



## LPRS-ANT-5G-UFL-PCB

5G Cellular PCB Antenna with IPEX connector



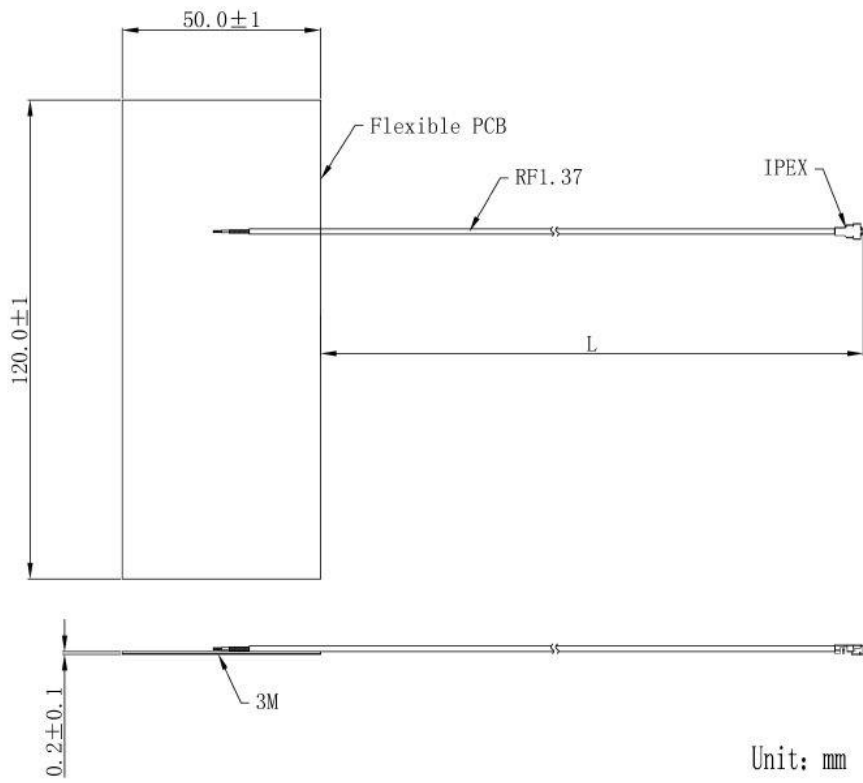
### Product Overview

This 5G cellular PCB antenna is also compatible with 2G/3G and 4G applications. This ultra-wide band (UWB) PCB antenna has a RF1.37 cable with U.FL connector, and a 3M self-adhesive backing.

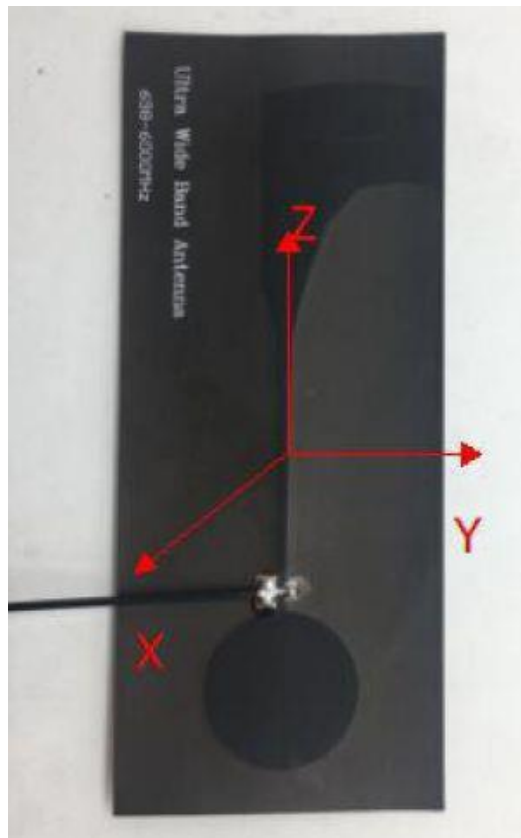
### Product Specifications

Item	Specifications	
Antenna	Frequency	698~6000MHz
	Polarization	Linear
	Gain	5dBi
	V.S.W.R	< 2.0
	Impedance	50 Ω
	Connector	IPEX U.FL
Environmental	Operating Temp.	-40°C ~+85°C
	Vibration	10 to 55Hz with 1.5mm amplitude 2 hours
	Dimensions	198 x 13 mm
	Cable	RF1.37
	Mounting	Adhesive
		RoHS Compliant

