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　■規格書 SPECIFICATION　■樣品 SAMPLE

■圖樣 DRAWING　■檢驗報告 TEST REPORT

認可狀況：

（APPROVED STATUS）

零件承認

2013.07.22

SNOW

R&D / PE / QC /PURCHASE / VENDOR　　版次.: A版

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

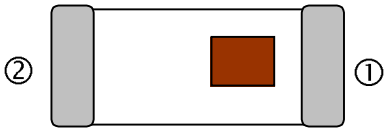
Q'ty/Reel (pcs) : 3,000 pcs
Operating Temperature Range : -40 ~ +85 °C
Storage Temperature Range : -40 ~ +85 °C
Power Capacity : 500mW max.

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		

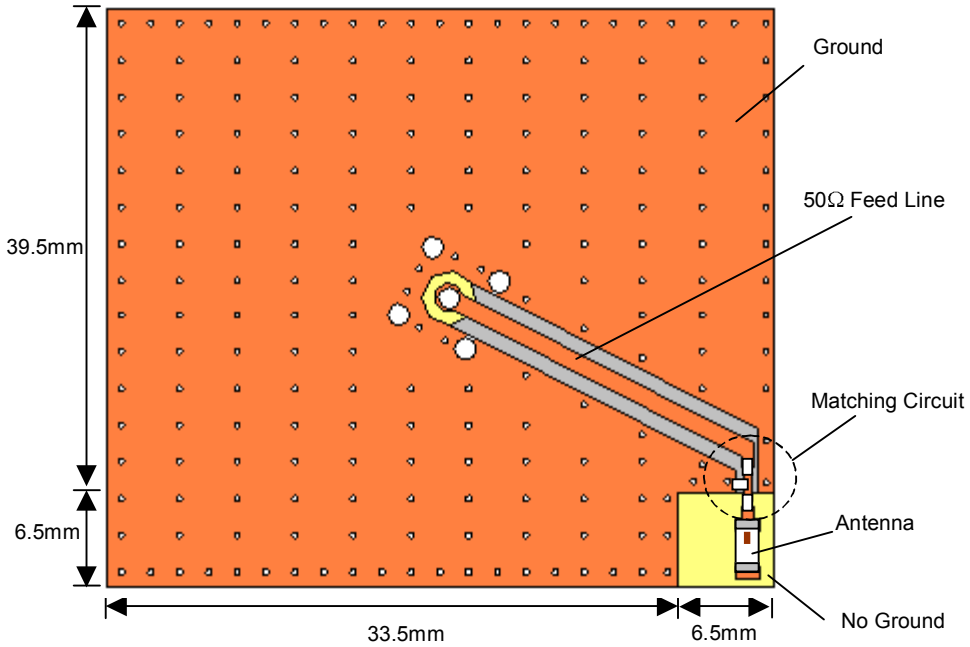
Terminal Configuration



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

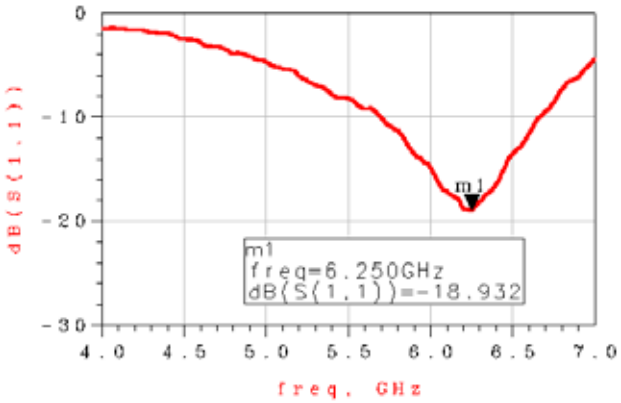
Typical Electrical Characteristics (T=25°C)

