

DAM-Q14-B-R2-015-04-50

1. Explanation of Part Number

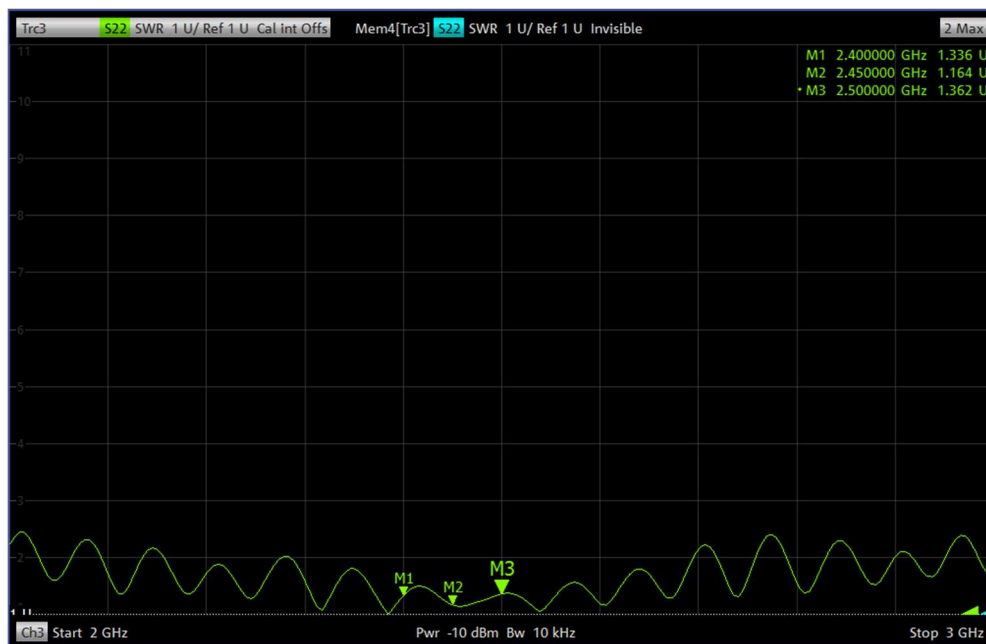
DAM - Q14 - B - R2 - 015 - 04 - 50
 (1) (2) (3) (4) (5) (6) (7)

- (1) Product type : DAM-Dipole Antenna Module
 (2) Appearance Series : Q14
 (3) Frequency : B= 2.4~2.5GHz
 (4) Coaxial Cable Specification : R2= RG-174
 (5) Coaxial Cable Length : 015=1500MM
 (6) Connector Types :04= RP-SMA Male
 (7) Suffix for special requirements : 50= “WIFI” White Marking
 ※ RoHS Compliant

2. Electrical properties:

Item	Specification
Frequency Range	2.4~2.5GHz
Impedance	50 Ω (Typ.)
Peak Gain	≤3.0 dBi
VSWR	≤2.5

3. Test Data



Frequency (MHz)	2400	2450	2500
VSWR	≤2.5	≤2.5	≤2.5

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=± X.XX=±

ANGLES=± HOLEDIA=±

SCALE : UNIT : mm

DRAWN BY : 黃建棠 CHECKED BY : 鄭榮謀

DESIGNED BY : 彭少君 APPROVED BY : 謝立庭

TITLE : DAM-Q14-B-R2-015-04-50



佳邦科技股份有限公司
INPAQ TECHNOLOGY CO., LTD.

THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

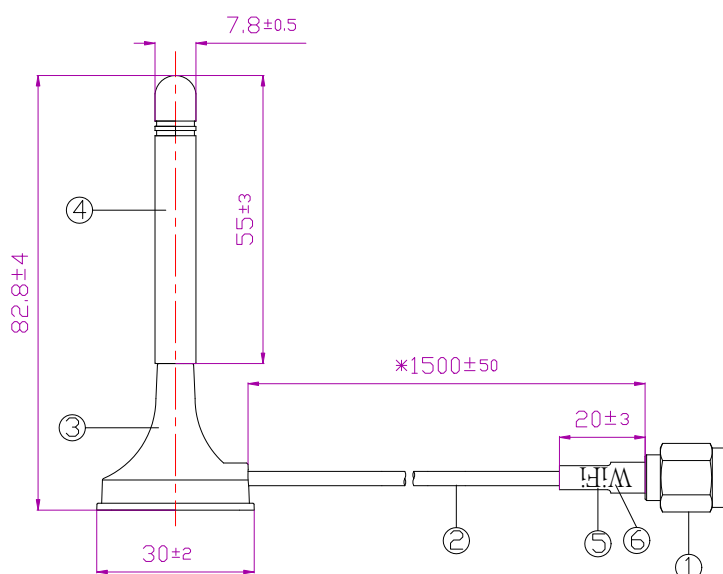
DOCUMENT
NO.

