PATG1584MI6G-100-17M

Engineering Specification

1. Typical Electrical Properties

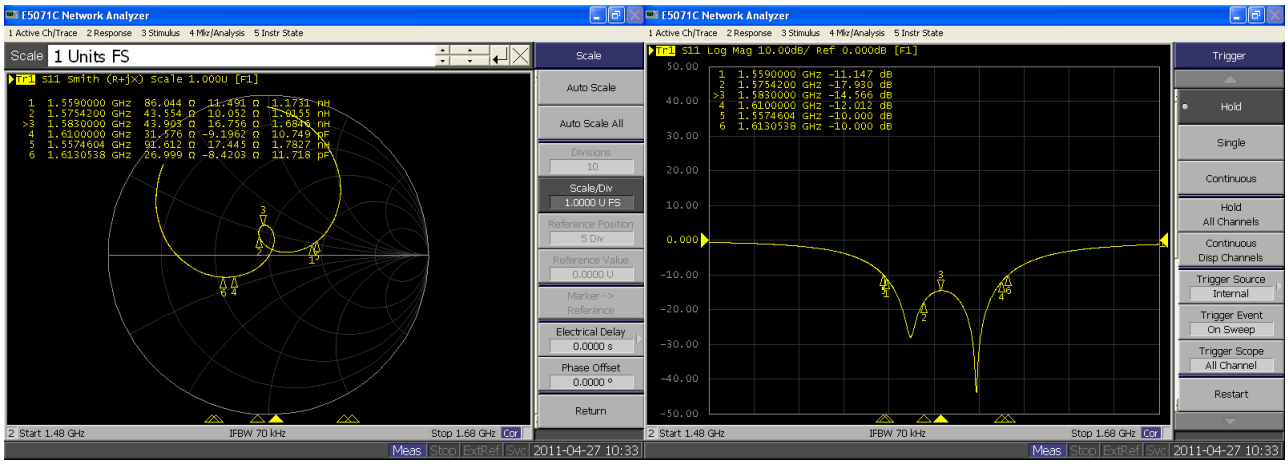
Frequency (MHz)	S_{11}(dB)	Gain 0°XZ-plane (dBic)	RH Upper Hemi. efficiency (%)
1559	-11.14	3.98	69.55
1575.42	-17.93	4.15	69.54
1584	-14.57	4.93	75.03
1610	-12.01	3.58	51.11

PATG1584MI6G-100-17M , G : Green parts (RoHS compliance)

-100 are the code of project number, -17M show of appendix

2. Patch Antenna Performance and Characteristic Data on 70x70 mm Ground

2.1 Smith Chart/Return Loss



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DESIGNED BY:鄭大福	APPROVED BY:曾源標		
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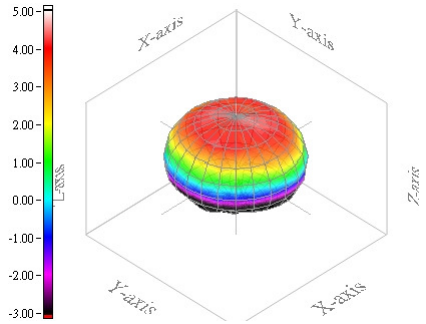
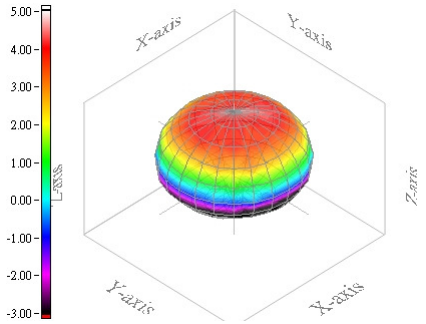
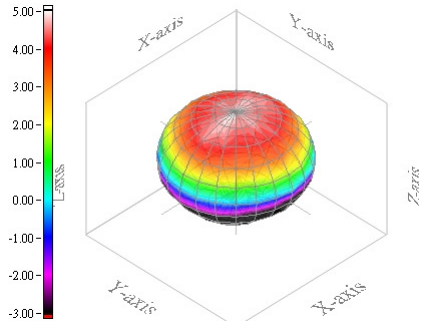
2.2 Gain Pattern (Unit : dBic)



