



CHILISIN ELECTRONICS CORP.

承認圖號

承認書

SPECIFICATION FOR APPROVAL

客 戶：赤崁科技

Customer

料 號：431115300245

客戶料號：

Part No.

產品名稱：2.45GHz 5320 Multilayer Ceramic Chip Antenna

Commodity

型 別：LTCC type

Type / Model

貴公司承認印

Approval Signatures

日期：6/23/ 2003

Date

承認後請寄回本承認書一份

Please return one copy with your approval

供應廠商:奇力新電子股份有限公司

新竹縣湖口鄉和興村德興路301 巷 29 號

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CHILISIN ELECTRONICS CORP.

製造廠商:國巨股份有限公司飛元廠

Innovative Service Around the Globe **YAGEO**

ANTENNA PRODUCTS

DATA SHEET

5320 Ceramic Chip Antenna for IEEE 802.11 b/g & Bluetooth Application

R&D	Print date 03/08/05										Preliminary use only											
	5320 Ceramic Chip Antenna for WLAN & Bluetooth Application										4311 1xx 00245 AN2450000753201B										2003-06-23	
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spec.doc	Phycomp Taiwan Ltd.																					

5320 Ceramic Chip Antenna for IEEE802.11 b/g & Bluetooth Application

Product Specification

Quick Reference Data

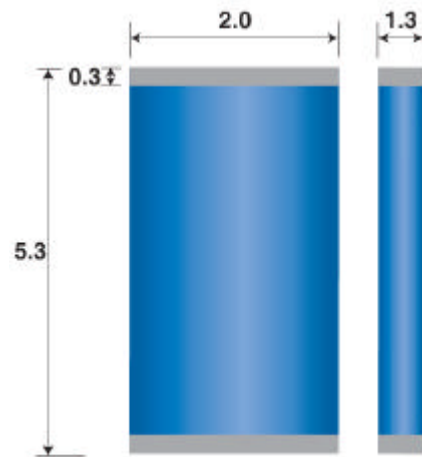
Central Frequency	2.45GHz*1
Bandwidth	at least 200 MHz*2
VSWR	2.0 (Max.)*2
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Peak Gain	4.0 dBi*2
Impedance	50Ω
Operating Temperature	-55~125 °C
Termination	Ni / Sn (Environmentally-Friendly Leadless)
Resistance to soldering heats	260°C , 10sec.
Maximum Power	1W

¹ All the technical data and information contained herein are subject to change without prior notice

² Testing under evaluation board of page2

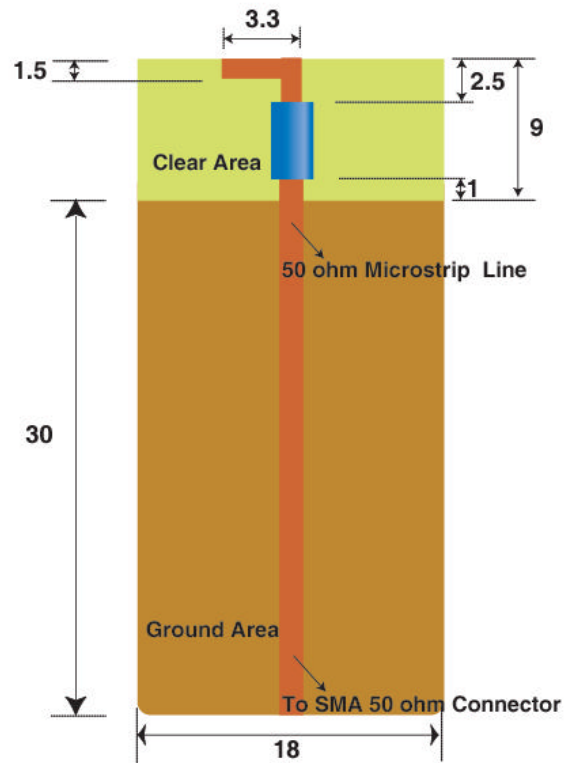
1. Mechanical Data (5.3 x 2.0 x 1.3 mm³)

