

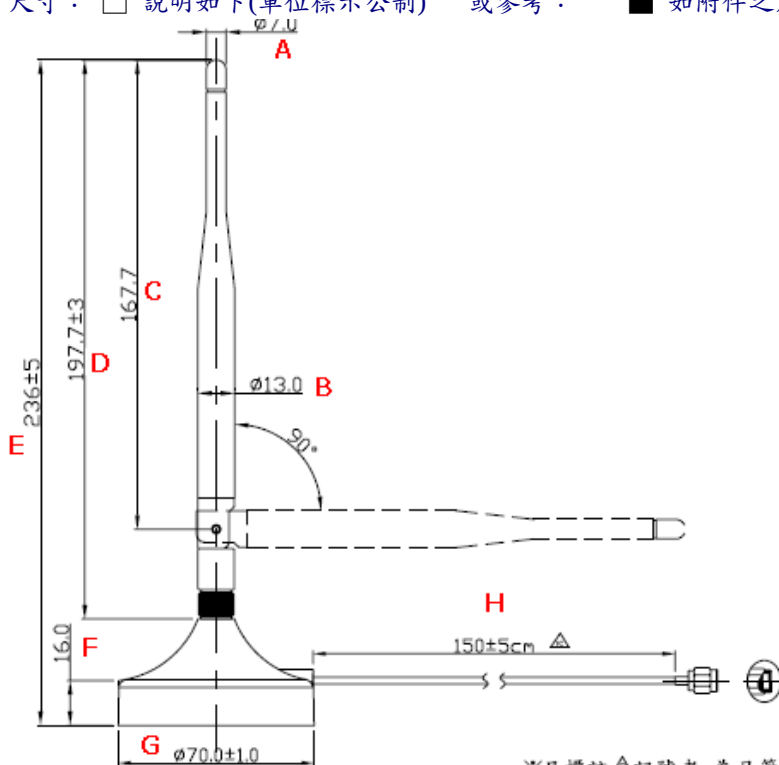
料號：	1710010000511	文件版本：	1.2
品名：	ANT-WSB-AHRM-05-1.5m BK		
規格：			
製造商：	慶陞	製造商料號：	6642B03141-15M
適用產品：	W2x50 Series		
承認範圍：	☒ 1. 個別承認		
	☐ 2. 系列承認		
承認屬性：	☒ 1. Primary source		
	☐ 2. 2 nd source		
附件清單：	☒ 1. Moxa 料件檢驗報告		
	☒ 2. 廠商承認書		
	☒ 3. Sample		
	☒ 4. UL 認證報告		
	☐ 5. CSA 認證報告		
	☐ 6. TUV 認證報告		
	☒ 7. RoHS 測試報告，Report No：CE/2008/41460 CE/2007/65012,CE/2007/33337,CE CE/2008/25044,CE/2008/31267,CE/2008/14541 CE/2008/21452A,CE/2007/C7040,CE/2007/73553 CE/2007/72824,CV/2008/30276		
	☐ 8. SONY 認證證書，Certification No		
	☐ 9. MTBF report： H @ °C or Failure Rate：		
	☐ 10. 其他：		

供應廠商資料：

撰寫單位：RDC/零件課 撰寫人： 韋綾

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料件檢驗報告

料號	1710010000511	品名	ANT-WSB-AHRM-05-1.5m BK	規格					
料件承認作業確認									
1. 檢查供應商所附文件是否完整 ☒ 已完成 ☐ 未執行，原因：_____ 2. 檢驗綠色料件標準 ☒ 符合 RoHS ☐ 符合 SONY ☐ 非綠色料件 3. 工作/儲存溫度查核（五金料件除外） ☒ 已完成（T _{OP} ：_____-40/80C，T _{STG} ：_____） ☐ 其他：_____ 4. 製程耐溫查核（僅 SMD/DIP 料件） ☐ 已完成（T _p ：_____°C/ _____Sec）或 ☐ 參考附件 Temperature Profile ☒ 其他：無此問題									
檢驗項目	尺寸(含公差)部份								
	尺寸： ☐ 說明如下(單位標示公制) 或參考： ☒ 如附件之尺寸圖								
	 ※凡標註△記號者，為品管檢驗								
Mechanism size Check/Compare (單位：mm)									
項次	檢驗項目	檢驗方法	規格	公差	圖面位置	實測 1	實測 2	實測 3	實測 4
1	機構尺寸-A	量測	Φ7.0	±0.38	A	6.9			
2	機構尺寸-B	量測	Φ13.0	±0.38	B	13.06			
3	機構尺寸-C	量測	167.7	±0.38	C	166.7			
4	機構尺寸-D	量測	197.7	±0.38	D	196.8			
5	機構尺寸-E	量測	236	±5	E	235			
6	機構尺寸-F	量測	16.0	±0.38	F	17.0			
7	機構尺寸-G	量測	Φ70.0	±1	G	69.90			
8	機構尺寸-H	量測	150cm	±5cm	H	150			
9									
顏色、外觀印刷規格說明									
顏色： ☐ 或參考： ☒ sample ☐ 附件之色板									

