

APPROVAL SHEET

(RoHS)

CUSTOMER : _____
CUSTOMER'S : _____
PART NO. : _____
DESCRIPTION : **METAL STAMPING ANTENNA ASSEMBLY**
PART NO. : **MSA-4008-25GC1-A1**
DATE : _____
AUTHORIZED BY : *Yunwei Lin*

	FULLY APPROVED	PARTIALLY APPROVED	REJECTED
SIGN			
SUGGESTION			

美磊科技股份有限公司

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Contents

Item	Description	Page
1.	Antenna Specification	3
2.	Mechanical Specification	4
3.	Test Report	5

Antenna Specification

ELECTRICAL PROPERTIES

- 1.1 Frequency Range..... 2.4~2.5GHz /4.9~5.9GHz
- 1.2 Impedance..... 50 Ohm Nominal
- 1.3 VSWR..... 2 (Max)
- 1.4 Return Loss..... -10dB (Max)
- 1.5 Radiation..... Directional
- 1.6 3D Peak Gain..... 2.98dBi(2.4~2.5GHz)
5.16dBi(4.9~5.9GHz)
- 1.7 Polarization.....Linear Vertical
- 1.8 Admitted Power.....1W

PHYSICAL PROPERTIES

- 2.1 Antenna Material..... SUS430 鍍鎳
- 2.2 Operating Temp..... -20°C ~ +65°C
- 2.3 Storage Temp..... -30°C ~ +75°C



Mechanical Specification

RoHS COMPLIANT

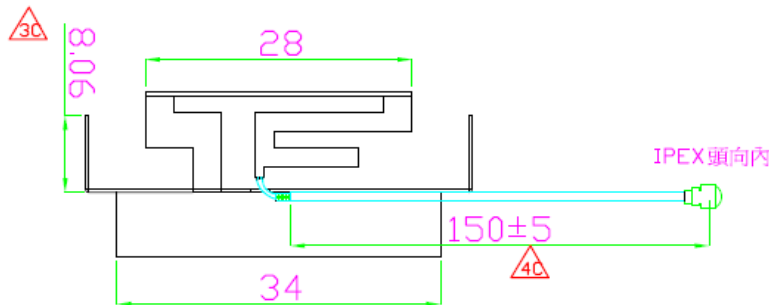
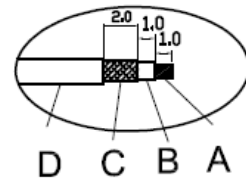
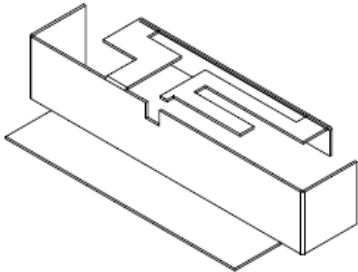
MECHANICAL

Body : SUS 430(鍍鎳) T=0.3mm

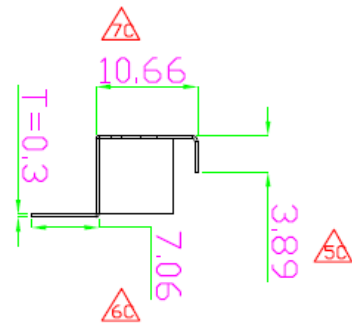
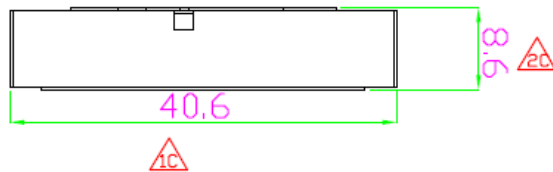
ELECTRICAL

Frequency : 2.4/5GHz

Cable : Coaxial Cable ϕ 1.13(Black)



A - center conductor
B - Dielectric
C - Outer conductor
D - Jacket



※凡標記 $\triangle$ 記號者, 為品管檢驗之尺寸

設計 DR. Fchou 2010/10/15	核准 APPD. Marco 2010/10/15	容許公差 .XXX ± 0.1 .XX ± 0.5 .X ± 1.0 X ± 3.0 ANG ± 5	TOLERANCE	品名 ARTICLE MSA-4008-25GC1-A1
版本說明	REVISION NOTE			
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單位 UNIT mm	比例 SCALE ****	張數 SHEET 1	版本 REV. A	



