

料件首件檢查報告

FAI Report

料 號 Part Number	1710010011610	品 名 Part Name	ANT-WSB5-PNF-16				
製 造 商 Manufacture Name	士 誼	製造商料號 Manufacture Part Number	KPX-026XNFX9-244				
撰寫單位 Department	CE	撰寫人 Writer	Travy	日 期 Date	2022/4/21	文件版本 Revision	D
料件承認作業確認 Approval Checklist							
1.工作/儲存溫度查核（五金料件除外） ☒ 已完成 Completed (T _{OP} : <u>-40~85</u> , T _{STG} : <u>-40~85</u>) ☐ 其他 Other : _____ Operating/Storage temperature range check(Except metal parts)							
2.製程耐溫查核（僅 SMD/DIP 料件） ☐ 已完成 Completed (T _P : _____°C/____Sec) Processing temperature check (Only SMD/DIP Parts) ☐ 參考附件 Temperature Profile Please refer attached temperature profile : _____ ☐ 其他 Other : _____ ☐ 符合製程要求 Compliance ☐ 不符合製程要求(需 PE 評估) Non-Compliance of the requirement(Need Process Engineer Assessment)							
3.連接器鍍金厚度查核 ☐ _____μ" (inch) ☐ _____μm (meter) The thickness check of the gold plate for the contacts of connector							
4.MTBF Report ☐ _____H@_____°C@_____V or ☐ Failure Rate:_____							
5. 1106-LED、1109-Switch、1111-Terminal Block、1115-LCM、1121-Fan、1126-Connector、1701~1711-Cable (1)料類需設定機構為 Reviewer 且機構需確認尺寸及組裝相容性公差。 (2)若為執行「料件承認程序單」或 KCL 流程，則無需設定機構為 Review，因於該流程機構已確認尺寸及組裝相容性公差。							
6.可用容量查核（僅記憶卡/模組、硬碟類料件） ☐ 已完成 Completed (_____Byte) User Capacity Check (Only Flash Memory Card/Module, Hard Disk)							
7. RAM Module 的顆粒廠牌、數量及速度查核 ☐ 已完成 Completed Chip Brand:_____ Number of RAM _____ RAM Module Chip Brand、Number of RAM and Component Config Check Component Config:_____							
封裝及包裝說明 Package and Packing Description							
IC 封裝方式 Package :							

承認書

APPROVAL SHEET

CUSTOMER: 四零四科技股份有限公司

CUSTOMER MODEL NO.:

