

# APPROVAL SHEET (RoHS)

**CUSTOMER** : **Broadcom**  
**CUSTOMER'S PART NO.** :  
**DESCRIPTION** : **RF ANTENNA ASSEMBLY**  
**PART NO.** : **EDA-1410-6G0R2-A2-RT**  
**DATE** :  
**AUTHORIZED BY** : *Alvin Chen*

	<b>FULLY APPROVED</b>	<b>PARTIALLY APPROVED</b>	<b>REJECTED</b>
<b>SIGN</b>			
<b>SUGGESTION</b>			

美磊科技股份有限公司

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# Antenna Specification

## ELECTRICAL PROPERTIES

Frequency Range.....	2400-2500MHz/5150-5850MHz 5925-6325MHz/6350-6750MHz 6775-7125MHz
Impedance.....	50 Ohm Nominal
Return Loss.....	-10dB (Max)
Radiation.....	Omni-directional
Gain(peak).....	2400-2500MHz/5.65dBi 5150-5850MHz/5.94dBi 5875-7125MHz/6.87dBi
Polarization.....	Linear Vertical
Admitted Power.....	1W

## PHYSICAL PROPERTIES

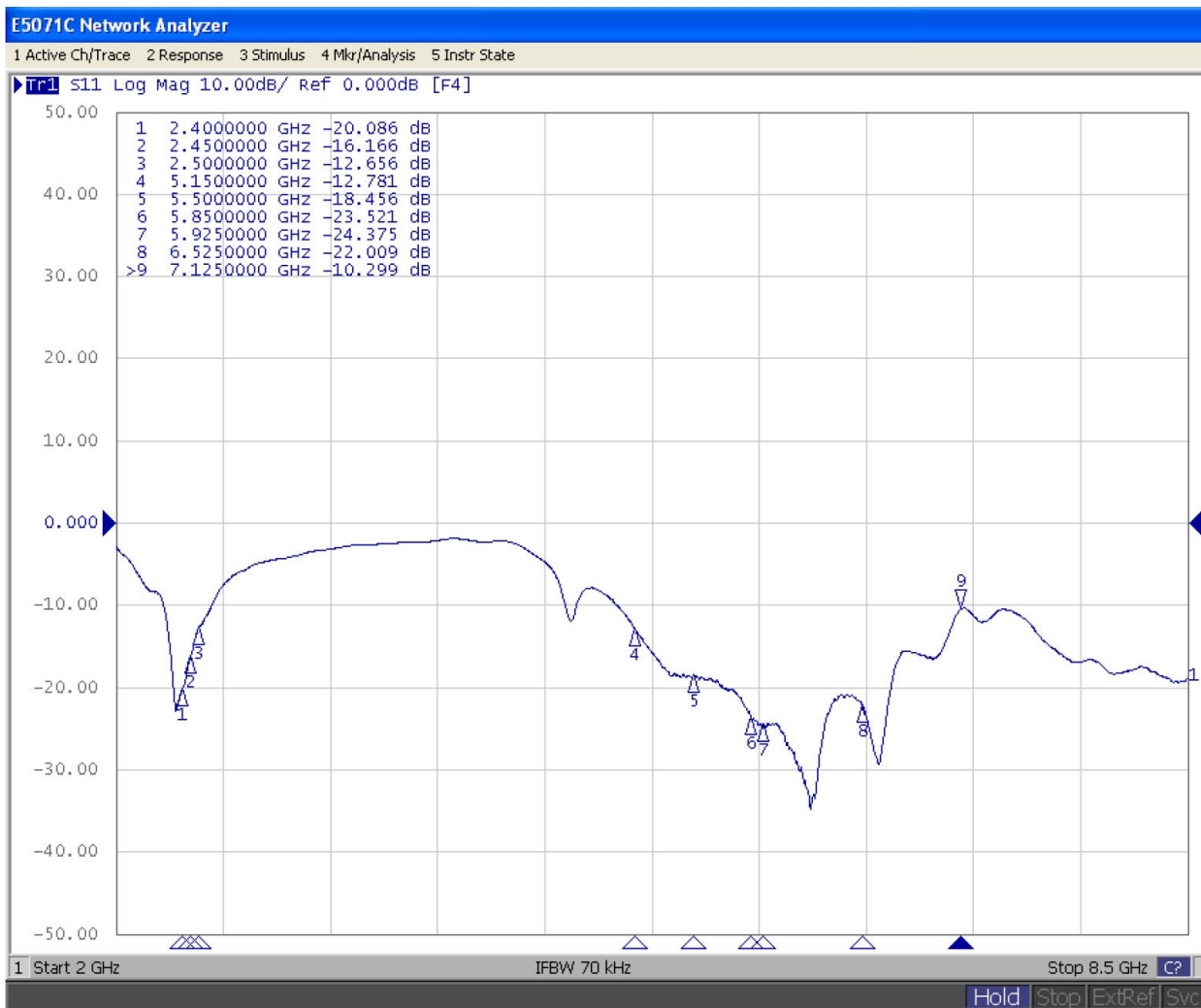
Cable.....	RG-178
Antenna Cover.....	ABS
Antenna Base.....	PC+PBT
Operating Temp.....	-20°C ~ +65°C
Storage Temp.....	-30°C ~ +75°C
Color.....	White