TO: 四零四科技股份有限公司

SPECIFICATION FOR APPROVAL

DESCRIPTION : 2.4GHz SMA FOR RG174(1500mm)

CUSTOMER DWG. NO. /PART NO : _____

KINSUN PROD. NO : 6642B03141-15M

DATE : 2008.08.04

PLEASE RETURN TO US ONE COPY OF “ SPECIFICATION FOR APPROVAL ” WITH YOUR APPROVED SIGNATURES

APPROVED SIGNATURES



	APPROVED	CHECKED	PREPARED
NAME	Kitty	Roy Wu	Stella Wang



慶陞工業股份有限公司
KINSUN INDUSTRIES INC.

桃園縣中壢市普忠路 211 巷 20 號

TEL : 886-3-4353551

<http://www.kinsun.com>

FAX : 886-3-4353951

e-mail: roy@kinsun.com

TECHNICAL DATA

Electrical Properties

Frequency Range: 2.4~2.5GHz

Impedance: 50 Ohm nominal

V.S.W.R : ≤ 2.0

Gain: 請參考附檔測試報告

Radiation: Omni

Polarization: Vertical

Electrical Wave: $\lambda / 4$ Dipole

Connector: SMA MALE REVERSE

Mechanical Properties

Antenna Cover: PU

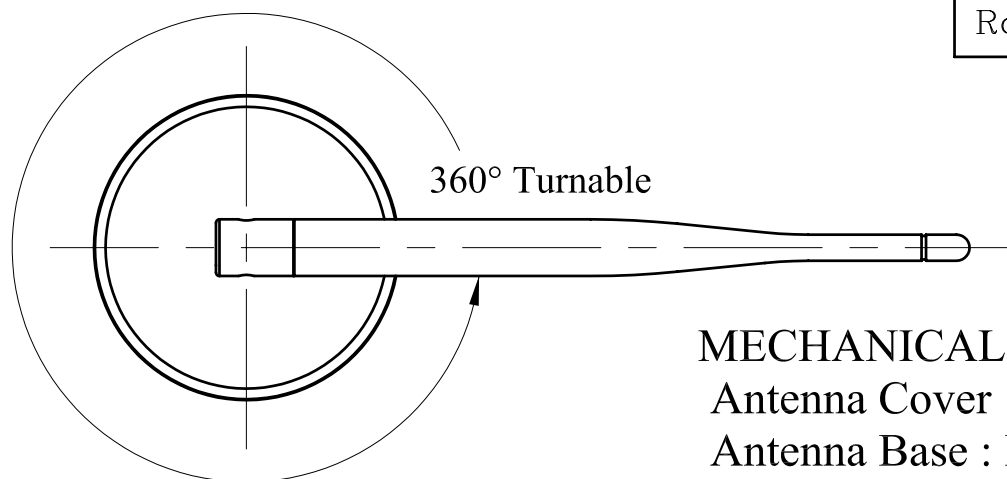
Color : BLACK

Operation Temperature:-40°C~+80°C

Storage Temperature:-30°C~+75°C

主題：	6642 編碼規定	文件編號：	版本：A
6642 <u>X</u> <u>XX</u> <u>X</u> <u>X</u> <u>X</u> - <u>XXX</u> 1 2 3 4 5 6 1.產品形態： A=2.4 high gain B=2.4 high gain SMA 底座 2.線端接頭形式： 03=SMA(M/S/R) 3.底座規格 0=無接頭 1=SMA F/S/R 4.線材規格： 4=RG-174 U 5.外觀顏色&特殊型式 1=黑色上罩 6.露出線長長度 無線長不用號碼 10M=線長 1.0M 15M=線長 1.5M			

