



Shenzhen Anwei Wireless Technology Co., Ltd

SPECIFICATION

Customer	Enabot（FuZhi）	Specs	EBO-MINI-Sport-2.4/5GWIFI-AW-V0.1
Part Number	AW006-EBO-MINI-Sport-021-A0	Frequency Band	2400~5800MHZ
Color	Balck	Edition	REV:A
Salesperson	JingHui LV	Design	BingWei Song
Structure	ChangQin Yao	Confirm	BingWei Song
Date	2026/06/22	Signing Date	
Customer confirmation:			
Join hands to create the future			

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1、Product specifications

The report primarily provides parameter testing of the antenna performance for EBO-MINI-Sport-2.4/5G WIFI-AW-V0.1.

Silk screen model	Frequency+Range	Impendence	Antenna Gain	V. S. W. R
EBO-MINI-Sport-2.4/5GWIFI-AW-V0.1	2400~5800MHz	50 Ω	3dBi	≤2.7

2、Electrical performance

2.1 Product actual photos



3、Active test setup

	Channel	TRP (dBm)	TIS (dBm)
WIFI_B_11M	1	21.06	-83.68
	6	20.11	-83.8
	11	20.75	-82.43
WIFI_G_54M	1	19.36	-73.22
	6	18.34	-73.42
	11	19.36	-73.56
WIFI_N_65	1	18.42	-70.82
	6	18.54	-69.57
	11	18.54	-68.32
WIFI_A_54M	36	20.64	-72.66
	64	19.82	-72.77
	165	20.67	-73.47

