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P0076 Antenna Test Report

Customer	今尚
Project	P0076
Antenna BAND	BT
Product Description	FPC
Product No	V1.0

Product Overview & Dimension



Size: L:2.5MM x H:2MM

This report is to measure the performance of BT antenna for P0076. The antenna operating frequency at (2400-2500MHZ) , All test data are showed as below.

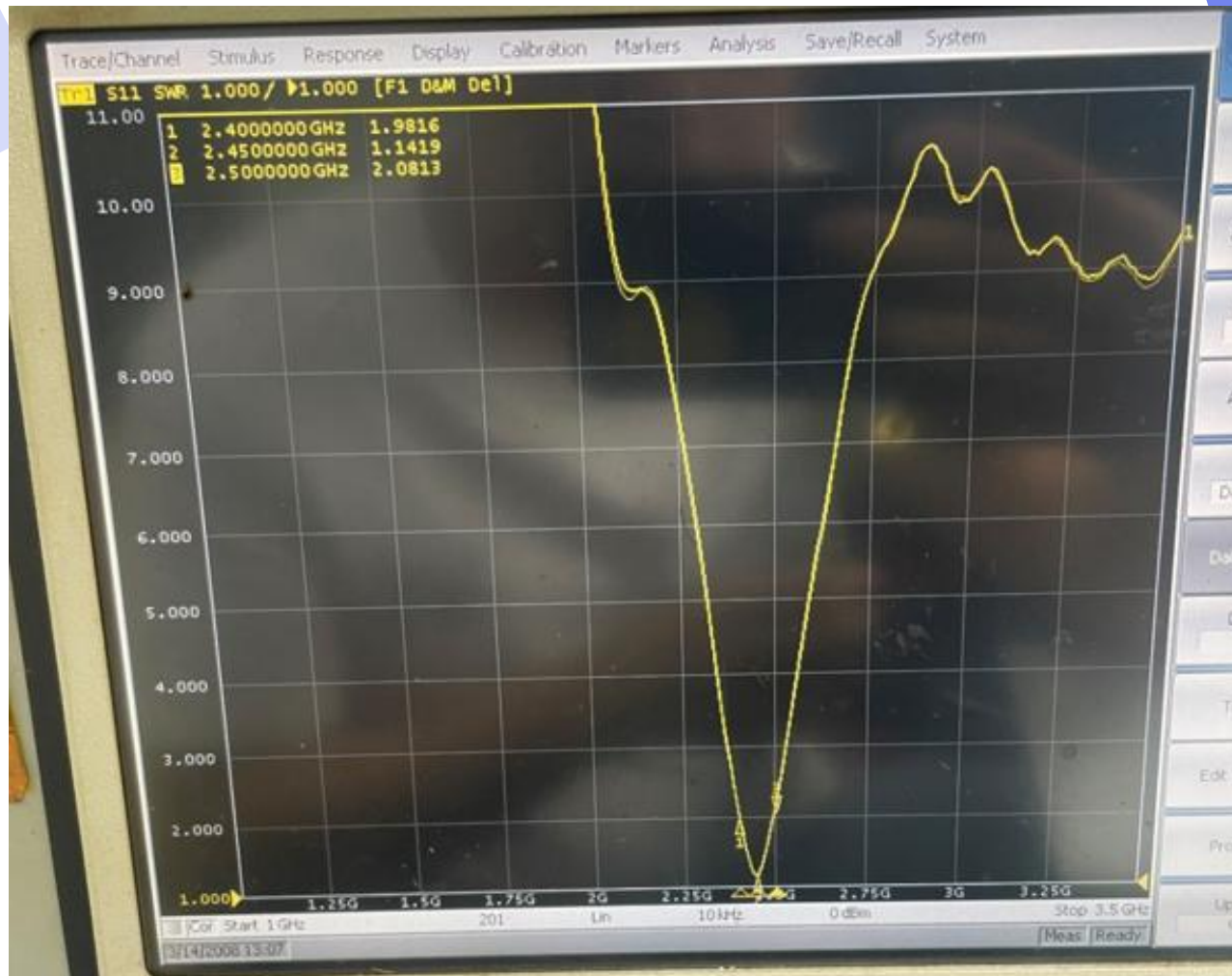
Content

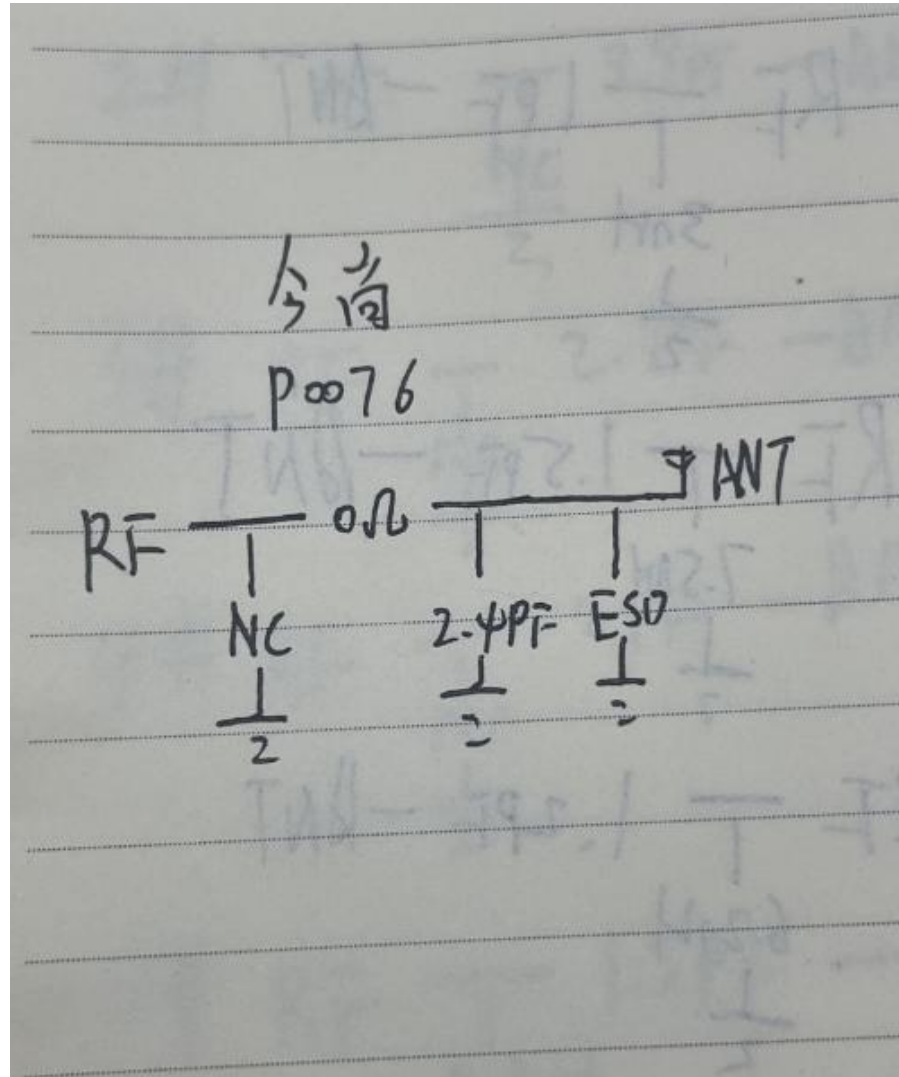
1. Product Overview & Dimension
2. Test system
3. Antenna Matching Network
4. Test Result
 - 4.1 S11 Parameter
 - 4.2 Gain & Efficiency
 - 4.3 Test coordinate
 - 4.4 2D Pattern
 - 4.5 OTA Data
 - 4.6 BT Boot measured
5. Antenna Assembly & environmental processing

2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & HP 8753
OTA Test	TRP&TIS	CMW500 & CMW270 ETS& FT SG24
Gain & Efficiency	Gain & Efficiency	ETS&FT SG24 Agilent 5071C

