

PA2400MI4G-131-17M

ENGINEERING SPECIFICATION

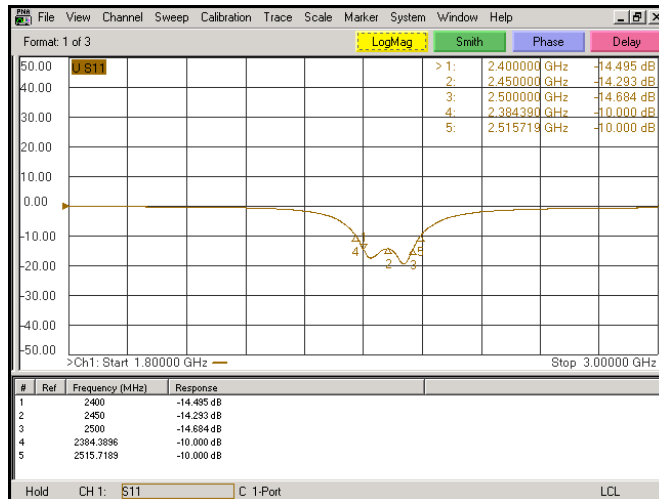
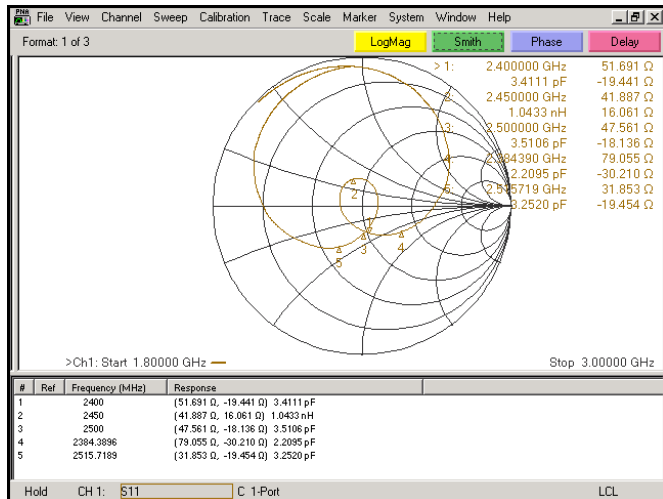
1. Typical Electrical Properties

Frequency (MHz)	S ₁₁ (dB)	Gain 0°XZ-plane (dBic)	RHCP Efficiency (%)
2400	-14.49	1.45	62.44
2450	-14.29	2.73	70.47
2500	-14.68	1.61	59.61

Note: (1) Patch Antenna is Located in 50mm Square ground plane
 PA2400MI4G-131-17M , G : Green parts (RoHS compliance)
 -131 are the code of project number, -17M show of appendix

