

SPECIFICATION

SHEET FOR APPROVAL

(Revision: A2)

CUSTOMER (客户名称)	Verifone System Co., LTD	
CS P/N (客户机种)	VR1	
PART NAME (品名)	BT ANT	
Antenna Type (天线类型)	PIFA Type	
FREQUENCY (频率)	2400~2480Hz	
VFC NO. (物料编号)		
DATE (日期)	2025-1-23	

ZHONG TIAN XUN TECHNOLOGY CO., LTD		
MANAGER CHECKED	ME CHECKED	RF CHECKED
王而栋	胡小良	谢恩元

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ANTENNA SPECIFICATION

CUS P/N : VR1 BT ANT

ApplicationDate:Jan.23,2025

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1.General Description

Dbi	Decibel relative isotropic antenna
Tx	Transmit frequency
Rx	Receive frequency
VSWR	Voltage Standing Wave Ratio
GSM	Global Service for Mobile communication
DCS	Digital Communication System
PCS	Personal Communication System
PHS	Personal Handy-phone System
SAR	Specific Absorption Rate
PCB	Printed Circuit Board

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2. Testing equipment

Test equipment	Calibration date	Due date
OTA GTS-1800	2024/12/23	2025/12/23
Agilent 8753ES	2024/12/23	2025/12/23

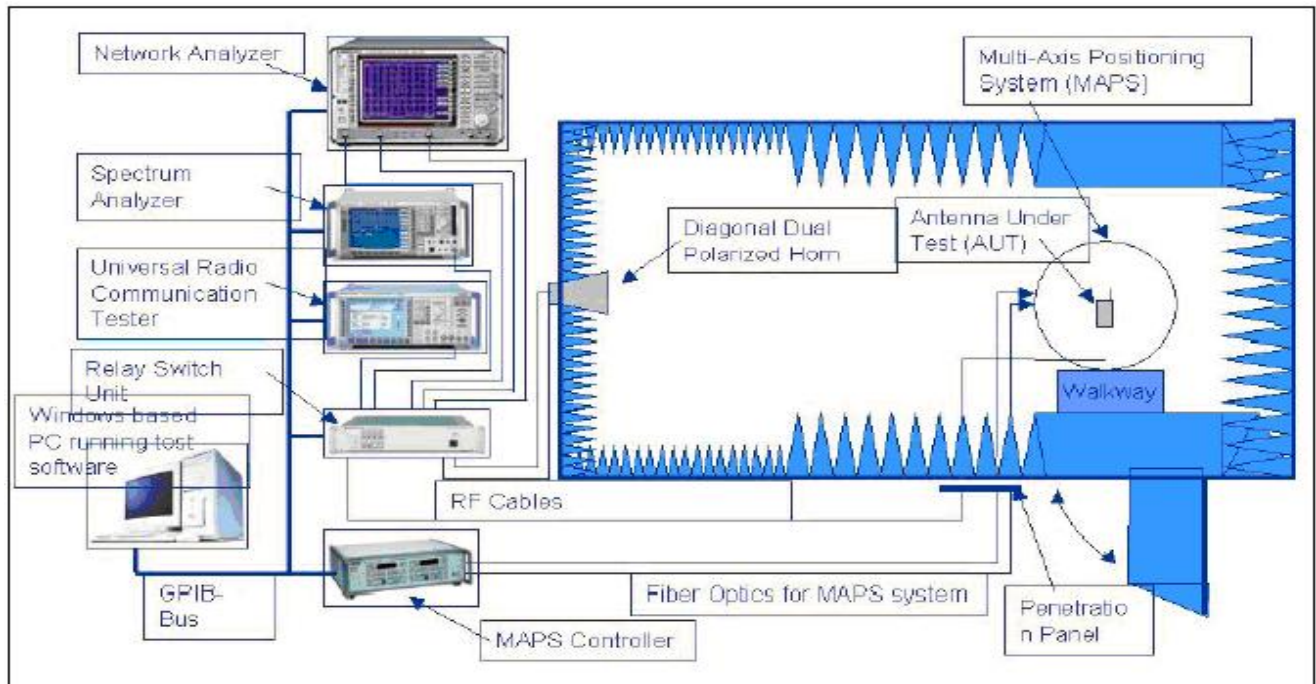
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3. Electrical Specifications

