

APPROVAL SHEET

Customer Name: **AIMobile**

Date: **2020/05/21**

Doc. Version: **1**

ODM P/N	6036B0264501
WNC P/N	91XRBF15.G16
Description	XRBF-1,AIM8T NFC ANTENNA
Version	A01

Provided By Wistron NeWeb Corp	Reviewed By Wistron NeWeb Corp	Approved By Customer
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文件新增 Addition of Document 文件變更 Alteration of Document 文件作廢 Revocation of Document

Subject: EPR Report

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文件內容簡述: Document Contents: Description

Part No.:

91XRBF15.G16, N/A

Model No./Model Name:

6036B0264501, N/A

文件新增/變更/作廢原因: Reason for Addition/Alteration/Revocation:

NEW Release

Revision History

Rev. Status	Revised Date	Revised By	Description
1	21/05/2020	Cedric Chang	New release

核准 Approver	制定部門主管 Composing Dept. Manager	制定者 Prepared by
Jason Wang	Jason Wang	Cedric Chang

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1. Performance Summary
2. FPYR (Yield rate by each station)
3. MSA (Test fixture-GR&R)
4. Failure Analysis (SMT/ASS'Y)
5. Update Input to DFMEA/Control Plan/Process flow
6. FA I & CPK report

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Subject: EPR Report

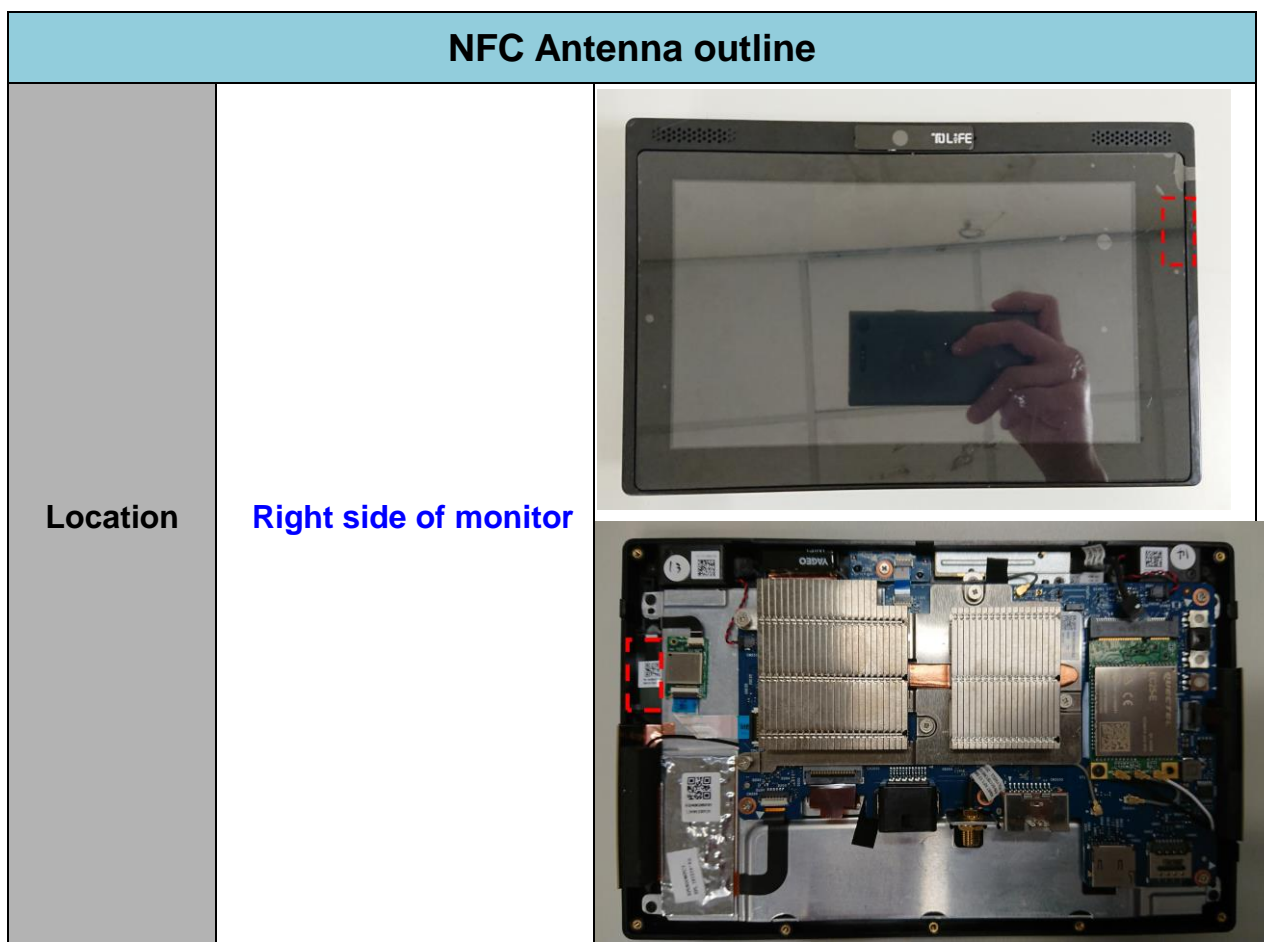
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1. Performance Summary

