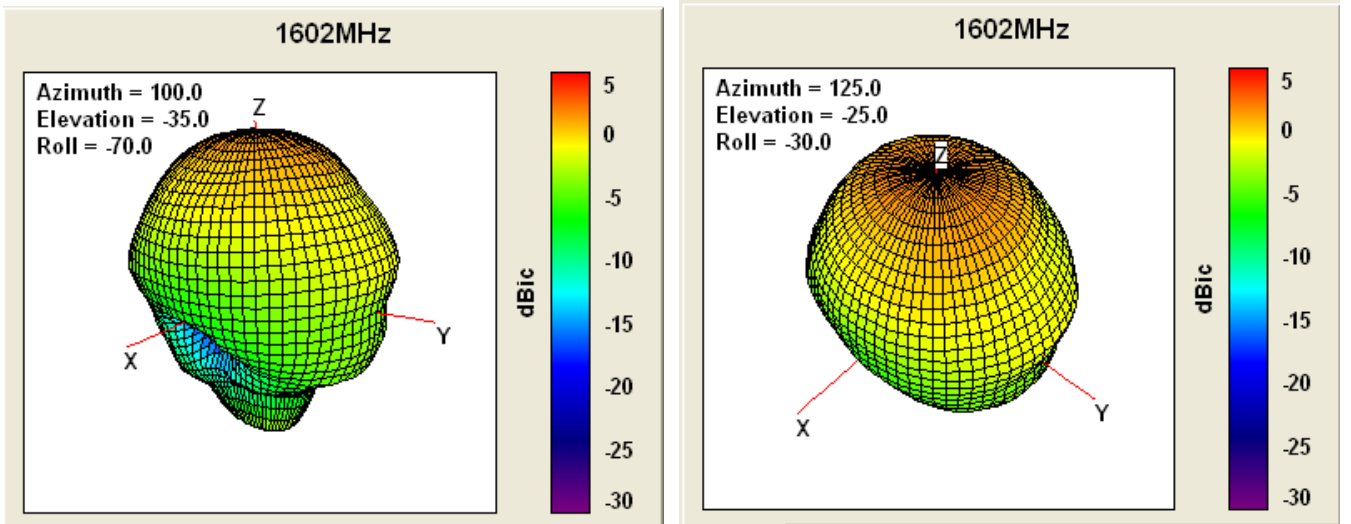
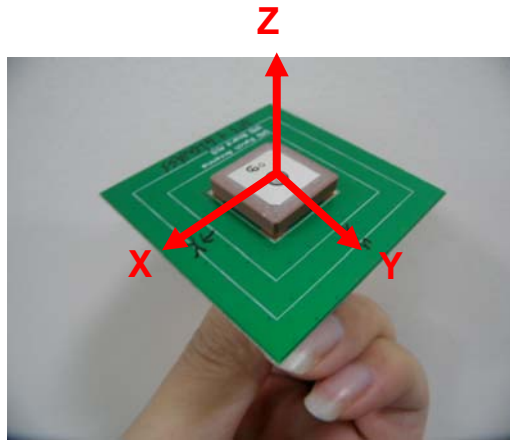
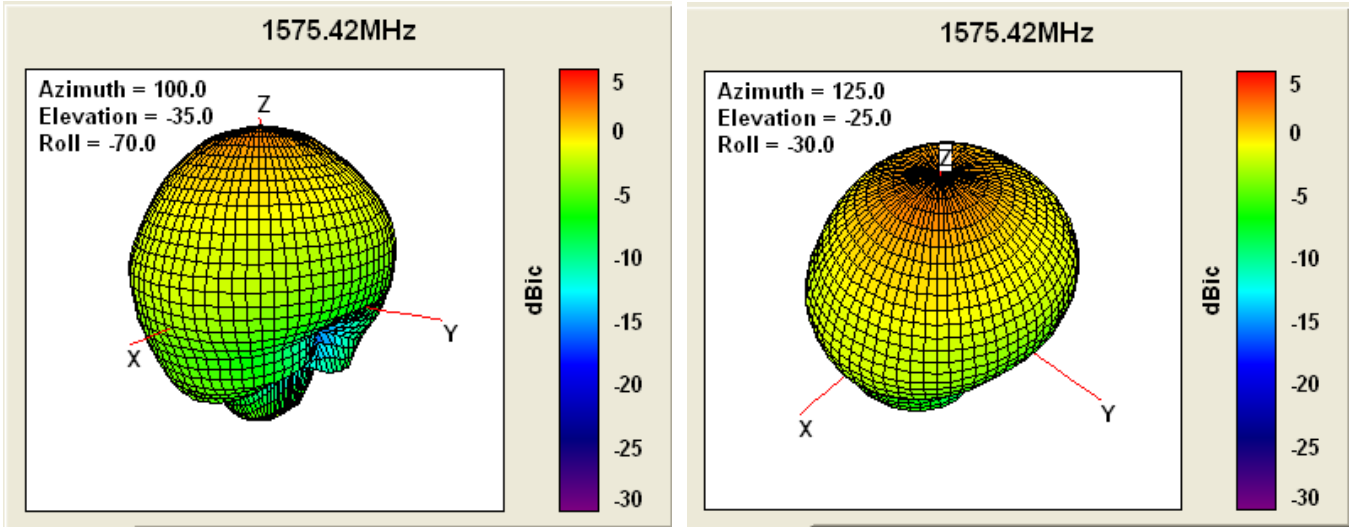



