

Antenna Specifications

CUSTOMER			
CSP/N		FX335	
HXP/N			
Checkedby(RF)	Checkedby(ME)	Checkedby(QA)	Approvalledby
CustomerApproval			



Index

1. GeneralDescription	3
1.1 Print Acceptance	3
1.2 Coordinate System	3
2.Specifications	4
2.1The distance of typical Card (Reader Mode)	5
2.2Impedance	5
2.2.1Smith	5
2.1.2SWR	6
3. MechanicalProperties	7
3.1 SpecificationsDrawings	7
4.Environmental Characteristic	8



1. General Description

This document provides the antenna specifications on electric, mechanic and reliability. The testing conditions and related pictures are also included.

1.1 Print Acceptance

Samples and Antenna Specifications are to be sent to customer. When they are approved, the approval form should be completed, signed, and sent back to HX before further mass production batches can be delivered.

1.2 Coordinate System

The coordinate system for the phone is defined as follows:

- . Origin in center of gravity.
- . Positive X axis is perpendicular to, and directed from, front plane.
- . Positive Y axis is perpendicular to, and directed from, right side plane (as seen from front).
- . Positive Z axis is perpendicular to, and directed from, top plane.

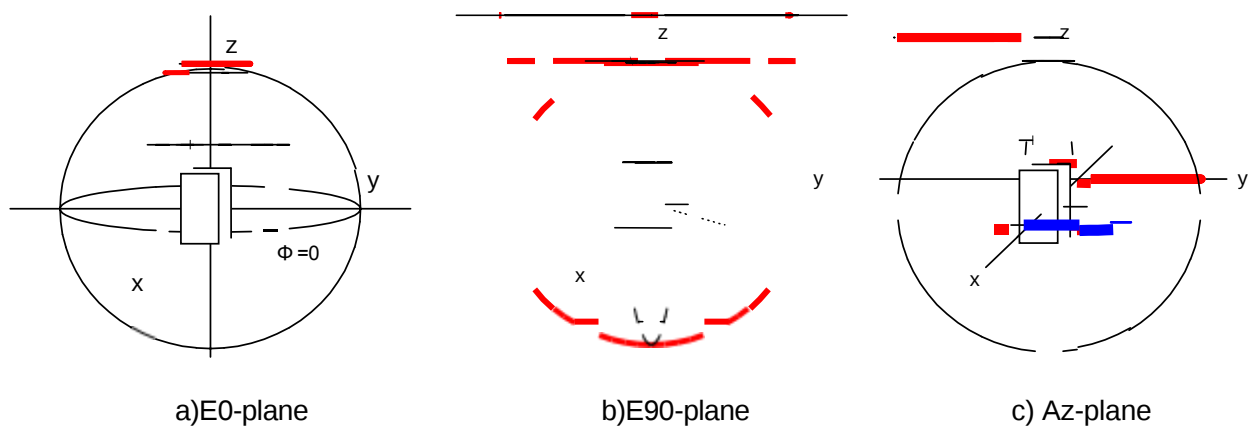


Figure1-1 The coordinate system for the phone



Antenna Specifications

SHENZHEN HENGXIANGTONG ANTENNA TECHNOLOGY CO., LTD.

2. Specifications

This report mainly provides the testing conditions of various electric and structural performance parameters for cellphone antenna---FX335. Figure 2-1 shows the antenna designed by HX & The fixturing of FX335.



Figure 2-1 The antenna designed by HX & The fixturing of FX335

Add: 3/F, Building 4, XinJianXing Industrial Park, Yangguang Industrial Zone, Xili Town, Nanshan District, ShenZhen, P.R. China,
Tel. +86-755-27657751 Fax +86-755-27599500



