



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PRELIMINARY

2.6~2.7GHz Chip Antenna (Ground Clearance Not Required)

P/N 2650AT43A0100

Detail Specification: 11/11/08

Page 1 of 4

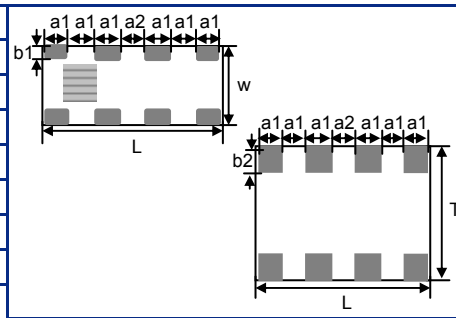
General Specifications

Part Number	2650AT43A0100
Frequency Range	2600 - 2700
Peak Gain	0.5 dBi typ. (YZ-total)
Average Gain	-1.7 dBi typ. (XZ-total)
Return Loss	3.0 dB min.
Impedance	50 Ω
Input Power	2W max.

Operating Temperature	-40 to +85°C
Storage Temperature Range	+5~+35°C, Humidity 45~75%RH
Reel Quantity	1,000

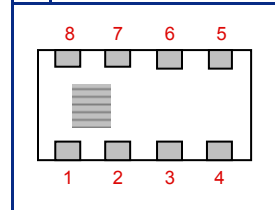
Mechanical Dimensions

	In	mm
L	0.276 ± 0.008	7.00 ± 0.20
W	0.079 ± 0.008	2.00 ± 0.20
T	0.157 ± 0.008	4.00 ± 0.20
a	0.033 ± 0.008	0.85 ± 0.20
b	0.039 ± 0.008	1.00 ± 0.20
c1	0.020 ± 0.008	0.50 ± 0.20
c2	0.039 ± 0.008	1.00 ± 0.20



