



## Telefonia - Elettronica - Telecomunicazioni

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# DATA SHEET ANT3GLTEOM\_11 (Rev.1.1 – 10/12/2013)

## INTRODUCTION

### 1. GENERAL DESCRIPTION

Model No / Code	Type
ANT3GLTEOM_11	Stationary 11dbi

#### 1.1 Electrical Properties

Parameter	Description
Frequency Band	800/900/1800/1900/2170 MHz
Nominal Impedance	50 ohm
V.S.W.R	<1.5:1
Antenna Average Gain	11 dBi
POLARISATION	Vertical
POWER	50W

#### 1.2 Mechanical Properties

Parameter	Description
Antenna Type	Base Antenna
MATERIALS	Fiber Glass
COLOR	White
TOTAL HEIGHT	756m/m ±10



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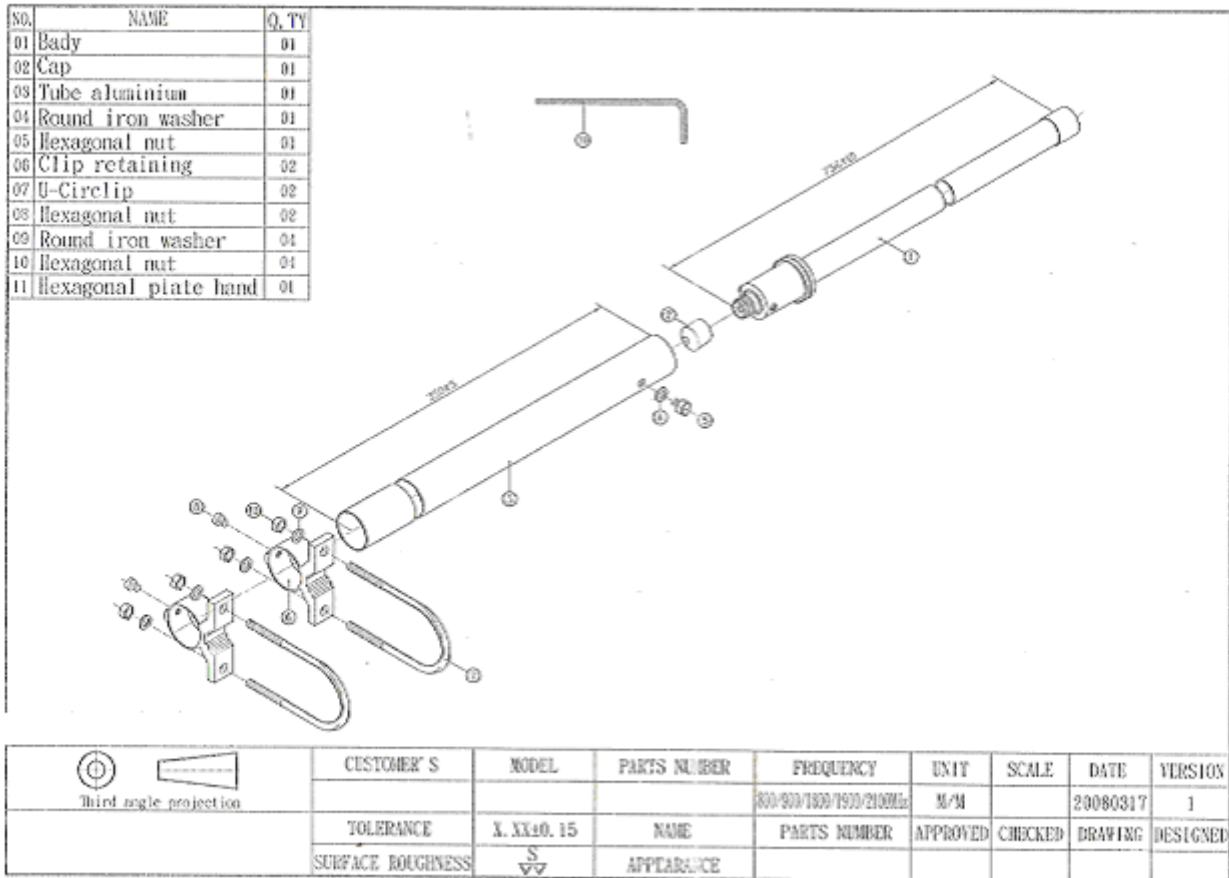
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Rev. 1.1 – 10/12/2013 – 1/4

