

承 认 书

FIRST ARTICLE REPORT

Customer Name: Shenzhen Taihe Electronics Co., Ltd

Customer Model: M9

Data : 025.05.23

approve: Gensheng Wu

Customer confirmation			
quality	R & D	procurement	approve

深 圳 市 美 师 傅 科 技 有 限 公 司
Shenzhenshi MEI SHI FU Technology Co., Ltd

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1. test tool

comprehensive tester	Agilent Technologies E5071B & R&S CMW500
dark room	Atenlab M3
Test Engineer	Chaofan Liu
temperature	25℃
humidity	65% (RH)



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2. Basic Information

Antenna manufacturer: Shenzhen Meishifu Technology Co., Ltd

Manufacturer Address: 218 Huichao Building, Yintian Industrial Zone, Yantian Community, Xixiang Street, Bao'an District, Shenzhen, Guangdong Province

Machine type: HBT002-MIAN ANC

Antenna frequency band: 2400MHZ-2485MHz

Antenna form: onboard inverted F antenna

Feeding form: double fed

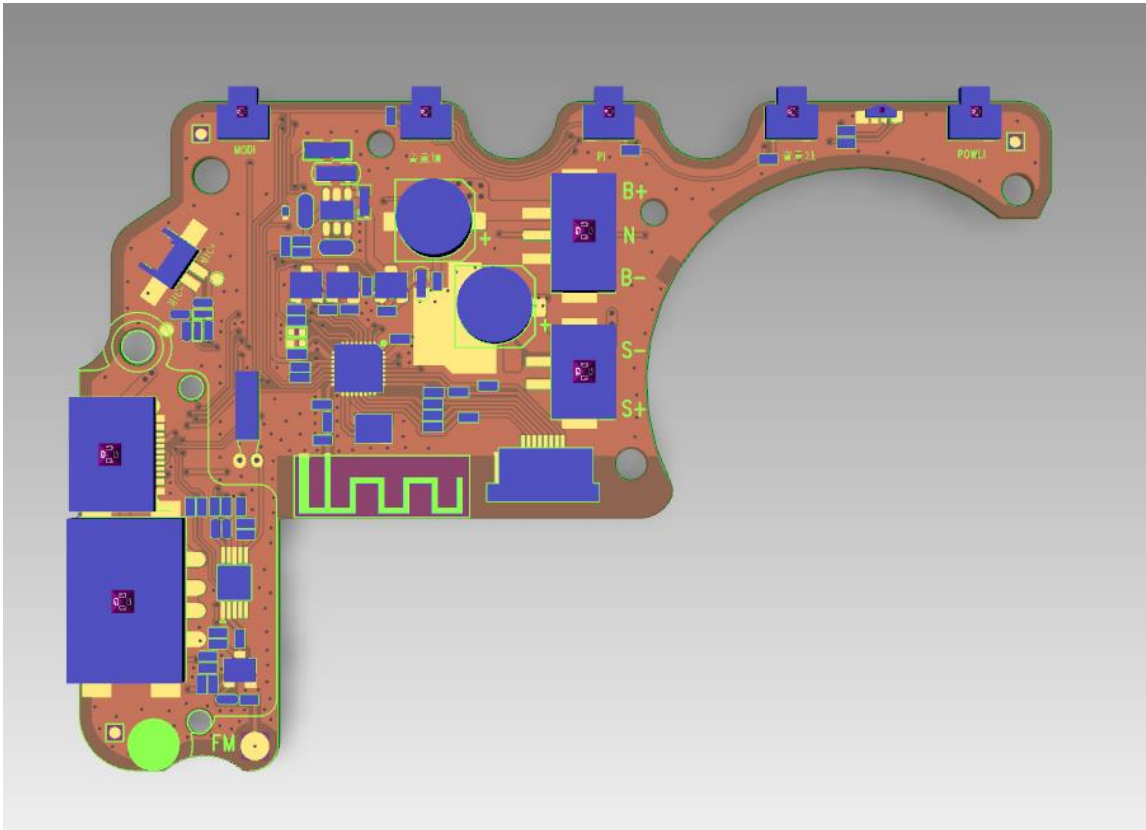
Number of feeding pins: feeding point+feeding point

