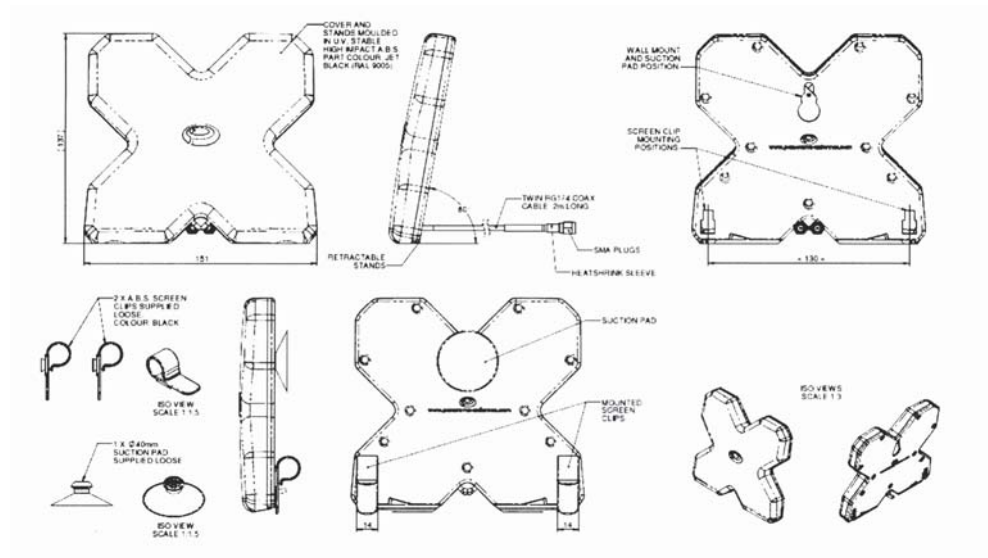


# MC0114520 LTE Mobile Antenna

**Portable MIMO Antenna 689-960/1710-2700 MHz**

**LTE/GSM/ISM/UMTS/WLAN**



## Electrical Data

|                       |                     |
|-----------------------|---------------------|
| Frequency Range (MHz) | 698-960 / 1710-2700 |
| Operational Band      | 2G / 3G / 4G        |
| VSWR                  | < 2.5:1             |
| Gain (all bands)      | > 2dBi              |
| Radiations Pattern    | Omni-directional    |
| Impedance             | 50Ω                 |
| Max Input Power       | 20 W                |



## Mechanical Data

|                     |                                       |
|---------------------|---------------------------------------|
| Dimensions (mm)     | Height 137 (5.4") / Width 151 (5.94") |
| Operating Temp (°C) | -40° / +80°C (-40° / 180°F)           |
| Material            | UV Stable ABS                         |
| Colour              | RAL 9005 (Jet Black)                  |



## Mounting Data

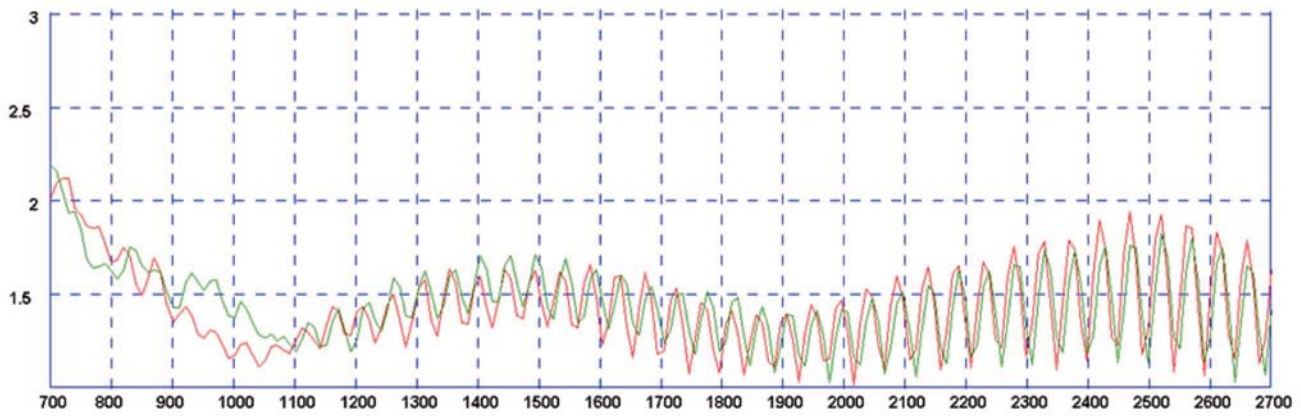
|        |                                       |
|--------|---------------------------------------|
| Fixing | Desk mount, Screen clip, Window mount |
|--------|---------------------------------------|

