



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

SPECIFICATION FOR APPROVAL

CUSTOMER: 合勤科技股份有限公司

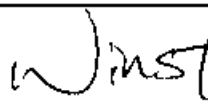
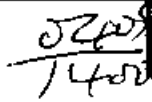
PART NAME: RF Antenna Assembly

PART NO.:

REVISION:

W. Y. P/NO.: C034-510626-A

REV.: X1

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :	 	
DATE :	 	

WHA YU GROUP

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RF Antenna Cable Assembly

Specification

1. Electrical Properties :

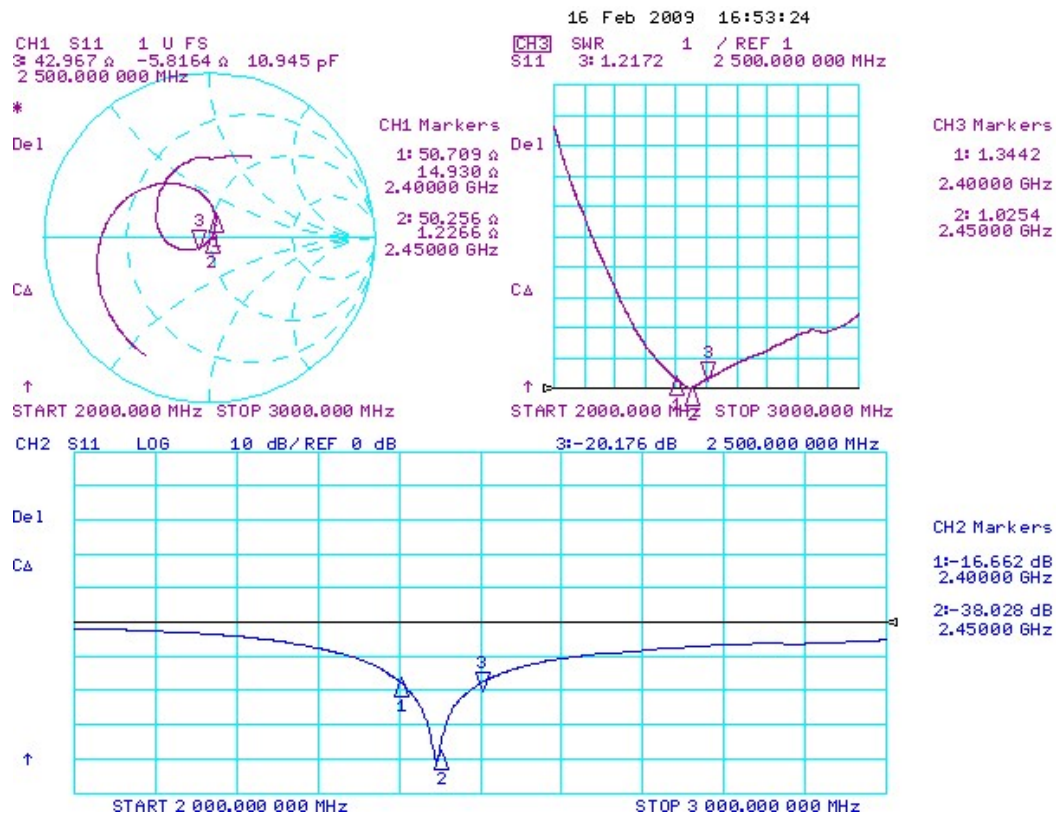
- 1.1 Frequency Range.....2.4GHz ~ 2.5GHz
- 1.2 Impedance 50Ω Nominal
- 1.3 VSWR1.92 Max.
- 1.4 Return Loss.....-10 dB Maximum
- 1.5 RadiationOmni-directional
- 1.6 Gain(peak).....1.88dBi
- 1.7 Polarization.....Linear Vertical
- 1.8 Admitted Power..... 1W

