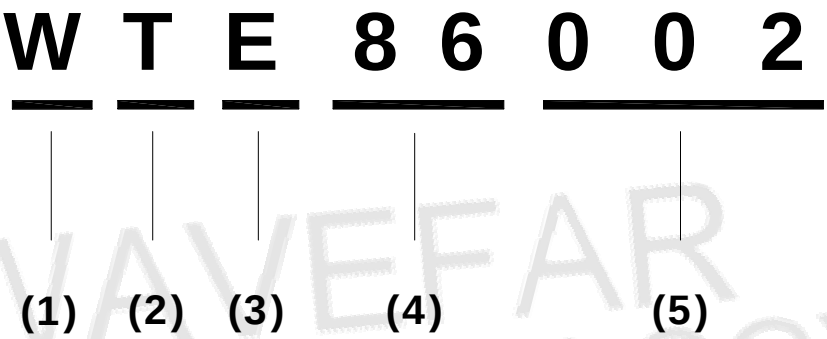
Embedded Type Antenna Module

1．Explanation of Title：



（1）System code：

（2）Area code：

（3）Product type： Chip Antenna Module

（4）Customer code：

（5）Suffix：

DRAWING： RUF	DESIGNED BY ： ANDY	CHECKED BY ： JEFFERY	APPROVED BY ： D.S.M.
UNLESS OTHER SPECIFIED TOLERANCES ON：		TITLE:	WTE86002
X＝ X.X＝ X.XX＝		Part No.	111010014
REV.：B0	UNIT：mm	Document No.	111010014

WiFi Antenna

Applications

※ **Wireless LAN**

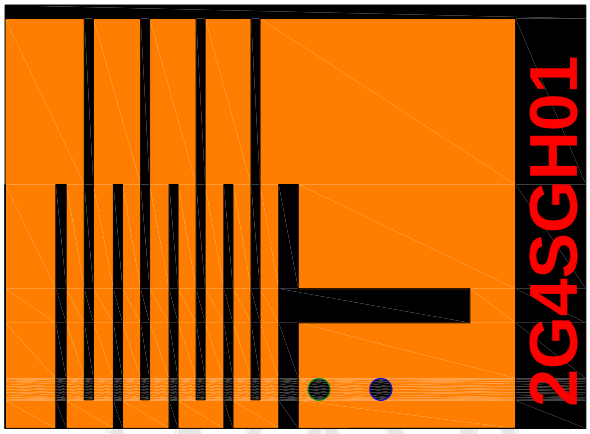
※ **ISM band 2.4GHz applications**

Specification

	Frequency Range (MHz)	Peak Gain	Average Gain	Return Loss	Impedance
WiFi Antenna	2400~2500	0.5 dBi typ.	-0.5 dBi typ.	-20 dB	50Ω