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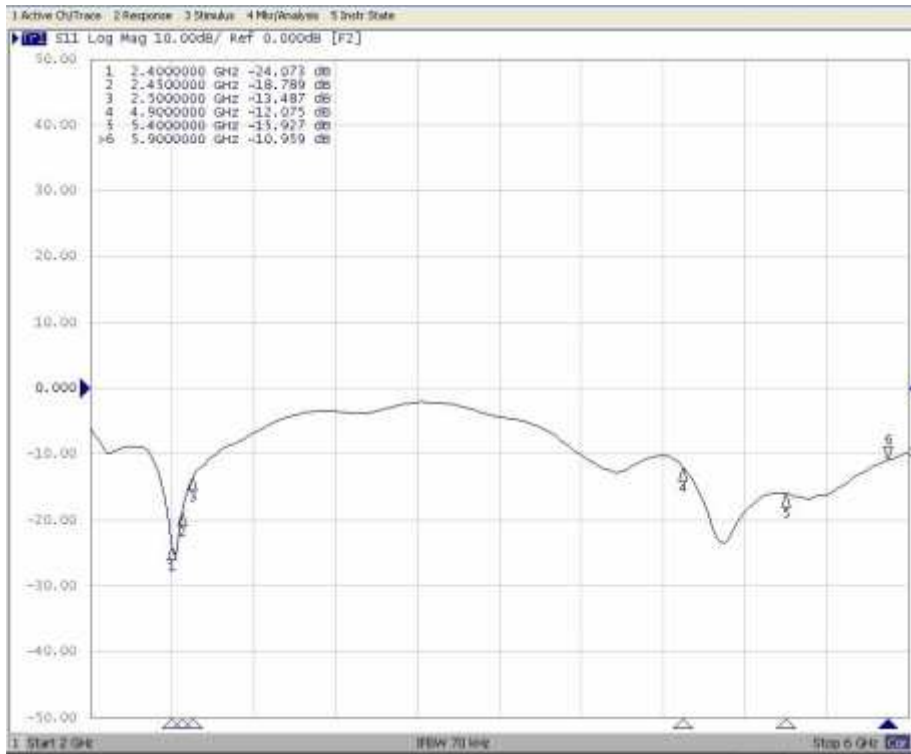
Test Report