2. Physical Properties :

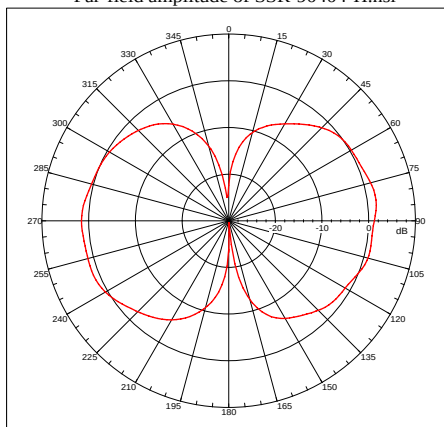
- 2.1 Cable.....RG-178 Coaxial Cable
- 2.2 Antenna Cover.....TPE
- 2.3 Antenna Base..... PC
- 2.4 Antenna Base..... PBT
- 2.5 Operating Temp.-20°C ~ +65°C
- 2.6 Storage Temp.-30°C ~ +75°C
- 2.7 ColorWhite
- 2.8 Connector.....SMA Plug Reverse

RF Antenna Assembly

P/NO : C034-510626-A(SSR-90404) SPEC : 2.4~2.5GHz

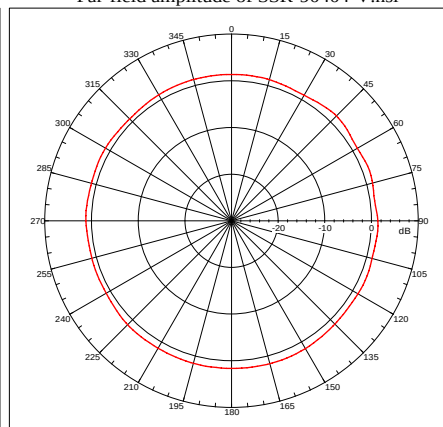


Far-field amplitude of SSR-90404-H.nsi



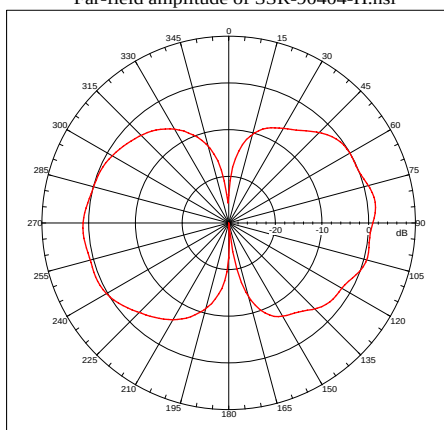
2.4GHz Gain = 1.84914 dBi

Far-field amplitude of SSR-90404-V.nsi