Antenna Specifications

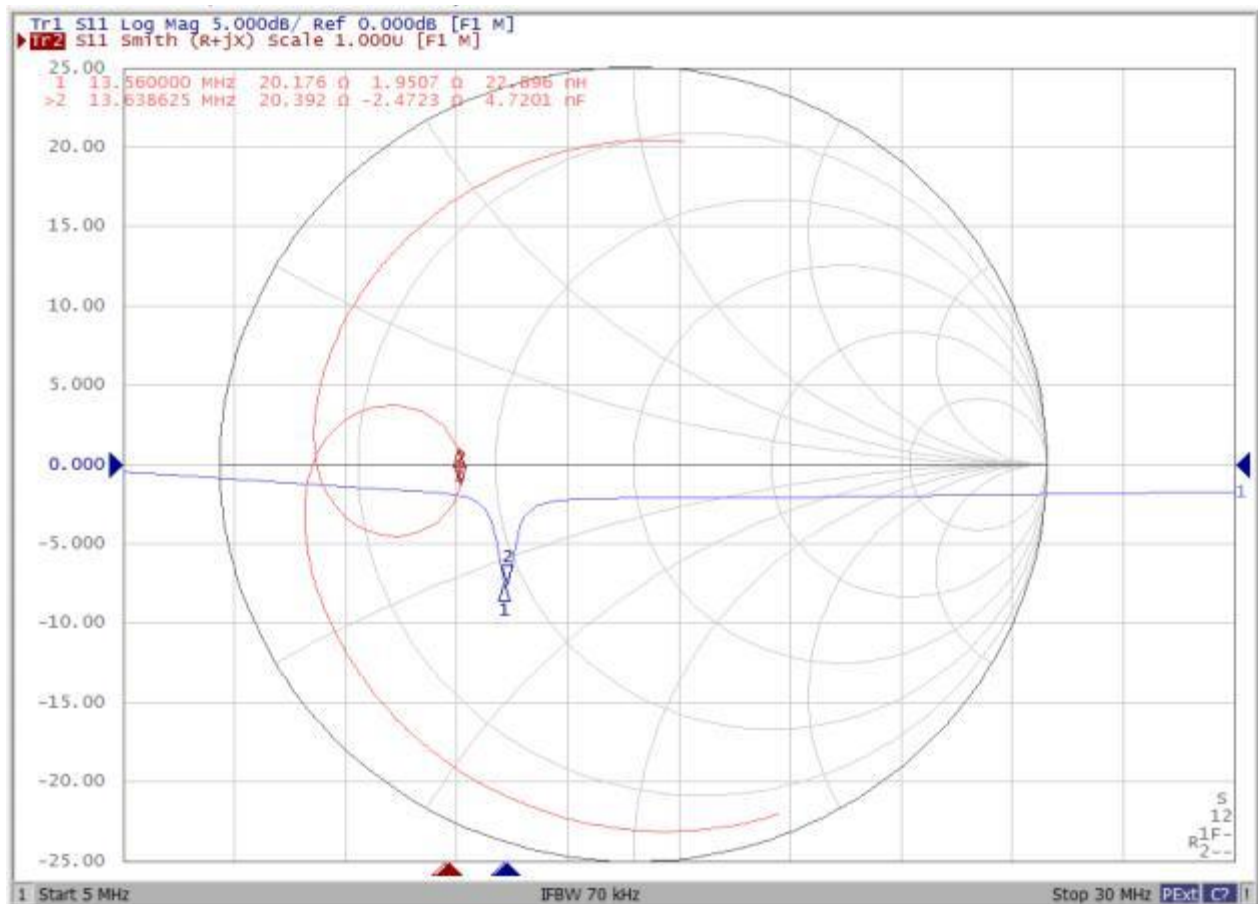
SHENZHENHENGXIANGTONG ANTENNA TECHNOLOGY CO.,LTD.

2.1 The distance of typical Card (ReaderMode)

NFC测试情况:

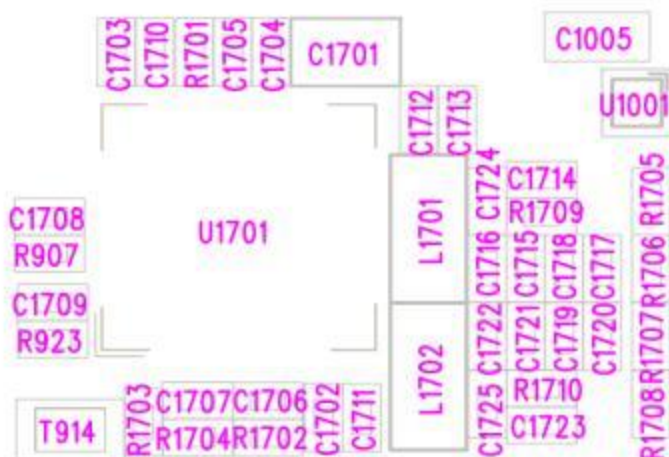
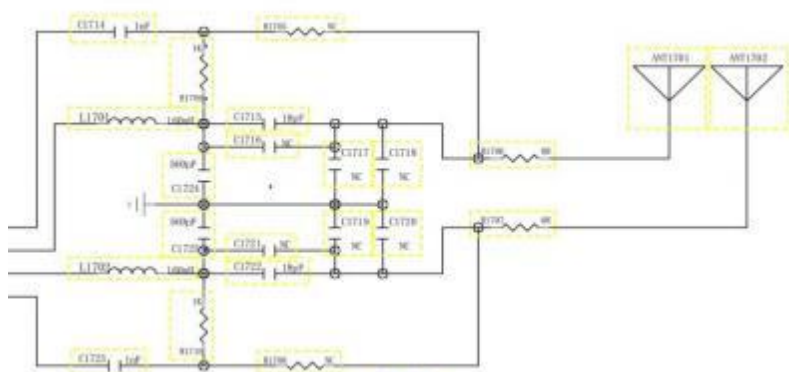
T1卡: >35mm T2卡: >30mm T3卡: >25mm T4卡: >25mm 公交卡: >30mm

2.2 Impedance S11



Add: 3/F,Building4,XinJianXingIndustrialPark,YanguangIndustrial Zone, Xili Town,NanshanDistrict, ShenZhen,P.R.China,
Tel. +86-755-27657751Fax +86-755-27599500