## 2.Appearance





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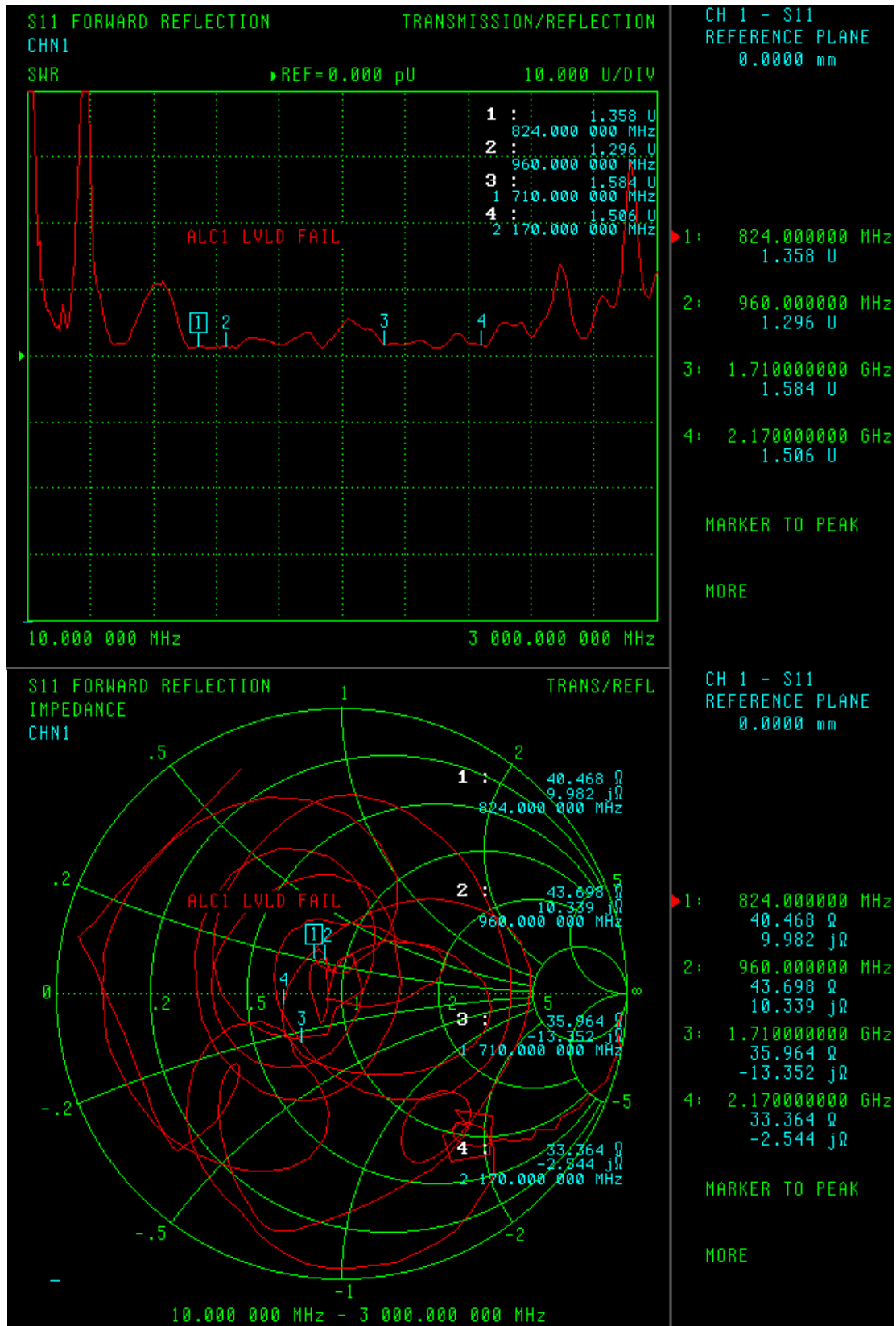
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Rev. 1.1 – 10/12/2013 – 2/4