# Test Report

## ELECTRICAL CHARACTERISTICS

P/NO: EDA-1410-6G0R2-A2-RT

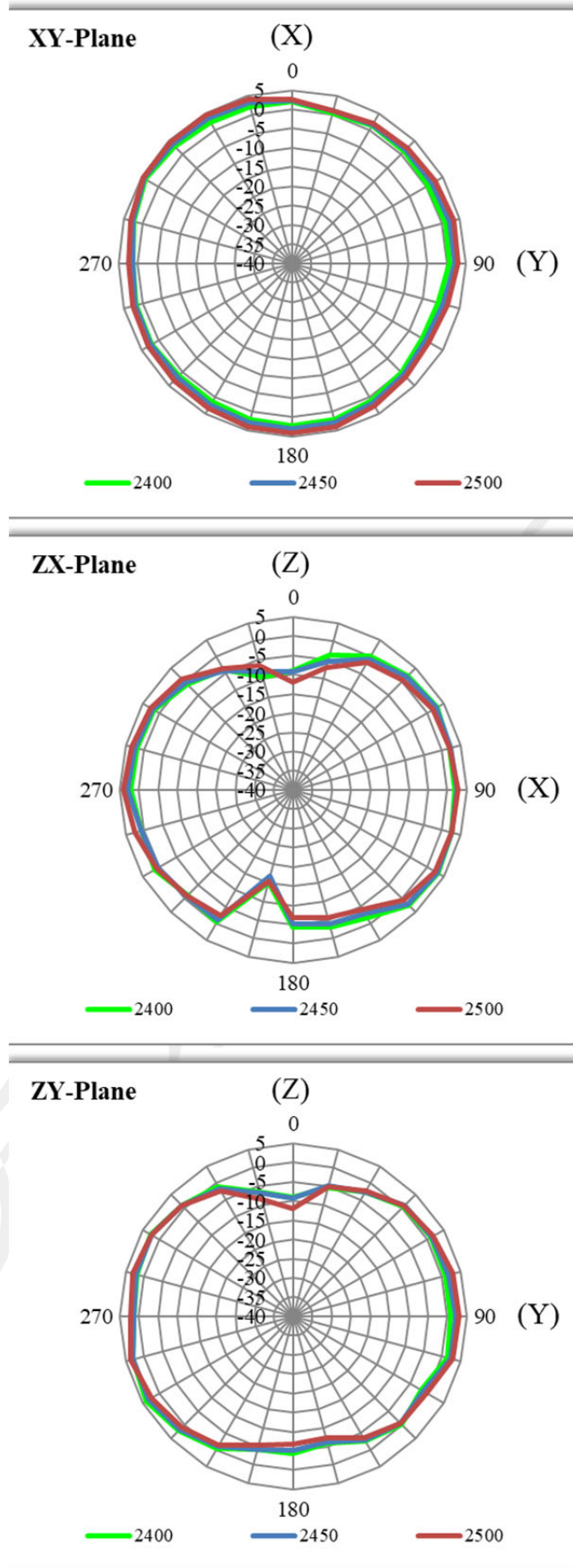


