



Shenzhen Anwei Wireless Technology Co., Ltd

SPECIFICATION

Customer	Enabot（FuZhi）	Specs	EBO-MINI-2.4/5GWIFI-AW-V0.1
Part Number	AW006-EBO-MINI-021-A0	Frequency Band	2400~5800MHZ
Color	Balck	Edition	REV:A
Salesperson	JingHui LV	Design	BingWei Song
Structure	ChangQin Yao	Confirm	BingWei Song
Date	2026/04/17	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-2.4/5G WIFI-AW-V0.1.

Silk screen model	Frequency+Range	Impedence	Antenna Gain	V. S. W. R
EBO-MINI-2.4/5GWIFI-AW-V0.1	2400~5800MHz	50 Ω	4dBi	≤ 3.5

2、Electrical performance

2.1 Specifications

The operating frequency band of the EBO-MINI-2.4/5GWIFI-AW-V0.1 antenna is 2400~5800MHz, where resonance occurs。

2.2 Product actual photos



3、Active test setup

	Channel	TRP (dBm)	TIS (dBm)
WIFI_B_11M	1	18.38	-82
	6	16.97	-83.27
	11	17.32	-82.51
WIFI_G_54M	1	16.39	-70.08
	6	15.1	-71.09
	11	15.63	-70.66
WIFI_N_65	1	16.18	-64.09
	6	15.84	-66.51
	11	15.57	-65.36
WIFI_A_54M	36	15.84	-71.24
	64	16.35	-69.41
	165	17.49	-72.17

