

| | | | |
|-----------------------------------------------|-------|---------|---------------------------|
| 專案編號： | 客戶：精英 | 機種：A102 | 測試日期：2010/11/18 |
| 專案名稱：BT & Wi-Fi Antenna Test Report Reference | | | PART No. : VSO P/No. : |

天線外觀及安裝位置圖(BT Antenna)



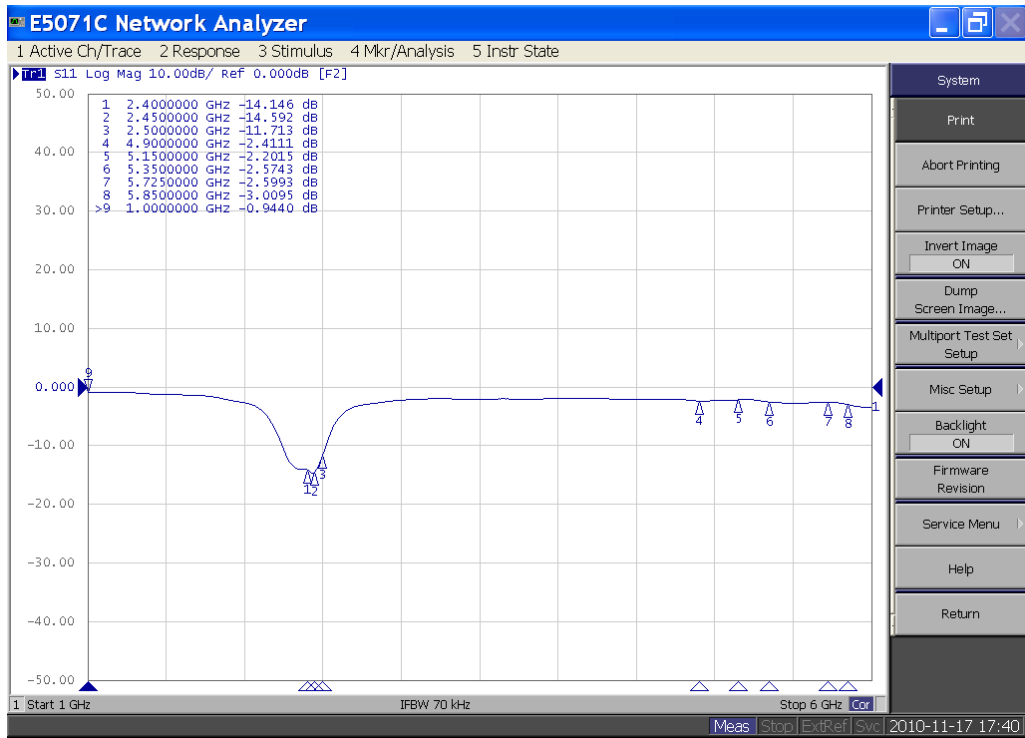
天線外觀及安裝位置圖(Wi-Fi Antenna)



| |
|-----------------|
| 測試日期：2010/11/18 |
| PART No. : |
| VSO P/No. : |

| | | |
|-----------------------------------------------|-------|---------|
| 專案編號： | 客戶：精英 | 機種：A102 |
| 專案名稱：BT & Wi-Fi Antenna Test Report Reference | | |