**Return Loss**  
**S11**

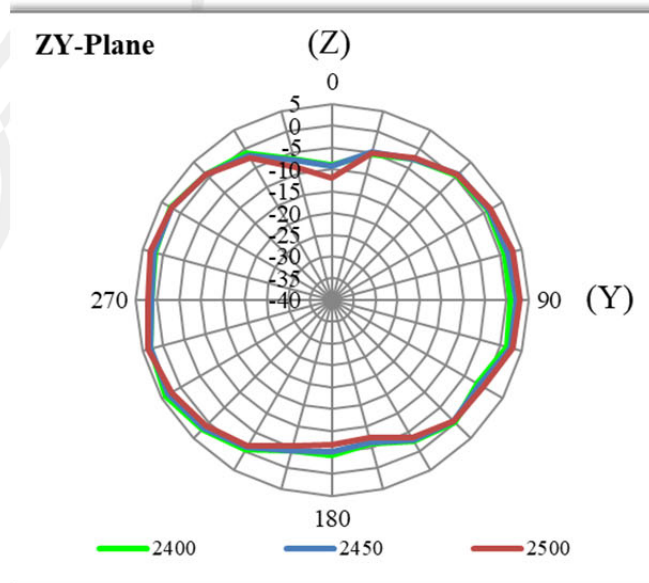
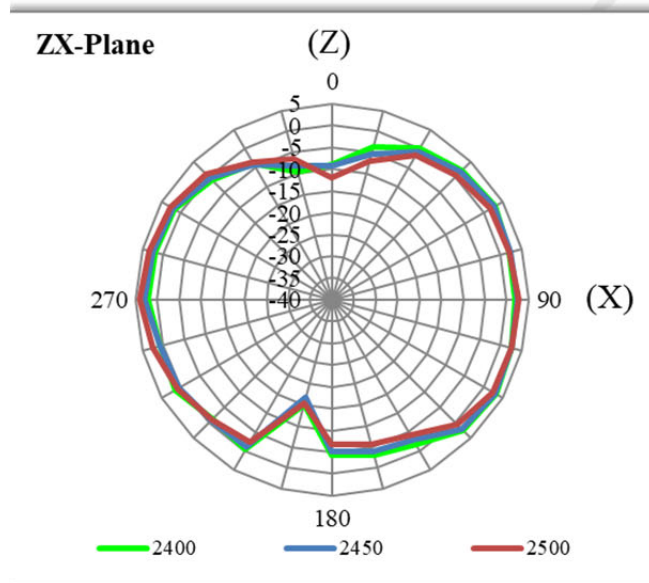
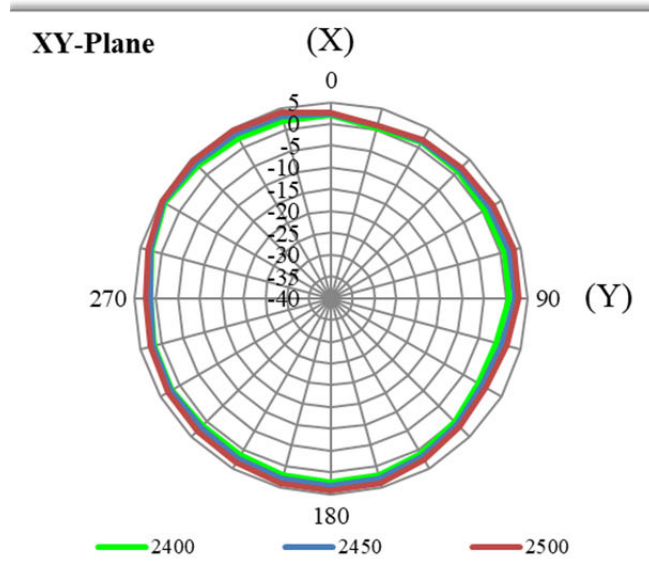