Assembly method



4、Source-free testing

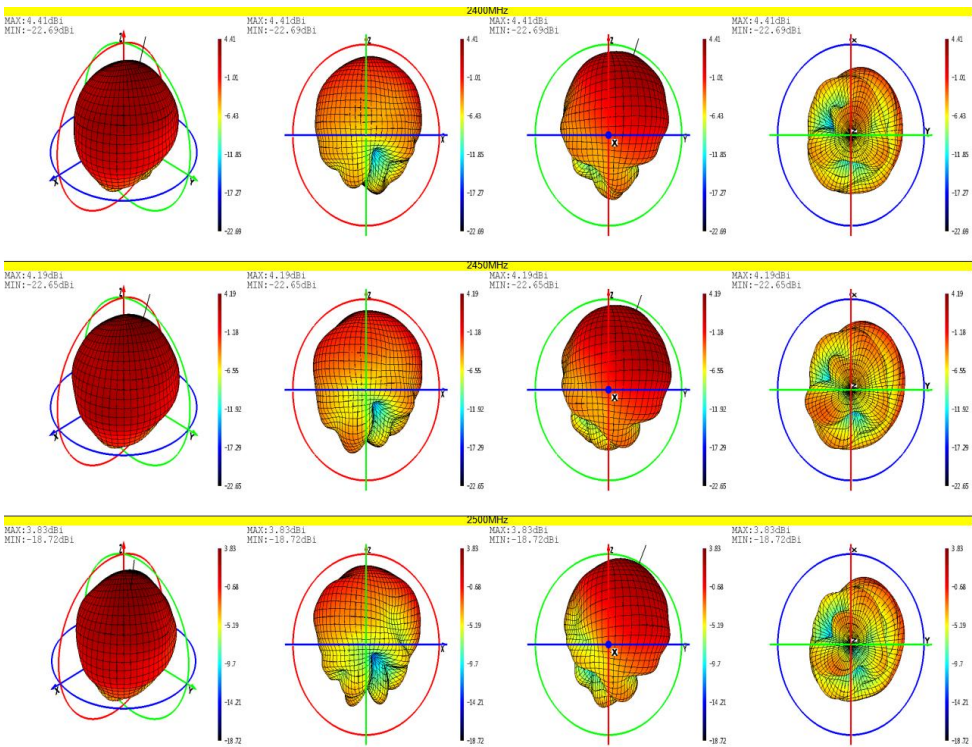
4.1 V.S.W.R

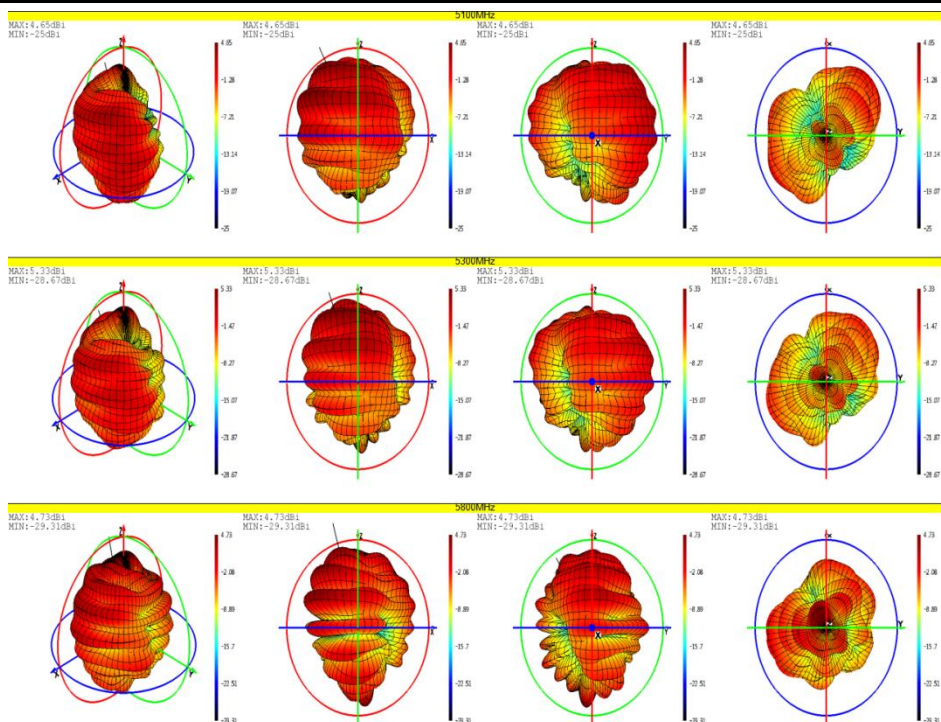


4.2 Gain and efficiency

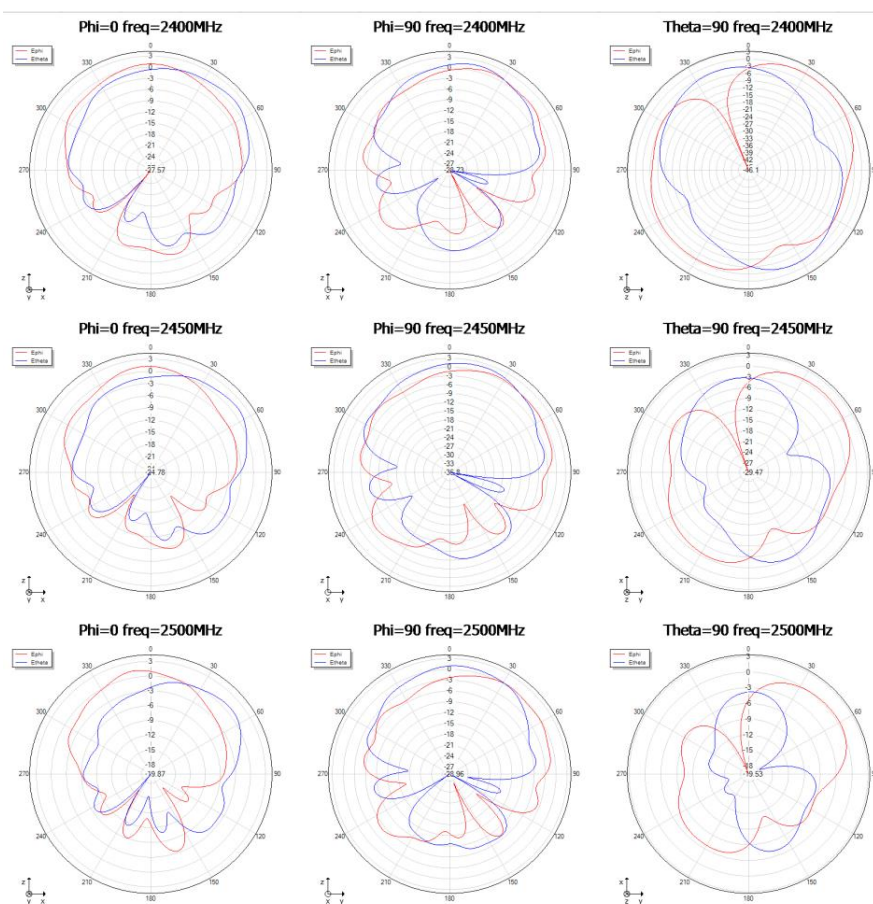
Frequency ID	1	2	3	4	5	6
Frequency (MHz)	2400	2450	2500	5100	5300	5800
Gain (dBi)	4.41	4.19	3.83	4.65	5.33	4.73
Efficiency (%)	67.02	64.90	59.41	50.39	50.51	68.67