## Cable Data

|               |             |
|---------------|-------------|
| Type          | 2x RG174    |
| Diameter (mm) | 2.8 (0.11") |
| Length (m)    | 2 (6.56")   |
| Termination   | 2x SMA male |

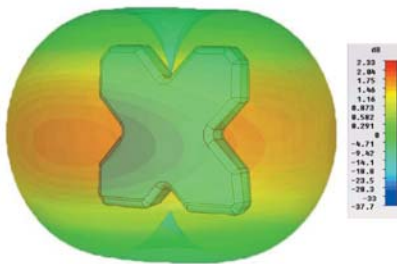
# MC0114520 LTE Mobile Antenna

Typical VSWR Elements 1 & 2

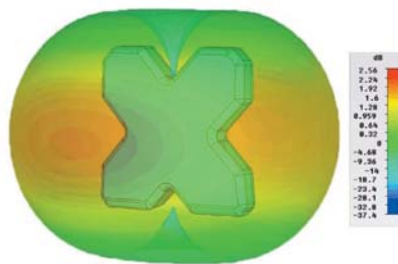


\*VSWR measured with 2m of cable

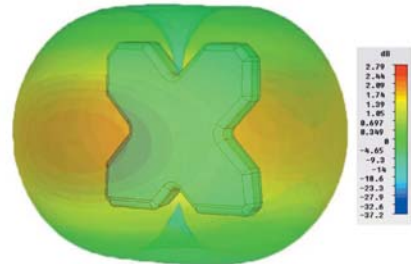
3D Gain Plot (750MHz)



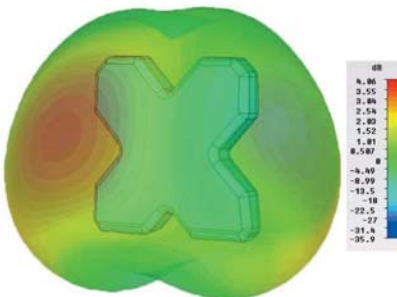
3D Gain Plot (850MHz)



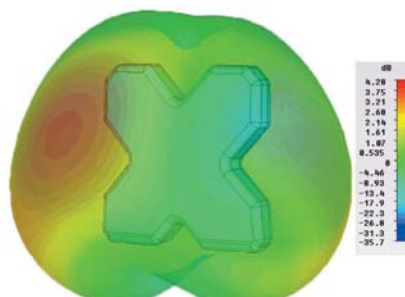
3D Gain Plot (950MHz)



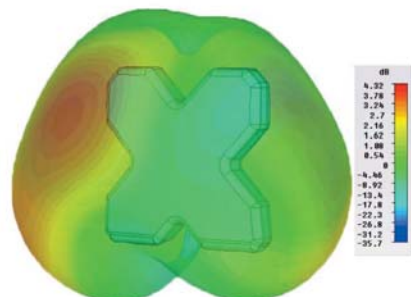
3D Gain Plot (1800MHz)



3D Gain Plot (1900MHz)



3D Gain Plot (2100MHz)



3D Gain Plot (2600MHz)