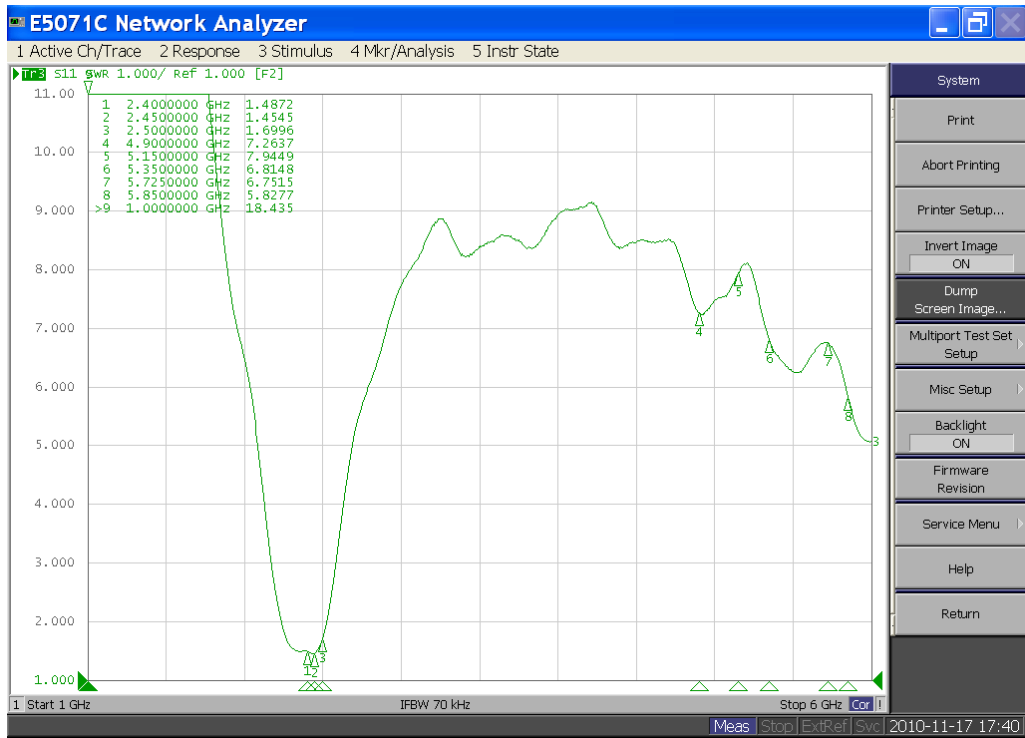
BT Antenna Return Loss :



| |
|-----------------|
| 測試日期：2010/11/18 |
| PART No. : |
| VSO P/No. : |

| | | |
|-----------------------------------------------|-------|---------|
| 專案編號： | 客戶：精英 | 機種：A102 |
| 專案名稱：BT & Wi-Fi Antenna Test Report Reference | | |

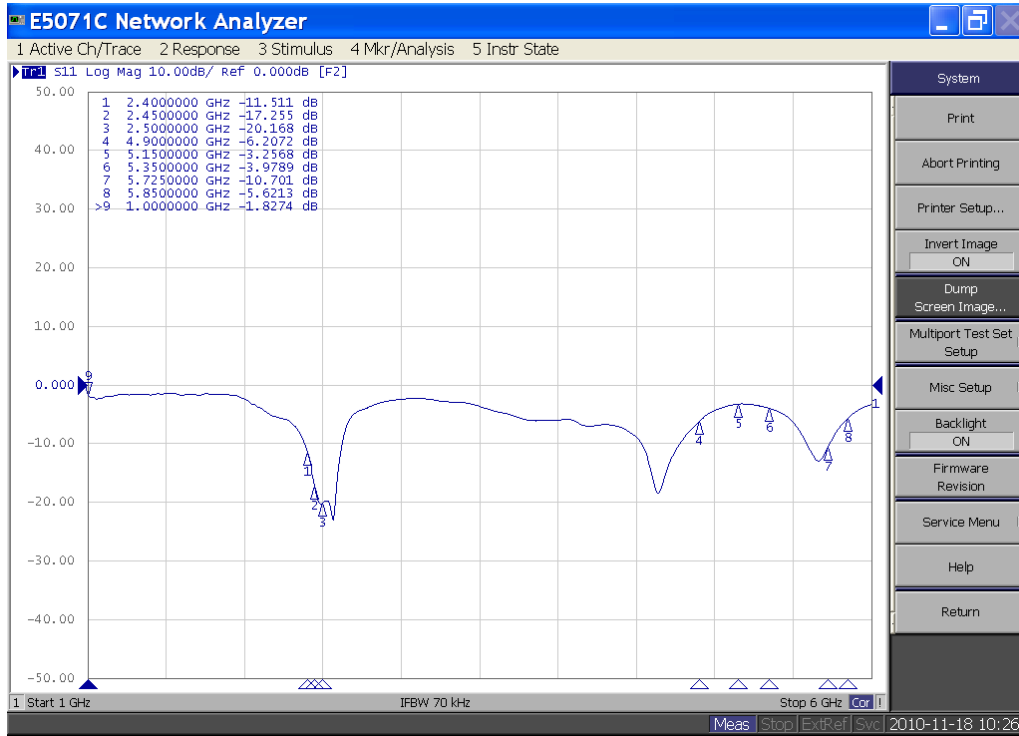
BT Antenna V.S.W.R.:



| |
|-----------------|
| 測試日期：2010/11/18 |
| PART No. : |
| VSO P/No. : |

| | | |
|-----------------------------------------------|-------|---------|
| 專案編號： | 客戶：精英 | 機種：A102 |
| 專案名稱：BT & Wi-Fi Antenna Test Report Reference | | |