JOYMAX MODEL NO.: KPX-026XNFX9-244

DESCRIPTION: #026 5.15~5.85GHz Panel Antenna

REV.: B

DATE: 2021/1/19

Customer Approval

Joymax Approval



士誼科技事業股份有限公司
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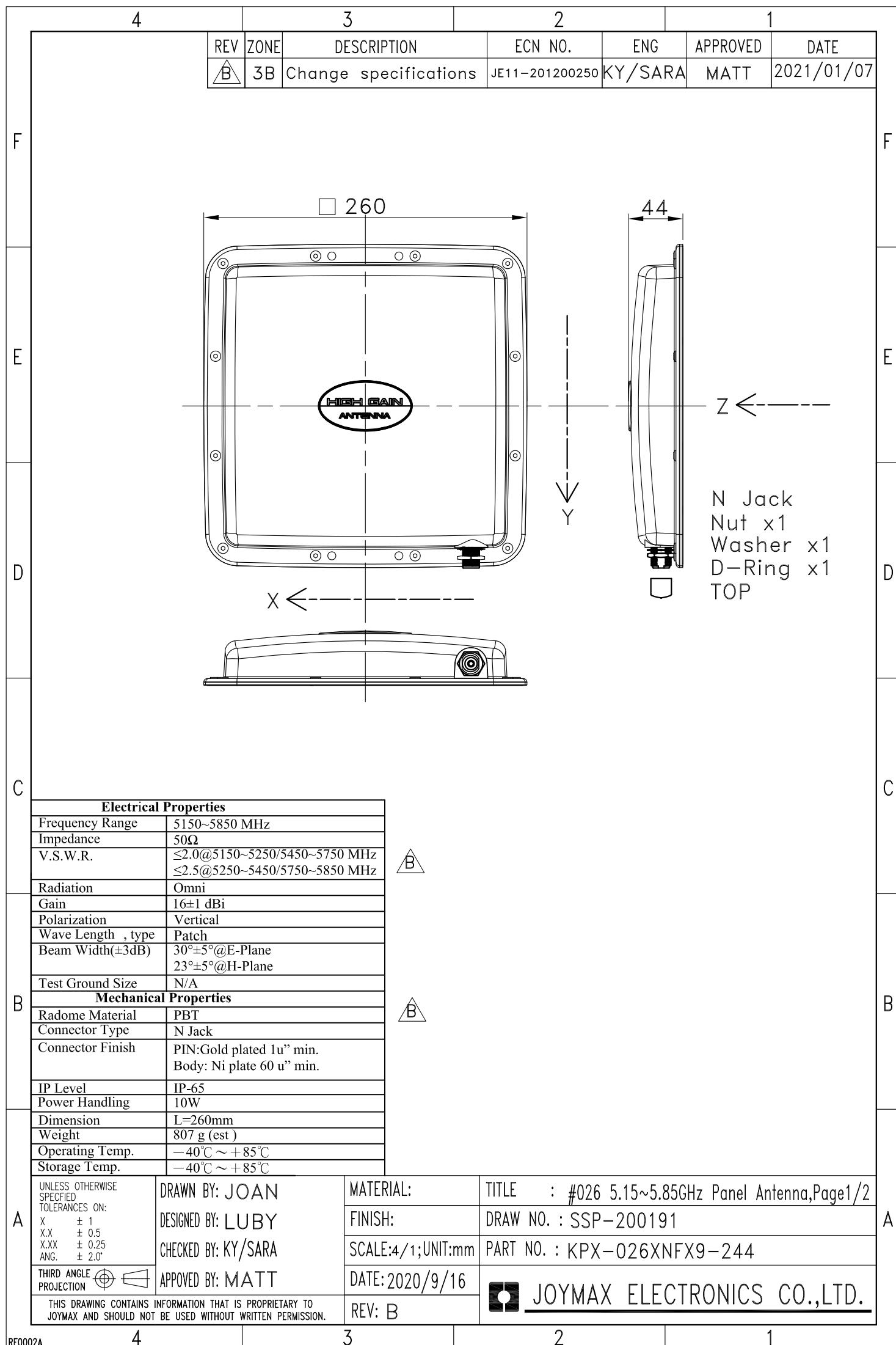
桃園市中壢區中壢工業區東園二路5號
No.5 Dong Yuan Rd.2,Jhongli industrial Park,
Jhongli Dist,Tao Yuan,Taiwan,R.O.C.
<http://www.joymax.com.tw>

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Modification History:

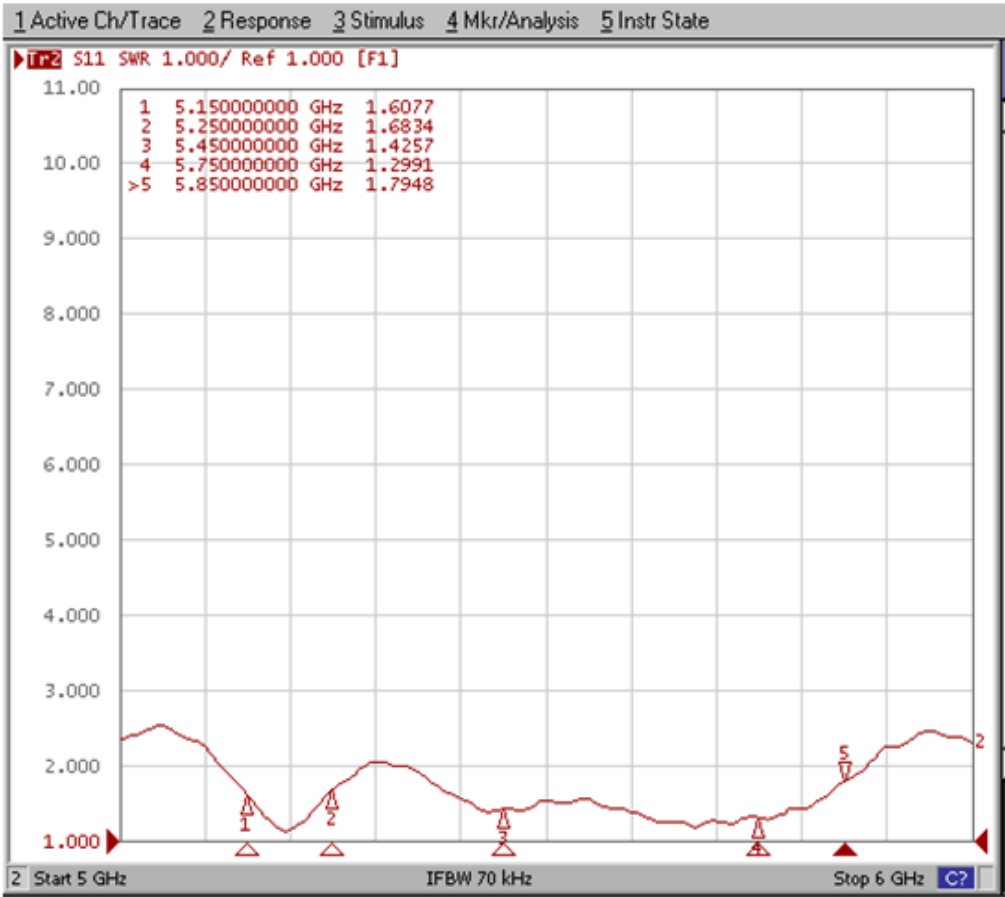
Rev.	Date	Content
A	2020/11/18	
B	2021/1/7	Change drawing specifications, add material certificate