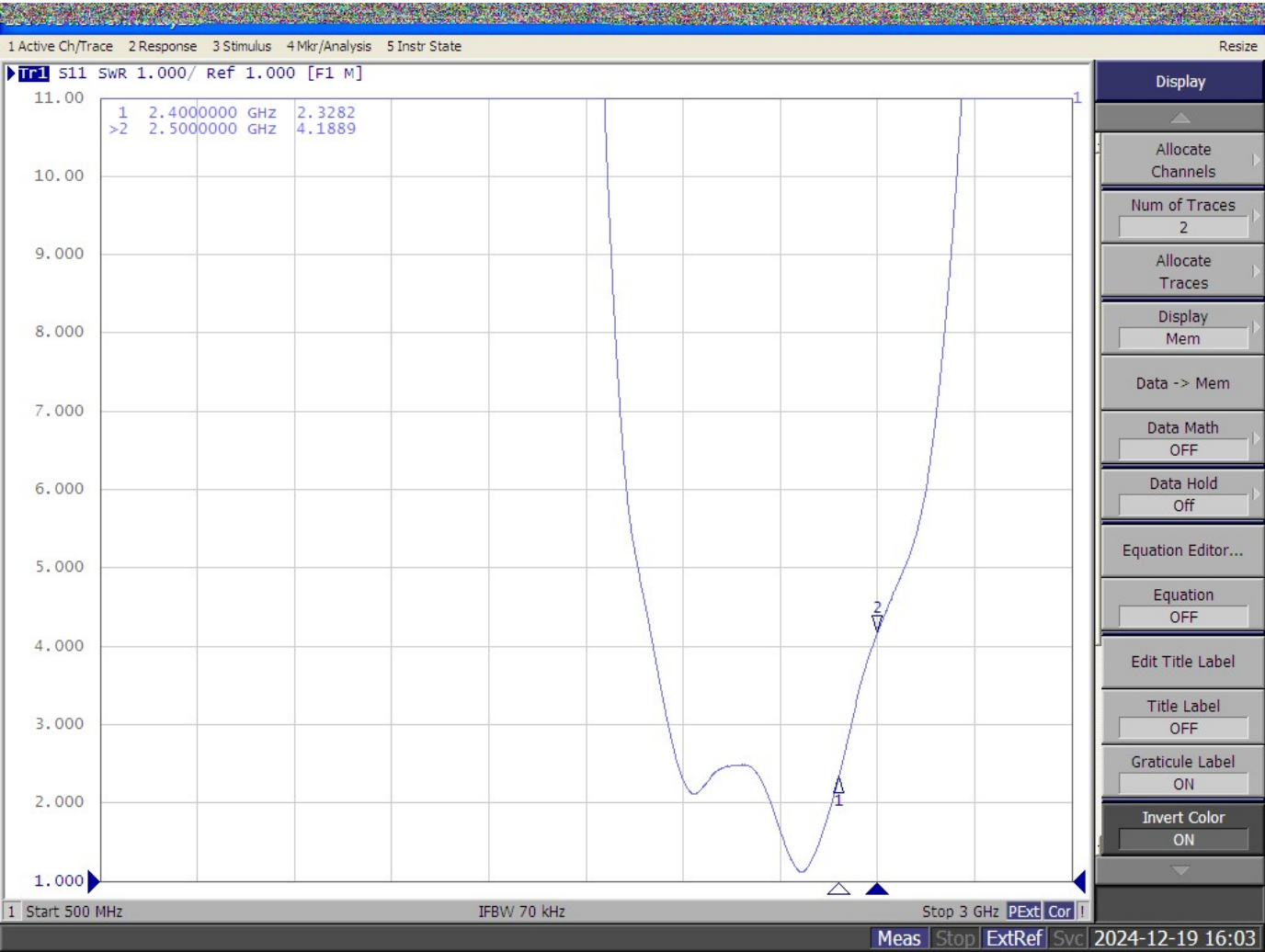
3-1 VSWR

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3-2 Antenna passive test

ANTENNA SPECIFICATION

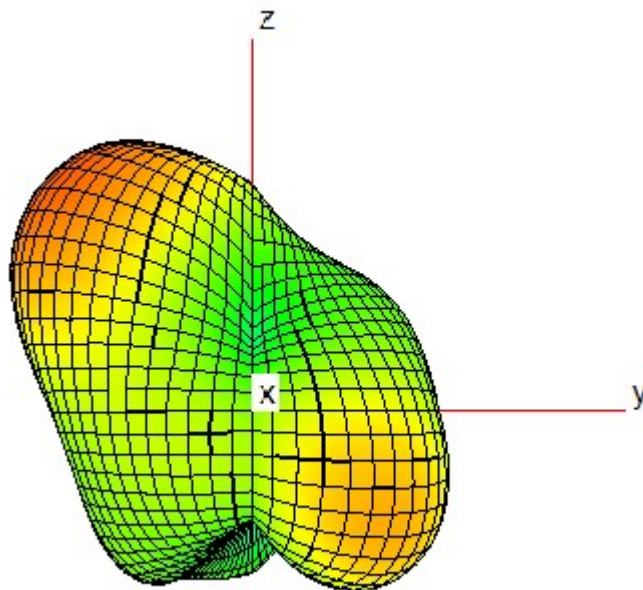
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chNo	Freq	Gain	Efficiency_Pcent
1	2400	-3.981	17.8188516
2	2410	-4.003	16.13789884
3	2420	-3.825	16.26434105
4	2430	-4.218	15.76784506
5	2440	-4.642	14.90793264
6	2450	-5.020	14.52140607
7	2460	-5.306	14.04436393
8	2470	-5.500	13.6452688
9	2480	-5.775	13.07880019
10	2490	-6.309	12.3501257
11	2500	-6.314	12.22100124

3-3 3D radiation drawing



3-4 Active test data

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频段	参数\信道	CH00	CH19	CH39
BT-2.4G	TRP	/	/	/
	TIS	/	/	/

4. Matching circuit