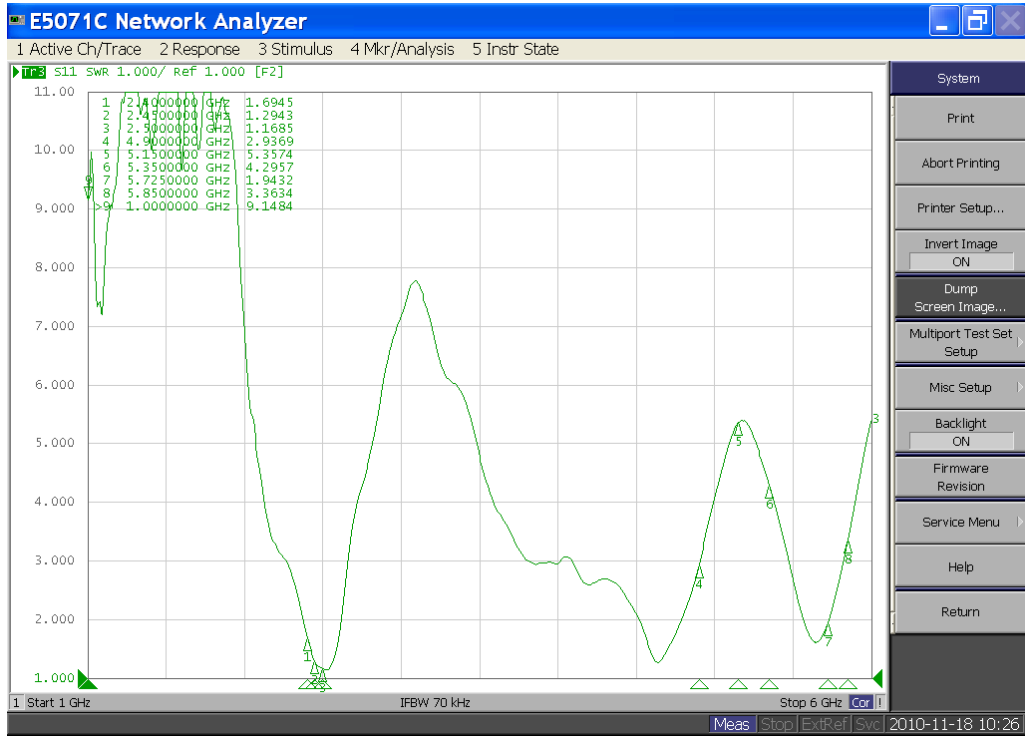
Wi-Fi Antenna Return Loss :



| |
|-----------------|
| 測試日期：2010/11/18 |
| PART No. : |
| VSO P/No. : |

| | | |
|-----------------------------------------------|-------|---------|
| 專案編號： | 客戶：精英 | 機種：A102 |
| 專案名稱：BT & Wi-Fi Antenna Test Report Reference | | |

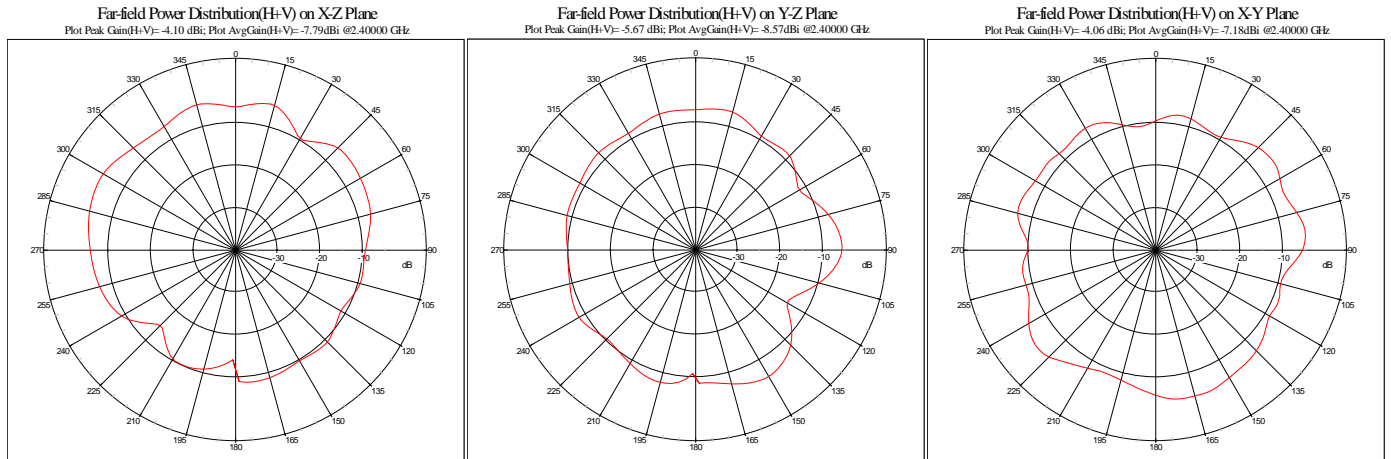
Wi-Fi Antenna V.S.W.R.:



| |
|-----------------|
| 測試日期：2010/11/18 |
| PART No. : |
| VSO P/No. : |

| | | |
|-----------------------------------------------|-------|---------|
| 專案編號： | 客戶：精英 | 機種：A102 |
| 專案名稱：BT & Wi-Fi Antenna Test Report Reference | | |

Frequency : 2400 MHz (BT Antenna)

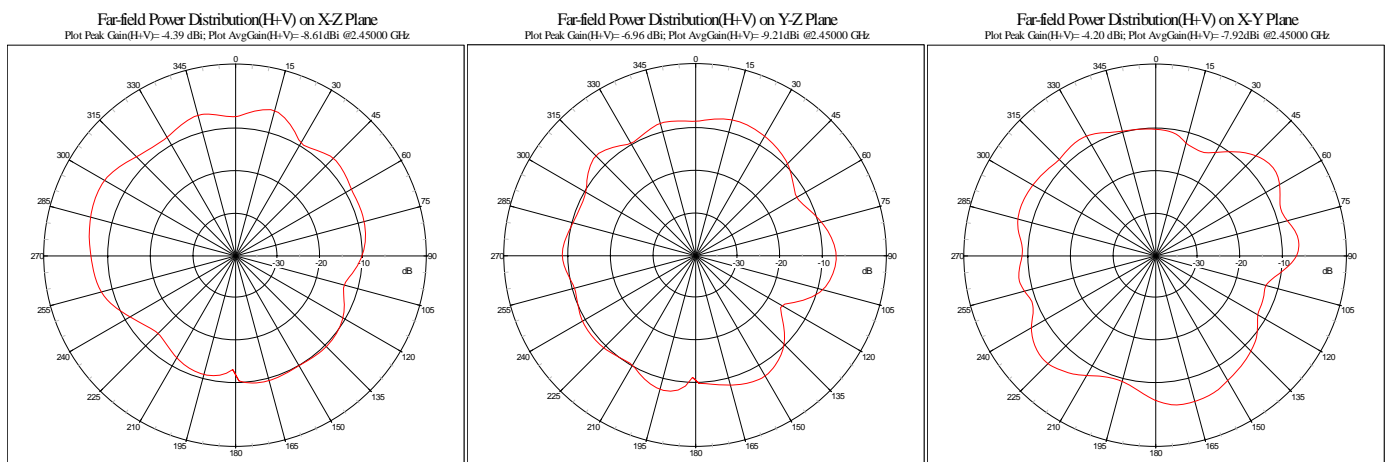


X-Z Plane

Y-Z Plane

X-Y Plane

Frequency : 2450 MHz (BT Antenna)