## Dimensions

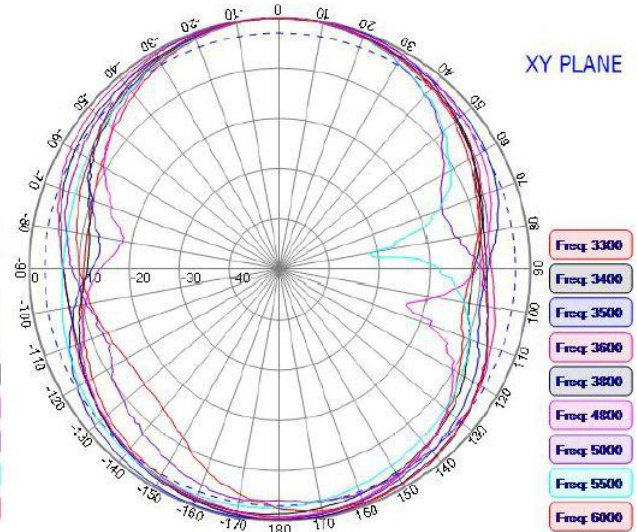
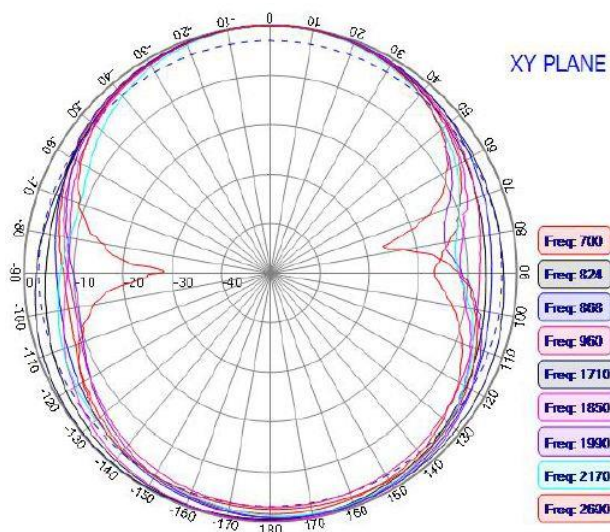


## Radiation Indicators

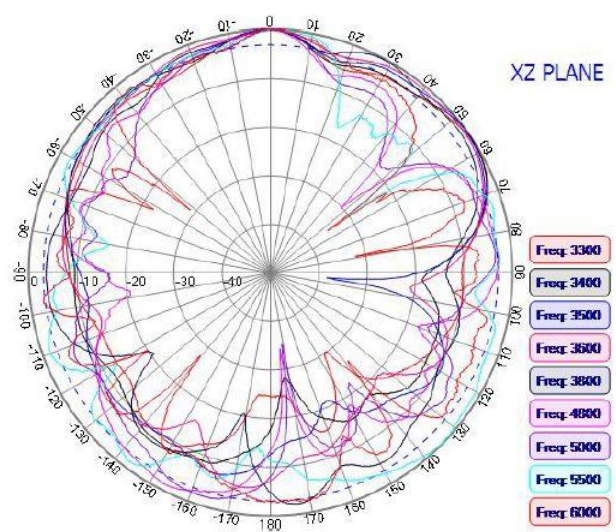
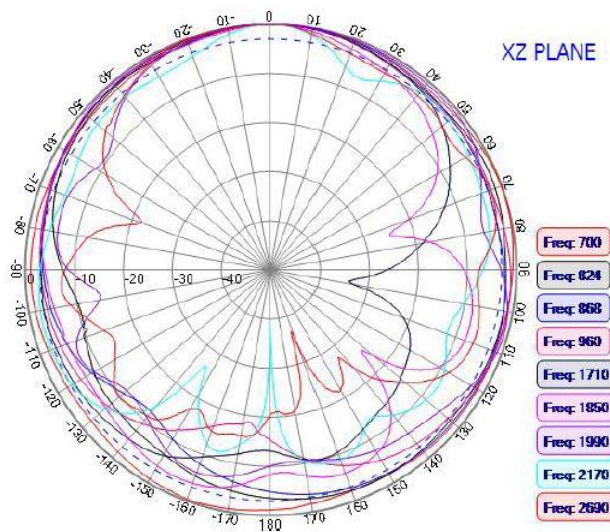


