

# **SPECIFICATION FOR APPROVAL**

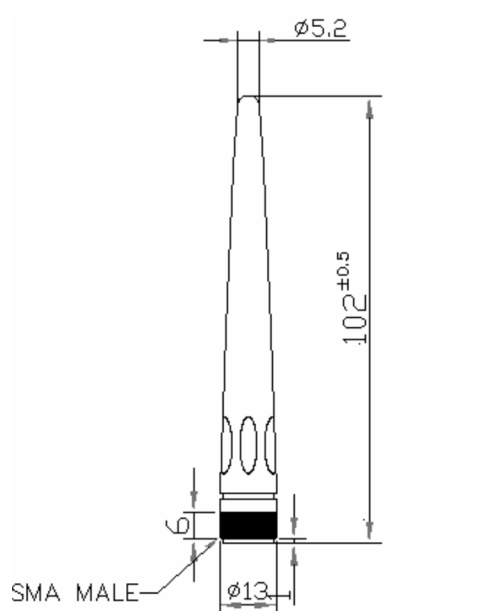
**Customer :**

**Model No. :** 5,7-RO-2

**Description :** 5.5 ~5.835GHz SWIVEL ANTENNA

**Date :** 2007/07/25

**Rev :** 1



### Electrical Specifications:

|                   |                        |
|-------------------|------------------------|
| Frequency Range : | 5.5~ 5.835 GHz         |
| VSWR :            | $\leq 2.0$             |
| Impedance :       | $50\Omega \pm 5\Omega$ |
| Gain :            | 5 dBi                  |
| Polarization :    | Vertical               |
| Power Handling :  | 1 Watt                 |
| Beam Width :      | H: 360° E: 32.2°       |

### Mechanical Specifications:

|                     |                          |
|---------------------|--------------------------|
| Connector :         | SMA Male                 |
| Operation Temp. :   | -30°C ~ +60°C            |
| Material :          | Radome: TPU<br>Base: ABS |
| Dimension (L*W*H) : | 102*13 mm                |
| Weight :            | 18g $\pm$ 2g             |
| Color :             | Black                    |