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Unit: mm

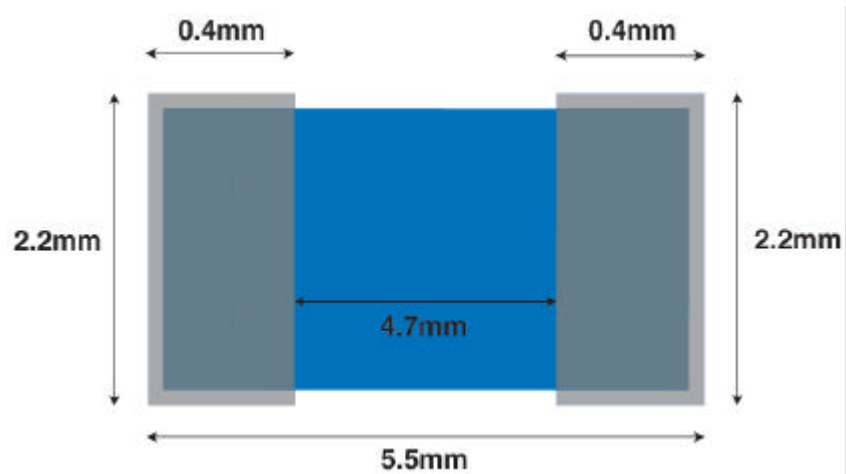
2. Evaluation Board Dimension and Outlook



Unit: mm

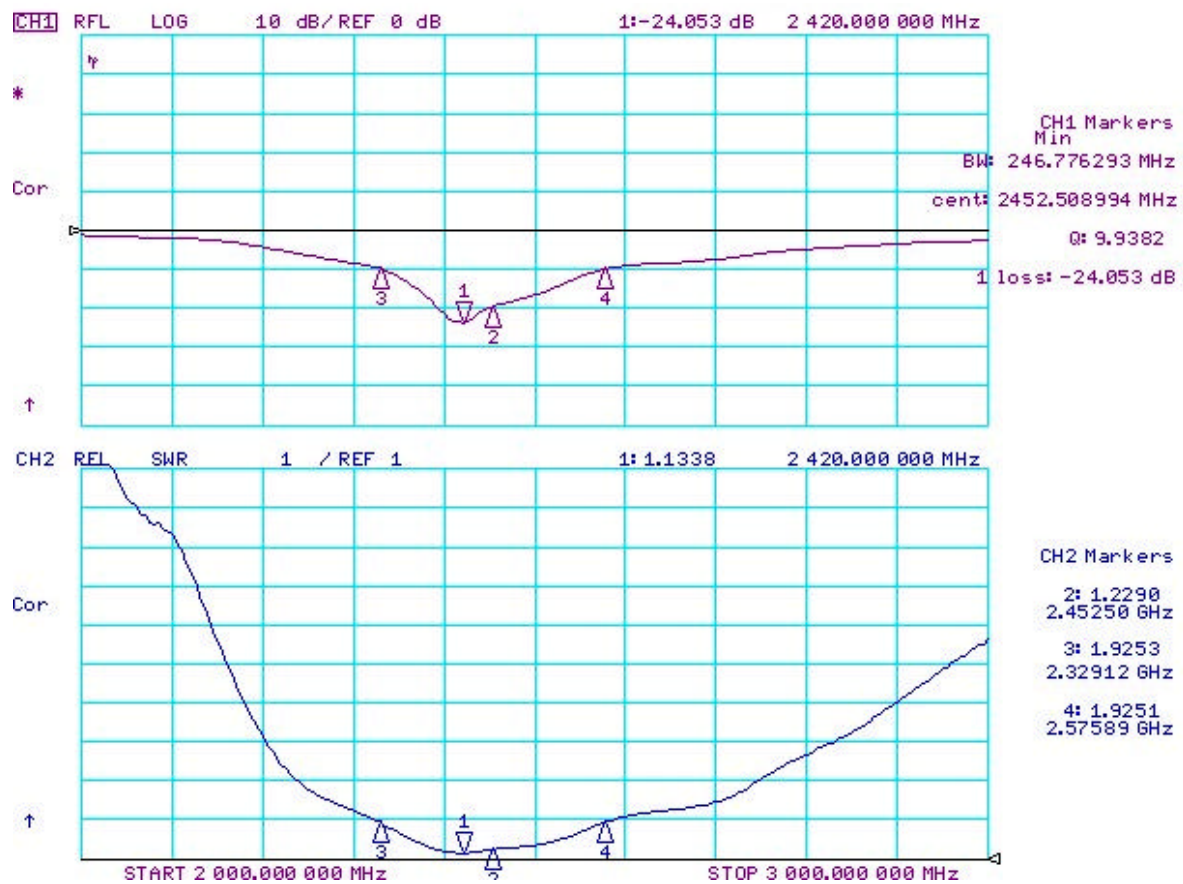
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	5320 Ceramic Chip Antenna for WLAN & Bluetooth Application				4311 1xx 00245 AN2450000753201B			2003-06-23
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3. Soldering Pads Dimension