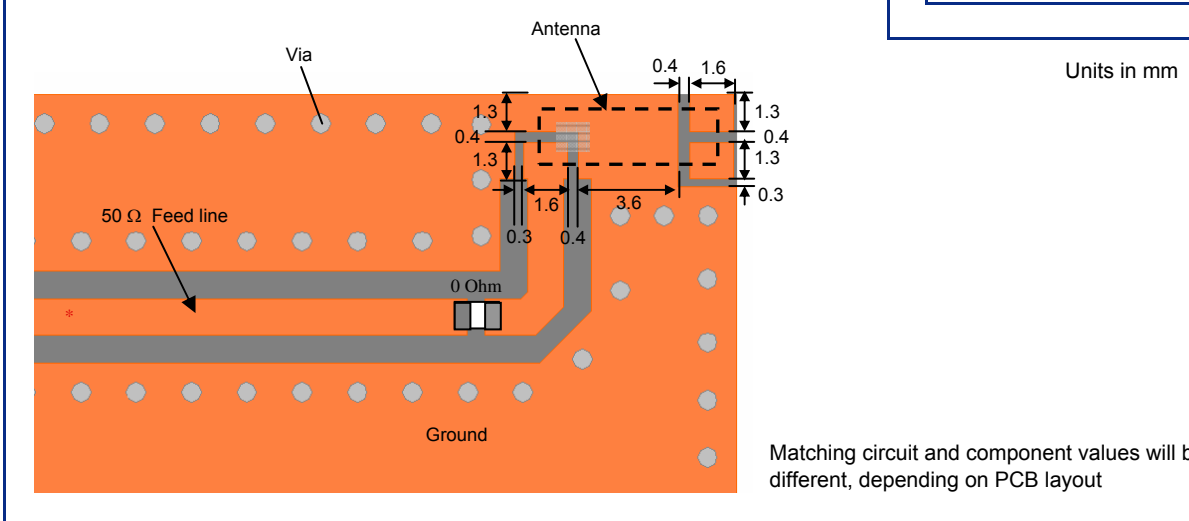
Terminal Configuration

No.	Function
1	Feeding Point
2	GND
3	GND
4	NC
5	NC
6	GND
7	GND
8	GND



Mounting Considerations

*Line width should be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness



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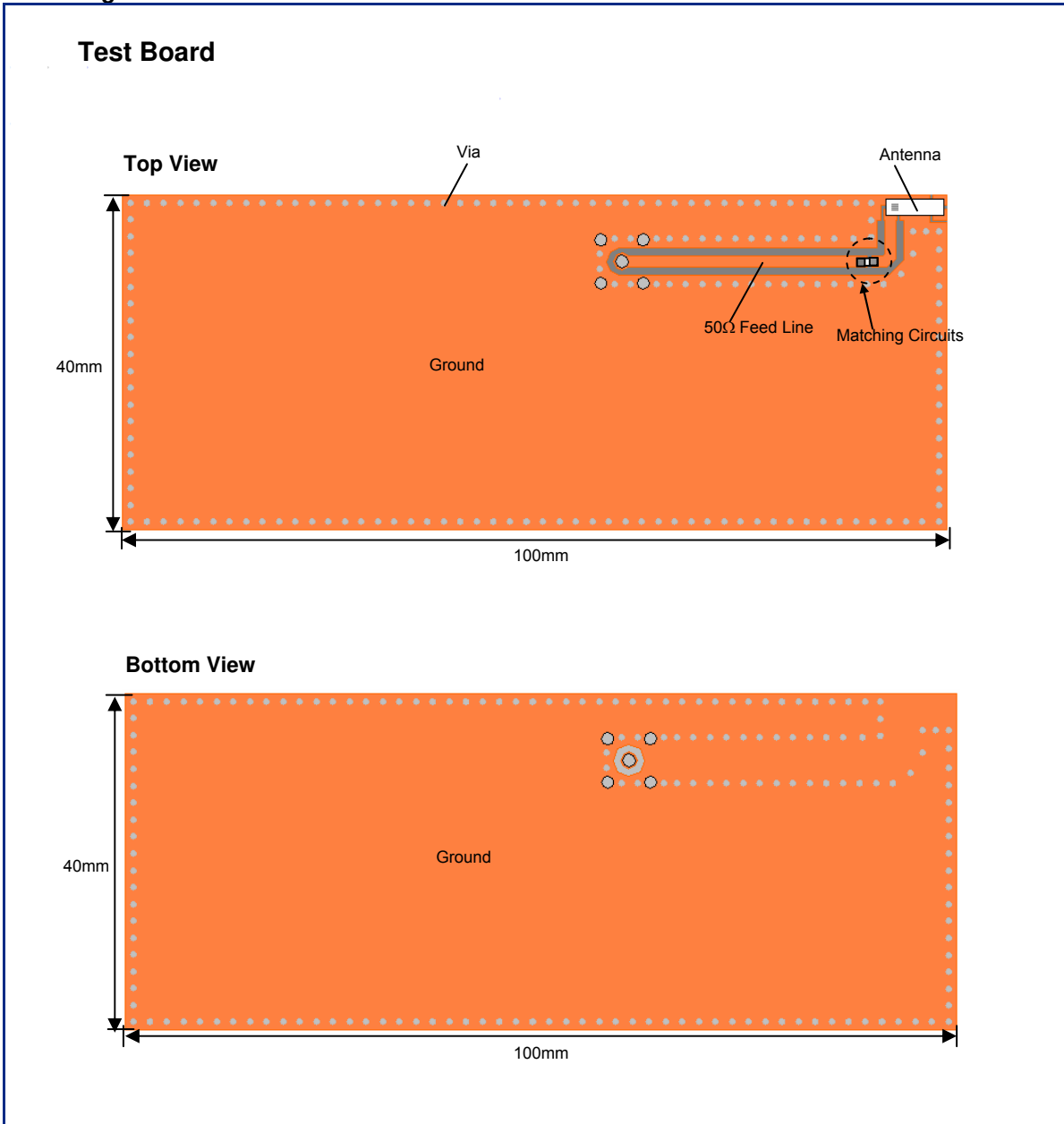
2.6~2.7GHz Chip Antenna (Ground Clearance Not Required)