RoHS COMPLIANT



360° Turnable

MECHANICAL

Antenna Cover : PU

Antenna Base : PC+ABS

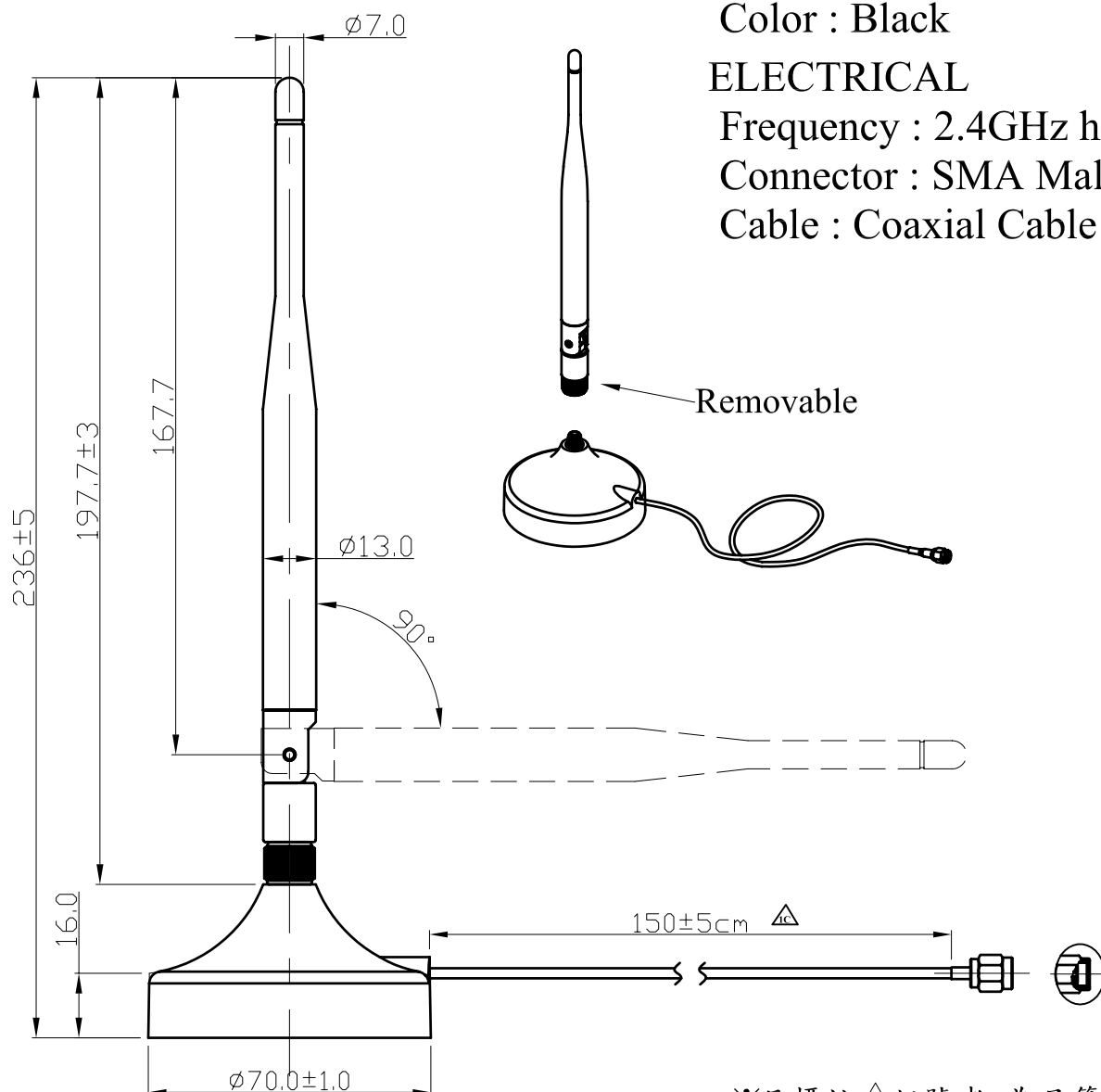
Color : Black

ELECTRICAL

Frequency : 2.4GHz high gain

Connector : SMA Male RP

Cable : Coaxial Cable RG-174



※凡標註△記號者, 為品管檢驗之尺寸

設計DR. Marco 2008/08/05	核准APPD. Jerry 2008/08/05	容許公差 .XXX ±0.10 .XX ±0.25 .X ±0.38 X ±0.50 ANG ±3°	品名 ARTICLE 6642-2.4G-SMA
版本說明	REVISION NOTE		圖號 DWG NO. 6642B03141-15M
KINSUN			單位 UNIT mm 比例 SCALE 1/1 張數 SHEET 1/1 版本 REV. A