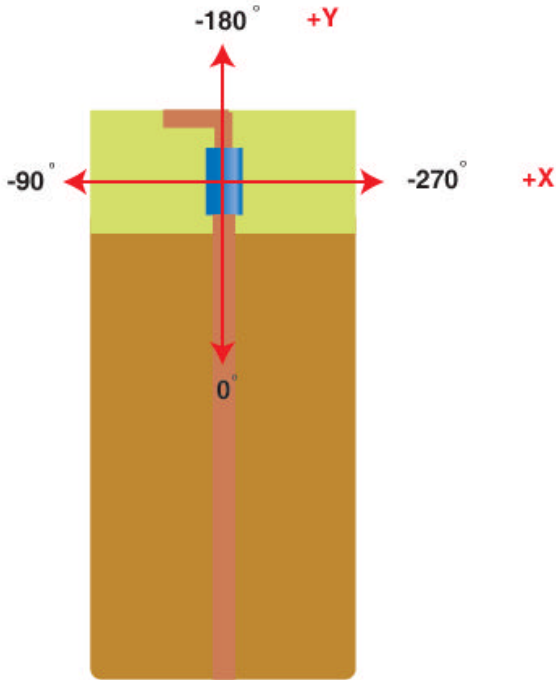
4. Return Loss

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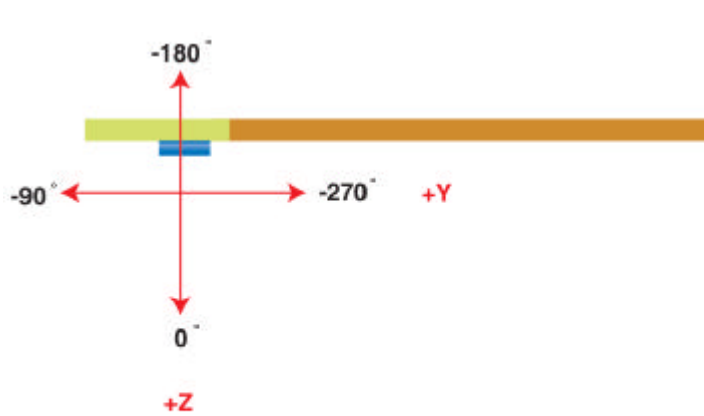


5. The Definition of X-Y-Z Plane and Angle

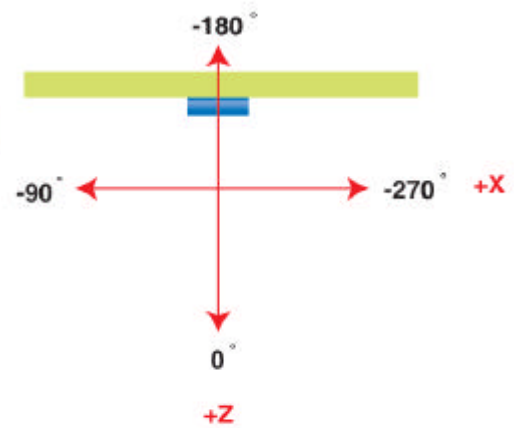
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XY Plane