2. Patch-V0 Antenna Performance and Characteristic Data on 50mm Square ground plane

2.1 Smith Chart/Return Loss



UNLESS OTHER SPECIFIED TOLERANCES ON :
 X=± X.X=± X.XX=±
 ANGLES=± HOLEDIA=±

SCALE : UNIT : mm

DRAWN BY: 郭芳君 CHECKED BY: 鄭大福

DESIGNED BY: 李守仁 APPROVED BY: 曾源標

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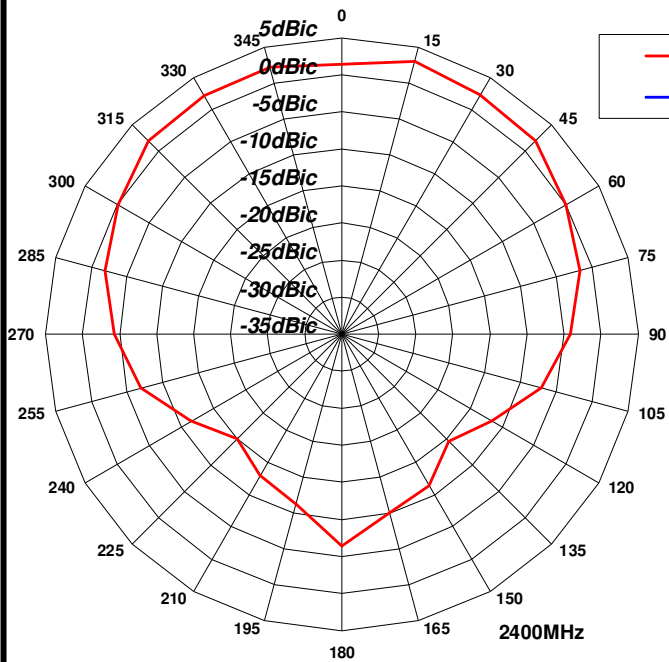
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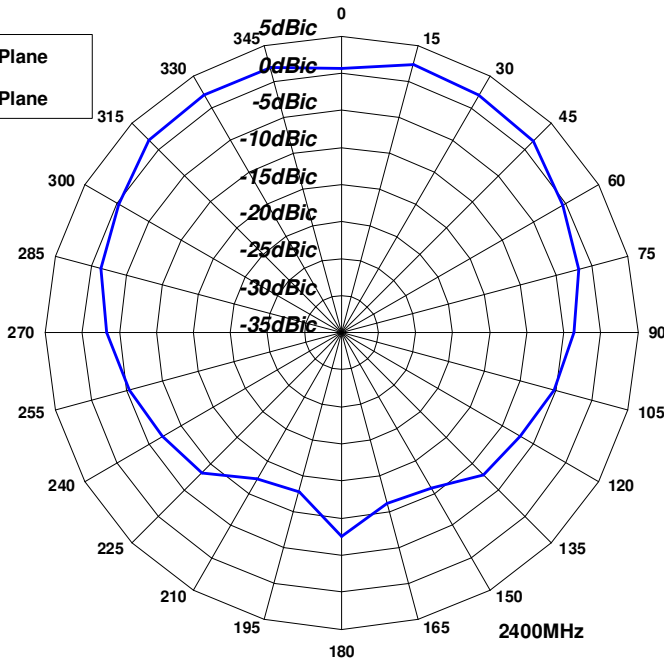
DOCUMENT NO.	ENS000060510	SPEC REV.
		P0