1.1 NFC antenna outline



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Antenna
Photo



1.2. Revision History

Date	Version	Revision History
21/05/2020	A01	New Release

1.3. Specifications of Antenna Design

Measurement condition: With the NFC module of WNC

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1.4 9.5x9.5mm Label Naming Rule

1.4.1 9.5x9.5mm Label schematic diagram



1.4.2 9.5x9.5mm Label printed content description

Item	內容類型	內容說明 & 規則
1	<input type="checkbox"/> 固定(不變) <input checked="" type="checkbox"/> 非固定(變量)	QR code + PN + SN PN: 6036B0264501 WN191125001 說明如下 1. PN: 6036B0264501 固定碼 2. WN191125001 WN: 固定碼 191125 為生產年月日 001 為流水號, 為數字加英文字 001~ZZZ QR code 內容為 6036B0264501WN191125001
注意事項: 字型為 Arial		

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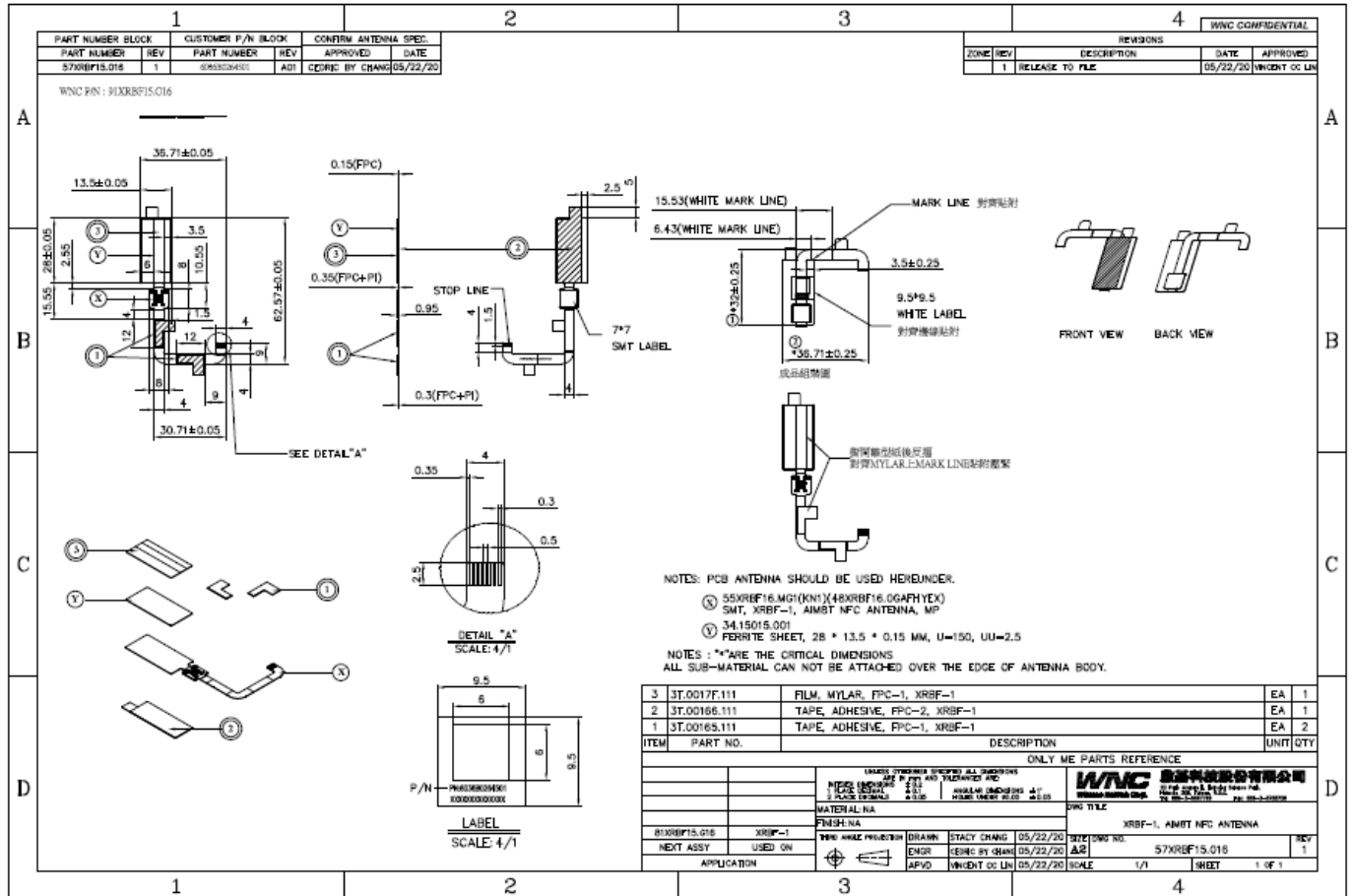
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1.5 Mechanical Specifications

See the attached drawing.