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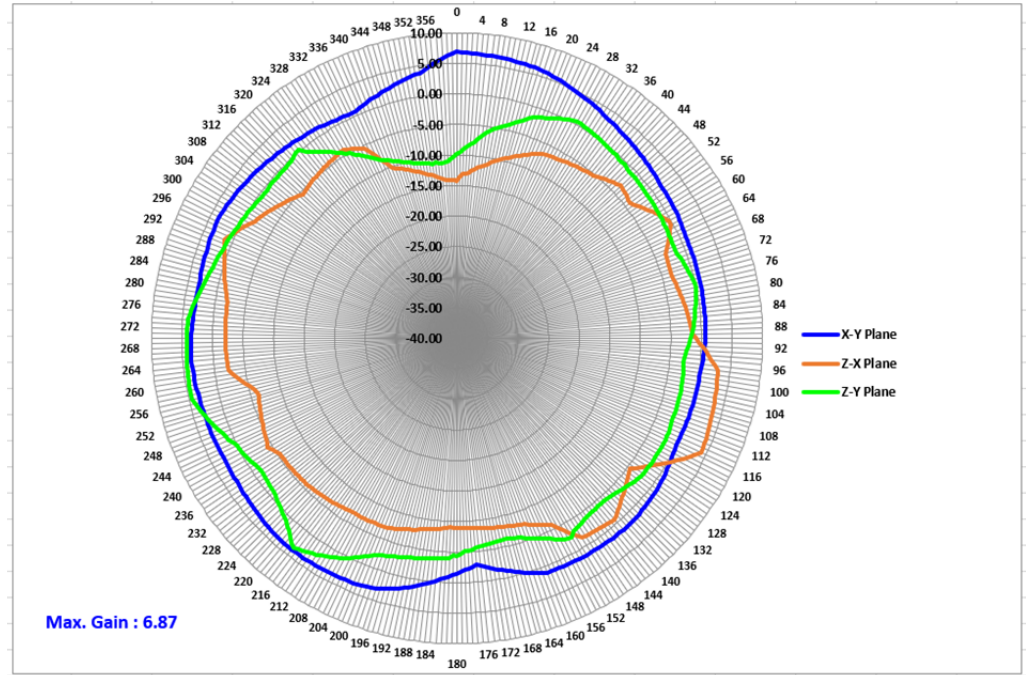
## 2D Gain Pattern \_@2G



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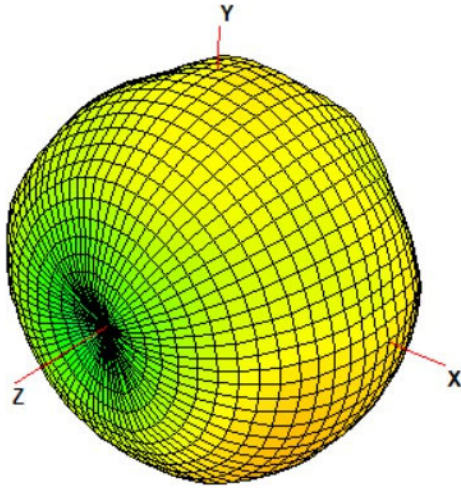


# 2D Gain Pattern @6G

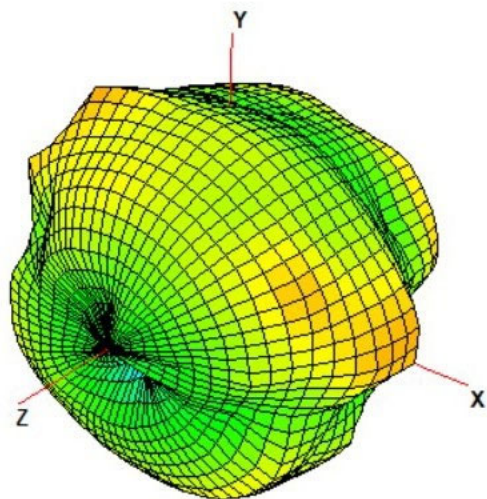
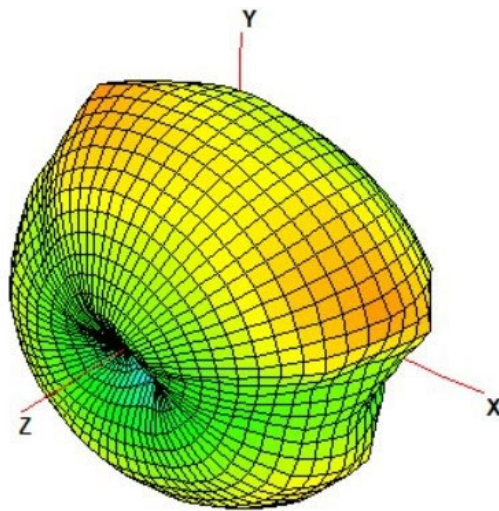




**3D Gain Pattern**  
**2450MHz**



**5500MHz**





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