Motherboard version number: HBT002-MIAN ANC-V1.2

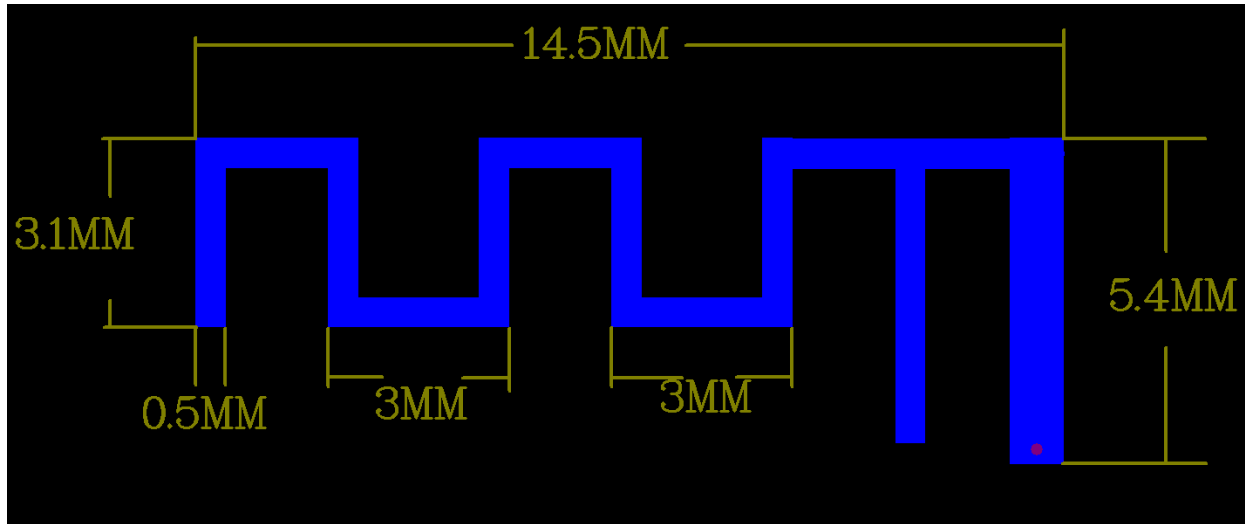
Antenna gain: 1.36 dBi

Antenna model: IBT-Banz-DF04

3. Antenna Information



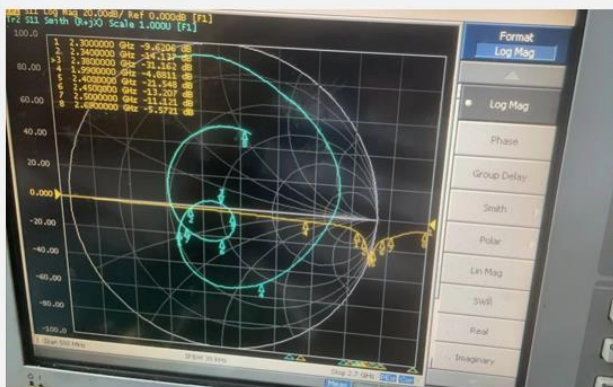
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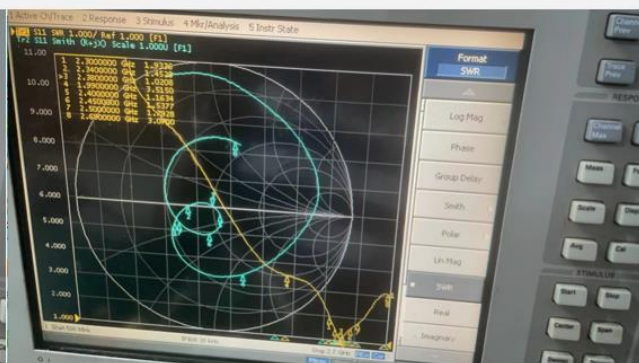
Antenna return loss and standing wave ratio

Li Tongchuang ANT S11 parameter Summary				
Band	2400-2500 (MHz)			
	2400	2450	2500	
R. L (dB)	-21.5	-13.2	-11.2	
VSWR	1.2	1.5	1.8	

LOG



VSWR

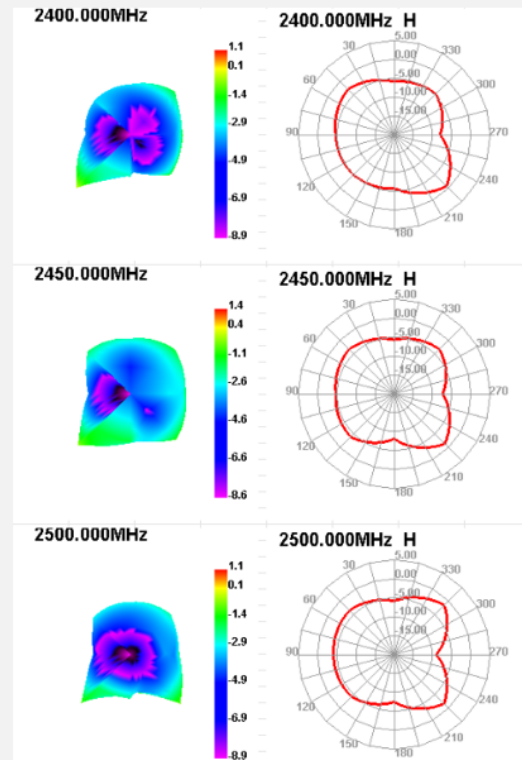


4. Gain efficiency



Bluetooth headset free space passive test data

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)
2400	37.91	-4.21	1.05	-1.1
2410	38.12	-4.19	1.1	-1.05
2420	36.98	-4.32	1.02	-1.13
2430	34.58	-4.61	0.83	-1.32
2440	37.07	-4.31	1.18	-0.97
2450	38.83	-4.11	1.36	-0.79
2460	36.56	-4.37	1.07	-1.08
2470	36.01	-4.44	0.93	-1.22
2480	39.62	-4.02	1.31	-0.84
2490	40.67	-3.91	1.32	-0.83
2500	39.48	-4.04	1.11	-1.04



5. Engineering drawing

