



Shenzhen Yingjia Chuang
electronic technology
Co., LTD

Product antenna commissioning report

Date: June 30, 2023

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Antenna Model: BT7

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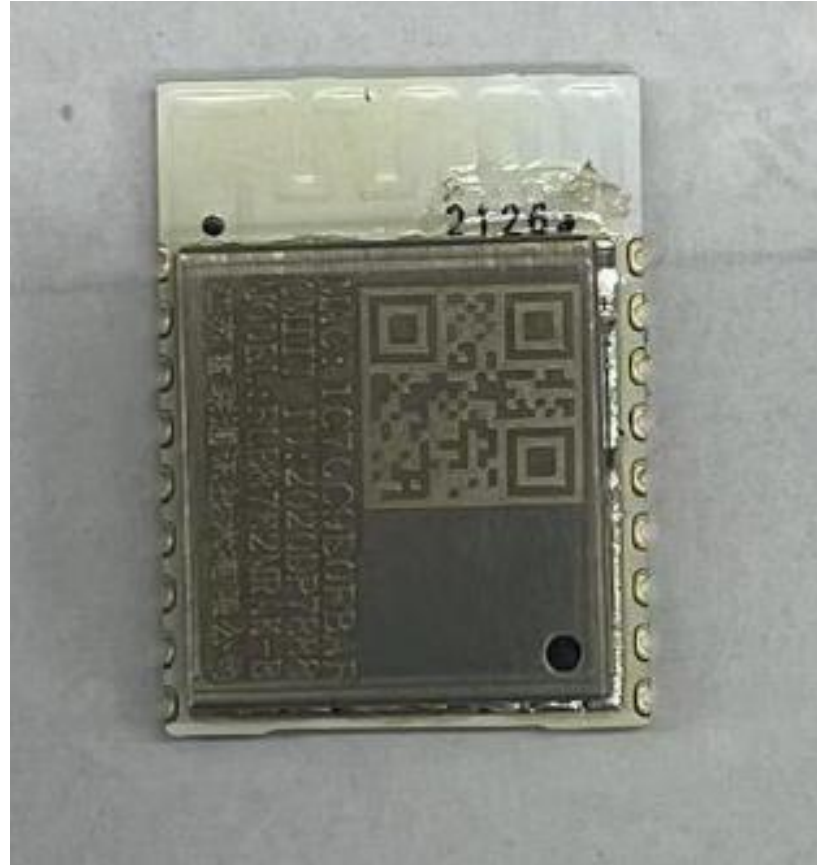
一、Project Overview

Customer name	Project Name	Antennaimplementation
786	modules	PCB antenna
Operating frequency band(MHz)		
2.4	2400–2500MHz	