2.2 Gain Pattern (Unit : dBic)



UNLESS OTHER SPECIFIED TOLERANCES ON :

X=±	X.X=±	X.XX=±
ANGLES=±		HOLEDIA=±
SCALE :	UNIT : mm	
DRAWN BY: 羅孟仙	CHECKED BY: 鄭大福	
DESIGNED BY: 李守仁	APPROVED BY: 曾源標	
TITLE : PA1590MS4G-102-1S ENGINEERING SPECIFICATION		

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DOCUMENT NO.	ENS000049520	SPEC REV. P1

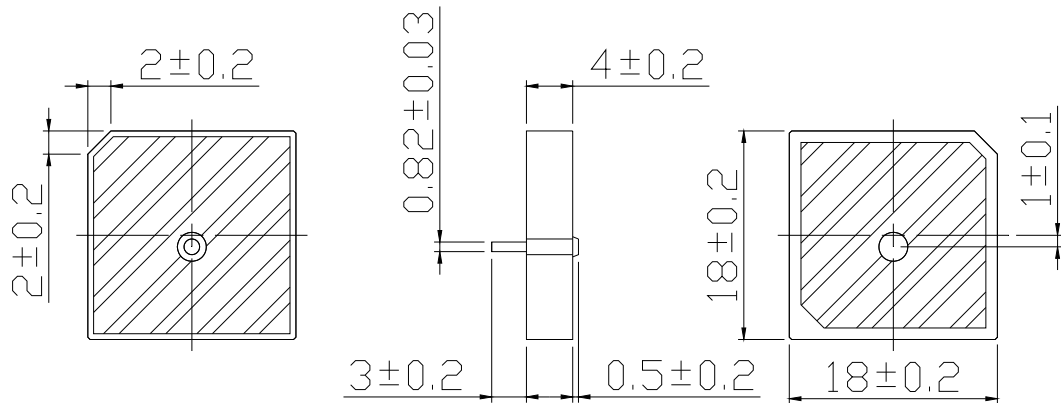
3. Typical Electrical Properties

Characteristics	Specification	Unit	Conditions
Center Frequency	1584.8±2.0	MHz	By Test Ground Plane
Polarization	RHCP		By Test Housing
S11	< -20	dB	By Test Ground Plane
Frequency Temperature Coefficient	0±20	ppm/°C	-40°C to +85°C

PA1590MS4G-102-1S , G : Green parts (RoHS compliance)

-102 are the code of project number, -1S show of appendix

4. Dimension



Unit: mm

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=± X.X=± X.XX=±

ANGLES=± HOLEDIA=±

SCALE : UNIT : mm

DRAWN BY: 羅孟仙 CHECKED BY: 鄭大福

DESIGNED BY: 李守仁 APPROVED BY: 曾源標



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TITLE : PA1590MS4G-102-1S
ENGINEERING SPECIFICATION

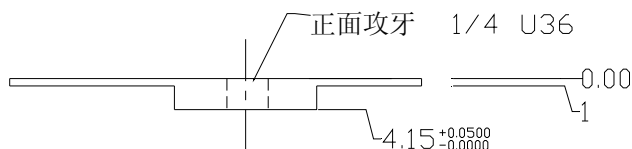
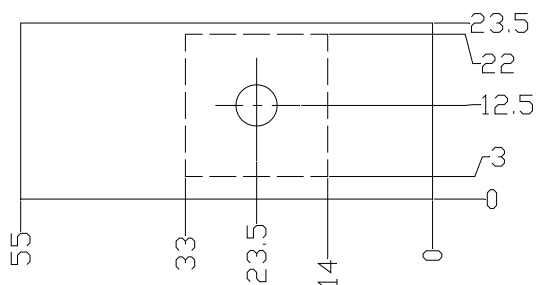
DOCUMENT NO.