## 3. Frequency Diagrams





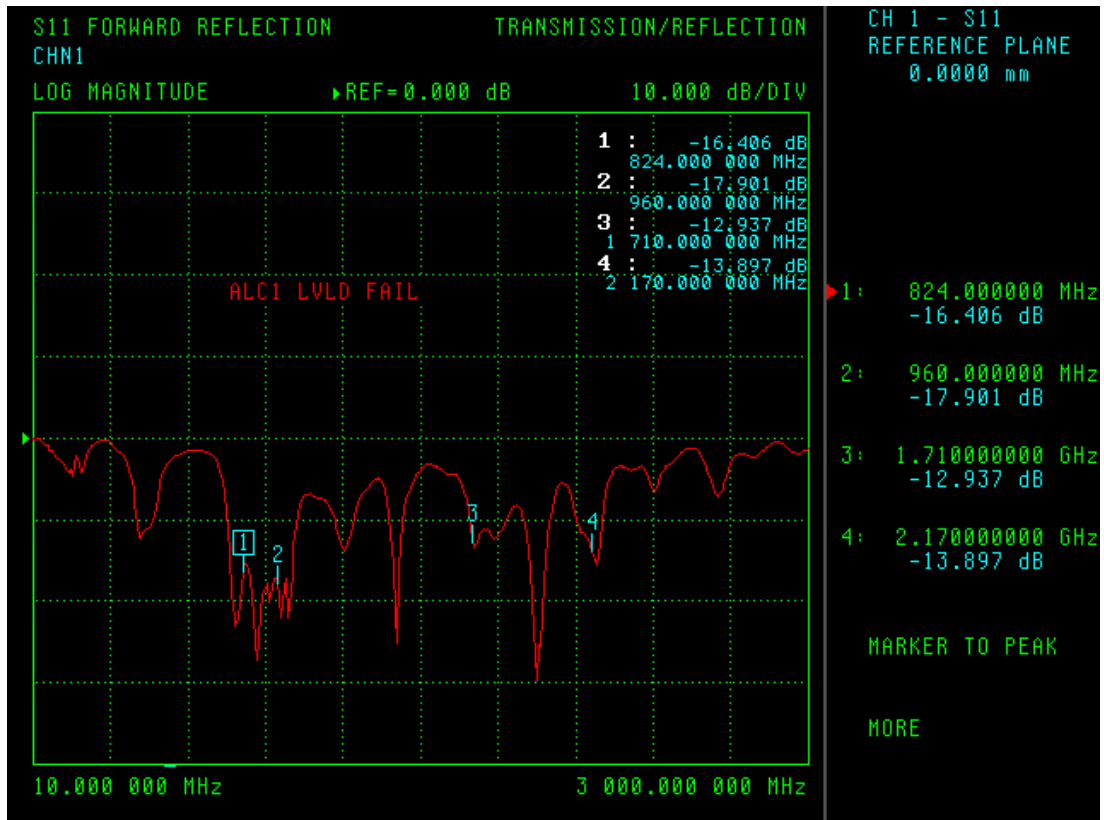
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Rev. 1.1 – 10/12/2013 – 3/4





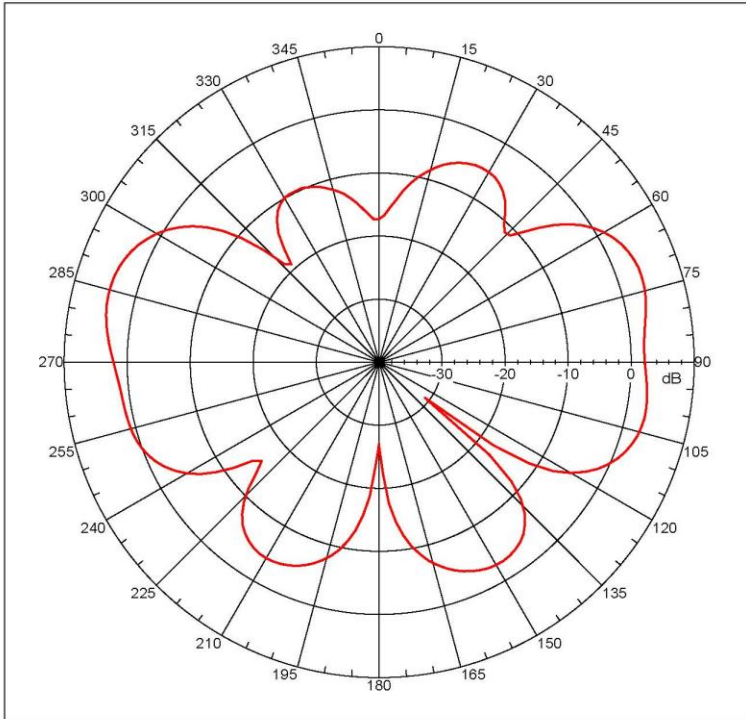
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Far-field amplitude of YG-16AA 800-2170MHZ E-PLANE06.nsi



```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = 4.26758 dBi
Max far-field (global) = -38.73176 dB, Max far-field (plot) =
-38.73181 dB
Normalization: Reference, Network offset = 0.000 dB
Hpeak at: -76.00001 deg, Vpeak at: 0.000 deg
Plot centering: On

YG-16AA-800-2170MHE 2007-6-7 E-PLANE

NSI2000 V4.0.124, Filename:C:\nsi2000\steven\MP-51 80MM\YG-16AA
800-2170MHE E-PLANE06.nsi
Measurement date/time: 6/7/2007 10:42:50 AM, Filetype: NSI-97
Far-field Cut Analysis:
Avg value: -3.212 dB
-3. dB beam width: 35.45 deg
-6. dB beam width: 59.33 deg
-10. dB beam width: 69.90 deg
Left Sidelobe: -8.40 dB at -149.832 deg
Right Sidelobe: -14.08 dB at -33.140 deg
Far-field display setup
Azimuth (deg)
Span = 360.00001 deg, Center = 0.000 deg, #pts = 181
Start = -180.00001 deg, Stop = 180.00001 deg, Delta = 2.000
deg
Elevation (deg)
Center = 0.000 deg, #pts = 1

Selected beam(s) 1 of 10
Beam Frequency Azimuth Elevation Pol
1 ---
1 0.824 GHz Azimuth Elevation Single-pol
```