

# AO100/4G

## Wideband LTE/4G Wall Mount Antenna



### DESCRIPTION

Wideband GSM, 3G and LTE (4G) co-linear outdoor, wall mounted antenna

### APPLICATION

*LTE700*  
*LTE800*  
*GSM850*  
*GSM900*  
*DCS1800 – LTE1700*  
*PCS1900*  
*UMTS 2100*  
*LTE2300, 2500, 2600*

### KEY FEATURES

#### Electrical Data

**Frequency:** GSM: 824 – 960/900MHz  
PCN: 1710 – 1880MHz  
DCS: 1850 – 1990MHz  
UMTS: 2.1GHz  
LTE (4G): 700-2600MHz

**Gain:** ~2dBi

**VSWR:** Less than 2:1 in all bands

**Impedance:** 50Ω

**Polarization:** Vertical

#### Physical Data

**Gross Dimensions:** 380x36x145mm (inc. Base)  
Tube dia. 16.5mm Black Abs

**Operating Temp:** -40 °C to +85 °C

**Cable Length:** Customer Specified: RG58

**Connectors:** Customer Specified: Nickel-plated  
brass crimped type

**FURTHER INFORMATION**

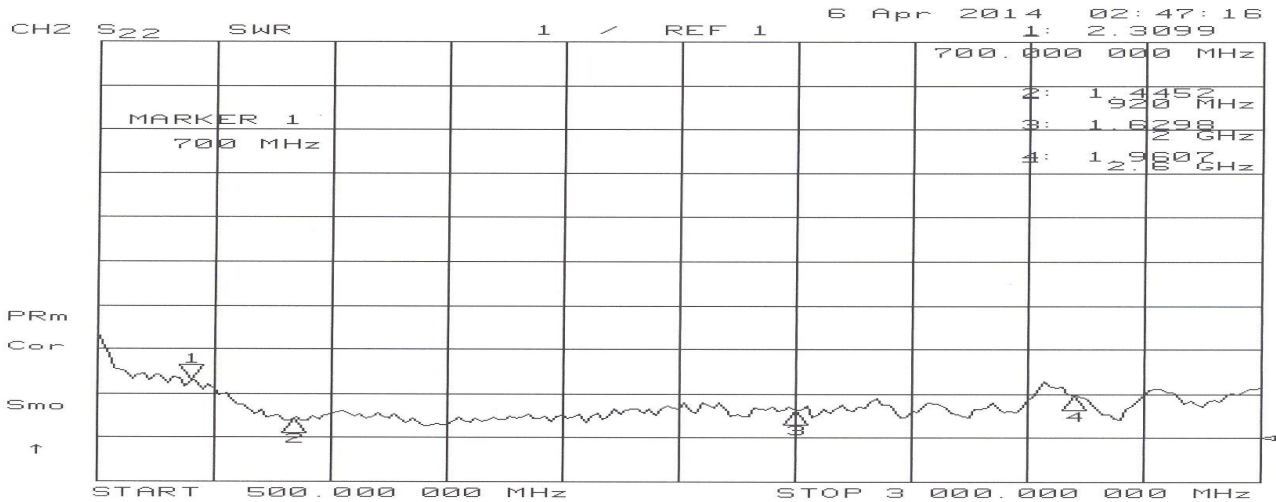


Figure 1 - VSWR

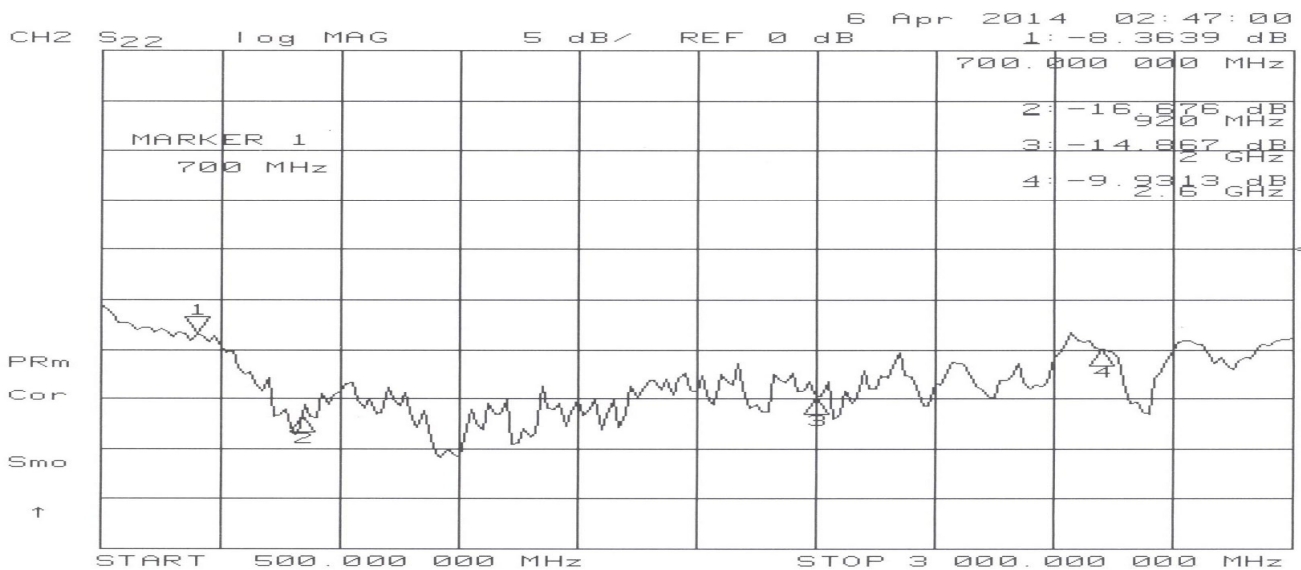
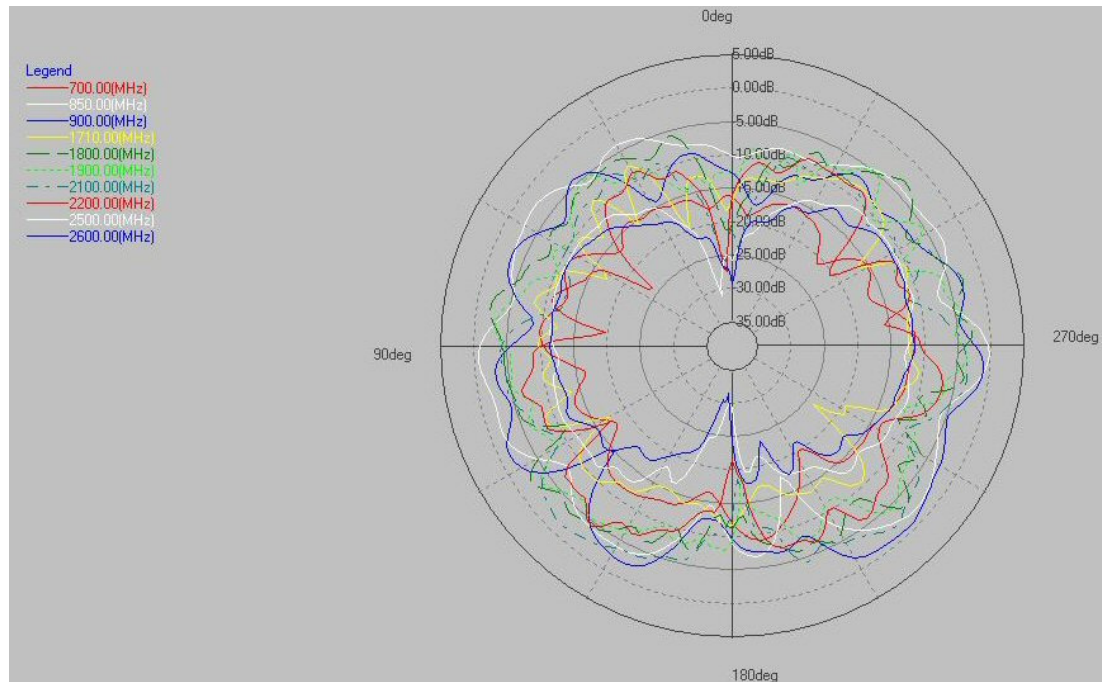
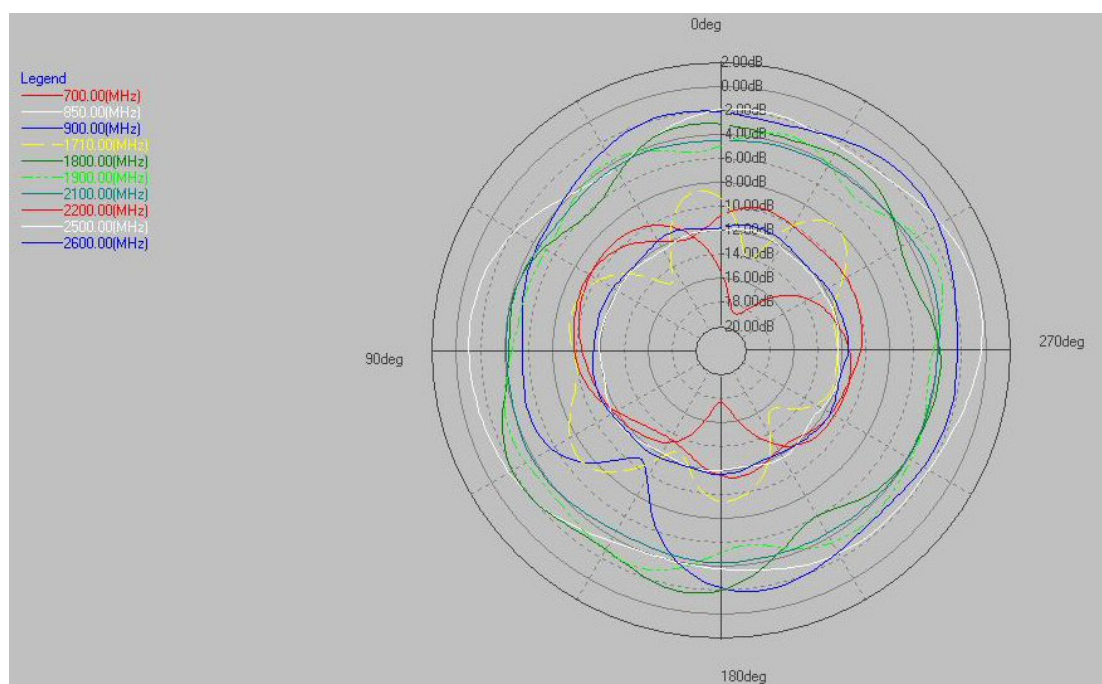


Figure 2 - Return Loss

*E-Plane*



*H - Plane*



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