X-Z Plane

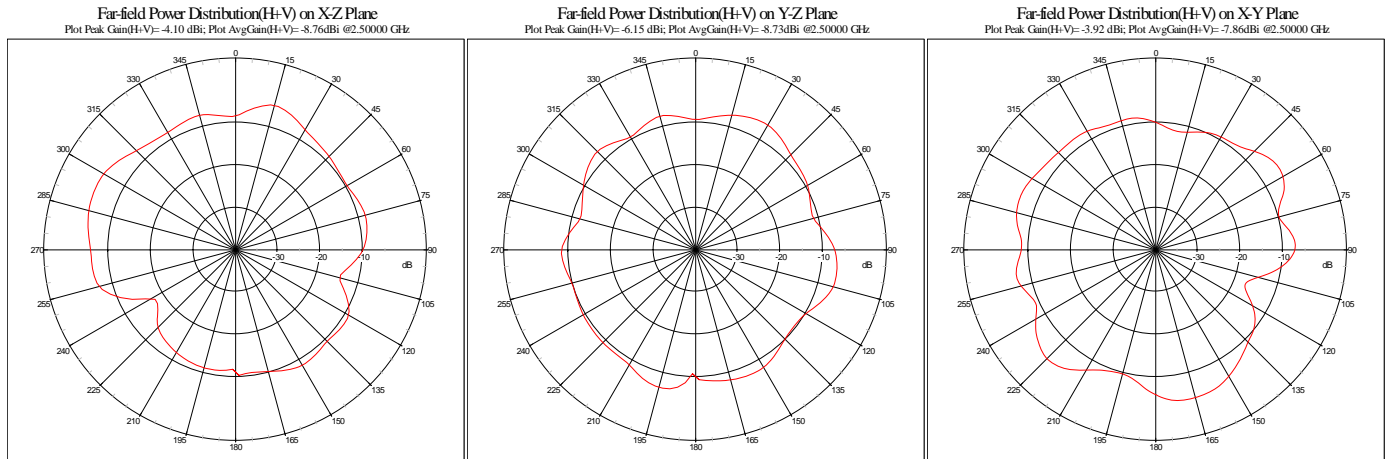
Y-Z Plane

X-Y Plane

| |
|-----------------|
| 測試日期：2010/11/18 |
| PART No. : |
| VSO P/No. : |

| | | |
|-----------------------------------------------|-------|---------|
| 專案編號： | 客戶：精英 | 機種：A102 |
| 專案名稱：BT & Wi-Fi Antenna Test Report Reference | | |

Frequency : 2500 MHz (BT Antenna)



X-Z Plane

Y-Z Plane

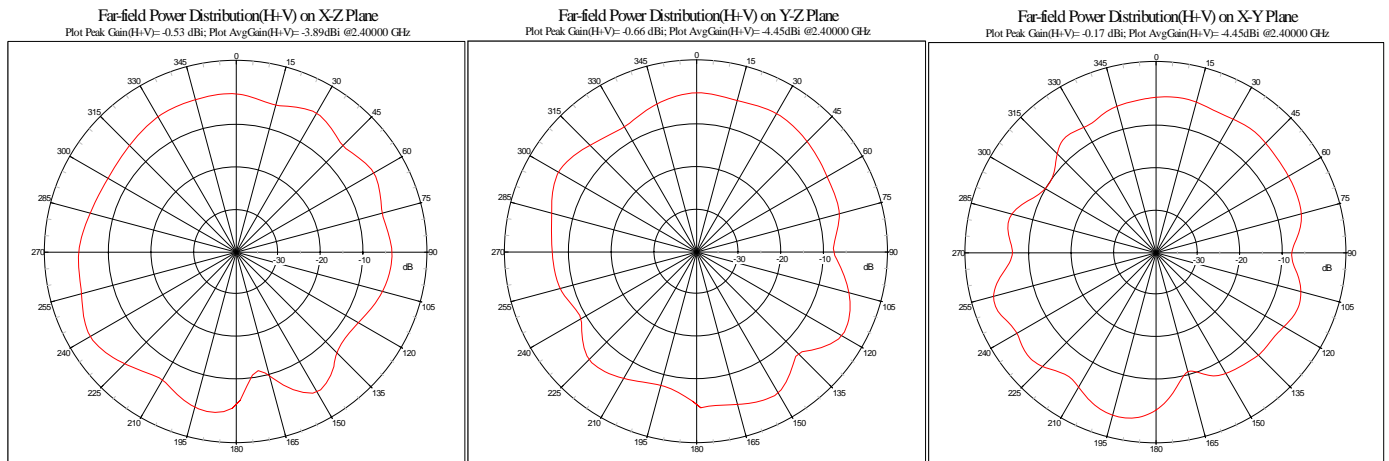
X-Y Plane

| Frequency (MHz) | Peak Gain (dBi) | Average Gain (dBi) | Efficiency(%) |
|-----------------|-----------------|--------------------|---------------|
| 2400 | -1.2 | -5.9 | 25.7 |
| 2450 | -1.8 | -6.1 | 24.3 |
| 2500 | -2.3 | -6.2 | 24.0 |

| |
|-----------------|
| 測試日期：2010/11/18 |
| PART No. : |
| VSO P/No. : |

| | | |
|-----------------------------------------------|-------|---------|
| 專案編號： | 客戶：精英 | 機種：A102 |
| 專案名稱：BT & Wi-Fi Antenna Test Report Reference | | |

Frequency : 2400 MHz (Wi-Fi Antenna)

