



WHA YU INDUSTRIAL CO., LTD. (HEAD OFFICE)  
TAI HWA ELECTRONIC CO., LTD.(CHINA)  
SHANGHAI HUA YU ELECTRONIC CO., LTD.(CHINA)  
AEON TECH CO., LTD. (CHINA)

## **SPECIFICATION FOR APPROVAL**

**CUSTOMER:** 友旺科技股份有限公司

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### **WHA YU GROUP**

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# **RF Antenna Cable Assembly**

## **Specification**

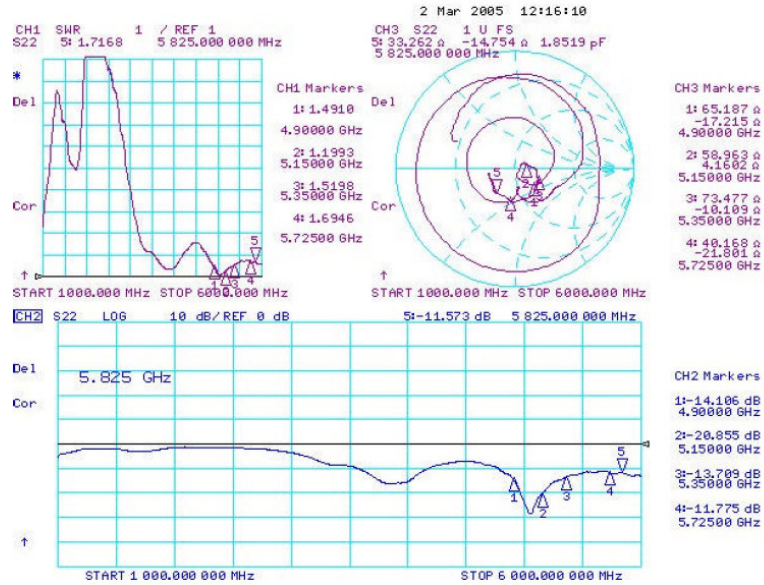
### **1. Electrical Properties :**

- 1.1 Frequency Range..... 4.9GHz ~ 5.825GHz
- 1.2 Impedance ..... 50 $\Omega$  Nominal
- 1.3 VSWR ..... 1.92 Max.
- 1.4 Return Loss..... -10 dB Maximum
- 1.5 Electrical Wave..... 1/2  $\lambda$  Dipole
- 1.6 Gain(peak)..... 4 dBi
- 1.7 Admitted Power..... 1W

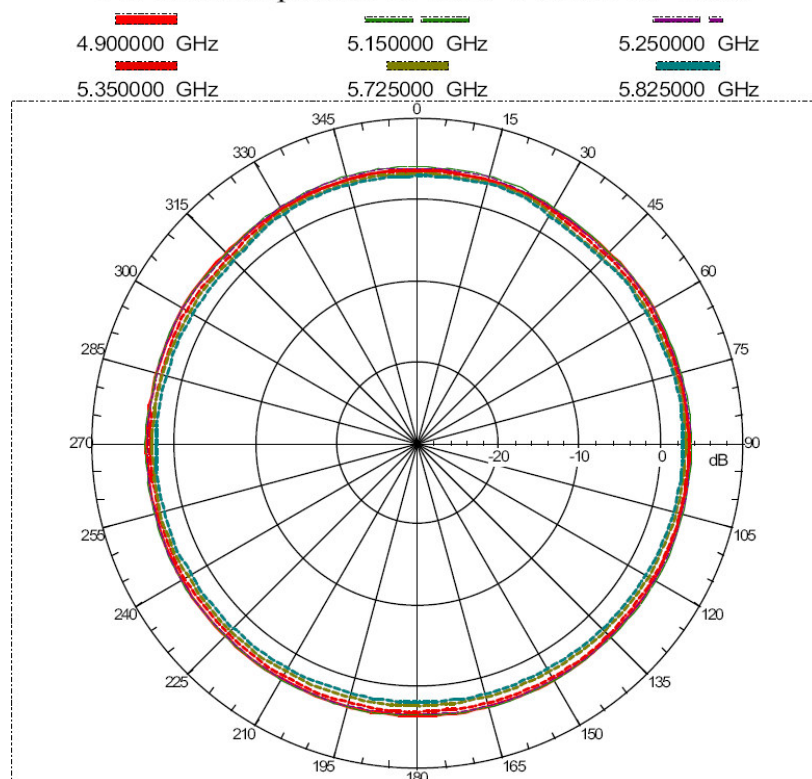
### **2. Physical Properties :**

- 2.1 Cable..... RG-178 Coaxial Cable
- 2.2 Antenna Cover..... TPE
- 2.3 Antenna Base..... PC
- 2.4 Operating Temp. .... -20°C ~ +65°C
- 2.5 Storage Temp. .... -30°C ~ +75°C
- 2.6 Color ..... Gray
- 2.7 Connector ..... SMA Straight Plug/Reverse

RF Antenna Assembly  
P/NO :C037-510585-A SPEC : 5 GHz



Far-field amplitude of C037-510585-A-V.nsi



Far-field amplitude of C037-510585-A-H.nsi