2.Test Condition & Report

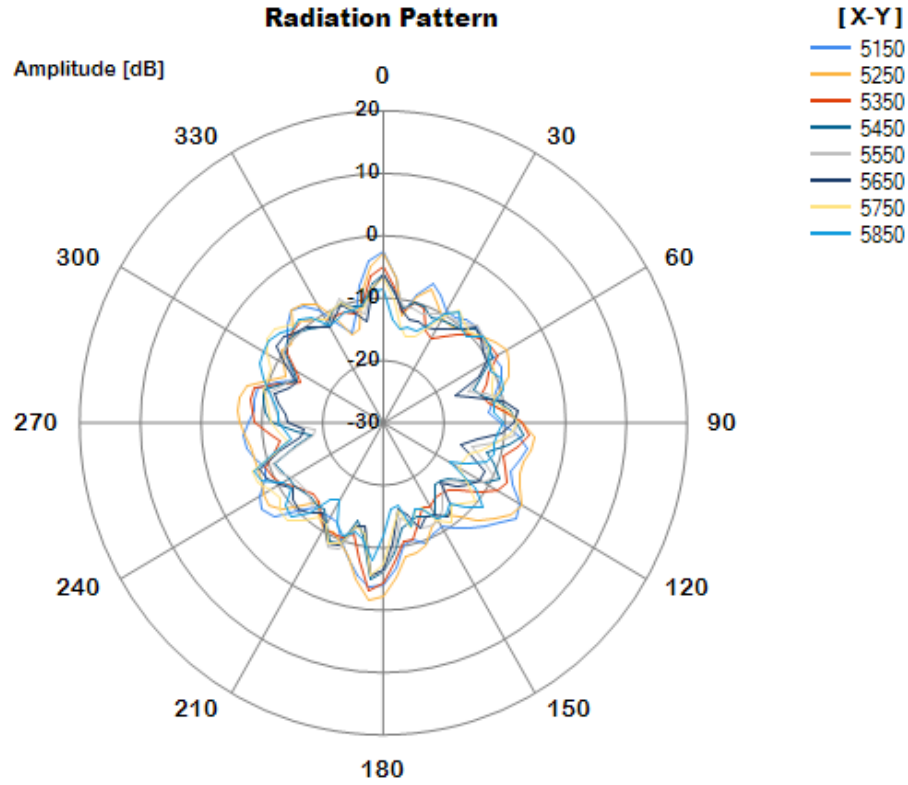
2.1 V.S.W.R

V.S.W.R.