ANT-WSB-AHRM-05-1.5m Series

2.4 GHz omni-directional indoor high gain rubber antennas



Features and Benefits

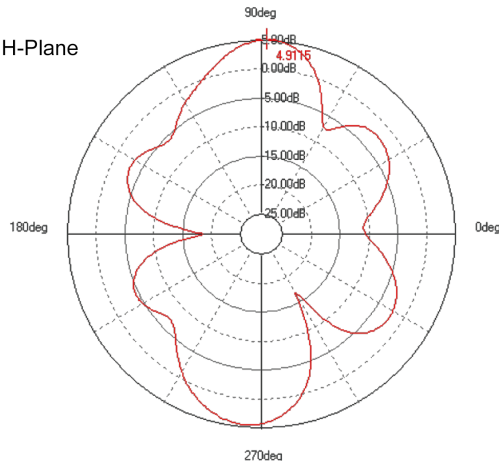
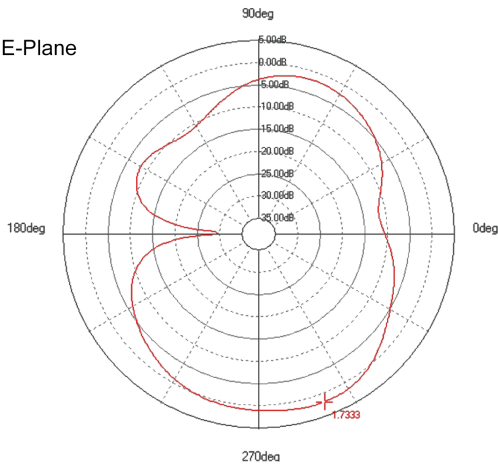
- High gain antenna
- Small size for easy installation
- Lightweight for portable deployment
- Straight mount or magnetic base mount
- SMA connector (male) supported

Introduction

The ANT-WSB-AHRM-05-1.5m is an omni-directional lightweight compact dual-band high-gain indoor antenna with a SMA (male) connector and magnetic mount. The antenna provides a gain of 5 dBi and is designed to operate in temperatures from -40 to 80°C.

Field Patterns

Frequency: 2.4 GHz



Specifications

Antenna Characteristics

Frequency	2.4 to 2.5 GHz
Antenna Type	Omni-directional, Rubber antenna
Typical Antenna Gain	5 dBi
Connector	RP-SMA (male)
Impedance	50 ohms

Polarization	Linear
HPBW/Horizontal	360°
HPBW/Vertical	80°
V.S.W.R.	2:1 max.

Physical Characteristics

Weight	300 g (0.66 lb)
Length (including base)	236 mm (9.29 in)
Radome Color	Black
Radome Material	Plastic
Installation	Magnetic mount
Cable	RG-174
Cable Length	1.5 m

Environmental Limits

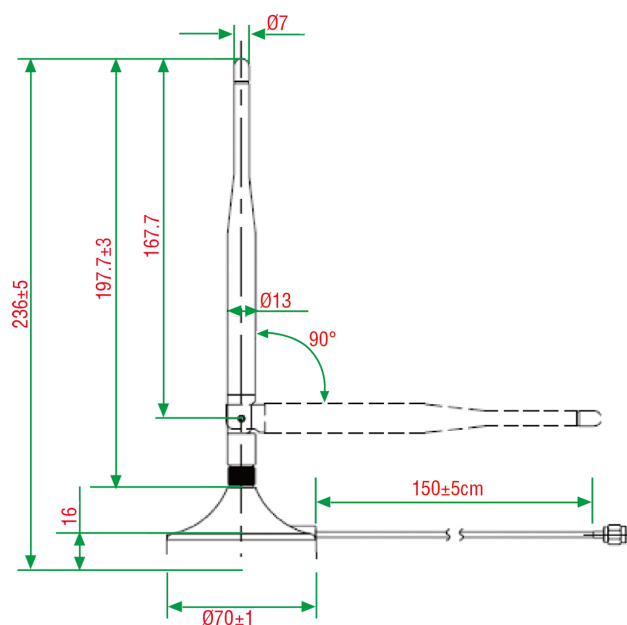
Operating Temperature	-40 to 80°C (-40 to 176°F)
Storage Temperature (package included)	-40 to 80°C (-40 to 176°F)
Ambient Relative Humidity	5 to 95% (30°C, non-condensing)

Warranty

Warranty Period	1 year
Details	See www.moxa.com/warranty

Dimensions

Unit: mm



Ordering Information

Model Name	Frequency	Antenna Type	Antenna Gain	Connector
ANT-WSB-AHRM-05-1.5m	2.4 to 2.5 GHz	Omni-directional, Rubber antenna	5 dBi	RP-SMA (male)

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