
Antenna Specification

Manufacture: Dadoutek

Product Name: BB901S Antenna

Antenna Type: PCB

Test Date: 2025.06.19

Tested by: He Lei

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1. General Description

Manufacturer	Shenzhen Dadoutek Electronics Co.,Ltd
Address	Room 201, 2nd Floor, Building 3, NanTai Industrial Park, 2nd Road, NanTai, Guoxing Community, Xixiang Street, Bao'an District, Shenzhen City, Guangdong Province
Test Location	2nd Building, 4th Floor, Taiyunchuanggu, North of Guangming Avenue, Guangming New District, Shenzhen City
Product Name	BB901S Antenna
Product model	BB901S
Antenna Type	PCB Antenna
Test Items	Gain; Efficiency; EIRP;Radiation Pattern
Test Frequency	2400~2500MHz
Test Standard	ANSI/IEEE Std 149-1979

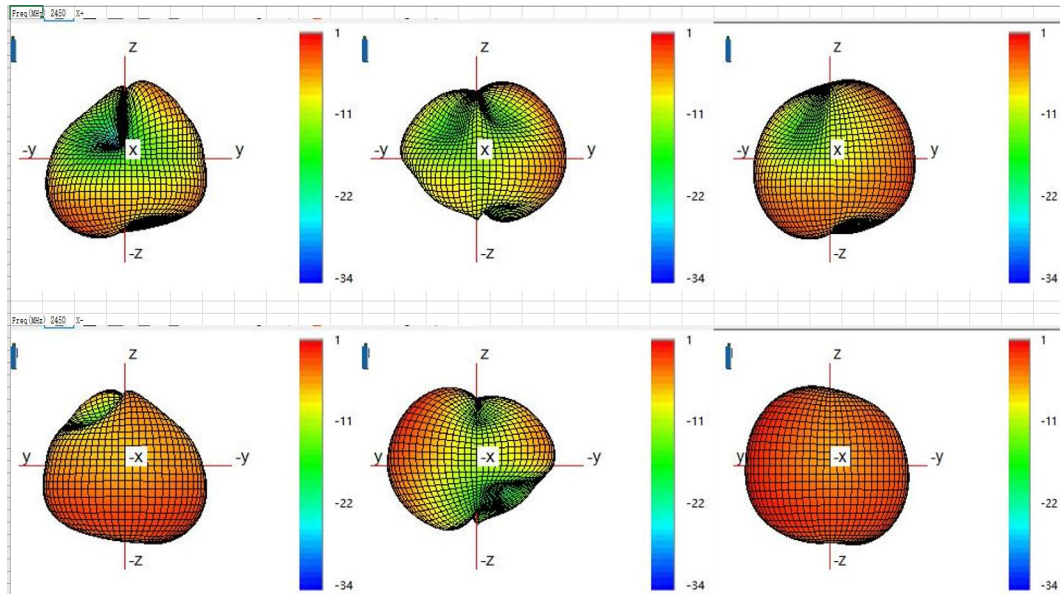
3. Test Results

3.1 Gain and Efficiency

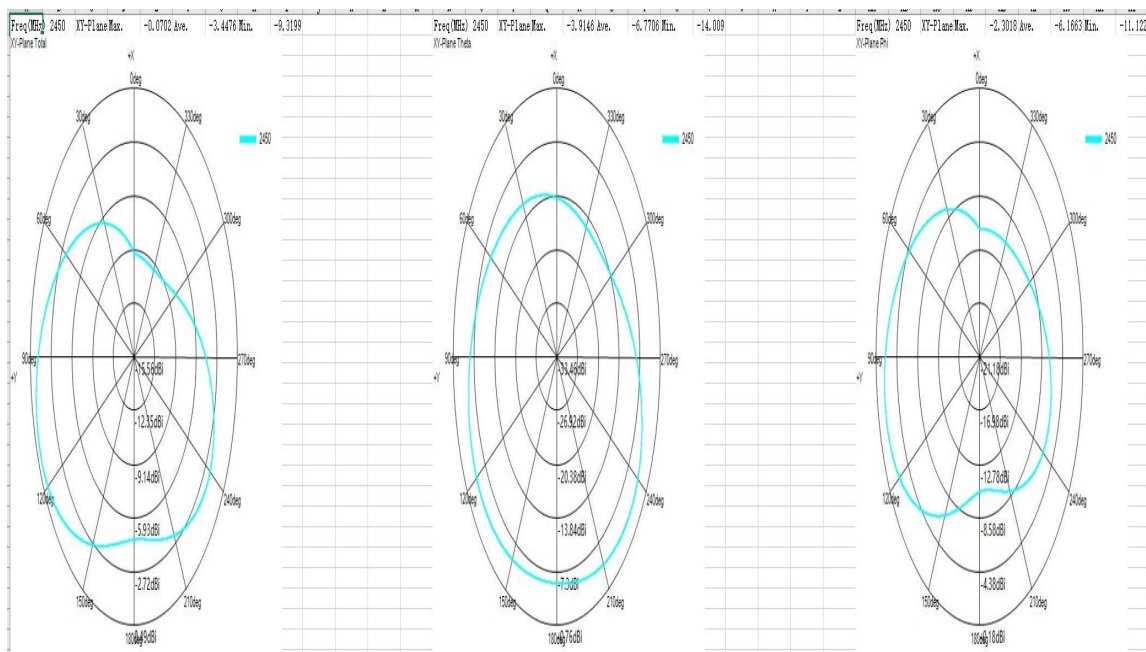
Freq (MHz)	Gain (dbi)	Effi (%)	EIRP (dBW)	EIRP (dBm)
2400	1.85	58.49	-28.15	1.85
2410	1.93	59.36	-28.07	1.93
2420	1.99	59.98	-28.07	1.99
2430	1.97	59.91	-28.03	1.97
2440	1.99	57.39	-28.01	1.99
2450	1.95	55.98	-28.05	1.95
2460	1.77	52.99	-28.23	1.77
2470	1.23	48.5	-28.77	1.23
2480	0.64	45.06	-29.36	0.64