ENS000049520

SPEC REV.
P1

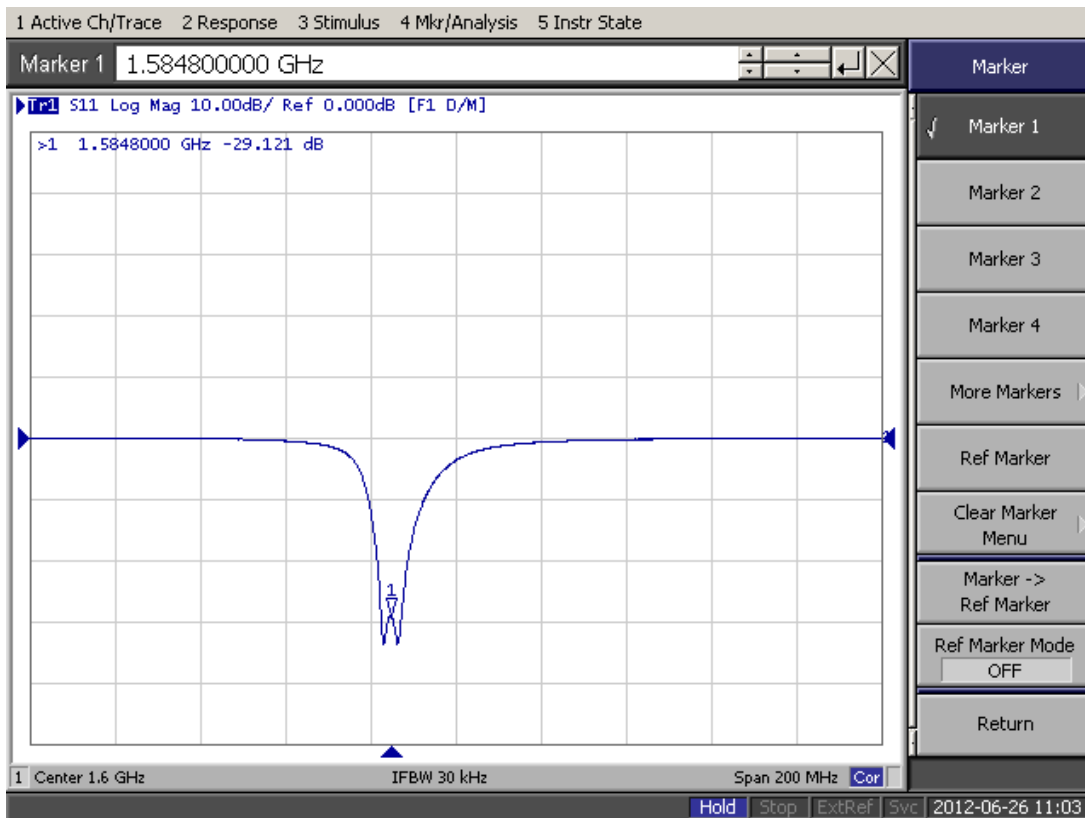
5. Test Condition Ground Plane

PA1590MS4G-102-1S-V1



Unit: mm

6. Return Loss Characteristics



UNLESS OTHER SPECIFIED TOLERANCES ON :	
X=±	X.X=±
ANGLES=±	HOLEDIA=±
SCALE :	UNIT : mm
DRAWN BY: 羅孟仙	CHECKED BY: 鄭大福
DESIGNED BY: 李守仁	APPROVED BY: 曾源標
TITLE : PA1590MS4G-102-1S ENGINEERING SPECIFICATION	