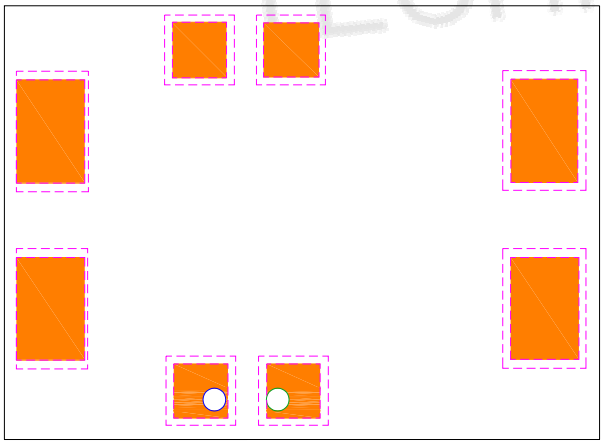
Terminal Configuration

Top Layer：



No.	Terminal Name
	NC
	NC
○	Feeding Point
○	Shorting Point
	NC
	NC
	NC
	NC

Bottom Layer：



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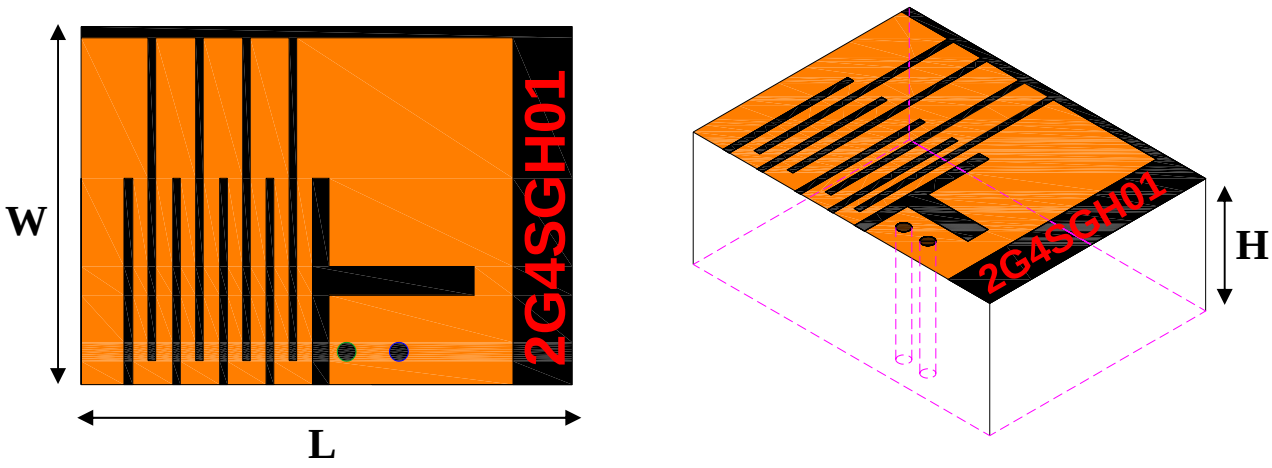
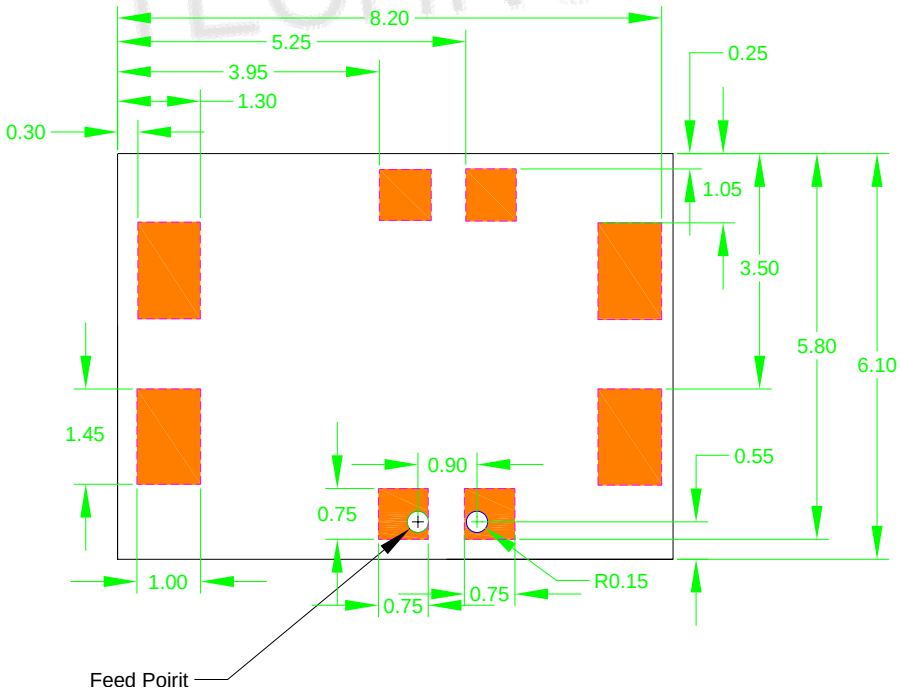
Dimensions and Recommended PC Board Pattern



Mark	L	W	H
Dimensions	8.5±0.5	6±0.5	3±0.3



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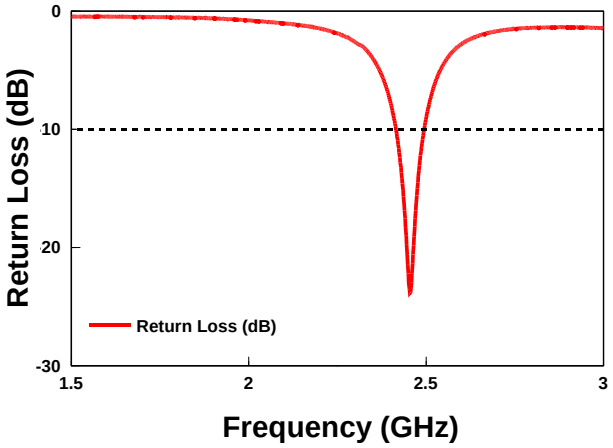
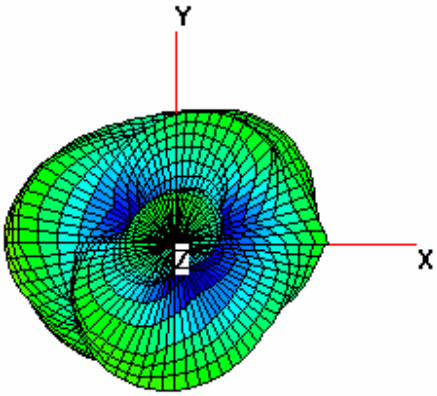
Measurement Result