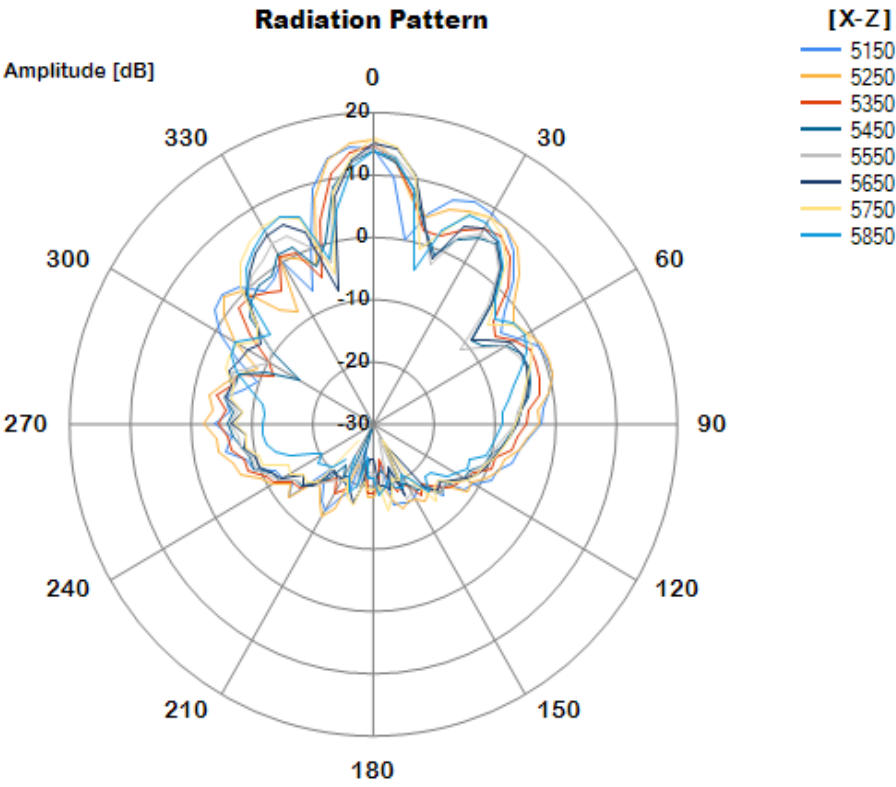
2.2 Pattern

2.2.1 XY-Plane



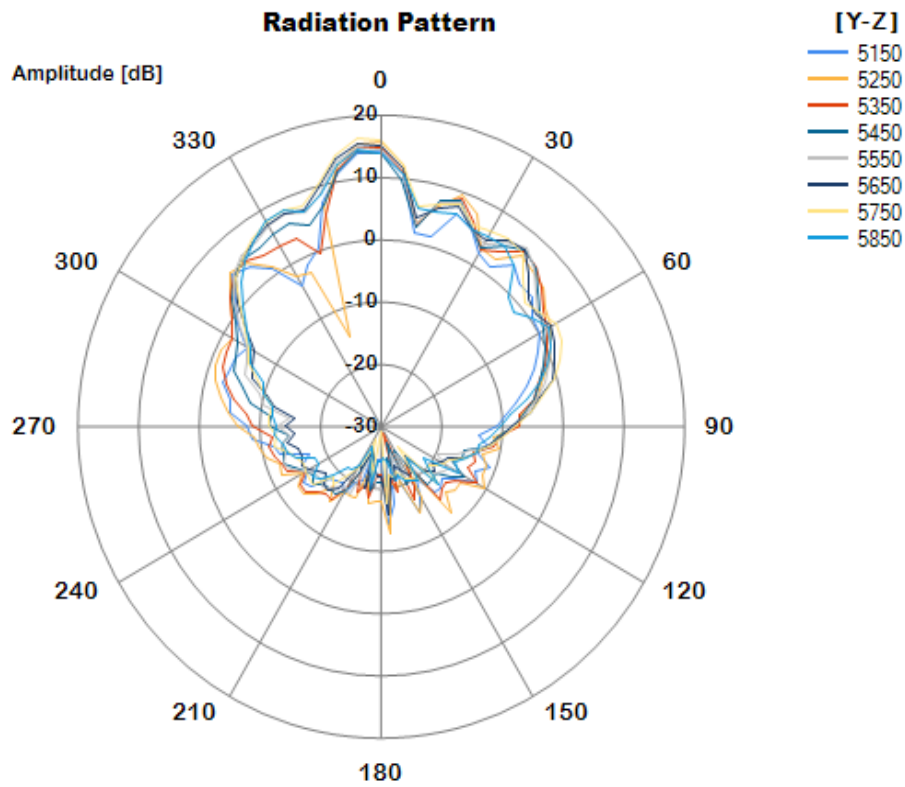
2.2 Pattern

2.2.2 XZ-Plane

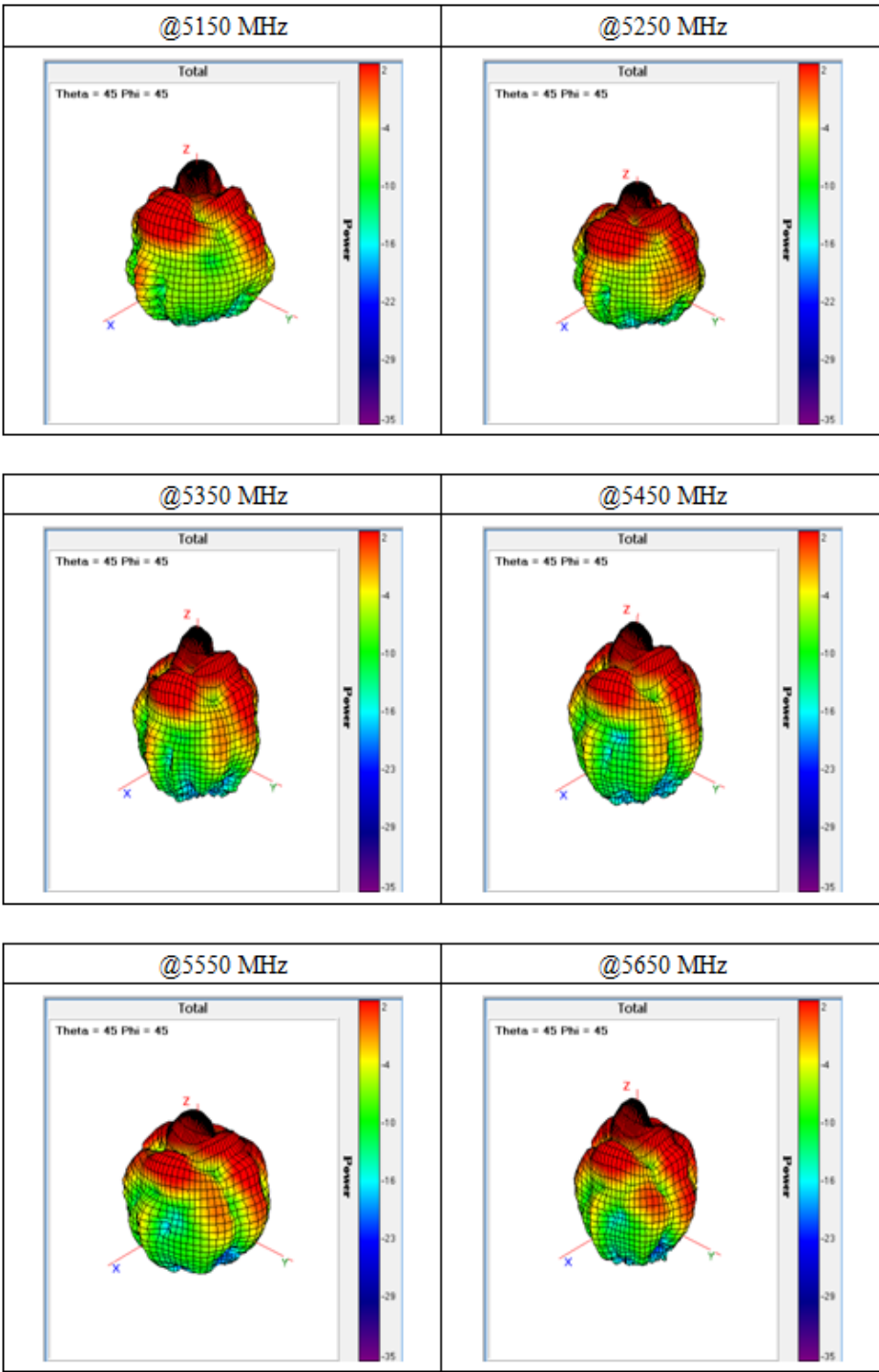


2.2 Pattern

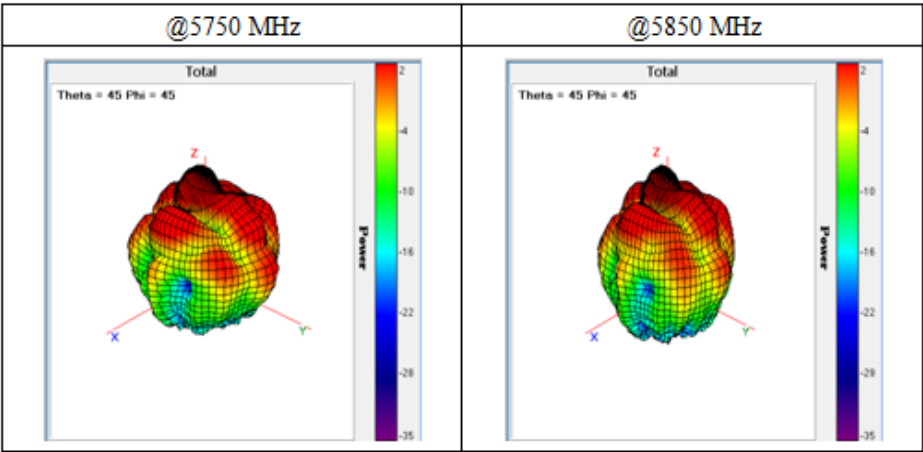
2.2.3 YZ-Plane