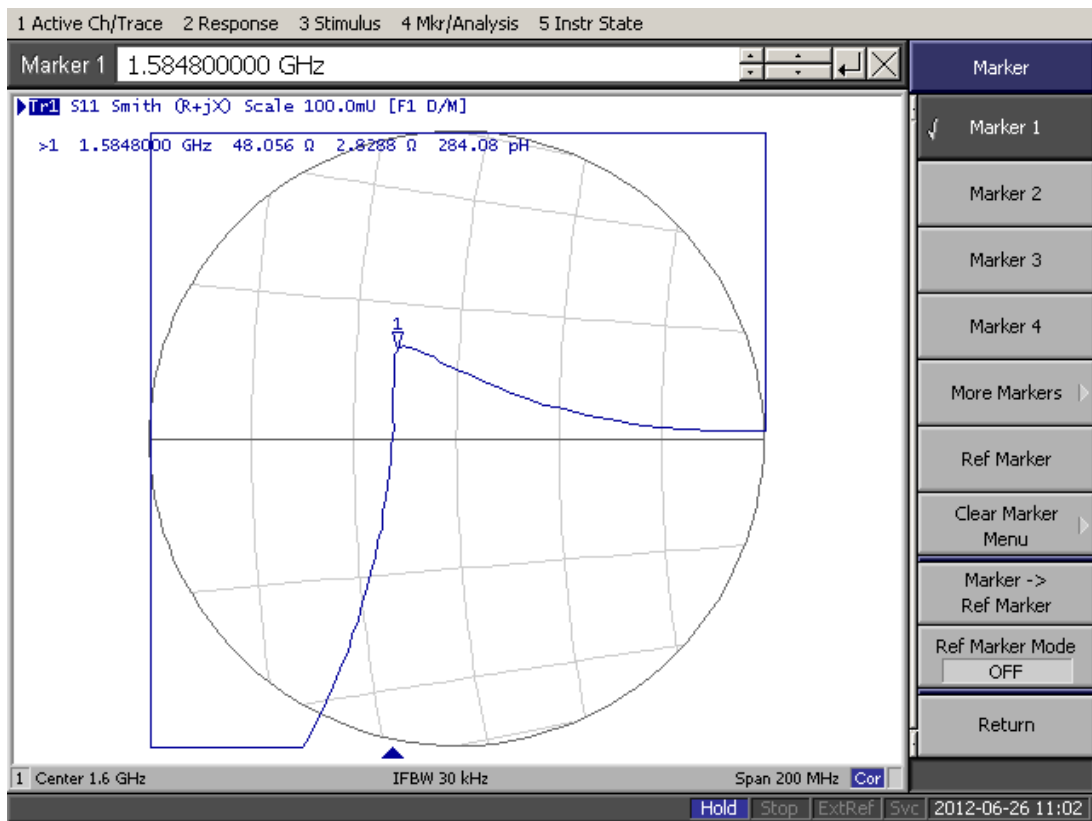
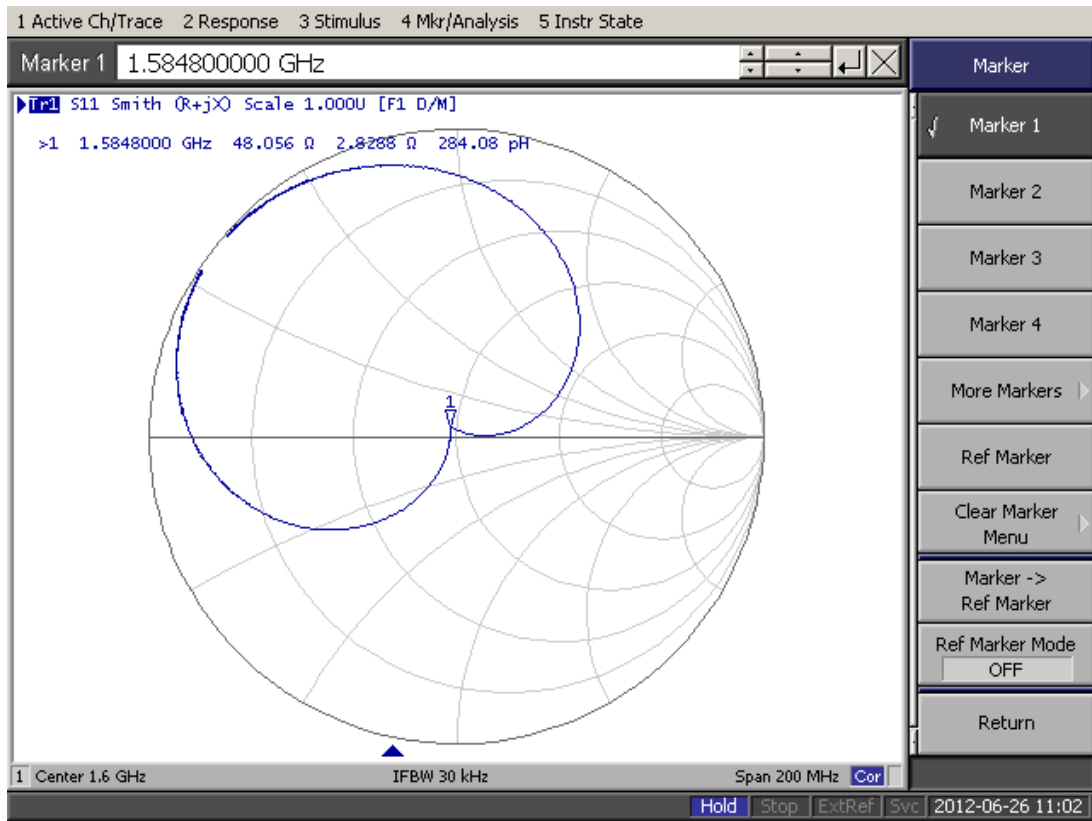


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		P1

7. Measured Input Impedance on a Smith Chart



UNLESS OTHER SPECIFIED TOLERANCES ON :	
X=±	X.X=±
ANGLES=±	HOLEDIA=±
SCALE :	UNIT : mm
DRAWN BY: 羅孟仙	CHECKED BY: 鄭大福
DESIGNED BY: 李守仁	APPROVED BY: 曾源標
TITLE : PA1590MS4G-102-1S ENGINEERING SPECIFICATION	



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		P1