ELECTRICAL CHARACTERISTICS

P/NO: MSA-4008-25GC1-A1

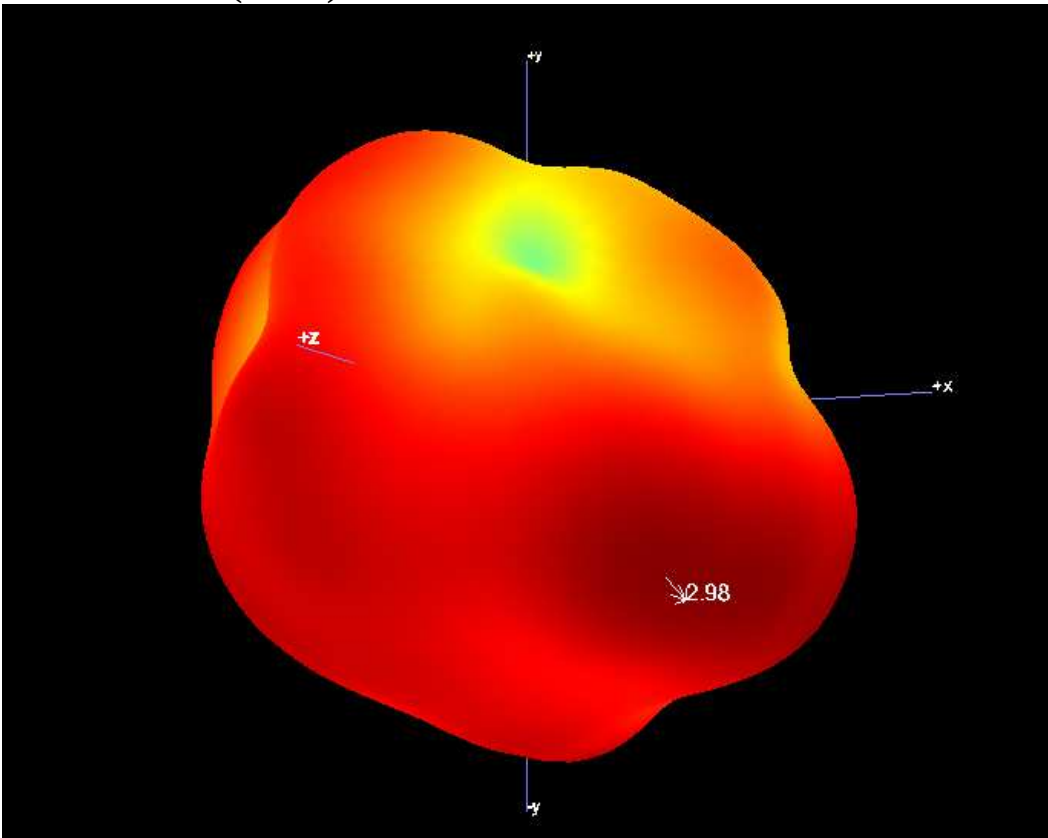
Spec: 2.4~2.5GHz / 4.9~5.9GHz

S11

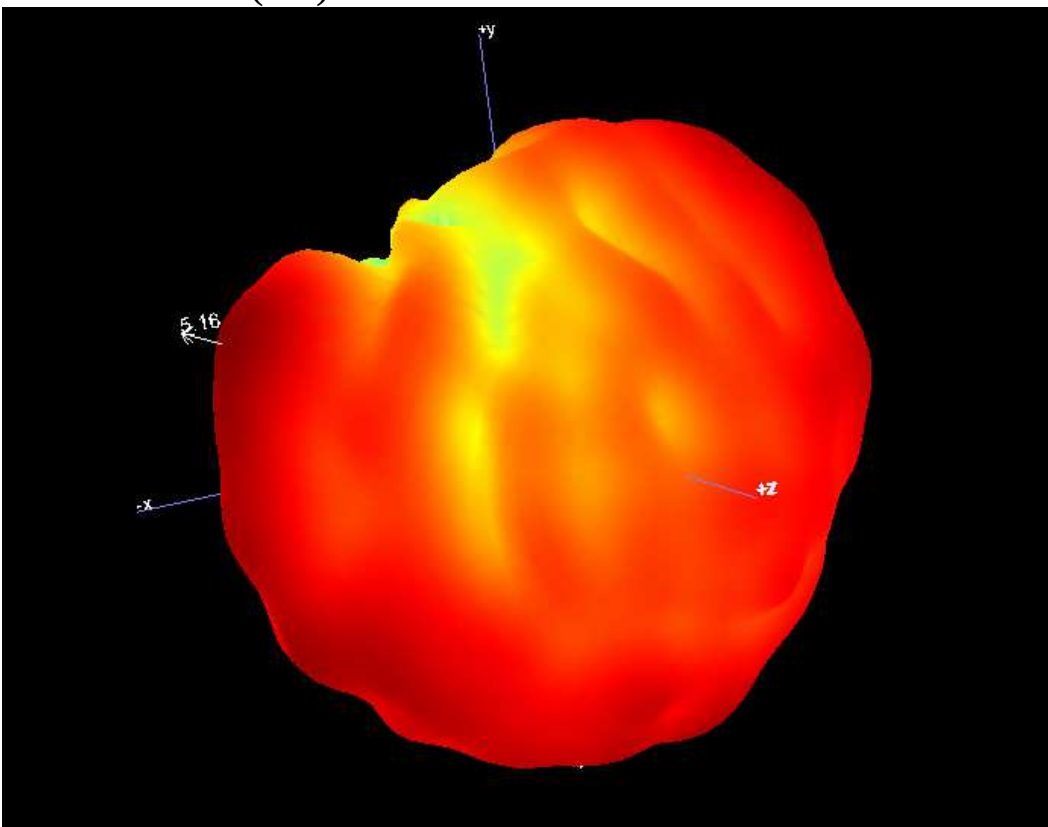


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3D Pattern (2.4G)



3D Pattern (5G)



Peak Gain	2.4GHz~2.5GHz	4.9GHz~5.9GHz
	2.98 dBi	5.16 dBi

