

NNX-BF25 WiFi Antenna specification

Name: NNX-BF25 WiFi Antenna

Model Type: NNX-BF25-WIFI_V1.0

Code: 304601001247

manufacturer: Shenzhen Neoway Technology Co.,Ltd.

address:43rd floor, Building 1, Huide Building, Minzhi Street, Longhua New District, Shenzhen

Version:V1.0

Date:2023-08

Catalog

1 Antenna picture	3
2 Product Parameters	4
3 Product Features	5
4 Passive Parameters	6
4.1 VSWR	6
4.2 Efficiency	7
5 Active Parameters	8
6 Structure	9

1 Antenna picture



天线样品图

2 Product Parameters

Name	NNX-BF25 WIFI Antenna	Model Type	NNX-BF25-WIFI_V1.0
Frequency Range	2400-2500MHZ	Dimensions	15.8*11.9mm*0.2mm
VSWR	≤ 3.5	Color	Black
Efficiency	$\geq 25\%$	Cable	/
Max Gain	2.5dBi	Working Temperature	-40℃- +85℃
Impedance	50 欧姆	Materials	Copper
Polarization	线极化		
Radiation	全向		

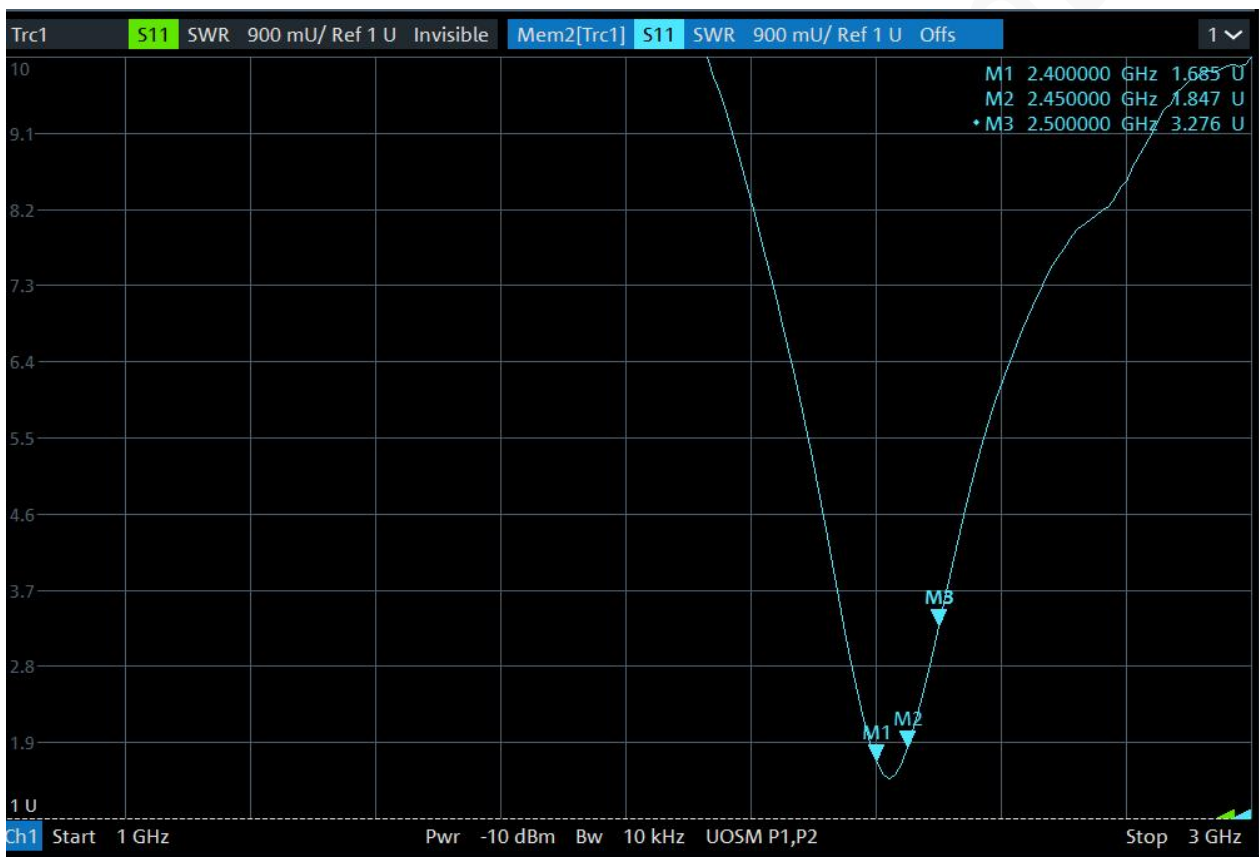
3 Product Features

- The full-band efficiency is guaranteed, and the average efficiency of the full-band is >25%;
- The passive efficiency performance of the whole machine is tested by a professional microwave darkroom to ensure the normal communication function in actual use.

4 Passive Parameters

4.1 VSWR

Frequency (MHZ)	2400	2450	2500
VSWR	1.68	1.84	3.27



4.2 Efficiency

Frequen cy / MHz	Efficie ncy / dB	Efficie ncy / %
2400	-5.08	31.05
2410	-5.11	30.83
2420	-5.11	30.83
2430	-5.22	30.06
2440	-5.38	28.97
2450	-5.44	28.58
2460	-5.52	28.05
2470	-5.44	28.58
2480	-5.79	26.36
2490	-6.19	24.04
2500	-6.01	25.06

5 Active Parameters

Type	Band	Channel	Total
TRF	WIFI_E (11M)	1	13.74
TRF	WIFI_E (11M)	7	14.7
TRF	WIFI_E (11M)	13	14
TIS(EIRP)	WIFI_E (11M)	1	-82.55
TIS(EIRP)	WIFI_E (11M)	7	-83.87
TIS(EIRP)	WIFI_E (11M)	13	-81.56

6 Structure