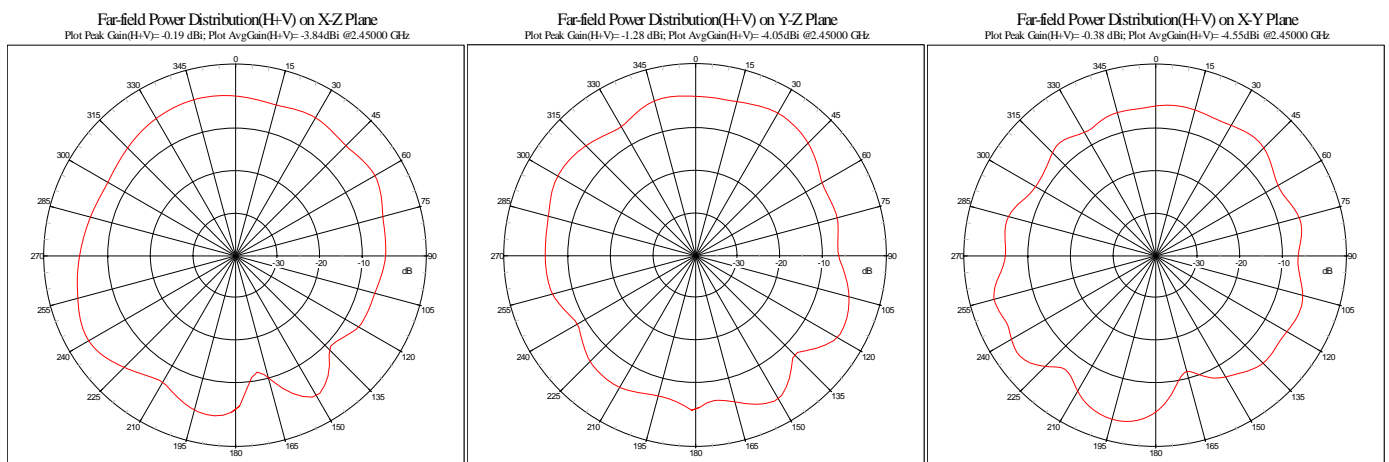


X-Z Plane

Y-Z Plane

X-Y Plane

Frequency : 2450 MHz (Wi-Fi Antenna)



X-Z Plane

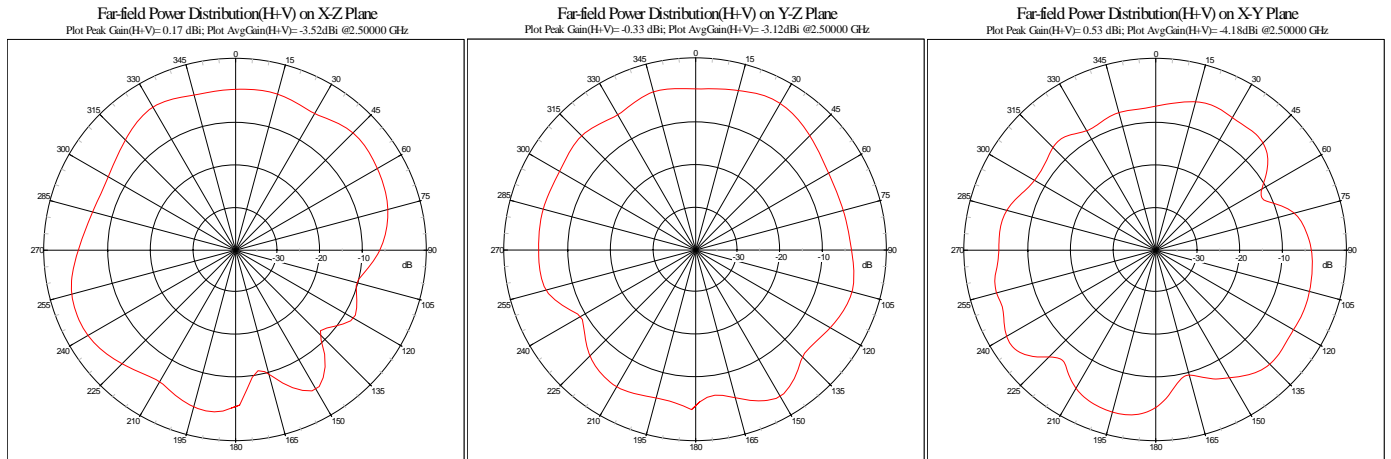
Y-Z Plane

X-Y Plane

| |
|-----------------|
| 測試日期：2010/11/18 |
| PART No. : |
| VSO P/No. : |

| | | |
|-----------------------------------------------|-------|---------|
| 專案編號： | 客戶：精英 | 機種：A102 |
| 專案名稱：BT & Wi-Fi Antenna Test Report Reference | | |