2.2 Gain Pattern (Unit : dBic)

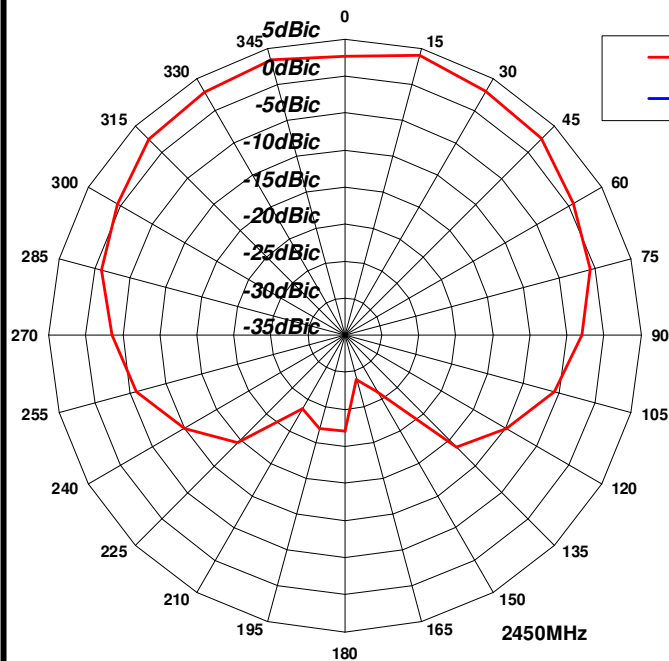
Circular Gain Radiation XZ Pattern



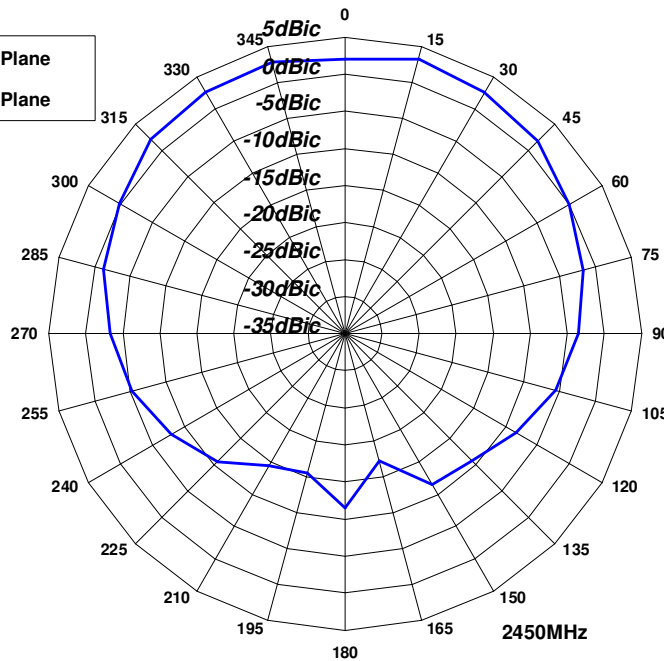
Circular Gain Radiation YZ Pattern



Circular Gain Radiation XZ Pattern



Circular Gain Radiation YZ Pattern



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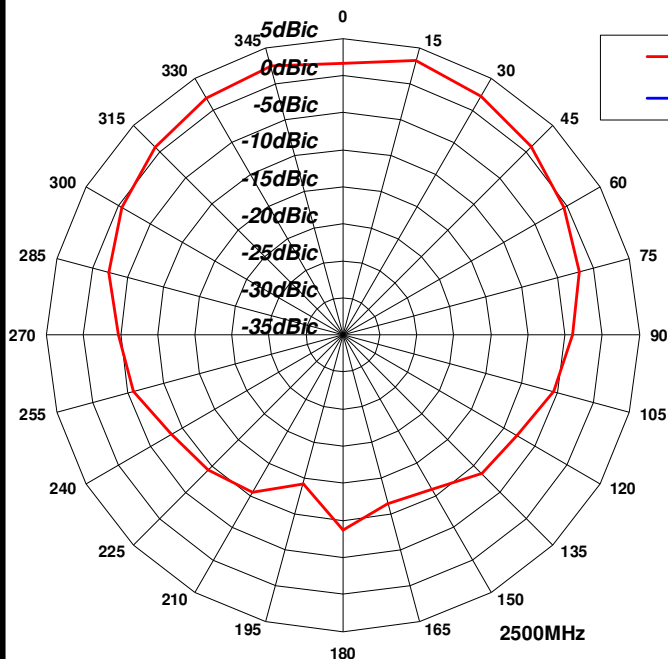
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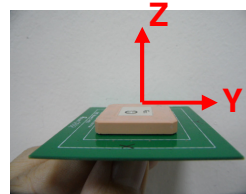
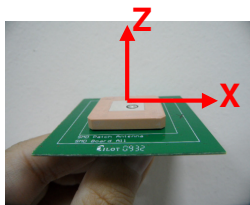
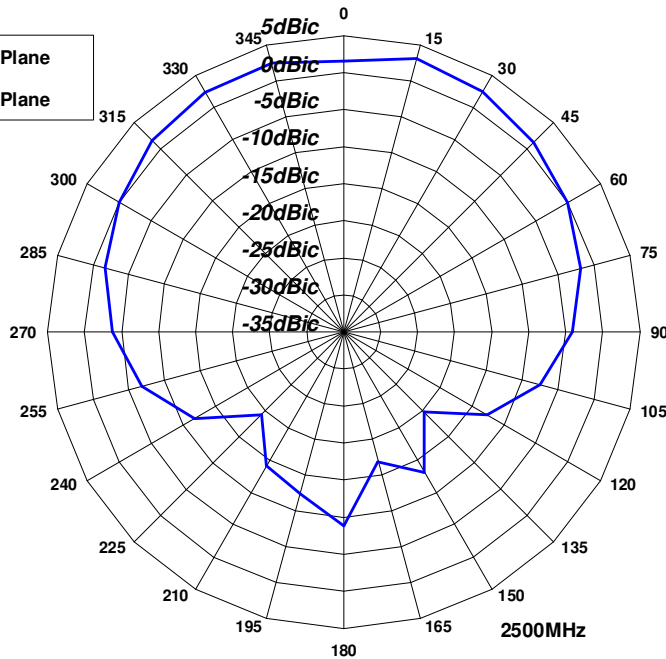
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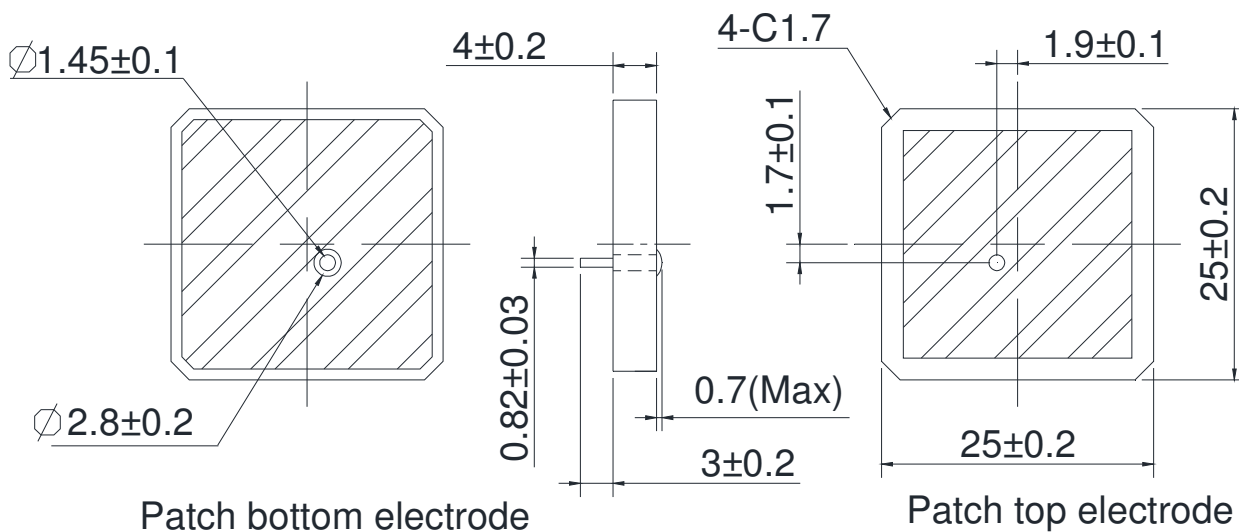
Circular Gain Radiation XZ Pattern



