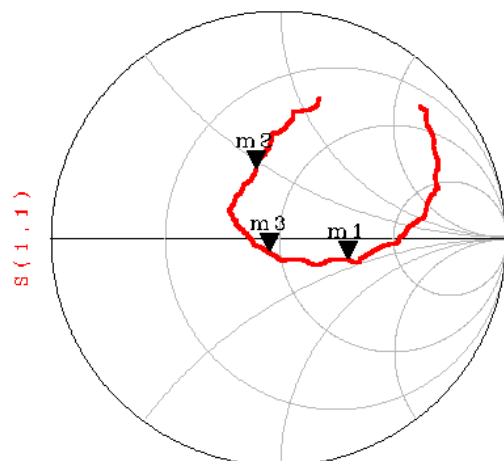
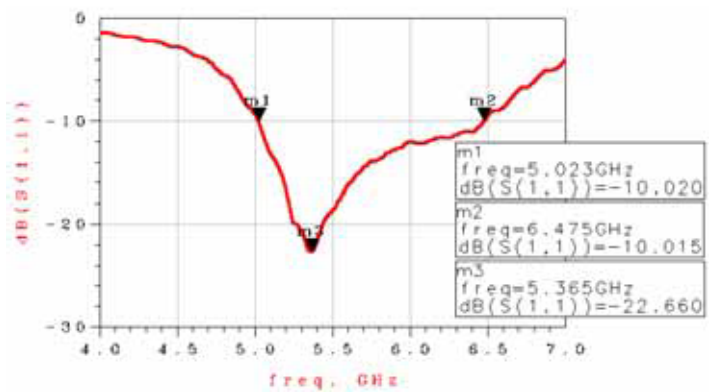
❖ Return Loss

(a) Without Matching Circuits



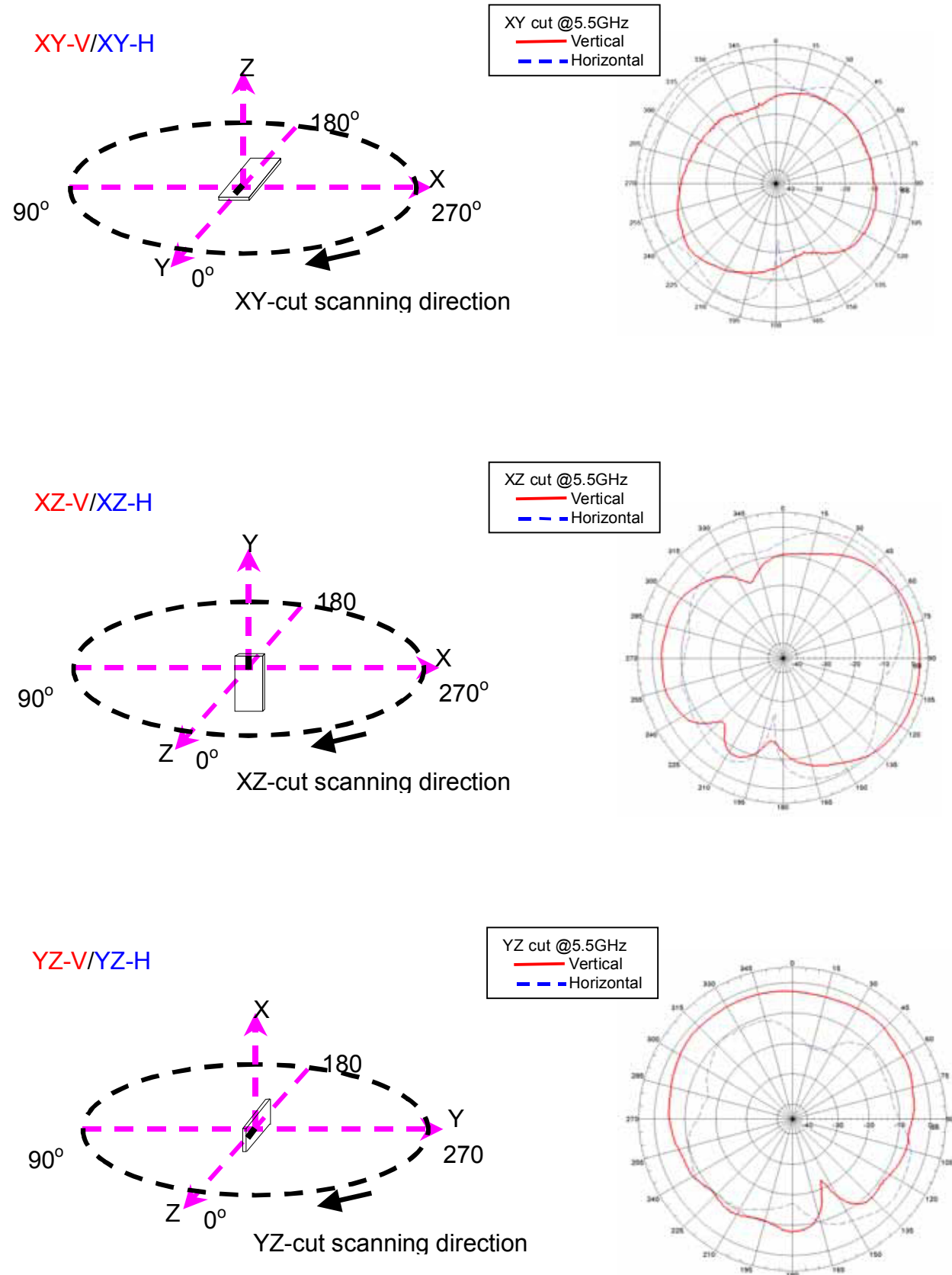
freq (4.000GHz to 7.000GHz)

(b) With Matching Circuits



freq (4.000GHz to 7.000GHz)

Radiation Patterns



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