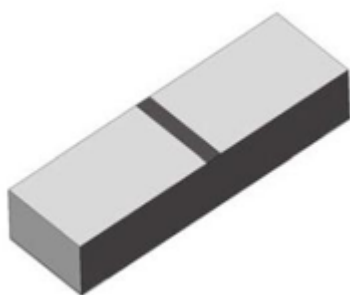


# 1.88-1.93GHz DECT Ceramic Antenna

Pulse Part Number CW3022



## Features

- Omnidirectional radiation
- Low profile
- Compact size WxLxH (10 x 3.2 x 2 mm)
- Low weight (310 mg)
- Lead free materials
- Fully SMD compatible
- Lead free soldering compatible
- Tape and reel packing
- RoHS Compliant Product

## Applications

- DECT bands (European + US)
- 1.88-1.93 GHz

## Electrical specifications @ +25 °C

*Note: Electrical characteristics depend on test board (GP) size and antenna positioning on GP and Ground Clearance area size.*

*Typical performance (testboard size 80x37 mm, PWB ground clearance area 10.6 x 7.25 mm)*

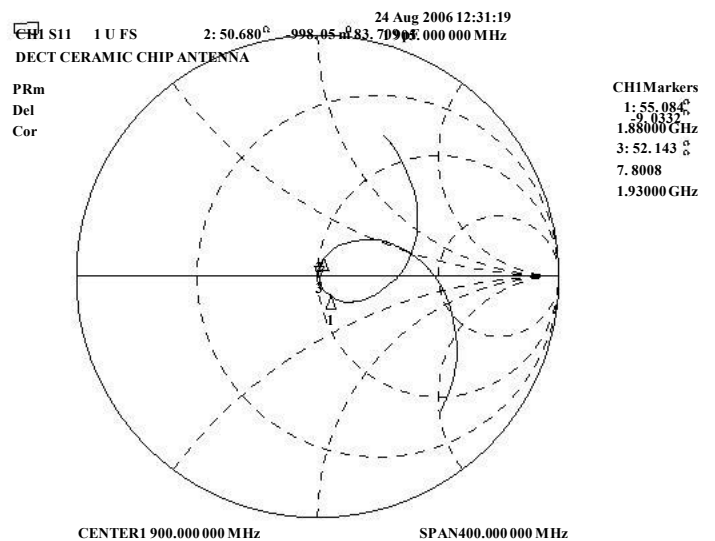
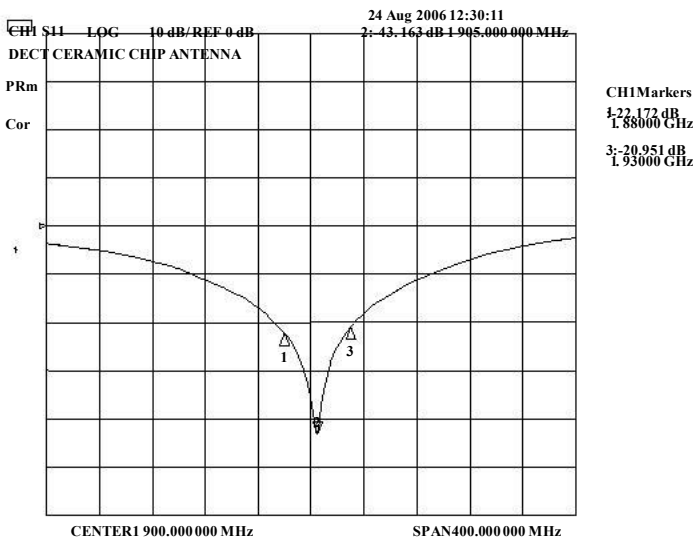
Frequency Range [MHz]	Linear Max Gain [dBi]	Return loss min. [dB]	Efficiency [%]/[dB]	Impedance [ $\Omega$ ]	Operating Temperature [ $^{\circ}$ C]
1880 – 1930	2.5 (peak) 2 (band edges)	-12	80 / -1(peak) 70 / -1.55(band edges)	50	-40 to +85