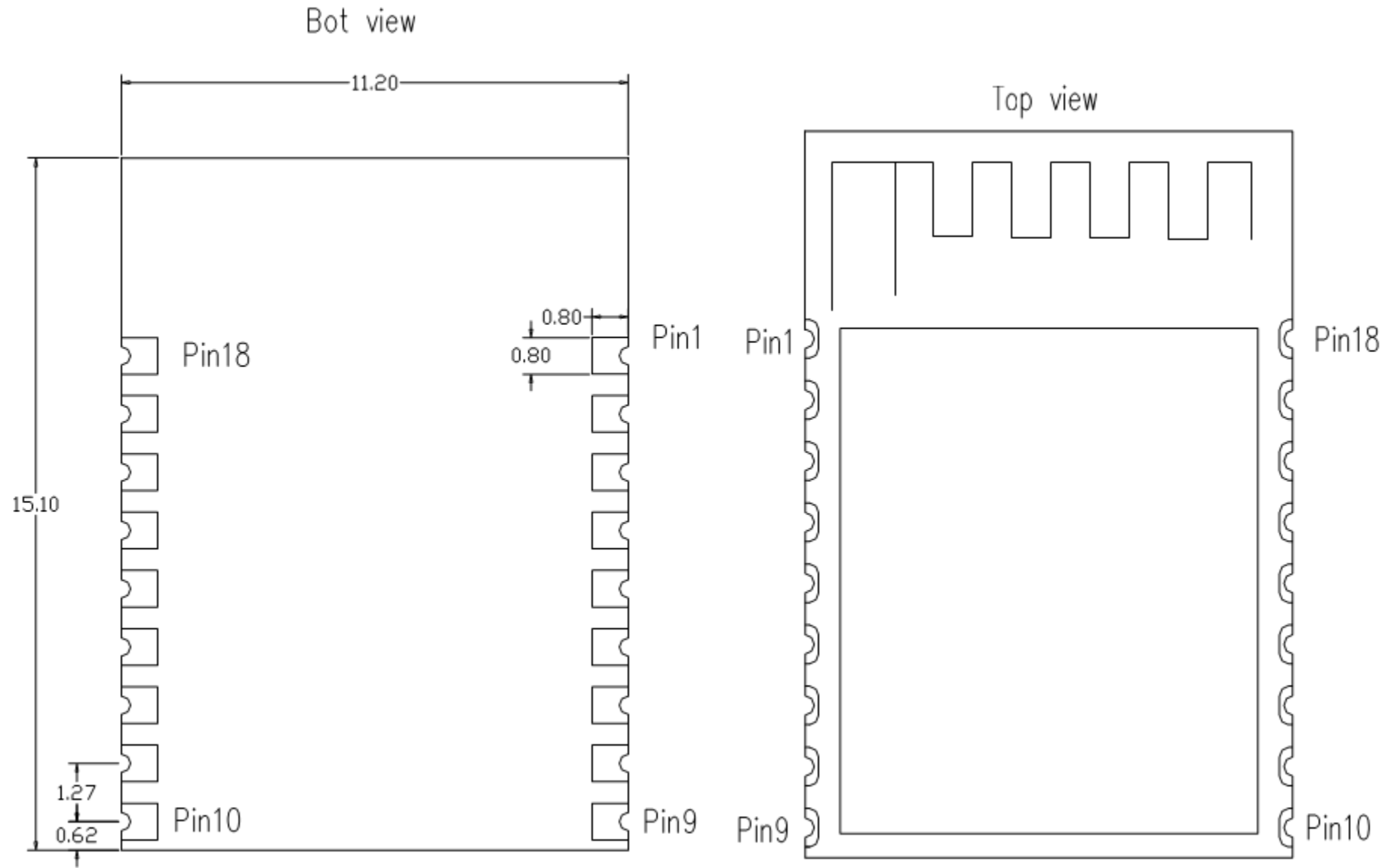
Directory:

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Antenna Location Map



Antenna size



Antenna performance test chart

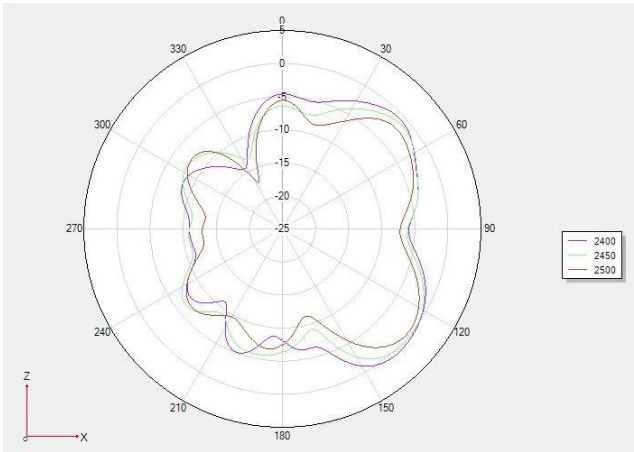


Antenna passive test data

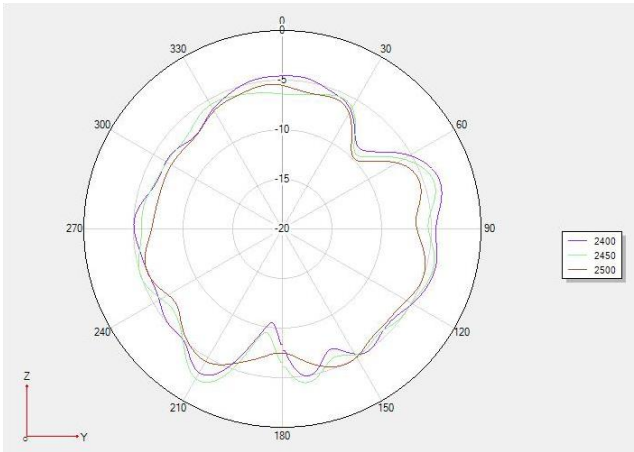
Frequency/MHz	Efficiency/%	Gain/dBi
2400	30.82	0.61
2410	29.95	0.42
2420	29.3	0.41
2430	27.73	0.37
2440	27.99	0.31
2450	26.58	0.26
2460	25.2	0.16
2470	23.92	-0.05
2480	22.55	-0.33
2490	22.5	-0.37
2500	20.77	-0.41

Antenna Antenna Test 2D/3D Diagram

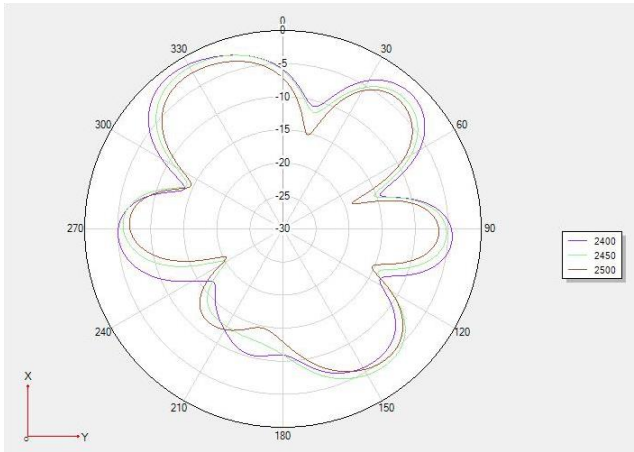
Phi 0 2D image



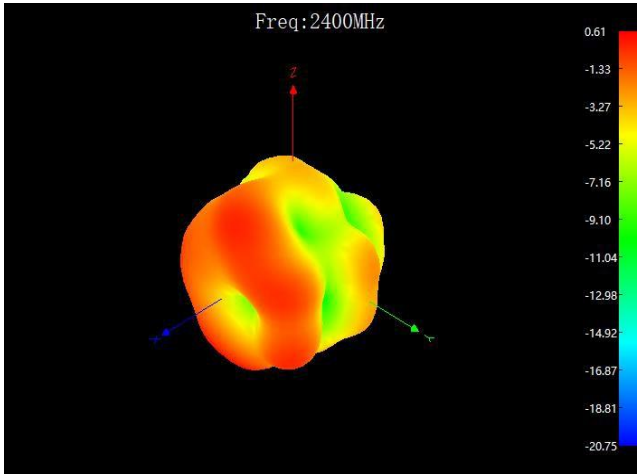
Phi 90 2Dimage



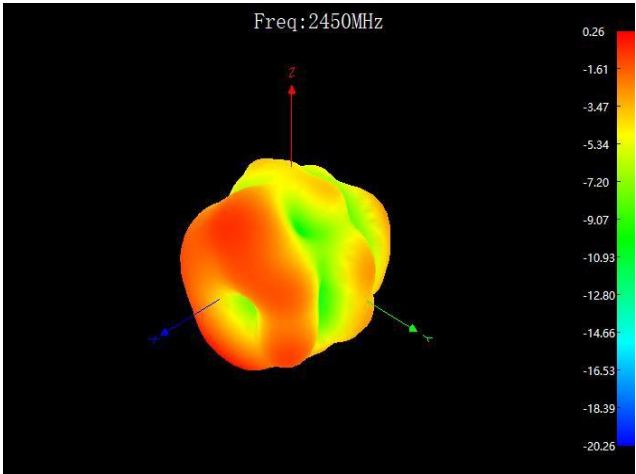
Theta 90 2Dimage



2400



2400



2500