4、Source-free testing

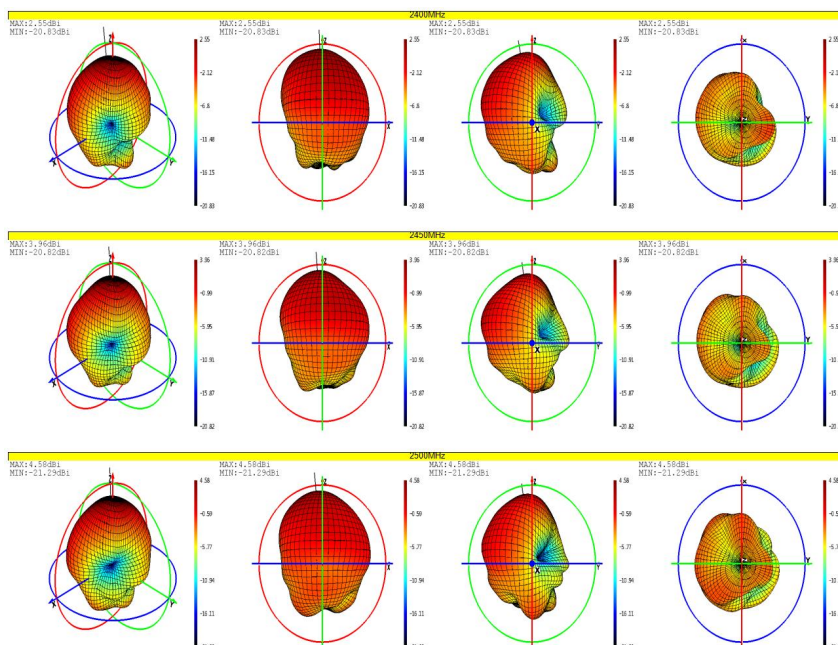
4.1 V.S.W.R

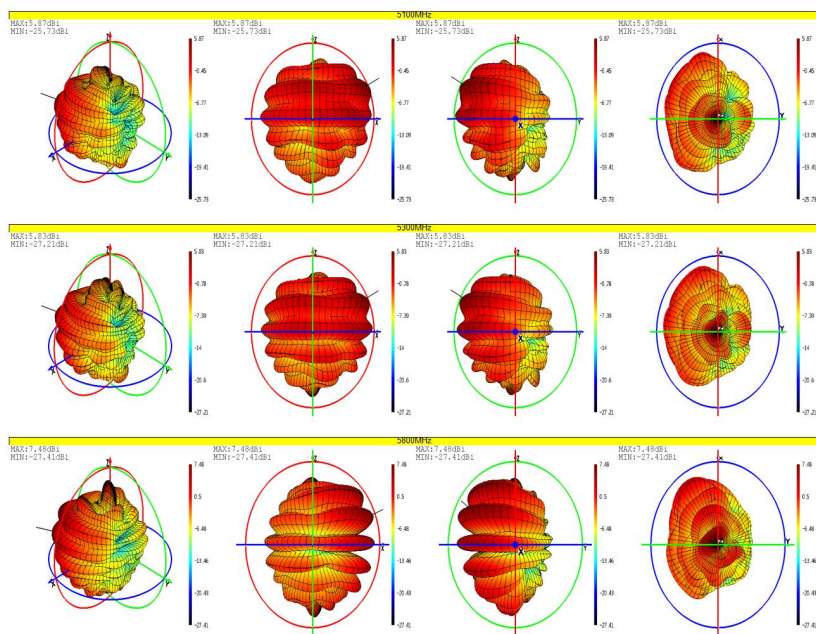


4.2 Gain and efficiency

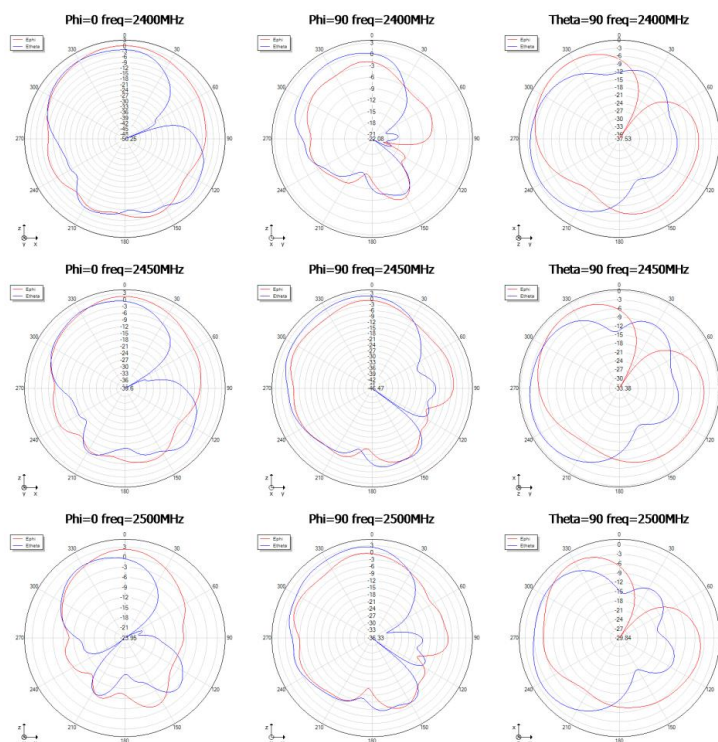
Frequency ID	1	2	3	4	5	6
Frequency (MHz)	2400	2450	2500	5100	5300	5800
Gain (dBi)	2.55	3.96	4.58	5.87	5.83	7.48
Efficiency (%)	49.42	58.14	63.97	65.94	64.78	71.82

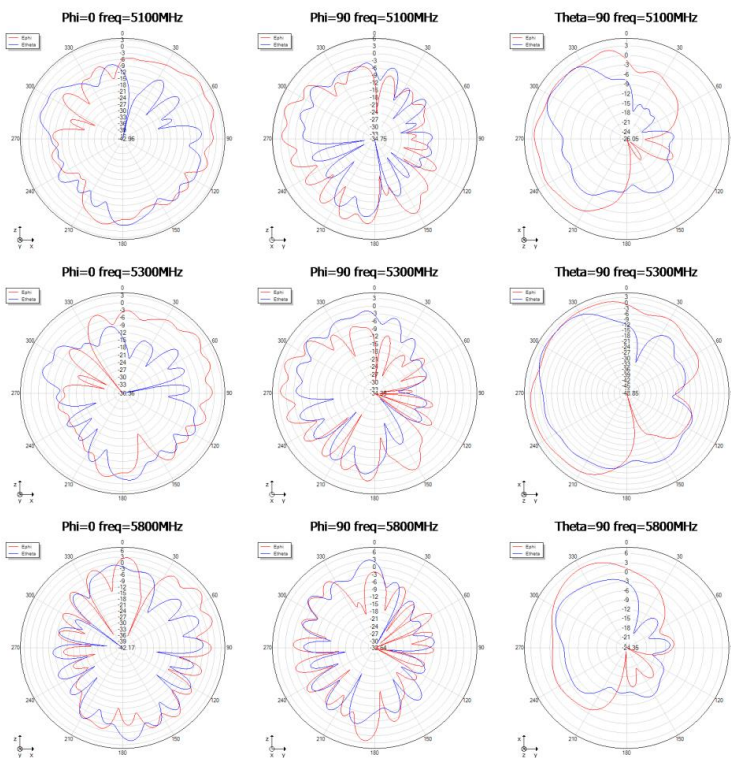
4.3 Apple icon





4.4 Radiation pattern





5、Antenna structure blueprint

