

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

1. Explanation of Part Number

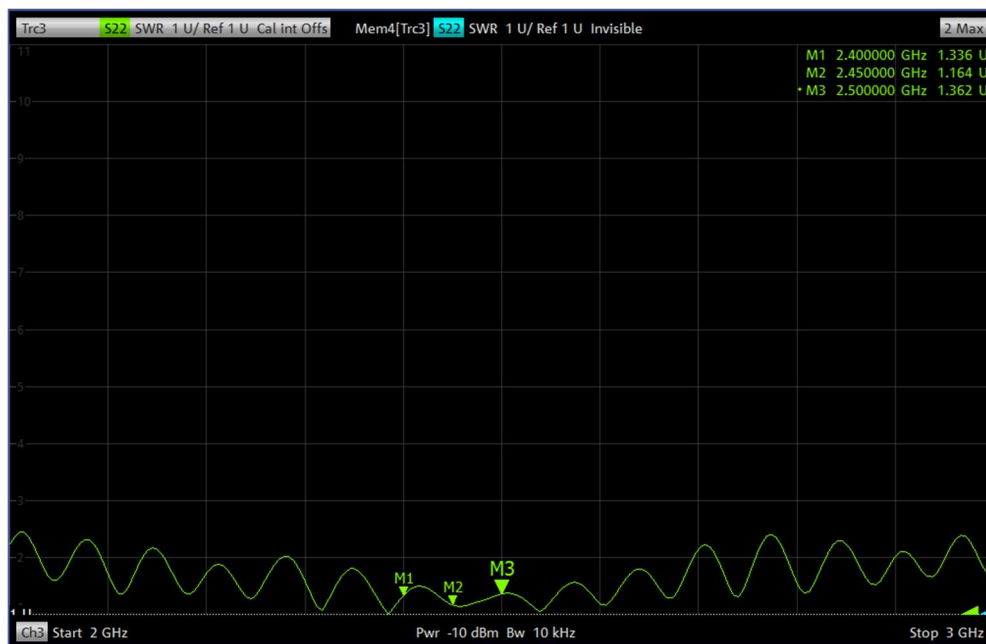
DAM - Q14 - B - R2 - 015 - 04 - 50
 (1) (2) (3) (4) (5) (6) (7)

- (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



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INPAQ TECHNOLOGY CO., LTD.

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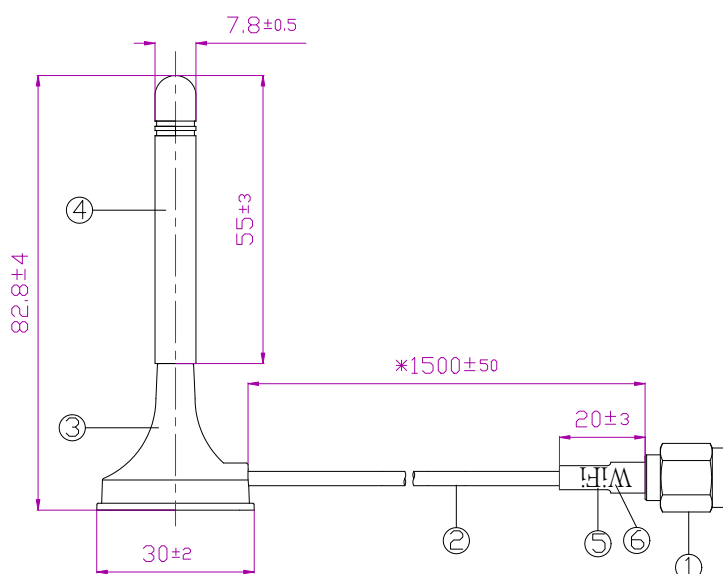
DOCUMENT
NO.

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、鏽污、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.

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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

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A1

5. Antenna Photo:



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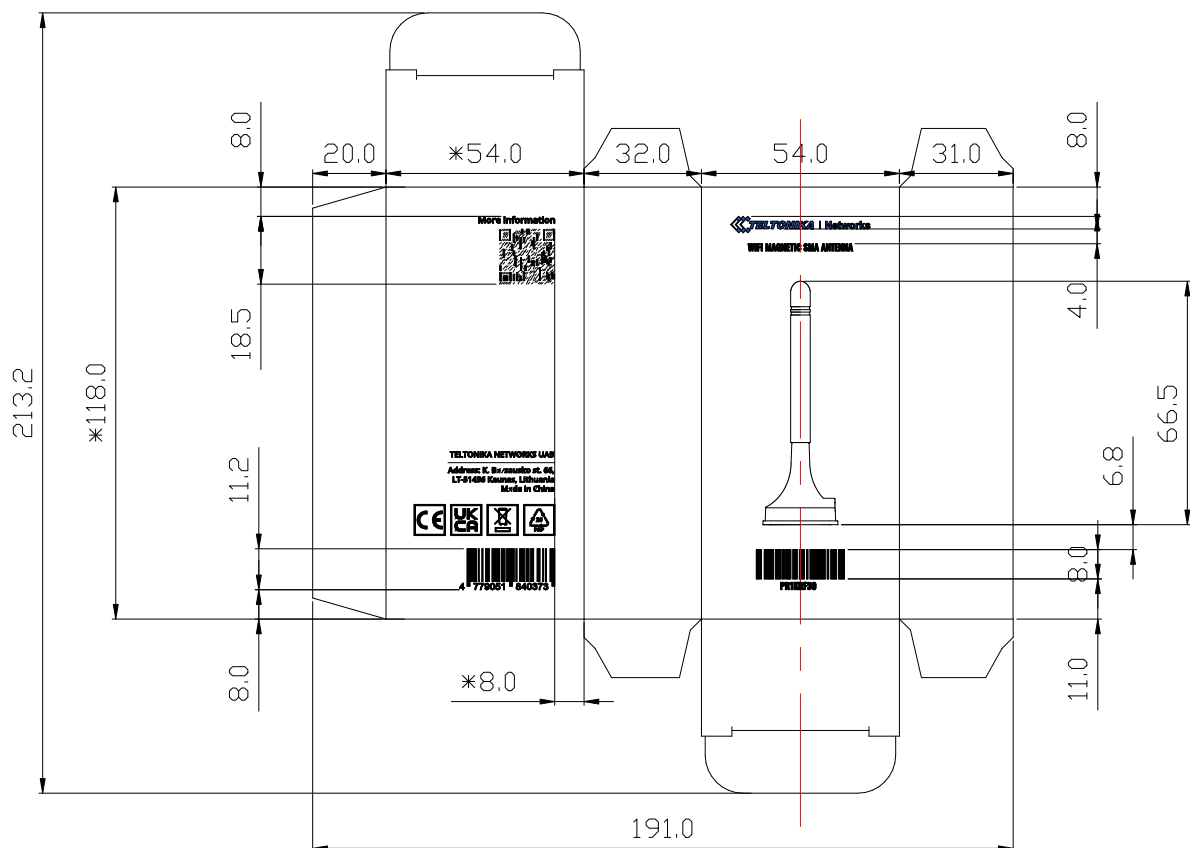
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PAGE REV.
A1

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>

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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

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