Frequency : 2500 MHz (Wi-Fi Antenna)



X-Z Plane

Y-Z Plane

X-Y Plane

| Frequency (MHz) | Peak Gain (dBi) | Average Gain (dBi) | Efficiency (%) |
|-----------------|-----------------|--------------------|----------------|
| 2400 | 2.3 | -3.6 | 43.3 |
| 2450 | 2.9 | -3.3 | 46.3 |
| 2500 | 3.2 | -2.6 | 55.2 |

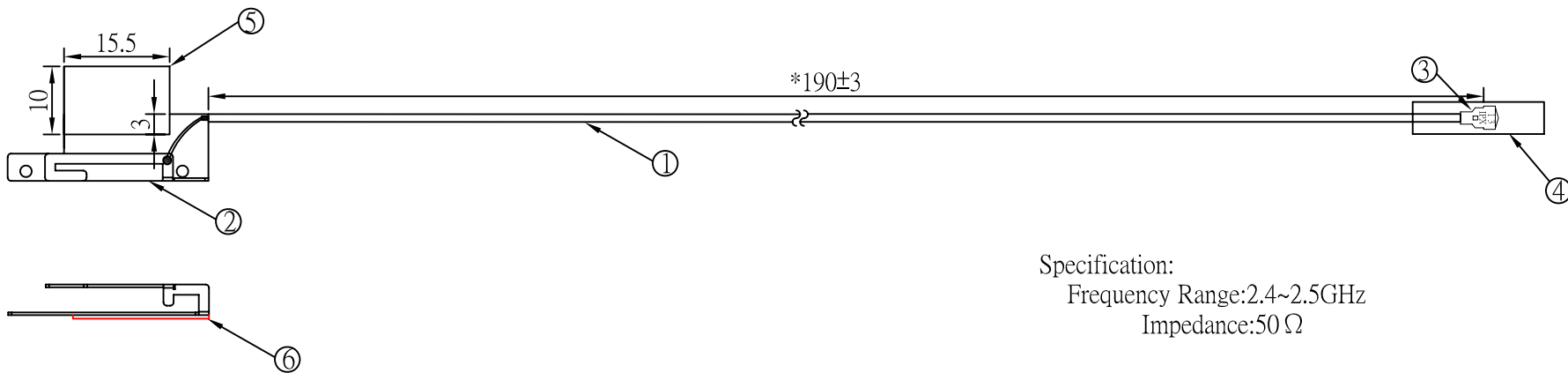
DRAW ID
CD

THIS DRAWING IS CONTROLLED DOCUMENT
FOR VSO LTD IT IS SUBJECT TO CHANGE
AND THE CONTROLLING ENGINEERING ORGANIZATION
SHOULD BE CONTACTED FOR THE LATEST REVISION

THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO
YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE
BY YOU TO OTHER THAN VSO LTD PERSONNEL WITHOUT WRITTEN
AUTHORIZATION FROM VSO LTD

| REVISION | | | |
|----------|--------------|----------|----------|
| REV. | DESCRIPTION | ECN NO. | DATE |
| X0 | NEW CREATION | N1006XXX | 10.11.08 |

注：带“*”为重点尺寸



Specification:
Frequency Range: 2.4~2.5GHz
Impedance: 50Ω

| ITEM | DESCRIPTION | QTY |
|------|-------------------------------------|------|
| ⑥ | 支援雙面膠 L20*W5*T0.5mm | 1PCS |
| ⑤ | 雙導銅箔 L15.5*W10mm,預斷15.5*3mm | 1PCS |
| ④ | TUBE ϕ 3.1*T0.3*L20mm,透明色 | 1PCS |
| ③ | CONNECTOR 152-301-13000019:MHF PLUG | 1PCS |
| ② | 鐵件 T0.3mm,洋白銅 | 1PCS |
| ① | CABLE ϕ 1.13mm CABLE,WHITE | 1PCS |

| RANGE | TOLERANCES |
|---------|------------|
| 0-8 | ± 0.1 |
| 8-25 | ± 0.15 |
| 25-80 | ± 0.2 |
| 80-250 | ± 0.3 |
| 250-800 | ± 0.6 |
| >800 | ± 1.0 |
| ⋮ | ⋮ |

RoHS
COMPLIANT

V SO

ELECTRIC CO., LTD.