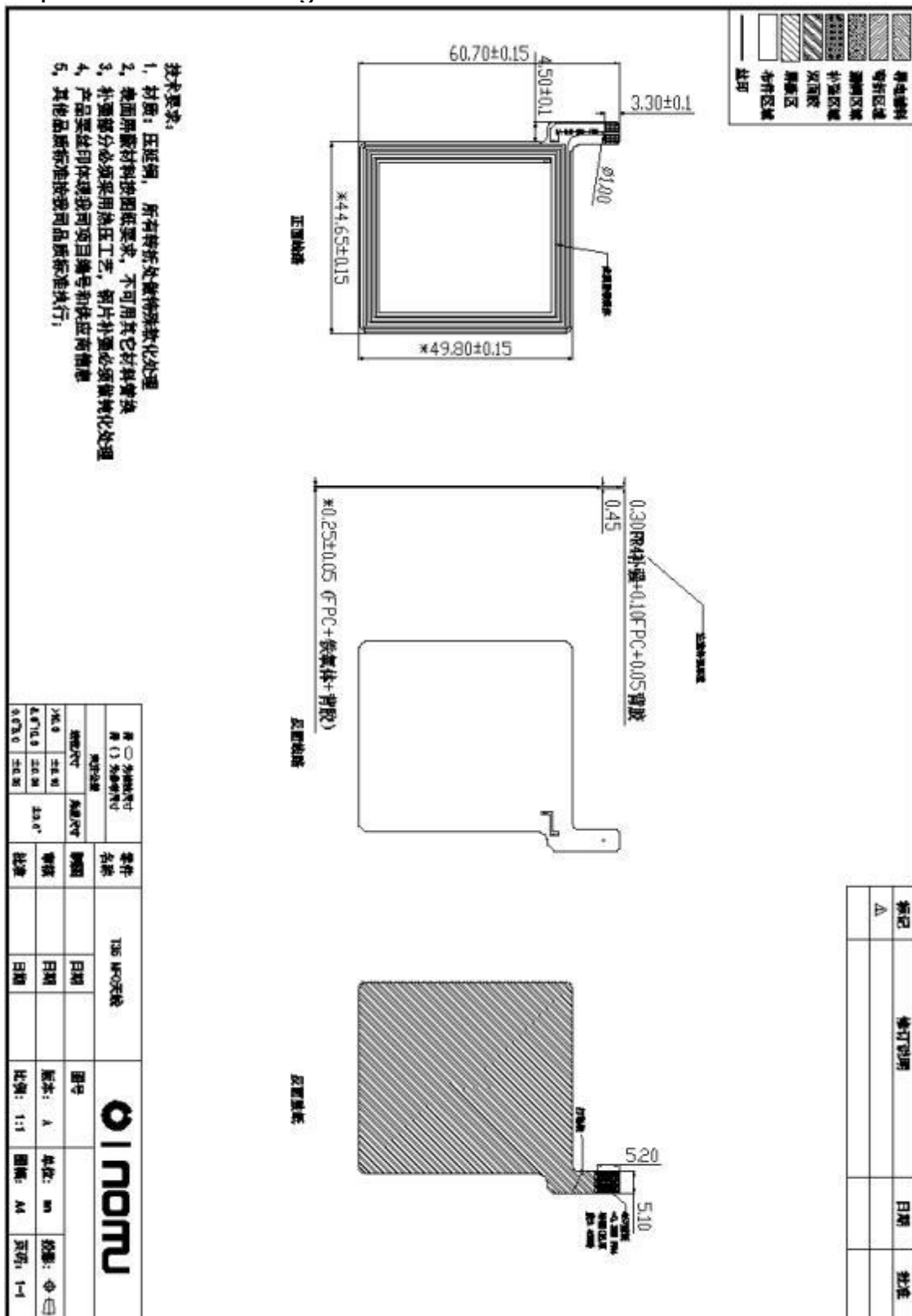
2.3 Impedance



位号	调整前	调整后	备注
L1701/L1702	160NH	不变	品牌: 村田 封装: (0402/0201)
			±5%50V
C1724/C1725	560PF	680PF	品牌: 村田 封装: (0402/0201)
			±5%50V
C1715/C1721	18PF	4. 7PF	品牌: 村田 封装: (0402/0201)
			±5%50V
C1716/C1722	N/C	39PF	品牌: 村田 封装: (0402/0201)
			±0. 25pF50V
C1717/C1719	N/C	82PF	品牌: 村田 封装: (0402/0201)
			±5%50V
C1718/C1720	N/C	6. 8PF	品牌: 村田 封装: (0402/0201)
			±5%50V

3. Mechanical Properties

3.1 SpecificationsDrawings



Add: 3/F,Building4,XinJianXingIndustrialPark,YanguangIndustrial Zone, Xili
Town,NanshanDistrict, ShenZhen,P.R.China,
Tel. +86-755-27657751Fax +86-755-27599500



Antenna Specifications

SHENZHENHENGXIANGTONG ANTENNA TECNOLOGY CO.,LTD.

4.Environmental Characteristic

TestItem	Test description
1.Low Temperature	Temp.: -20℃ Time: 24hours
2.High Temperature	Temp.:80℃ Time: 24hours
3.SaltFog	5±0.1%Nad salt fog PH Value: 6.5-7.2 Temp: 35±1℃ Time:24hours