# 1.88-1.93GHz DECT Ceramic Antenna

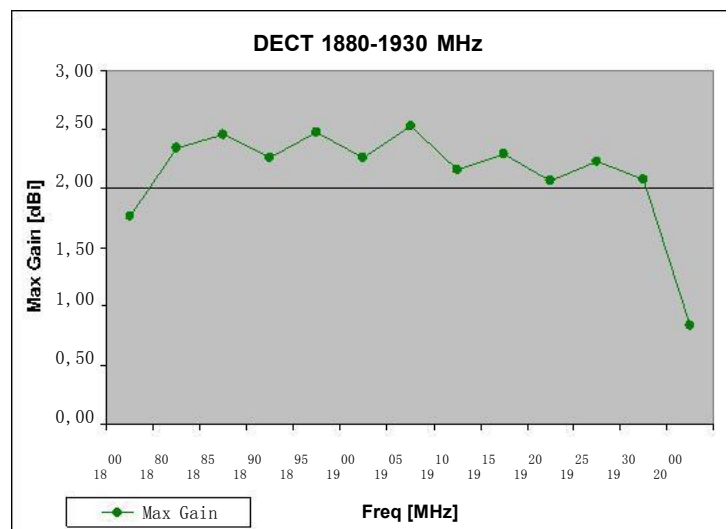
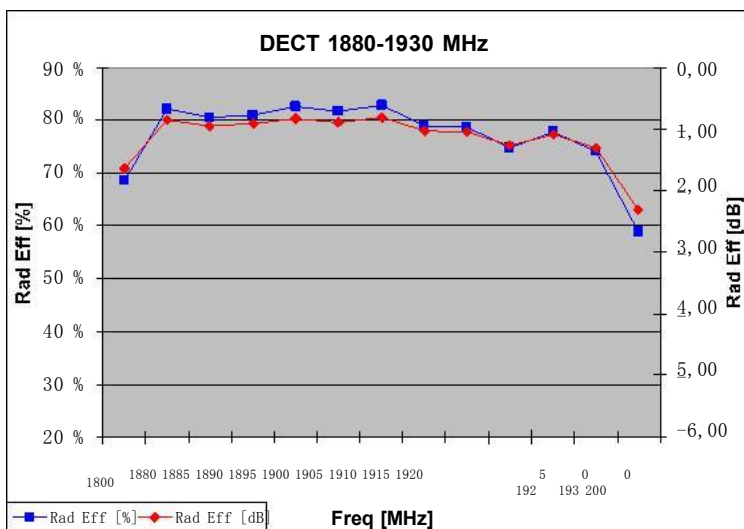
Pulse Part Number CW3022

## Typical Electrical Characteristics (T=25 °C)

### Typical Return Loss S11/ impedance



### Free space efficiency and maximum gain



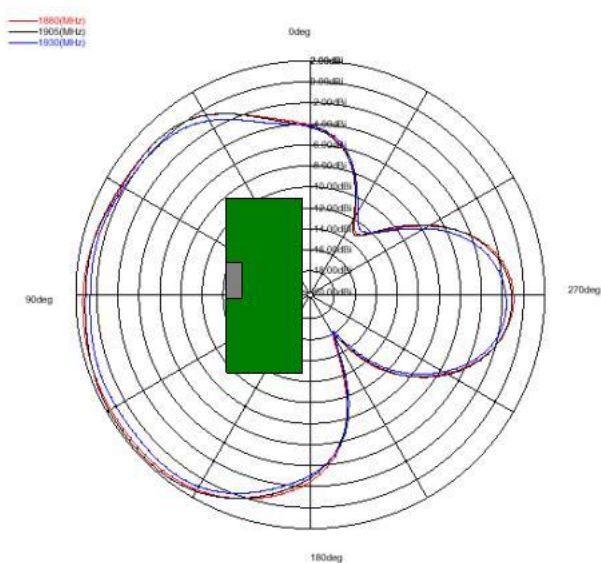
Contact: [mobiledeviceantenna.sales@pulseelectronics.com](mailto:mobiledeviceantenna.sales@pulseelectronics.com)

# 1.88-1.93GHz DECT Ceramic Antenna

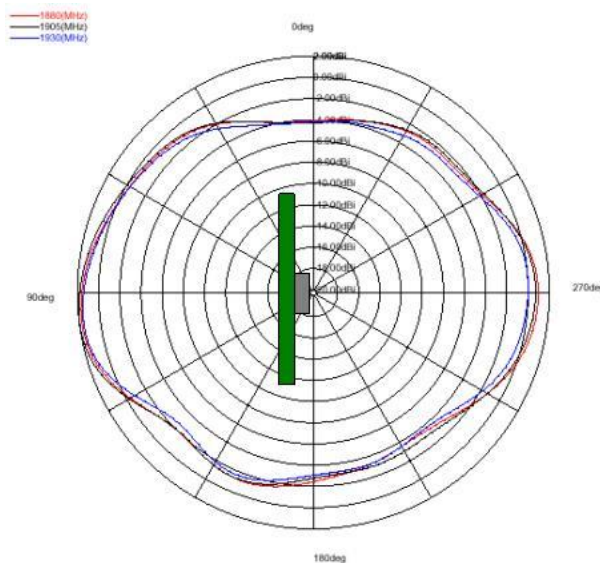
Pulse Part Number CW3022

## Typical Free space Radiation Patterns

**XZ-PLANE**



**ZY-PLANE**



**XY-PLANE**

