

# Sample acknowledgment

project name : EX102

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<b>Signature</b>	<b>LYQ</b>	<b>WX</b>	<b>LYQ</b>
<b>date</b>	<b>2023/08/28</b>	<b>2023/08/28</b>	<b>2023/08/28</b>
<b>CUSTOMER</b>	<b>ME</b>	<b>MD</b>	<b>QC</b>
<b>Signature</b>			
<b>date</b>			

Project: EX102	Write: WX	file name: EX102Antenna sample admission book
Date : 2023/08/28	Examine and Verify: LCY	
Edition		
A		
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Changfeng Electronics science and technology Co., Ltd.		

Date	Edition	Condition
2023/08/28	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 102 antenna admission letter.

## 2 Machine description

EX 102 network mode is BT, the BT antenna is at the top of the device, in PIFA form; the antenna is FPC antenna.

## 3 Debugging Settings

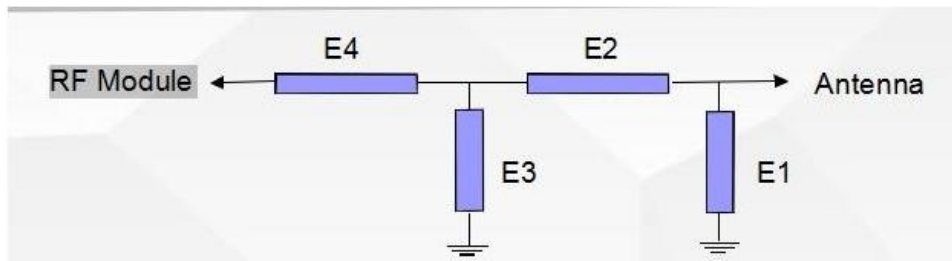
### 3.1 VSWR and Return Loss

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.

### 3.3 Matching 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)		

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# 5 Structure assembly diagram

**Technical requirement**

1. Chamfer each sharp edge to remove burr.
2. The surface is smooth, the coating is uniform, and there are no pimples.
3. Unnoted linear dimensional tolerance is  $\pm 0.05$
4. The tolerance of unmarked shape and position is  $\pm 0.05$ , and the unmarked fillet is R0.2mm.
5. Material: FPC
6. Surface treatment: black oil, gold plating
7. Knife die cutting edge take negative value, tolerance 0.05mm. For example, the total length is 47.11, the cut length should not be greater than 47.11, can be 47.06
8. Mark \* is the key control dimension

DIMENSIONS IN		TOLERANCES UNLESS OTHER SPECIFIED:	
0	= $\pm 0.1$	0	= $\pm 0.1$
0.0	= $\pm 0.05$	0.0	= $\pm 0.05$
0.00	= $\pm$	0.00	= $\pm$
0.000	= $\pm$	0.000	= $\pm$

MATERIAL:	FPC	HEAT TREAT		FINISH	gold-plating
DR		DATE	2023-7-18	Changfeng Electronic Technology (Shenzhen) Co., Ltd.	
CHK		DATE			
APVD		DATE			
NAME: 型号: EX102				MATERIAL CODE:	
SCALE	1:1	SIZE	A4	DWG NO.	Antenna drawing
SHEET OF			REV		

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