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Mounting Considerations



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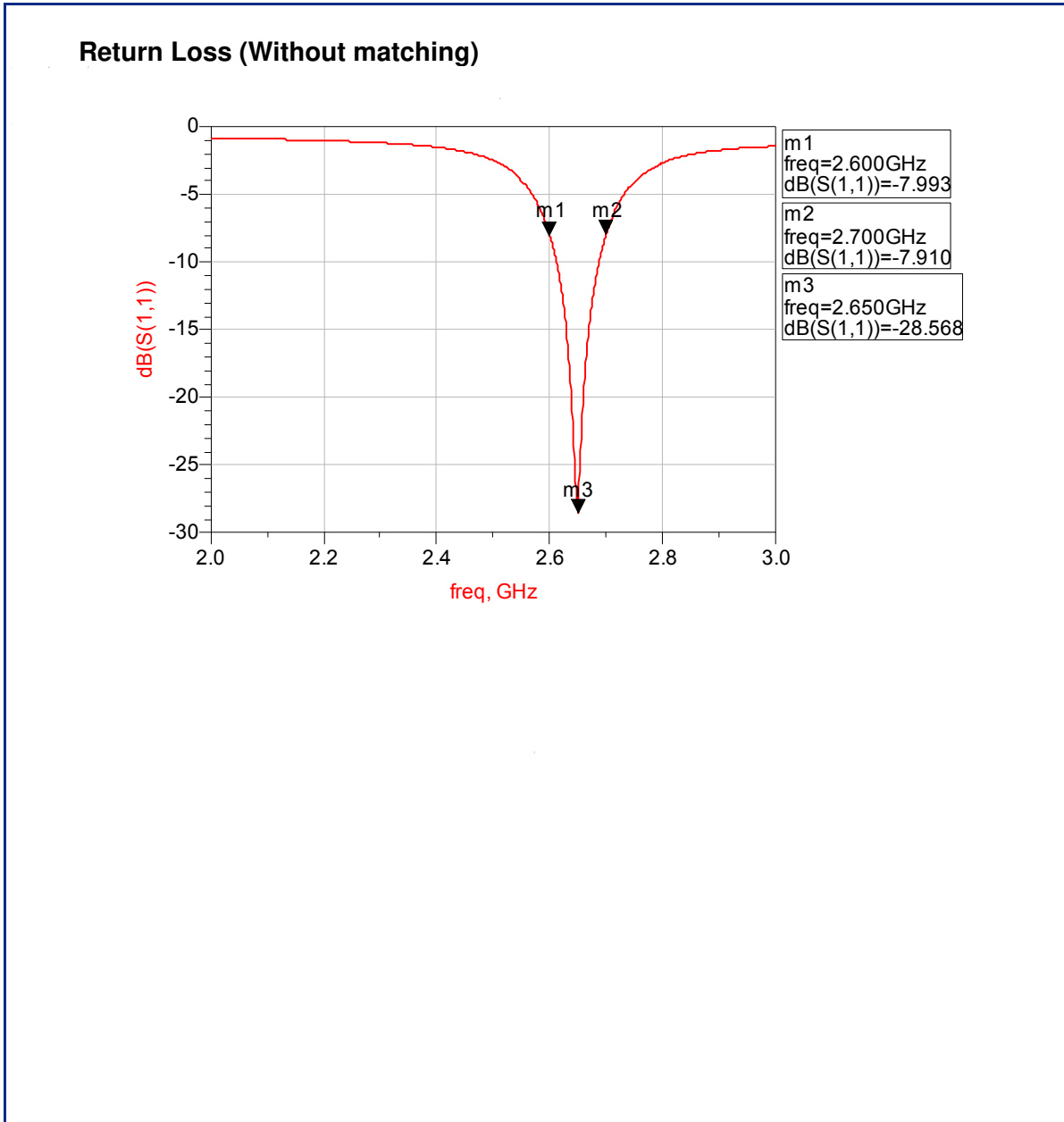