## **3D Illustration**

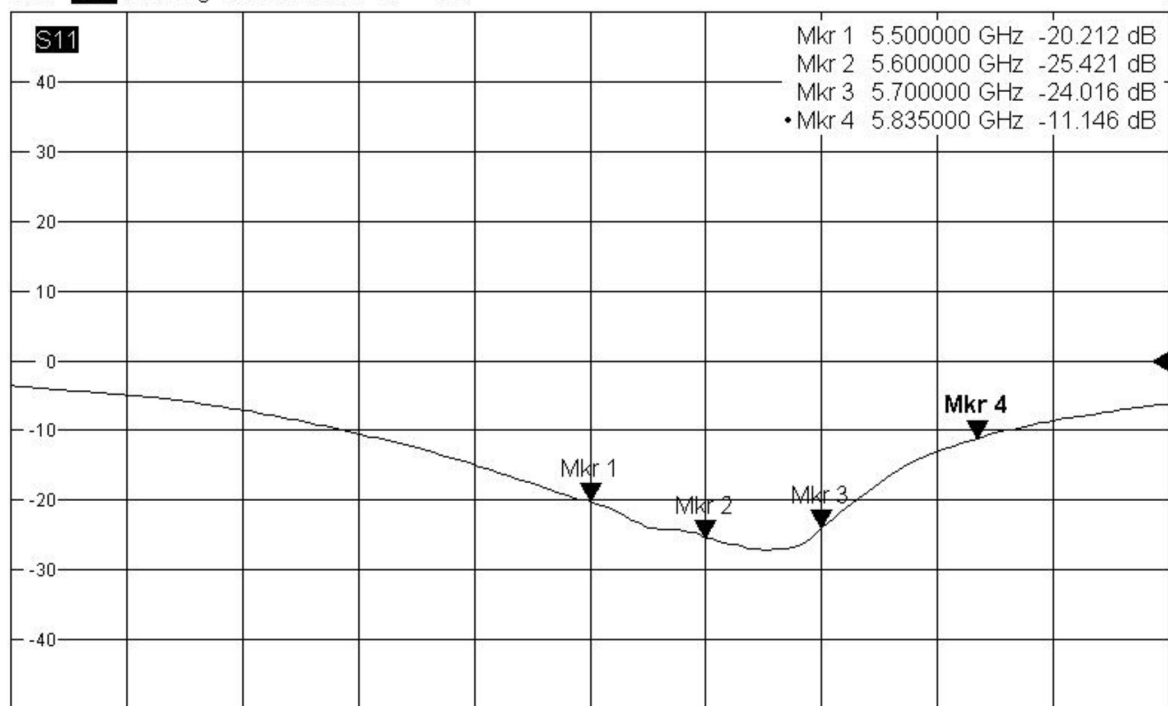


## RETURN LOSS



Trc1 **S11** dB Mag 10 dB / Ref 0 dB Cal

1



Ch1 Center 5.5 GHz

Pwr 0 dBm

Span 1 GHz

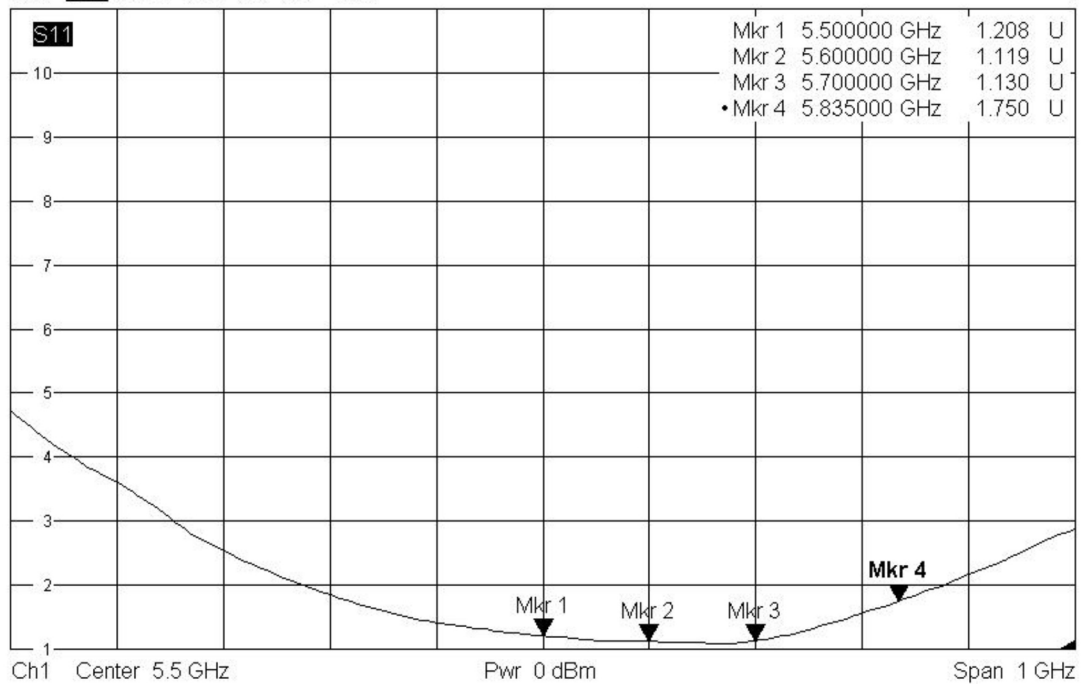
7/25/2007, 10:54 AM

## SWR

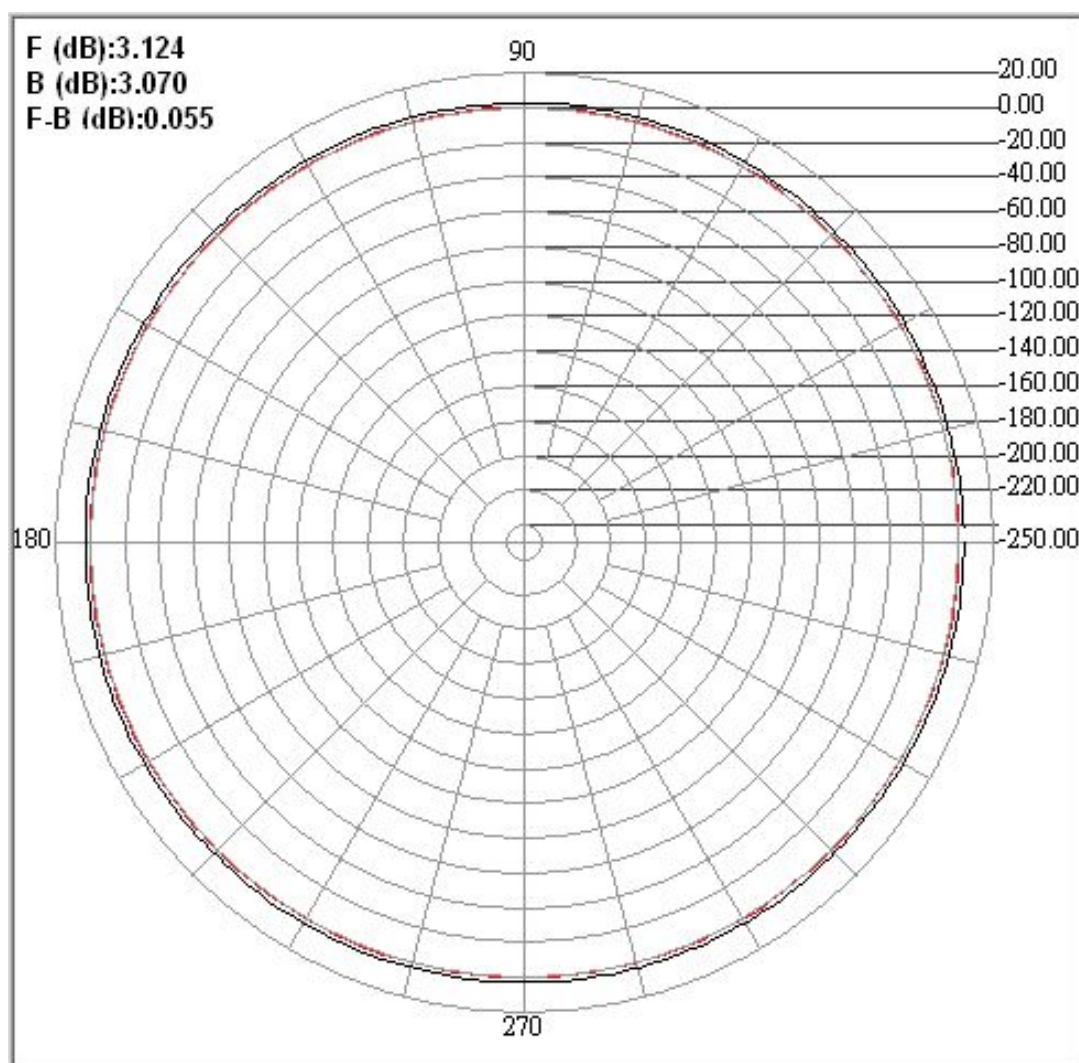


Trc1 **S11** SWR 1 U / Ref 1 U Cal

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## H-PLANE



## E-PLANE

