
Antenna data sheet

project name： EX200

Antenna name： EX200 BT Antenna

Antenna model： EX200

Antenna type： Linear antenna

Manufacturer： Changfeng Electronics science and technology Co., Ltd.

Address： 460, Block C, Tongda Huixuan, Northeast side of Longguan East Road
and Yucui Road, Yucui Community, Longhua Street
Longhua District, Shenzhen
China

Project:EX200		Write: WX	file name:EX200Antenna sample admission book
Date : 20241024			
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Date	Edition	Condition
20241024	A	FPCAntenna sample

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3.1 VSWR and Return Loss.....

3.2 TRP/TRS make use of Agilent8960(5515C) be living ETS 5m×4m×4m 3DTest inside in the dark room。.....

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1 Summary

This report is mainly used to describe the EX 200 antenna admission letter.

2 Machine description

EX 100network mode is BT, the BT antenna is at the top of the device, in PIFA form; the antenna is FPC antenna.

3Debugging Settings

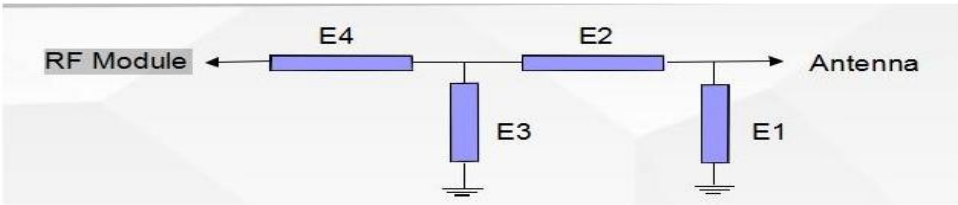
3.VSWR and Return Loss

VSWR Is tested using the Agilent E5062B connected to the hand mechanism, the state is free space。