ENS000165300

PAGE REV.
A1

Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Peak Gain (dBi)
2400	-3.18	48.10	2.34
2450	-3.21	47.71	2.72
2500	-3.77	42.02	1.98

4. Mechanical properties:



NOTE:
 1. 外觀標準：需完整無破損，不可有變形、銹污、毛邊、腐蝕、裂縫、褶皺等情形。
 Appearance standard: They must be complete. It means those must not have the deformations, dirt, burrs, warps, cracks, folds, etc.
 2. 工程圖上“*”號為重點尺寸標註指示
 Mark “*” are the key dimensions.
 3. IQC&DQC&FQC只測量測試點尺寸
 KEY dimensions for IQC&DQC&FQC.

REV.P0_A0

序号.	名称	用量	单位
1	SMA 180 度公头母针（配带 3.2 铜管）铜镀金 金黄色	1	PCS
2	RG174 OD2.7 黄铜黑色 有 UL 印子黄铜黑色	1.5	M
3	本体 30*28* ABS 黑色	1	PCS
4	天线本体 5.8*55mm TPEE 黑色	1	PCS
5	热缩管 3.5EVA 黑色	0.020	M
6	“WiFi”白色印字	1	PCS

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=± X.XX=±

ANGLES=± HOLEDIA=±

SCALE : UNIT : mm

DRAWN BY : 黃建棠 CHECKED BY : 鄭榮謀

DESIGNED BY : 彭少君 APPROVED BY : 謝立庭



佳邦科技股份有限公司
INPAQ TECHNOLOGY CO., LTD.

THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

TITLE : DAM-Q14-B-R2-015-04-50

DOCUMENT
NO.

ENS000165300

PAGE REV.
A1

5. Antenna Photo:



UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=± X.XX=±

ANGLES=± HOLEDIA=±

SCALE :

UNIT : mm

DRAWN BY : 黃建棠

CHECKED BY : 鄭榮謀

DESIGNED BY : 彭少君

APPROVED BY : 謝立庭



佳邦科技股份有限公司
INPAQ TECHNOLOGY CO., LTD.

THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

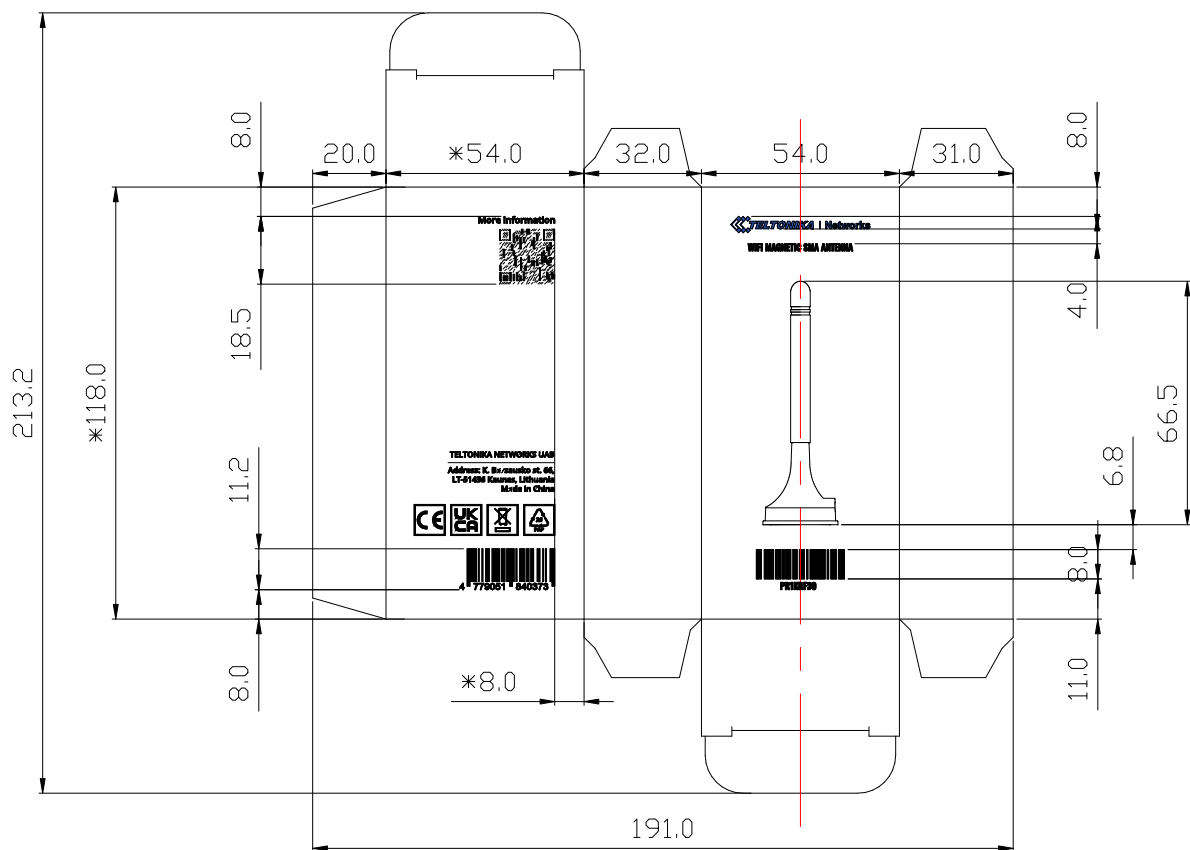
TITLE : DAM-Q14-B-R2-015-04-50

DOCUMENT
NO.

ENS000165300

PAGE REV.
A1

6. Packing Spec:



1. 包裝與外觀：需完整無磨損
 2. 紙板材質160克牛皮紙+110克瓦楞紙+130克牛皮紙/E 瓦楞
 3. 紙板顏色 棕色
 4. 紙板厚度1.5mm
 5. 公差±2mm
 6. 規格：
 - 6.1 破裂強度：5 kgf/cm²公差±10%
 - 6.2 結合方式：膠合
 7. 儲存條件：
 - 7.1 儲存環境：5~25℃
 - 7.2 有效期限：一年
 - 7.2.1 開封後期限縮短 ■ 無 □ 有
 8. 圖面* 為重點量測尺寸
 9. 印刷規格 彩印
- Printing color-
 C:97 M:74 Y:1 K:0<blue>
 C:0 M:0 Y:0 K:100<black>

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=± X.XX=±

ANGLES=± HOLEDIA=±

SCALE :

UNIT : mm

DRAWN BY : 黃建棠

CHECKED BY : 鄭榮謀

DESIGNED BY : 彭少君

APPROVED BY : 謝立庭

TITLE : DAM-Q14-B-R2-015-04-50



佳邦科技股份有限公司
INPAQ TECHNOLOGY CO., LTD.

THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

DOCUMENT
NO.

ENS000165300

PAGE REV.
A1

※Packaging information

1. The total weight of the small inner box and antenna is 44 ± 15 (g)
2. The total weight of the full box is 9910 ± 450 (g)

1	Each item is packed in an individual small packaging box	The dimensions of the small inner box are 118x54x32mm-PR1KRF30. All small box dimension tolerance is ± 2 mm	A total of 1 piece/item.
2	Weigh the assembled product on an electronic scale, ensuring that empty packaging boxes are not allowed to spill out.		A total of 1 piece/item.
3	Place a top and bottom Partition board on each layer, with 28 small boxes on each layer, ensuring that the orientation is consistent. There are a total of 7 layers, and one outer box can hold 196 PCS of the product.	The dimensions of the outer box are 370x330x430mm with a dimensional tolerance of ± 5 mm.	A total of 196 piece/item.

- PS:标签要求请参考 LPRS.
- Packing should be WITHOUT plastic bag

UNLESS OTHER SPECIFIED TOLERANCES ON :

X= $\pm$ X.X= $\pm$ X.XX= $\pm$

ANGLES= $\pm$ HOLEDIA= $\pm$

SCALE : UNIT : mm

DRAWN BY : 黃建棠 CHECKED BY : 鄭榮謀

DESIGNED BY : 彭少君 APPROVED BY : 謝立庭



佳邦科技股份有限公司
INPAQ TECHNOLOGY CO., LTD.

THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

TITLE : DAM-Q14-B-R2-015-04-50

DOCUMENT
NO.

ENS000165300

PAGE REV.
A1