3.2 Radiation Pattern

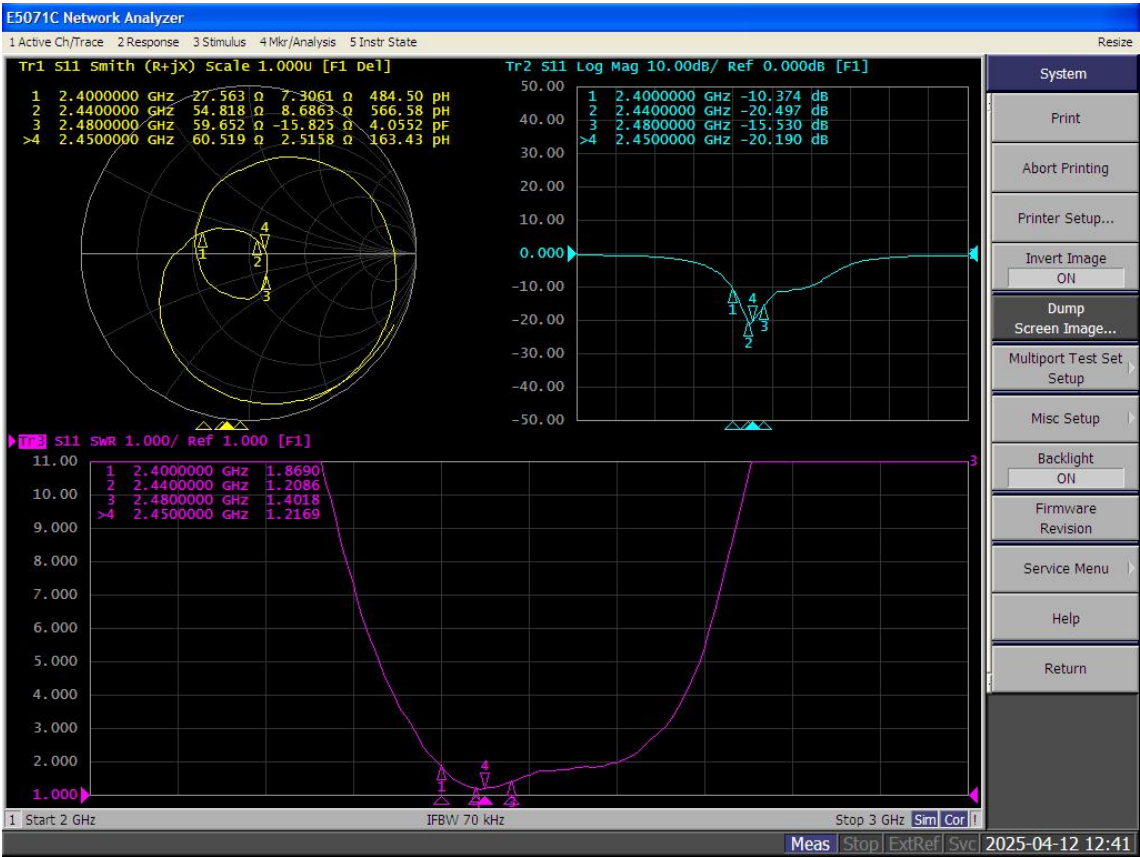
3.2.1、Passive Antenna Radiation Pattern



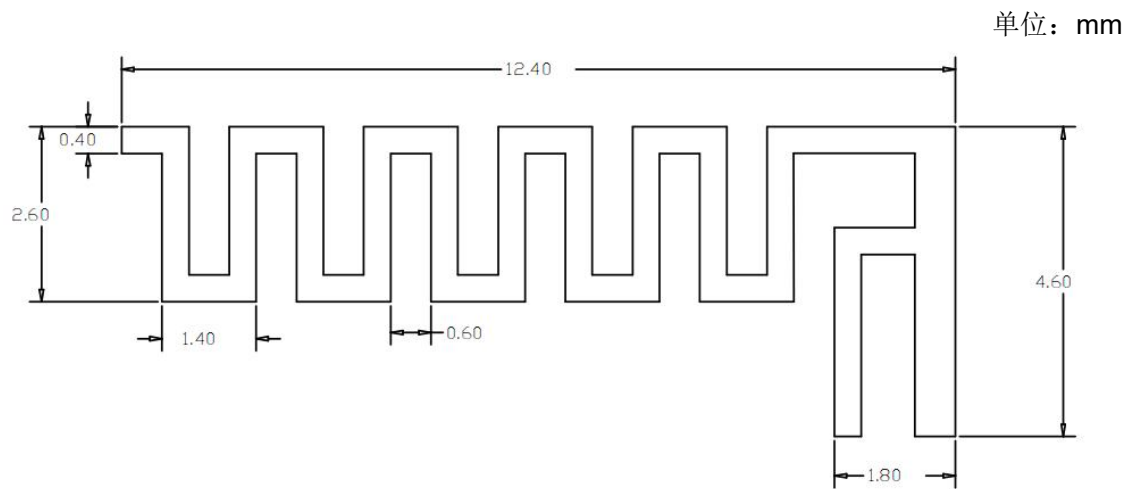
3.2.2、Antenna passive field pattern diagram



3.3 simulation parameter



4. Antenna Dimensions



5. EUT Photo

Antenna →



6. Test Setup Photo