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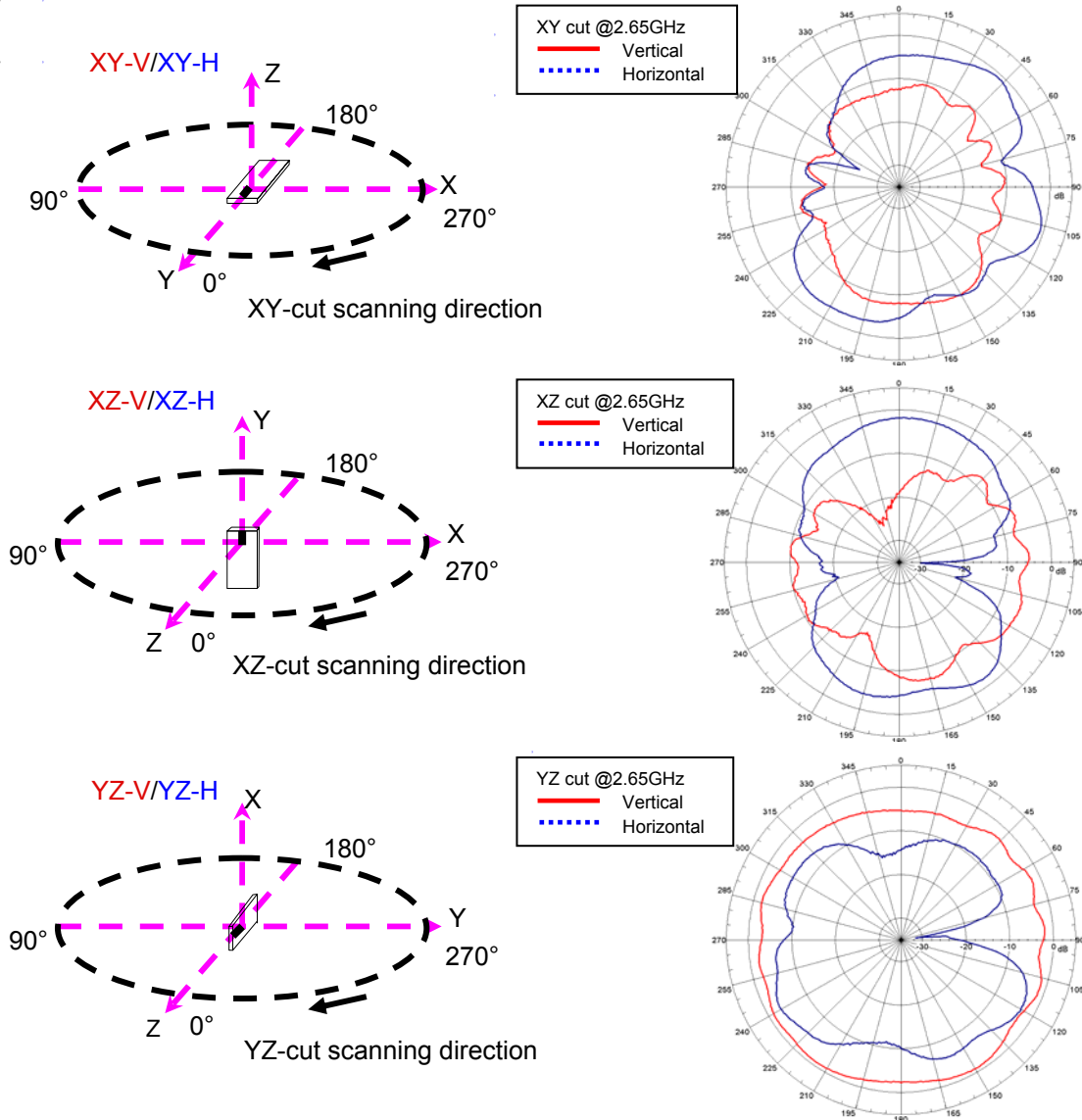
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Typical Radiation Patterns



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