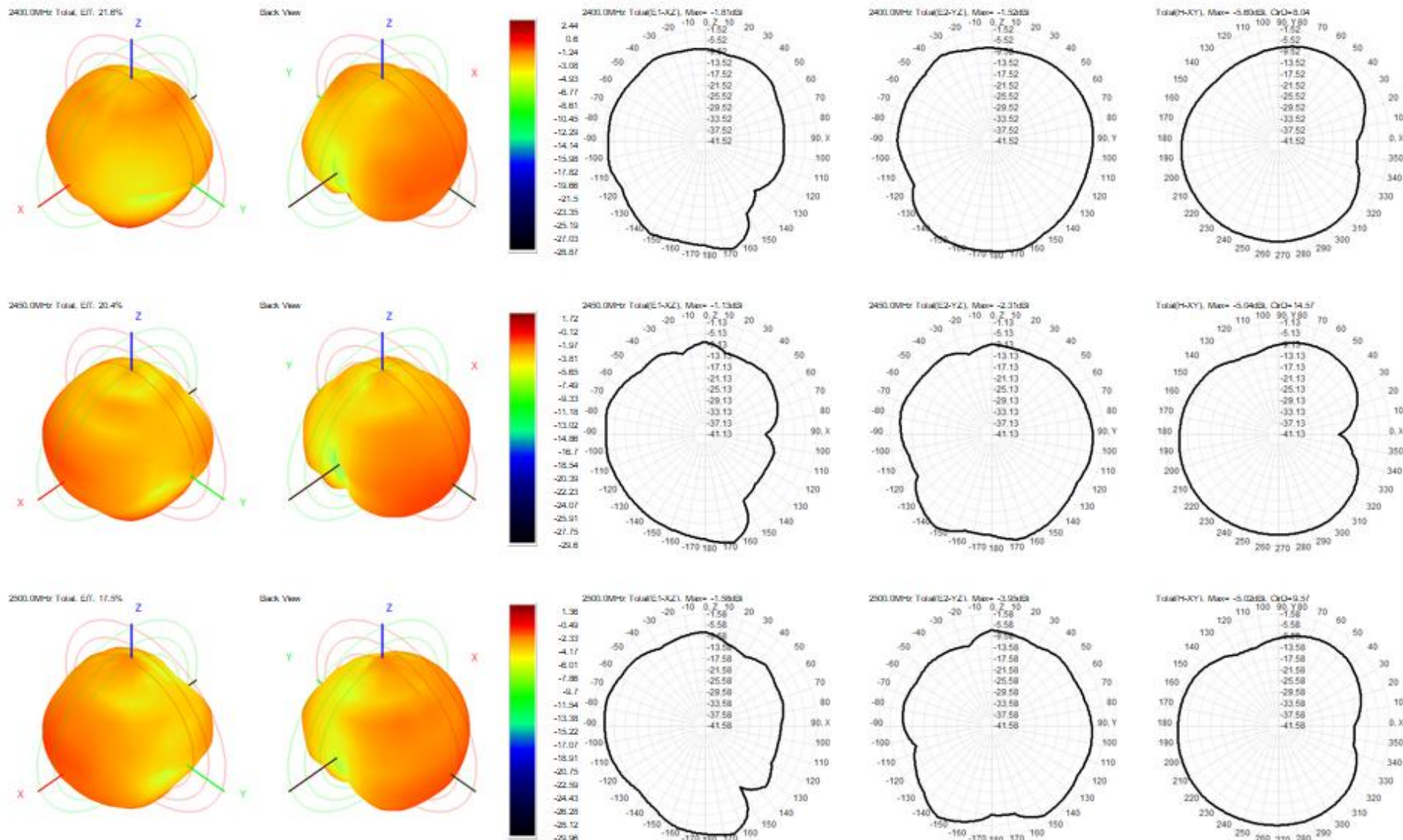






Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	2.44	2.31	2.17	1.91	1.67	1.72	1.93	2.17	1.95	1.91	1.36
Efficiency (%)	31.60	31.87	31.41	31.10	30.48	30.45	30.17	29.69	29.30	28.81	28.47

3D Pattern



BT-L_{ANT}-FS

Test Equipment:	R&S CMW500			
Test Condition:	3D chamber			
Band	Wireless Protocol	Channel	TRP(dBm)	TIS(dBm)
BT	CLASS 1	0	4.37	-87.49
		39	5.14	-86.68
		78	5.64	-85.24

BT-R_{ANT}-FS

Test Equipment:	R&S CMW500			
Test Condition:	3D chamber			
Band	Wireless Protocol	Channel	TRP(dBm)	TIS(dBm)
BT	CLASS 1	0	5.02	-88.21
		39	5.68	-86.38
		78	6.04	-86.79

BT-L_{ANT}-BH

Test Equipment:	R&S CMW500			
Test Condition:	3D chamber			
Band	Wireless Protocol	Channel	TRP(dBm)	TIS(dBm)
BT	CLASS 1	0	2.16	-84.21
		39	3.42	-83.26
		78	3.51	-83.33

BT-R_{ANT}-BH

Test Equipment:	R&S CMW500			
Test Condition:	3D chamber			
Band	Wireless Protocol	Channel	TRP(dBm)	TIS(dBm)
BT	CLASS 1	0	3.1	-84.51
		39	3.46	-83.83
		78	3.79	-83.52

如图所示-电池和充电线压在主板下面



Thanks for your comment!

✧ **深圳市宁壹科技有限公司**

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