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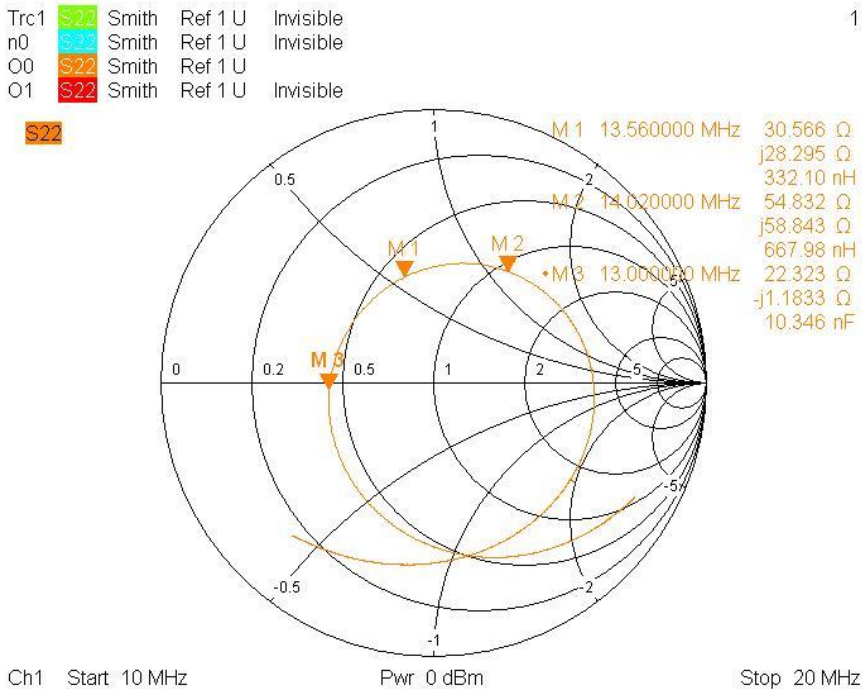
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1.6 Antenna Material List

NFC antenna	
1.	0201 components
2.	FPC
3.	Print Label
4.	Adhesive tape
5.	Ferrite sheet
6.	Mylar Tape
7.	Polyimide Film Tape

1.7 Antenna Performance

1.7.1 Smith Chart



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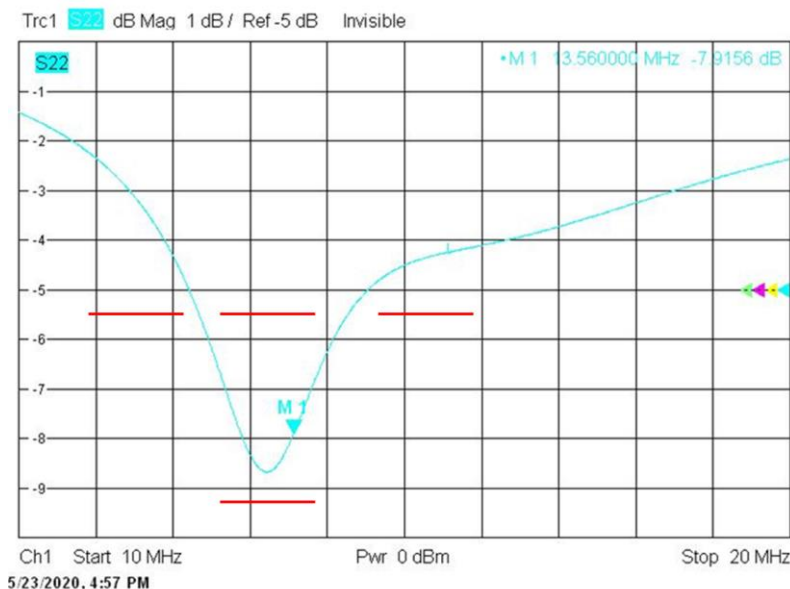
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1.7.2 Reading Distance

	Type1	Type2	Type3	Type4	Mifare 1k
Distance(mm)	20	20	20	10	20

1.7.3 Antenna amplitude test data & SPEC



2. FPYR (Yield rate by each station)

3. MSA (Test fixture-GR&R)

N/A

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4. Failure Analysis (SMT/ASS'Y)

NA

5. Update Input to DFMEA/Control Plan/Process flow

N/A

(若有 UPDATE 須說明修正之內容且關聯改版後的 DFMEA ,Control Plan /Process flow)

6 FAI&CPK report

6.1 FAI

N/A

6.2 CPK

N/A