

Bluetooth antenna specification

FSC-ANT H

Manufacturer: Shenzhen Feasycom Co., LTD

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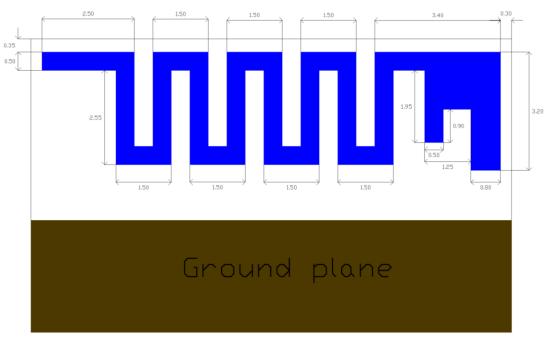
Telephone: 86-755-27924639

www.feasycom.com

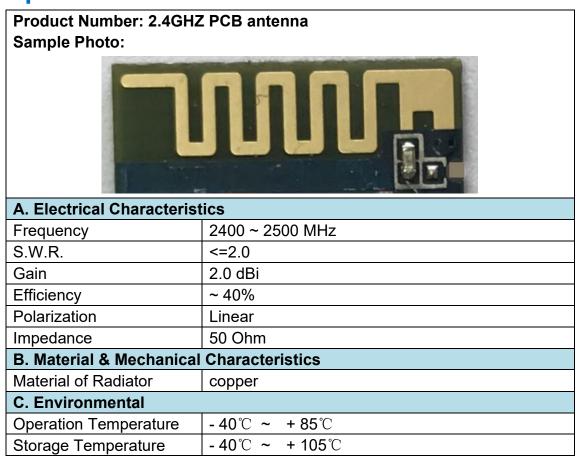


2, Spec Drawing



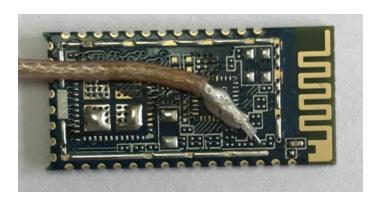


3, Specification

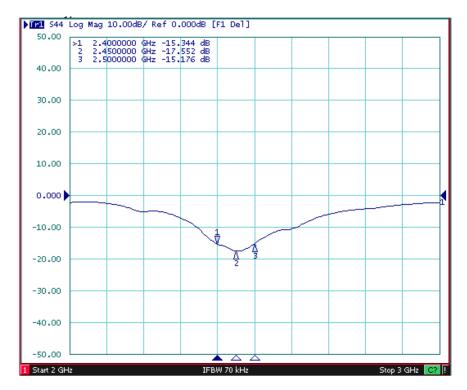




4, Antenna On Test Board



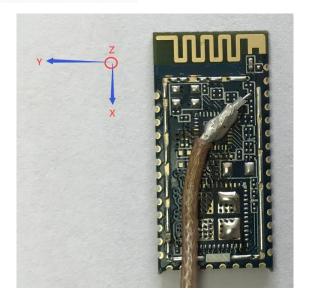
5, Return Loss

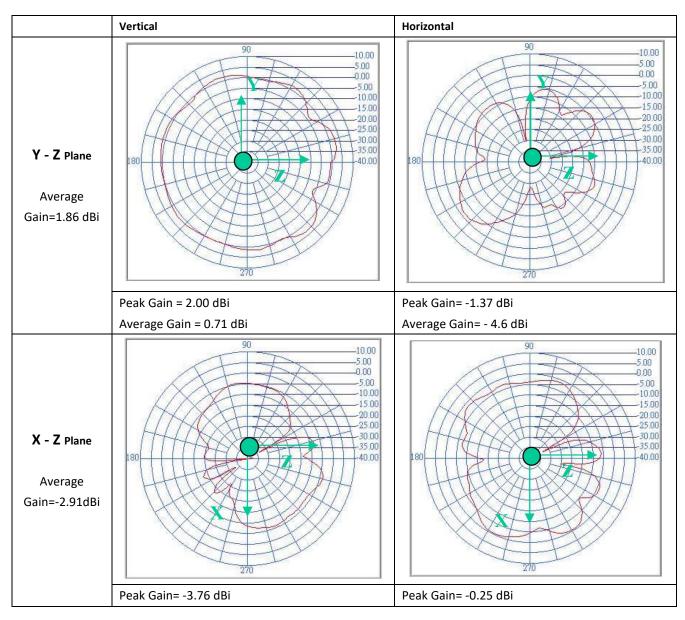


6, Radiation Pattern

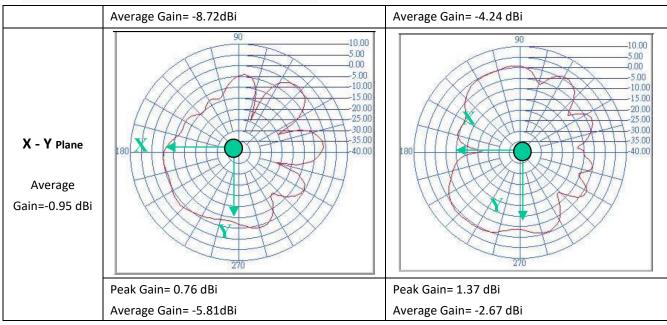
Radiation Pattern and Gain were dependent on measurement board design. The specification of PCB antenna was measur ed based on the PCB size and installation position as shown in the below figure Test Board.











Test Result:

Frequency VNA	E Total. dB(dB)	Efficiency
2400MHz	0.673644	39.76%
2410MHz	1.24355	49.12%
2420MHz	0.235654	41.22%
2430MHz	-0.14259	34.11%
2440MHz	0.34127	37.16%
2450MHz	1.003269	41.39%
2460MHz	2.00305	50.08%
2470MHz	0.636894	40.92%
2480MHz	-0.203466	35.56%
2490MHz	-0.435345	33.52%
2500MHz	0.703435	39.25%