

承 认 书

FIRST ARTICLE REPORT

Customer Name: Shenzhen Meichenke Electronic Technology Co., Ltd

CUSTOMER PART NO: B57 (IBT-63B-V1.2)

Date : 2025.03.27

Approved: Wu Gensheng

customer confirma tion			
Quality	R&D	purchase	Approved

请回签一份承认书给我司，谢谢！

类型： ☐ 样板 ☒ 首批量 ☒ 大批量

1. test tools

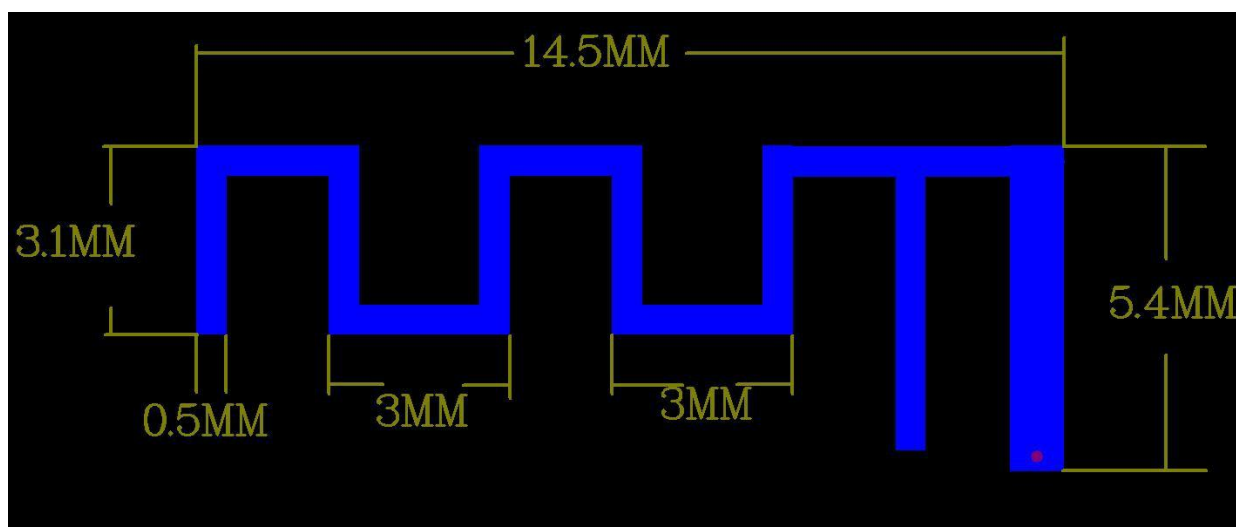
Integrated measuring instrument	Agilent Technologies E5071B & R&S CMW500
darkroom	Atenlab M3
Test engineer	Liu Chaofan



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

Antenna manufacturer :	Shenzhen Meishifu Technology Co., Ltd
Manufacturer 's address:	Room 1808, Jinhuan Yu Building, No. 56 Tiezai Road, Bao'an District, Shenzhen, Guangdong Province
Machine type:	IBT-63B-V1.2
Antenna frequency band:	2400MHZ 2485MHZ
antenna form:	Onboard inverted F antenna
Feed form:	Doubly-fed
Number of feed pins:	Feed point+feed location
Motherboard version number:	IBT-63B-V1.2
Antenna gain:	1.36 dbi
Antenna model:	IBT-Banz-DF04

Antenna Information

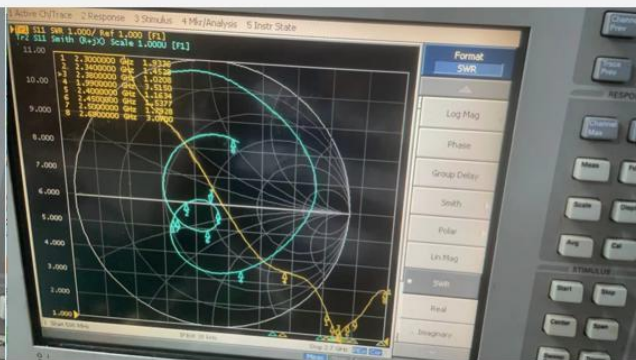
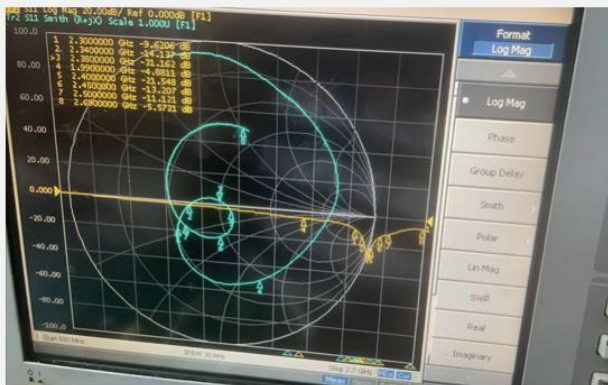


天线回波损耗及驻波比

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

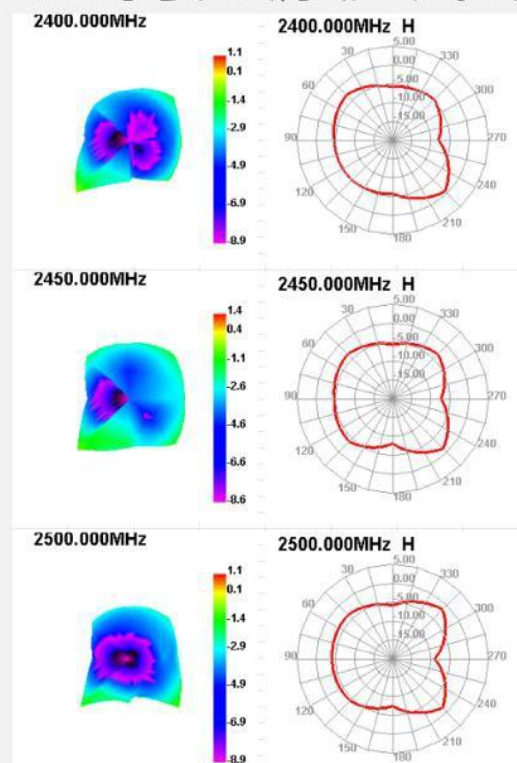
VSWR



4. gain efficiency

头戴蓝牙耳机自由空间无源测试数据

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



7. engineering drawing