| | |
|---------------------------|--------------------|
| CUST. P/N: 精英 (A102) | DRAW. : Eva |
| TITLE: BT-B Antenna | ENGIN. : |
| VSO P/N: 821-101-01210790 | CHECK. : |
| UNITS mm | DWG. NO. : GRF0853 |
| REV. X0 | APPR. : |

4

3

2

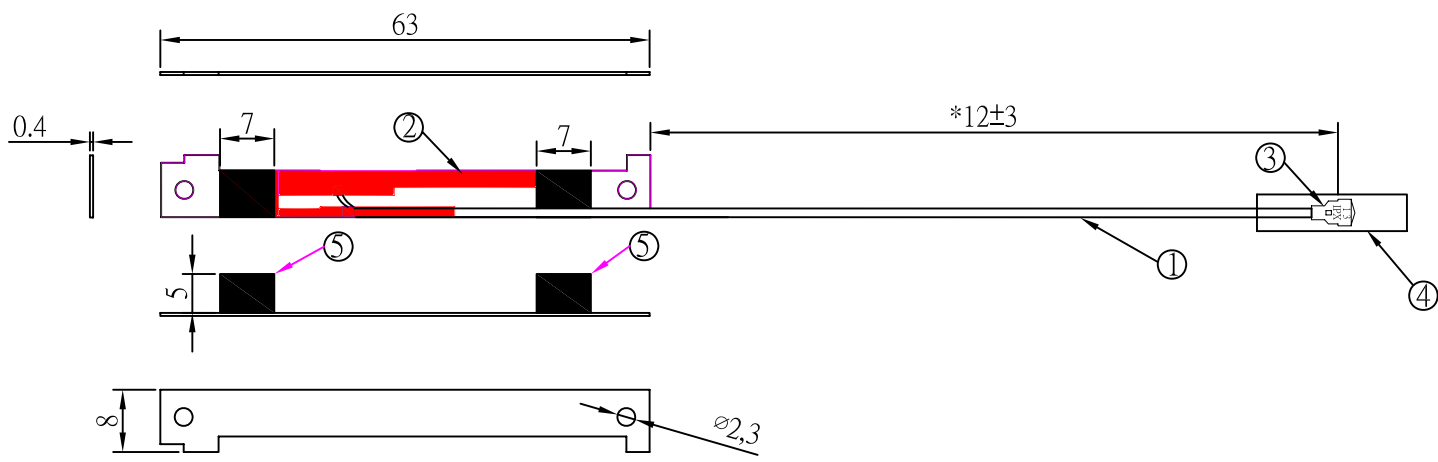
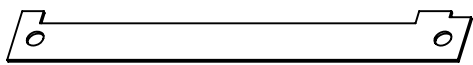
1

DRAW ID
CD

THIS DRAWING IS CONTROLLED DOCUMENT FOR VSO LTD IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION

THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN VSO LTD PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM VSO LTD

注：带“*”为重点尺寸



| REVISION | | | |
|----------|--------------|----------|----------|
| REV. | DESCRIPTION | ECN NO. | DATE |
| X0 | NEW CREATION | N1006XXX | 10.11.08 |

| ⑤ | 支撑双面胶 | L7*W6*H5mm | 2PCS |
|------|-------------|---------------------------|------|
| ④ | TUBE | ∅3.1*T0.3*L20mm,透明色 | 1PCS |
| ③ | CONNECTOR | 152-301-13000019:MHF PLUG | 1PCS |
| ② | PCB | GPB0166:T0.4mm,FR-4,单面 | 1PCS |
| ① | CABLE | ∅1.13mm CABLE,BLACK | 1PCS |
| ITEM | DESCRIPTION | | QTY |

| RANGE | TOLERANCES |
|---------|------------|
| 0-8 | ±0.1 |
| 8-25 | ±0.15 |
| 25-80 | ±0.2 |
| 80-250 | ±0.3 |
| 250-800 | ±0.6 |
| >800 | ±1.0 |
| ∅ | ∅ |

RoHS
COMPLIANT

V SO

ELECTRIC CO., LTD.

| | | | |
|---------------------------|-------------------|------------|--------|
| CUST. P/N: 精英(A102) | | DRAW.: Eva | |
| TITLE: WLAN-R Antenna | | ENGIN.: | |
| VSO P/N: 821-103-01211820 | | CHECK.: | |
| UNITS mm | DWG. NO.: GRF0854 | REV. X0 | APPR.: |

4

3

2

1