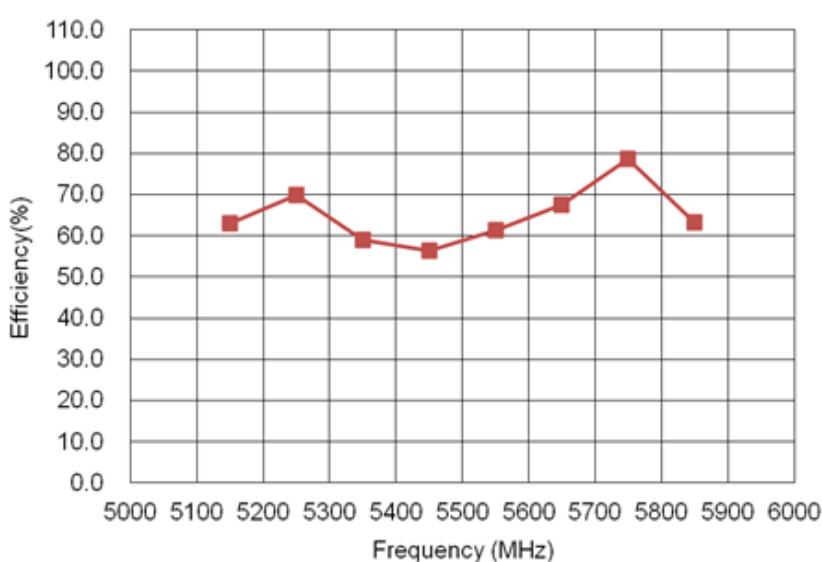
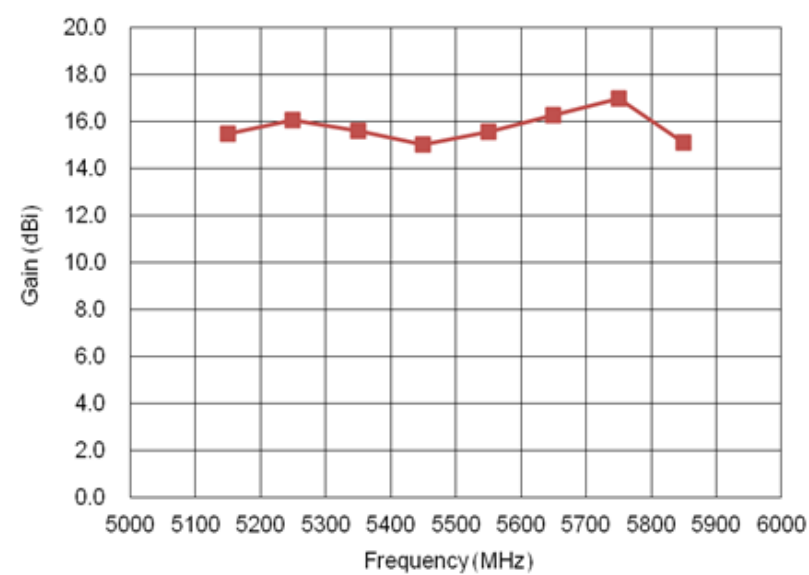
2.3 3D Pattern



2.3 3D Pattern



2.4 Gain and Efficiency



Frequency (MHz)	5150	5250	5350	5450	5550	5650	5750	5850
Gain (dBi)	15.47	16.05	15.60	15.00	15.57	16.28	16.97	15.09
Efficiency (%)	63.0	69.8	59.1	56.4	61.3	67.5	78.6	63.2

2.5 Pattern Test Equipment

Anechoic chamber: 100MHz~6GHz 8*6*6m (※ 1m Quiet zone at 800MHz)

Source Antenna: ETS-3164 Dual Polarized Horn

Network Analyzer: Agilent E5071B 100kHz~8.5GHz