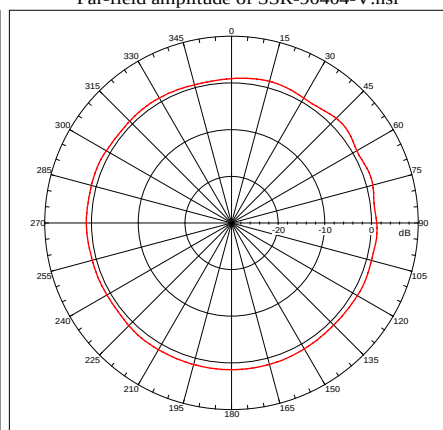
2.4GHz Gain = 1.76926 dBi

Far-field amplitude of SSR-90404-H.nsi



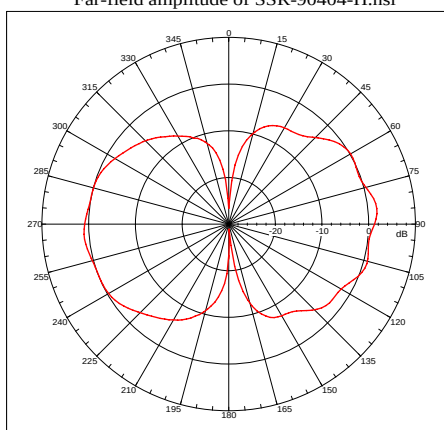
2.45GHz Gain = 1.66868 dBi

Far-field amplitude of SSR-90404-V.nsi



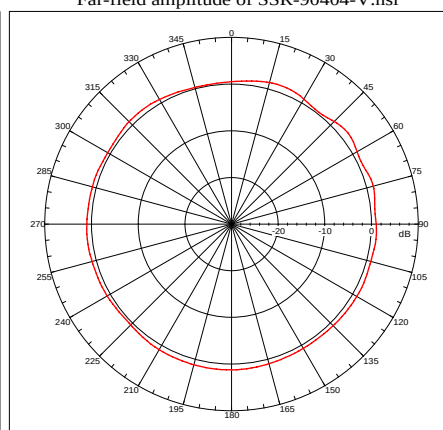
2.45GHz Gain = 1.85158 dBi

Far-field amplitude of SSR-90404-H.nsi



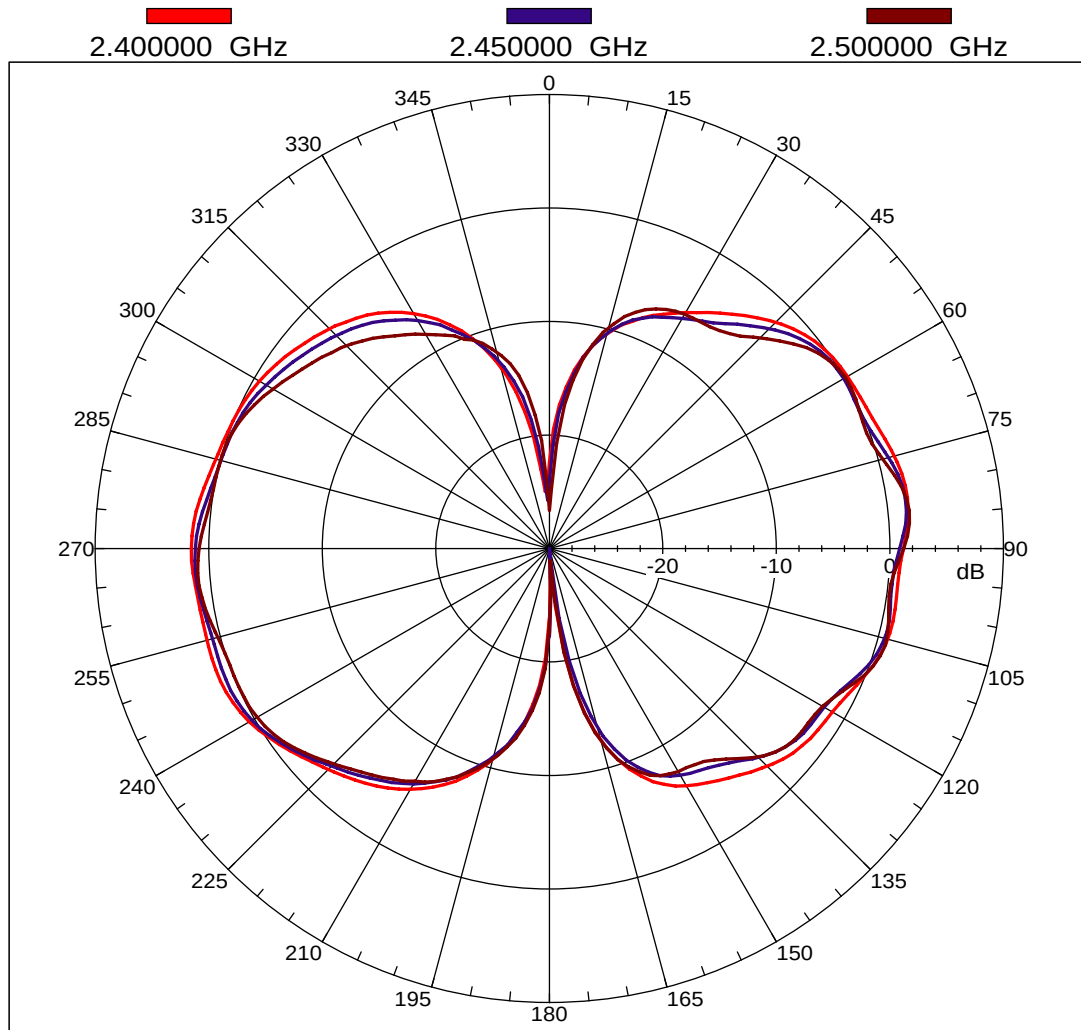
2.5GHz Gain = 1.87981 dBi

Far-field amplitude of SSR-90404-V.nsi



2.5GHz Gain = 1.66471 dBi

Far-field amplitude of SSR-90404-H.nsi



Far-field amplitude of SSR-90404-V.nsi