❖Test Board

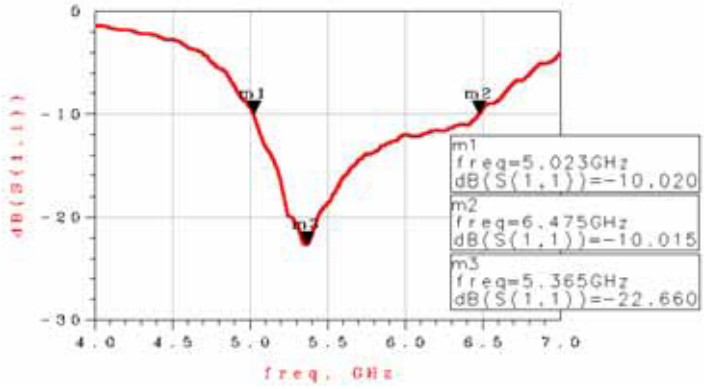


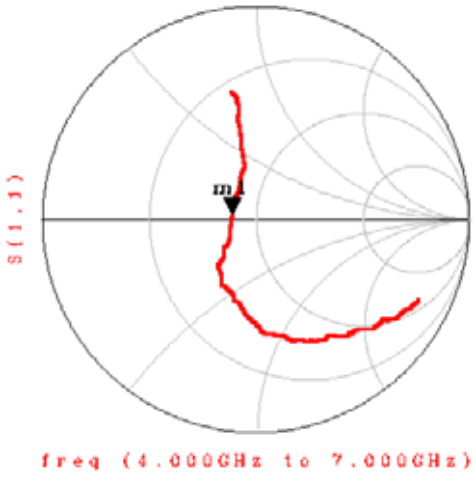
❖Return Loss

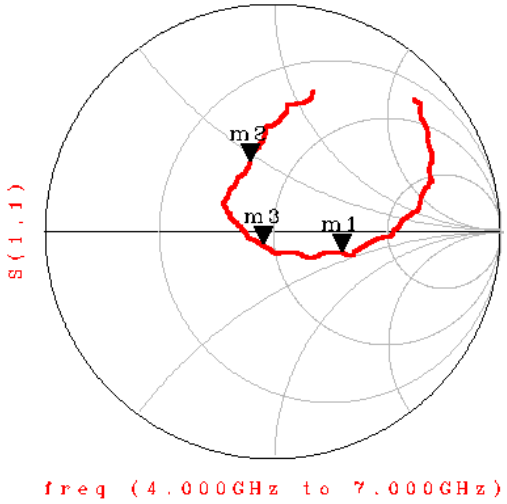
(a) Without Matching Circuits



(b) With Matching Circuits

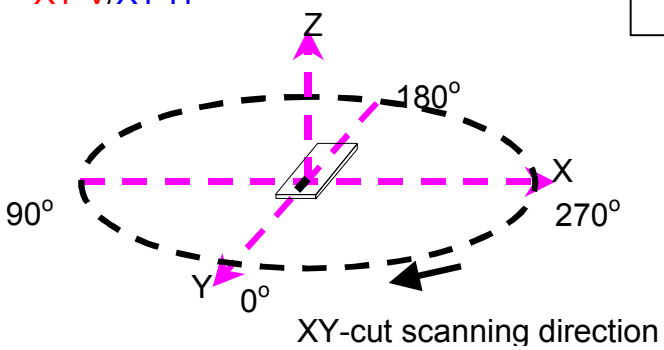


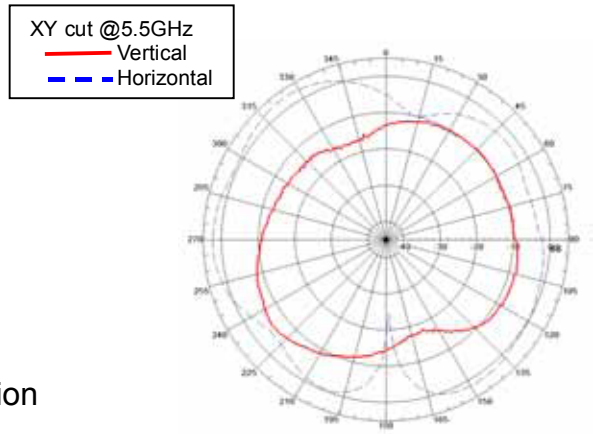