**Low Power Radio Solutions Ltd**  
Two Rivers industrial Estate  
Station Lane, Witney OX28 4BH, UK  
+44(0) 1993 709418  
sales@lprs.co.uk

## XY Plane Radiation Pattern

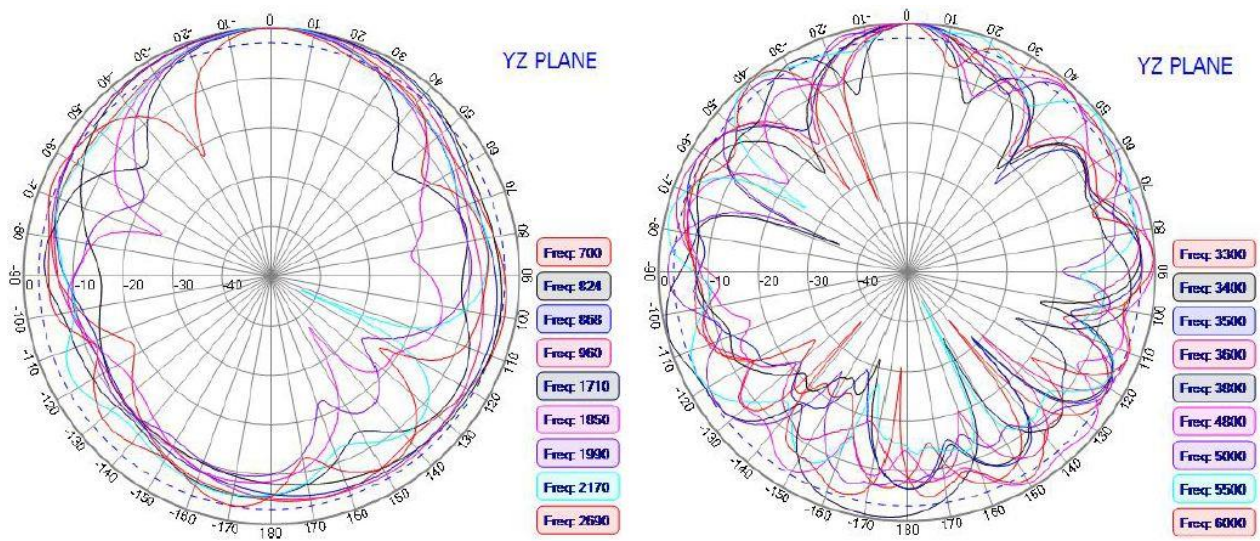


## XZ Plane Radiation Pattern



**Low Power Radio Solutions Ltd**  
 Two Rivers industrial Estate  
 Station Lane, Witney OX28 4BH, UK  
 +44(0) 1993 709418  
 sales@lprs.co.uk

## YZ Plane Radiation Pattern



## Product Code

Name	Description	Order Code
5G Cellular PCB antenna	5G Cellular PCB antenna + IPEX	LPRS-ANT-5G-UFL-PCB



**Low Power Radio Solutions Ltd**  
 Two Rivers industrial Estate  
 Station Lane, Witney OX28 4BH, UK  
 +44(0) 1993 709418  
 sales@lprs.co.uk