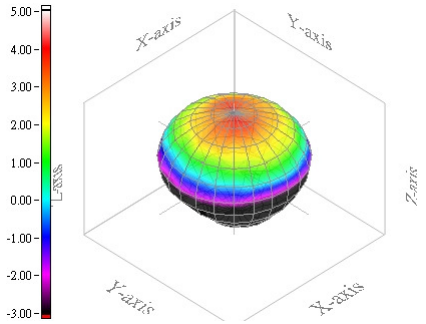
1559 MHz



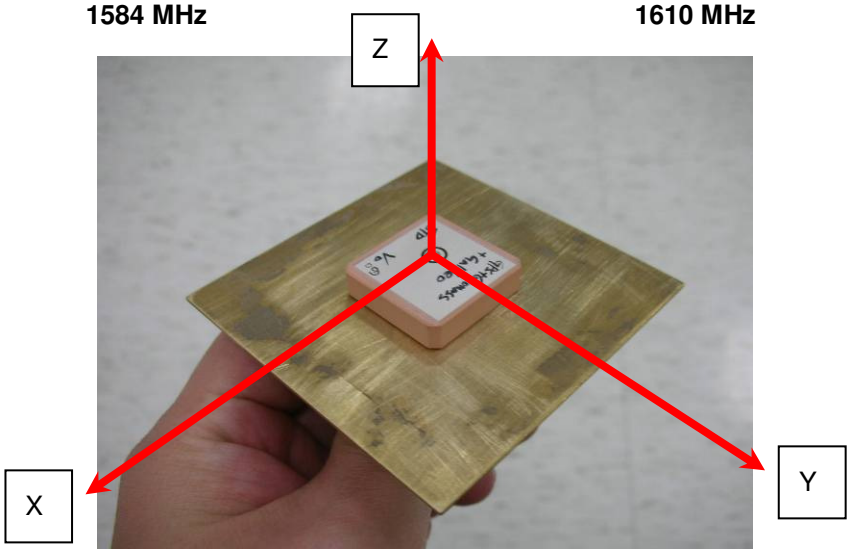
1575.42 MHz



1584 MHz



1610 MHz



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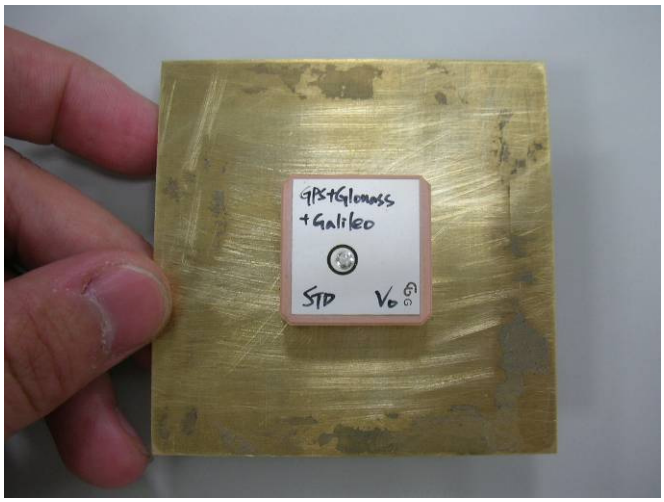
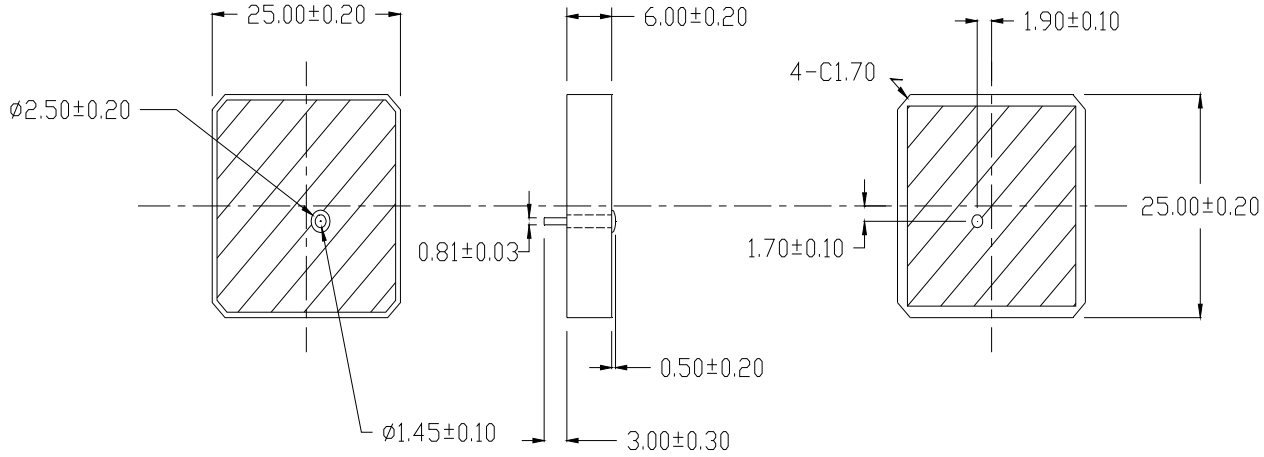
2.3 Antenna Direction



3. Dimension



unit : mm

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4. Explanation of Appendix

P A T G 1 5 8 4 M I 6 G - 1 0 0 - 1 7 M

(1) (2) (3)

(1) The Pin length is 3 mm

(2) Adhesive Tape [7] **22×22mm**

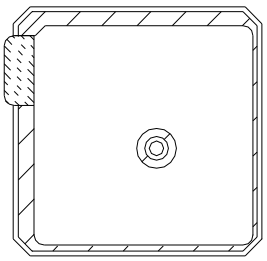
Adhesive Transfer Tape Specification

2.1 TAPE：Nitto 5000NS 22x22x0.16mm

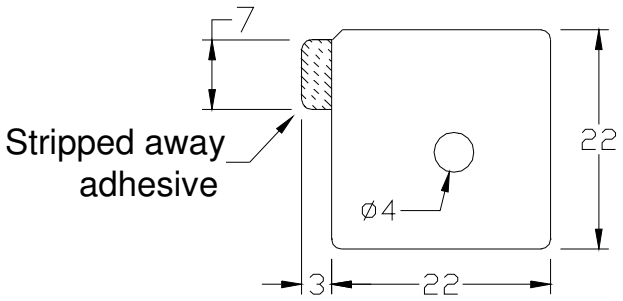
2.2 Thickness : 0.16 mm

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

2.4 Dimension : mm



Patch bottom



Tolerance : ±0.5mm

(3) Option appendix [M] **Marking**

Marking configuration

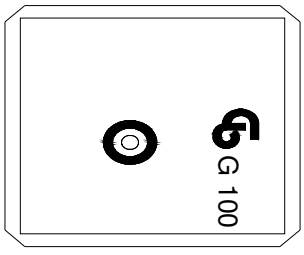
3.1 Logo for INPAQ Logo

3.2 Type

[G] for green product antenna

3.3 Three digits are the code of our project number

[100]



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