Circular Gain Radiation YZ Pattern



3. Dimensions



Unit : mm

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ANGLES=± HOLEDIA=±

SCALE : UNIT : mm

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4. Explanation of Appendix

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(1)(2)(3)

(1) 1 = 3 mm Pin Length

(2) Adhesive Tape 7 22x22mm

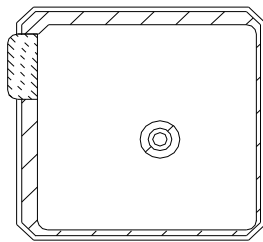
Adhesive Transfer Tape Specification

2.1 TAPE : Nitto 5000NS 22x22x0.16mm

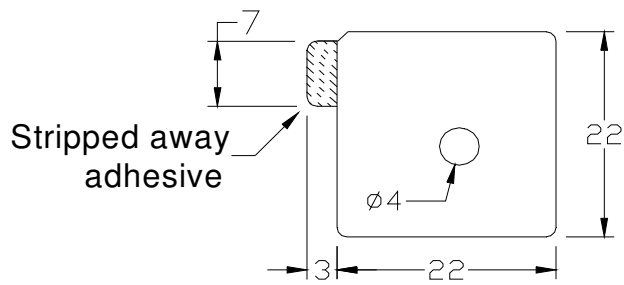
2.2 Thickness : 0.16 mm

2.3 Release Liner : 0.1mm (typ.) printed paper or paper

2.4 Dimension : mm



Patch bottom



Tolerance : ±0.5mm

Unit: mm

(3) Option appendix M Marking

Marking configuration

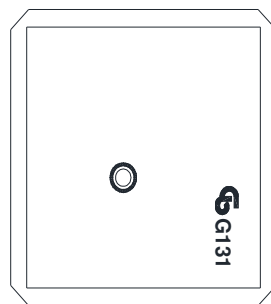
3.1 Logo G for INPAQ Logo

3.2 Type


G for green product antenna

3.3 Three digits are the code of our project number

131



Patch top electrode

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