※ Return Loss



※ Radiation Patterns



XY Cut @ 2.45 GHz

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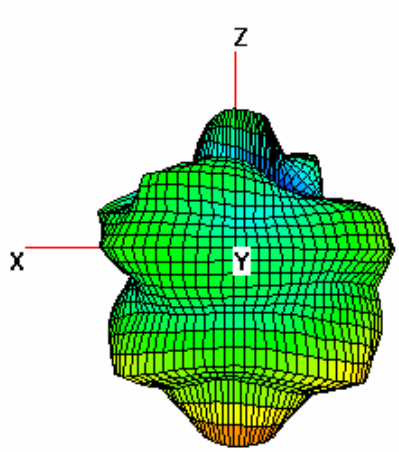
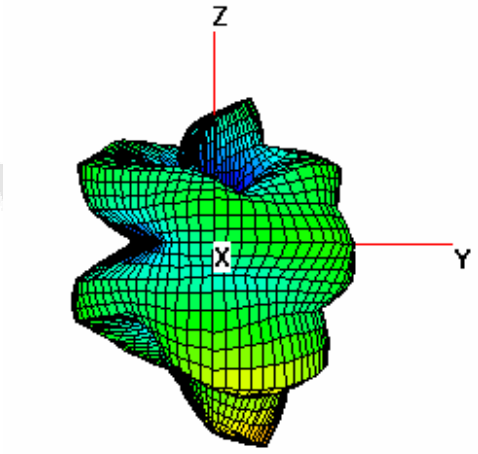


XZ Cut @ 2.45 GHz



YZ Cut @ 2.45 GHz

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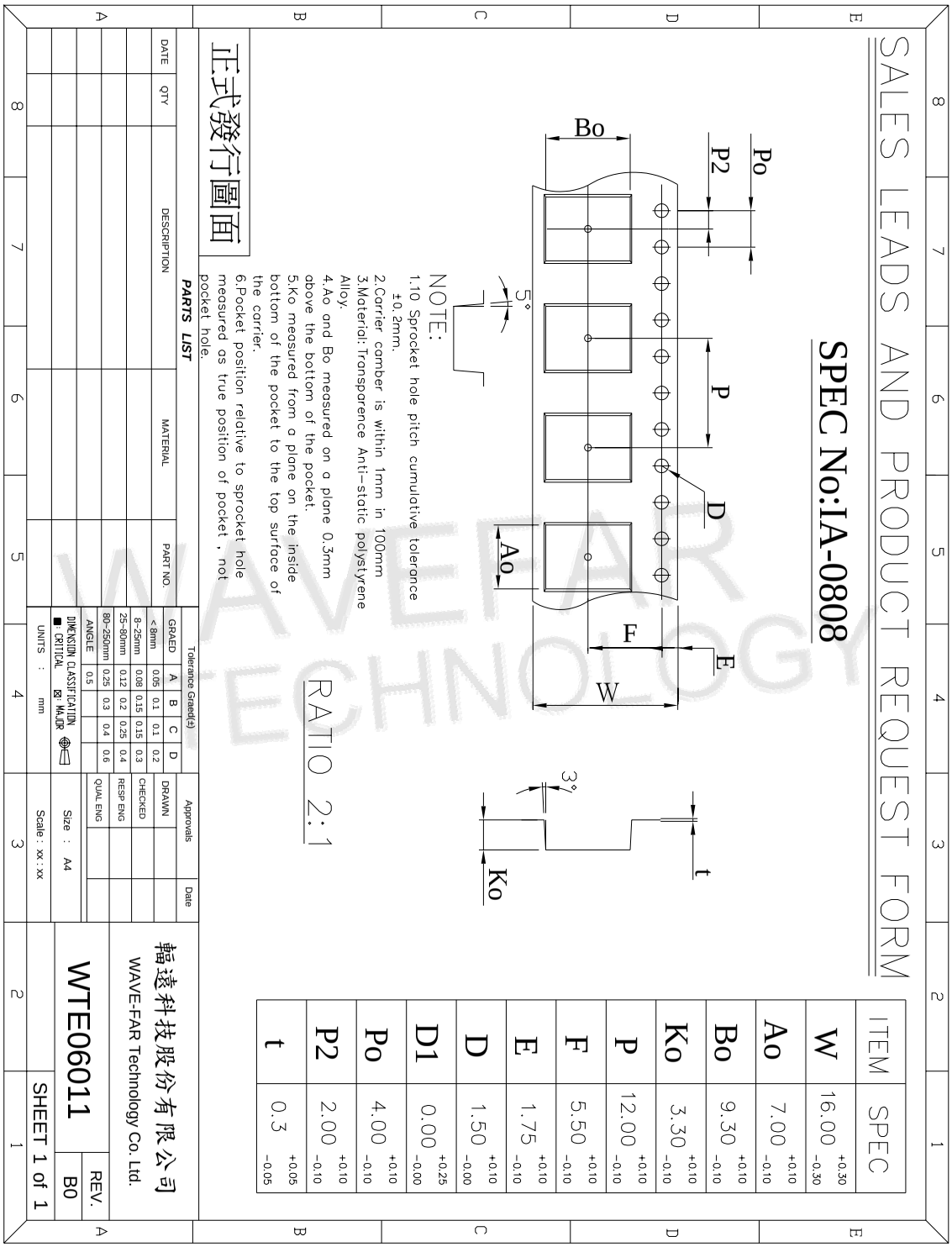

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