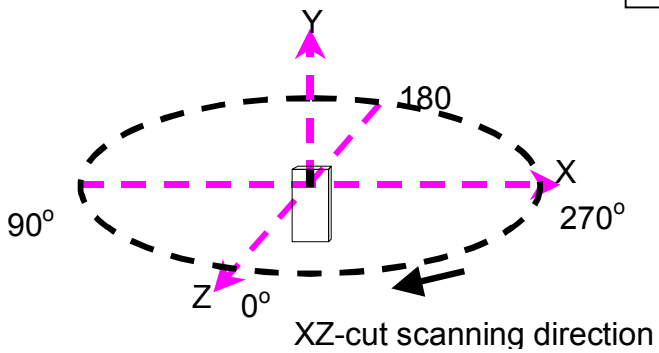
Radiation Patterns

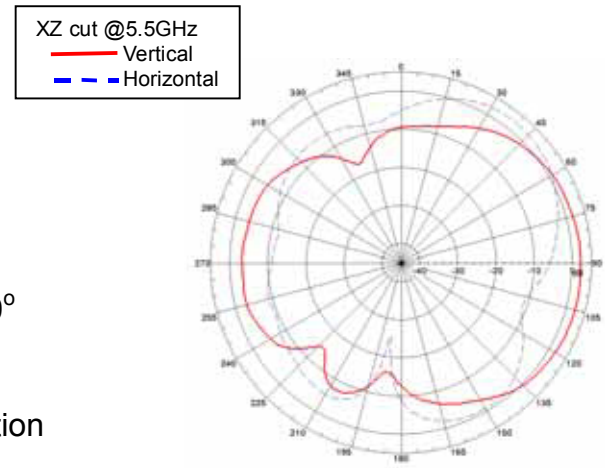
XY-V/XY-H



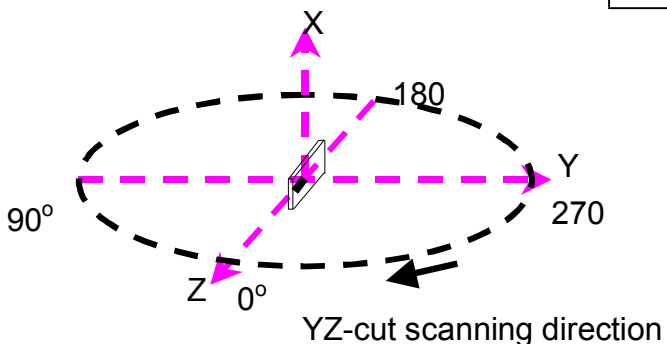


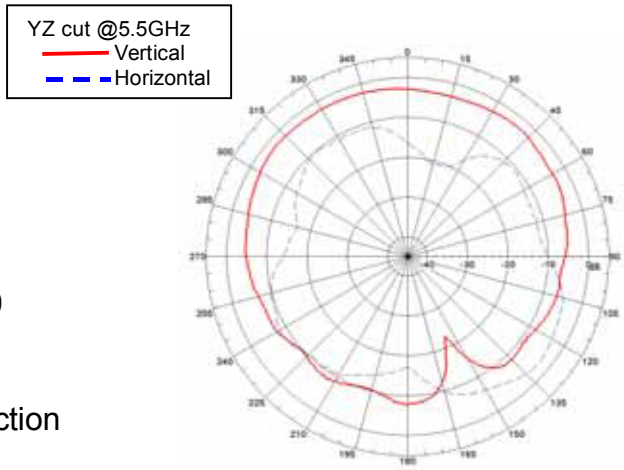
XZ-V/XZ-H





YZ-V/YZ-H





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