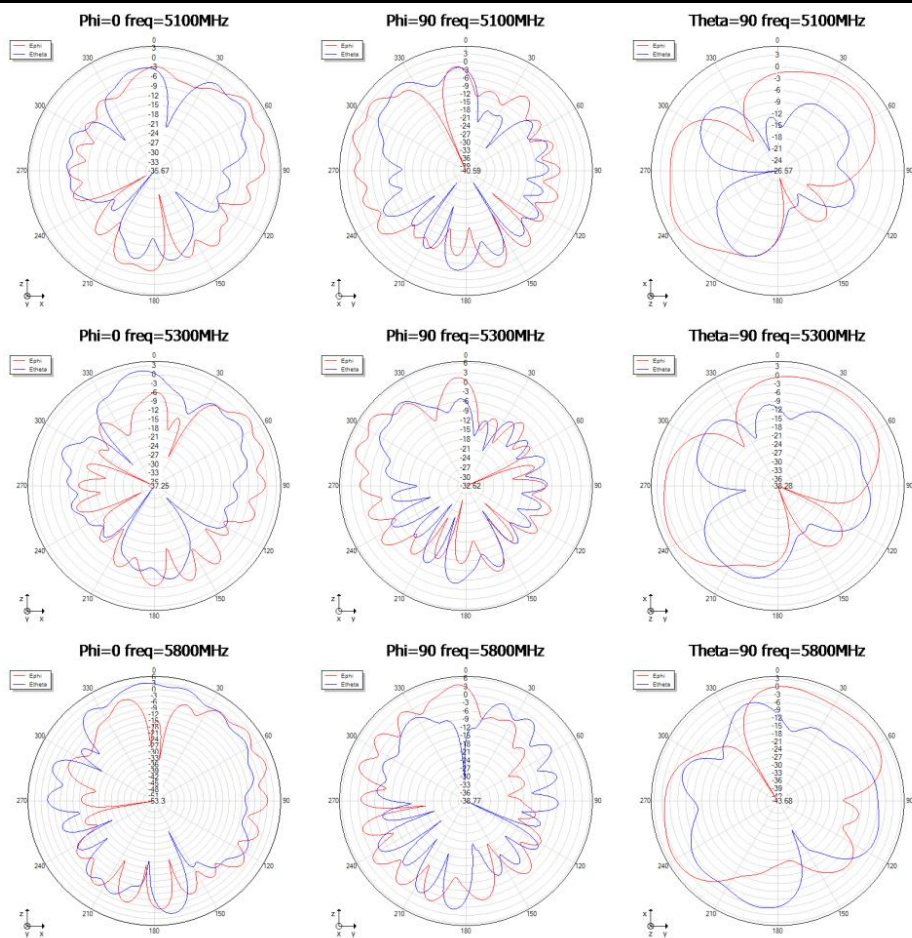
4.3 Apple icon





4.4 Radiation pattern





Technical drawing of a cable assembly. The drawing shows a cable with a braid, a shield, and a core. The dimensions are as follows:

- Overall length: 65 ± 0.5
- Length of the braid/shield section: 44.23 ± 0.15
- Length of the core section: 10.53 ± 0.15
- Core diameter: $\phi 1.13$
- Label: EBO-MINI-2.4/500TPI
- Label: -AW-10.1
- Label: IPEX-1