YZ Plane

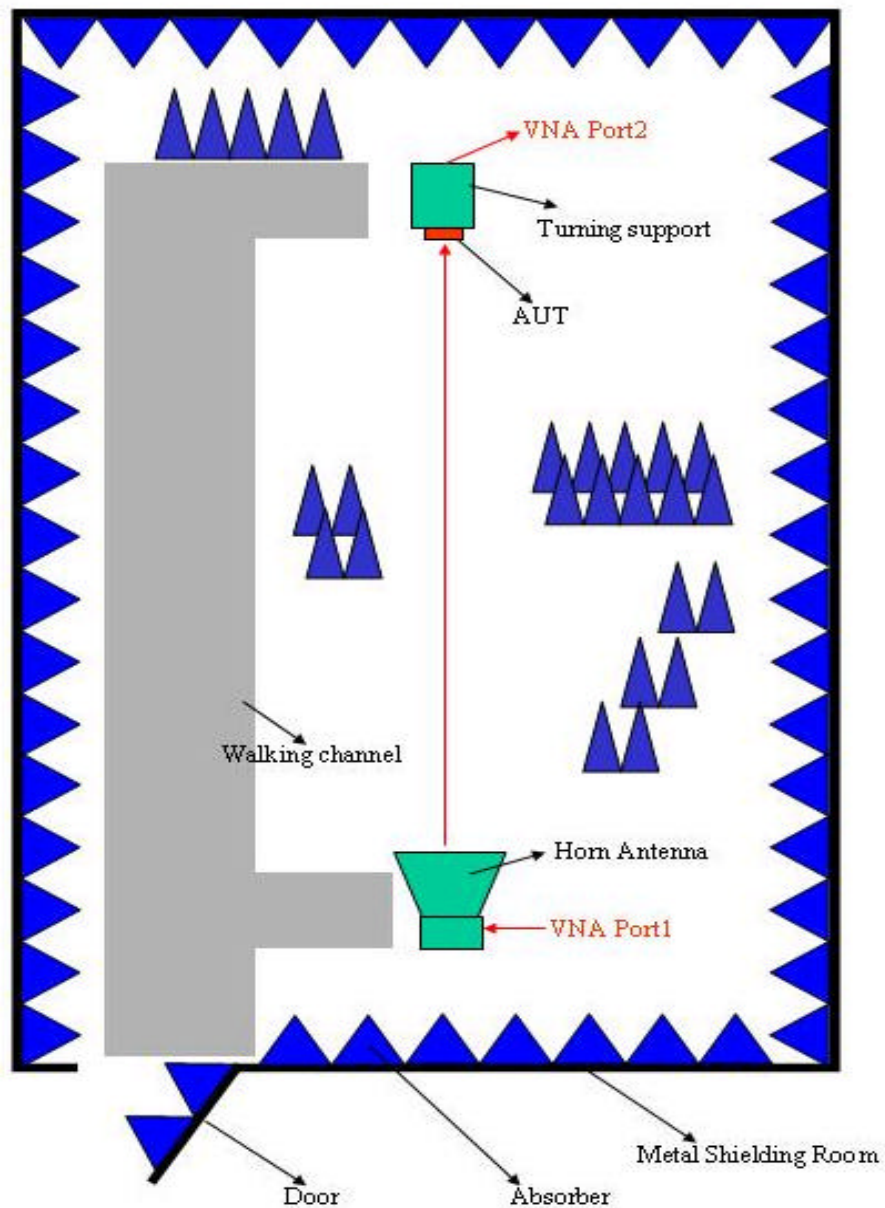


XZ Plane

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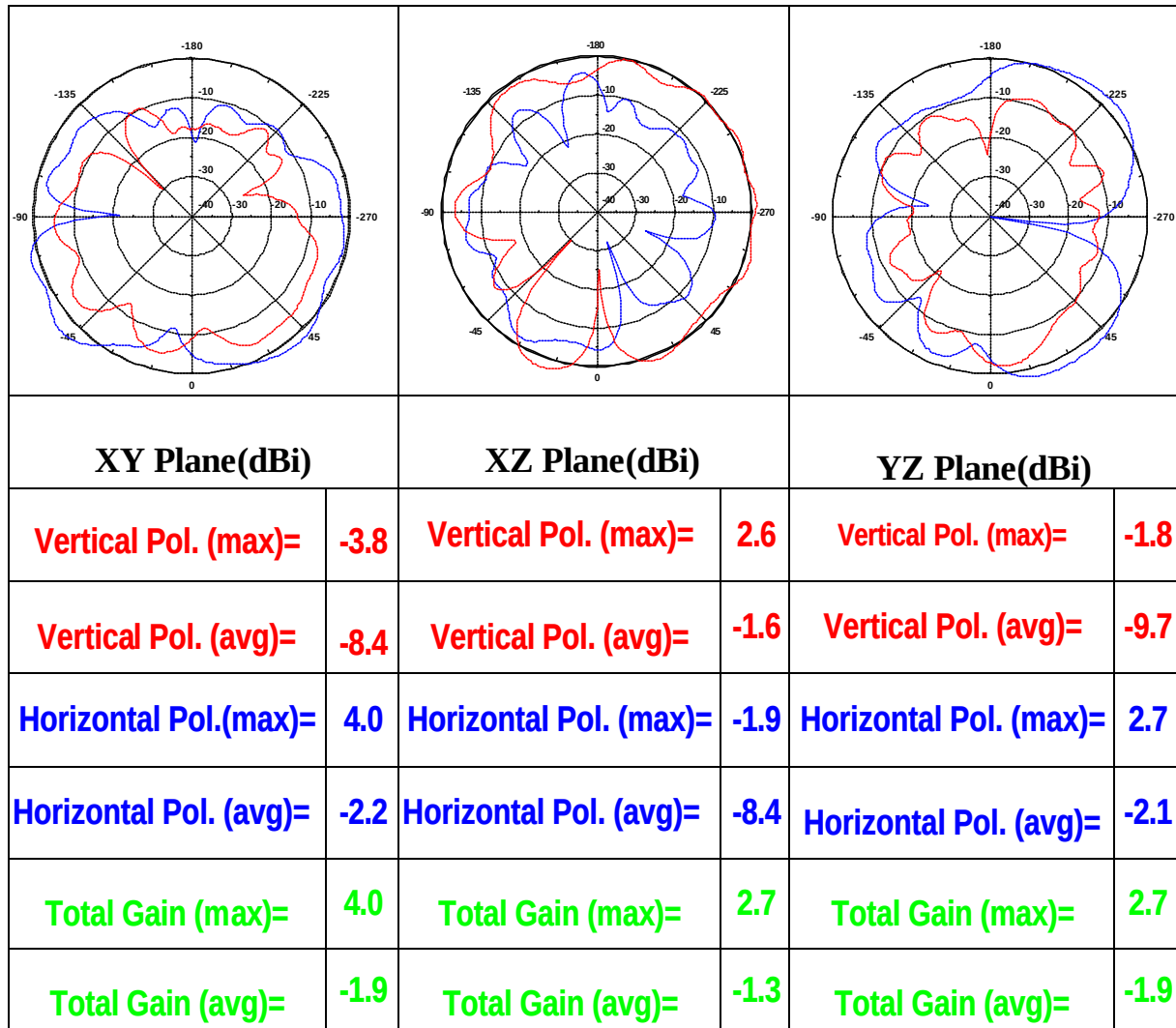
6. The Environment of Antenna Radiation Pattern

Anechoic Chamber Dimension=10(m) ×6(m) ×6(m)



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7. Radiation Pattern



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