3.2 The TRP / TRS was tested using the Agilent8960 (5515C) in the ETS 5m 4m 3m 3D dark chamber。

3.3Matching Circuit Description

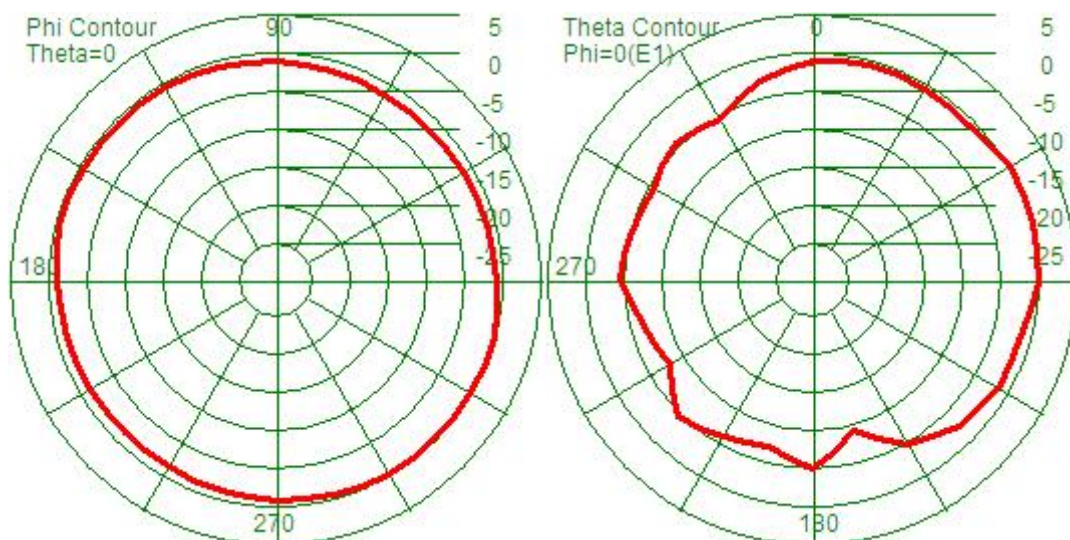
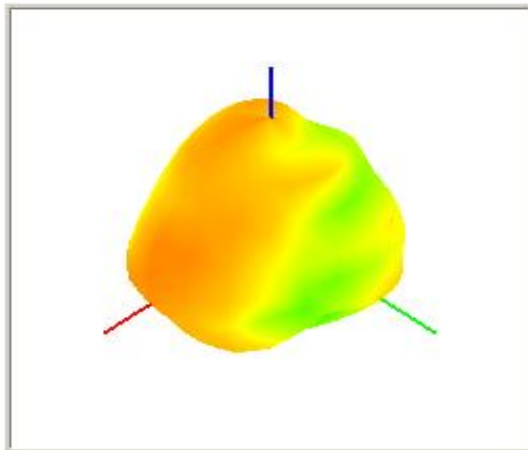
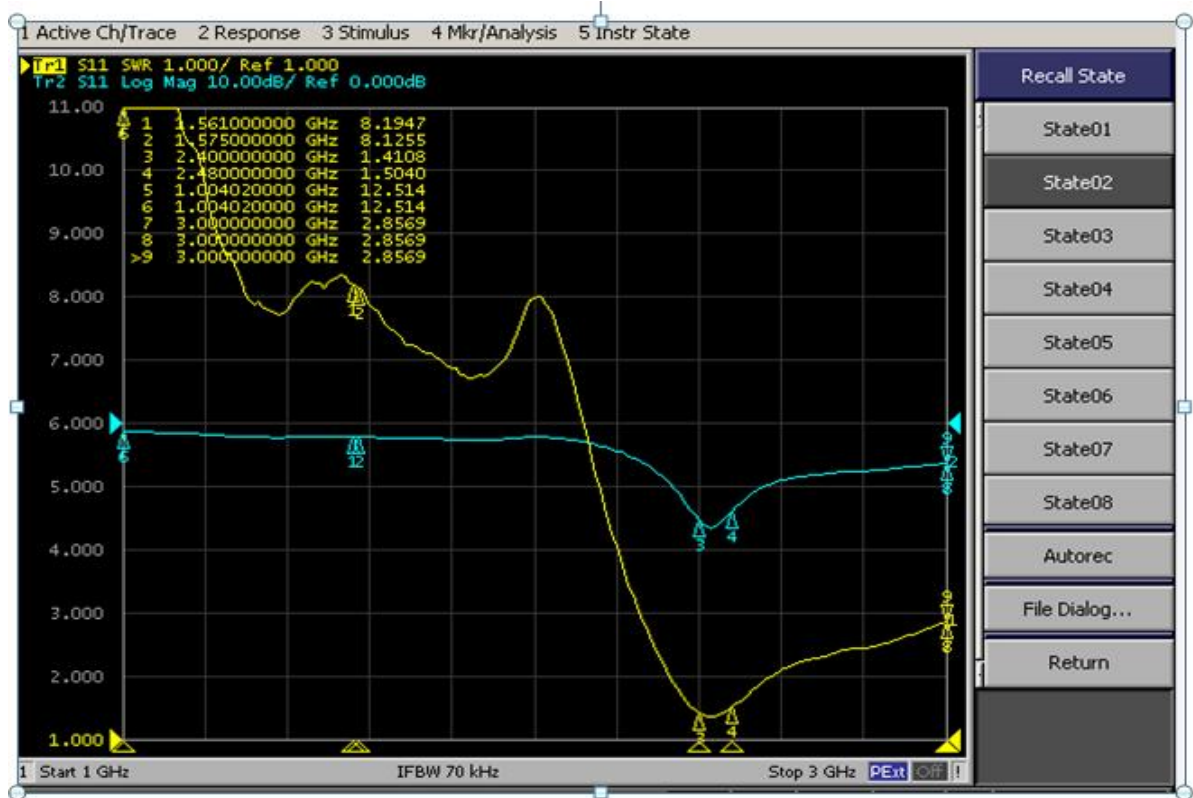
Match has not changed



		Element	Value	
BT		E1(0402)		Press the motherboard original matching circuit is not modified
		E2(0402)		
		E3(0402)		
		E4(0402)		

4 Effective Radiated Power And Isotopic Sensitivity Summation

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Gain

[illegible]

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5 Structure assembly diagram

8	7	6	5	4	3	2	1
技术要求 - 各锐边倒角去毛刺 - 表面平整，镀层均匀，无疙瘩 - 未注线性尺寸公差为 ± 0.05 - 未注形位公差为 ± 0.05，未注圆角为 R0.2mm - 材质：PPC, 18/12.5. - 表面处理： - 刀模切边取负值，公差 0.05mm。例如总长为 47.11，切边后长度不能大于 47.11，可为 47.06。 - 带*为重点控制尺寸 备注：蓝牙线单向带焊接线端 							

REV.	REVISION/RECORD	DATE	DRAW	APP

MATERIAL PP	PART NAME 蓝牙线	DATE 2024-09-25	长峰电子科技有限公司 (深圳) 有限公司 地址：深圳市宝安区西乡街道铁岗社区15号B栋2楼
DR CMC	DATE 2024	长峰电子科技有限公司 (深圳) 有限公司 地址：深圳市宝安区西乡街道铁岗社区15号B栋2楼	
NAME 蓝牙线	EX200 蓝牙天线	SCALE 1:1	SIZE A4
DATE 2024	SHEET 01	DATE 2024	REV 01

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