

# 719MHz MediaFLO Ceramic Chip Antenna

Pulse Part Number CW3024



## Features

- Omnidirectional radiation
- Low profile
- Compact size WxLxH (10 x 3.2 x 4 mm)
- Low weight (600mg)
- Fully SMD compatible
- Lead free soldering compatible
- Tape and reel packing
- RoHS compliant

## Applications

- MediaFLO Receivers
- 716-722 MHz

## 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 100x37 mm, PWB ground clearance area 10.60 x 10.25 mm)*

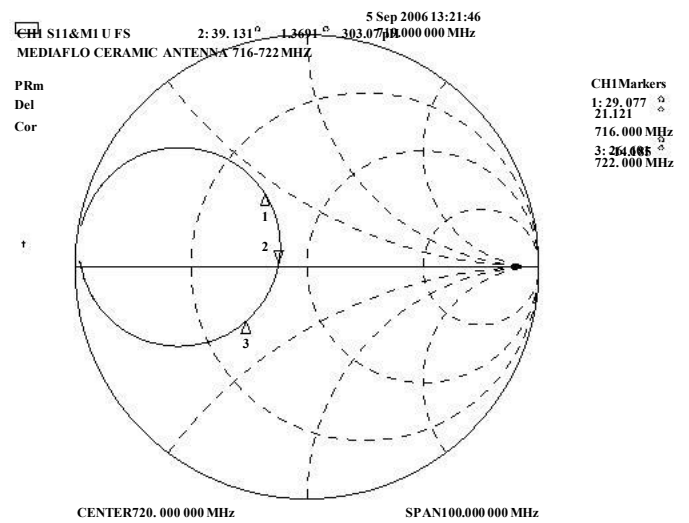
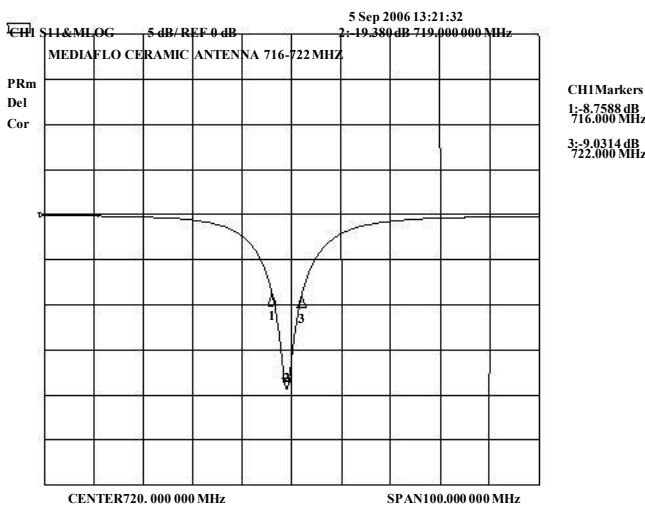
Frequency Range [MHz]	Linear Max Gain [dBi]	Return loss min. [dB]	Efficiency [%]/[dB]	Impedance [ $\Omega$ ]	Operating Temperature [ $^{\circ}$ C]
716 – 722	2 (peak) 1.5 (band edges)	-8	75 / -1.25(peak) 70 / -1.55(band edges)	50	-40 to +85

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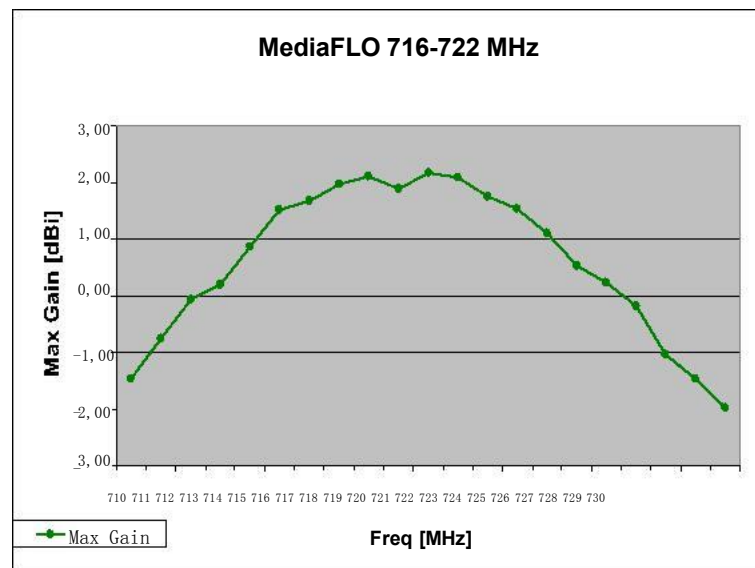
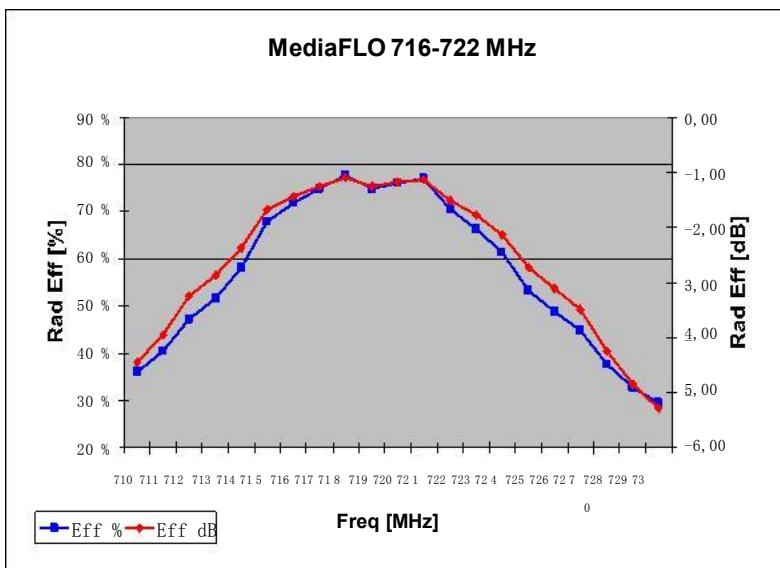
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## Typical Electrical Characteristics (T=25 °C)

### Typical Return Loss S11/ impedance



### Free space efficiency and maximum gain



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

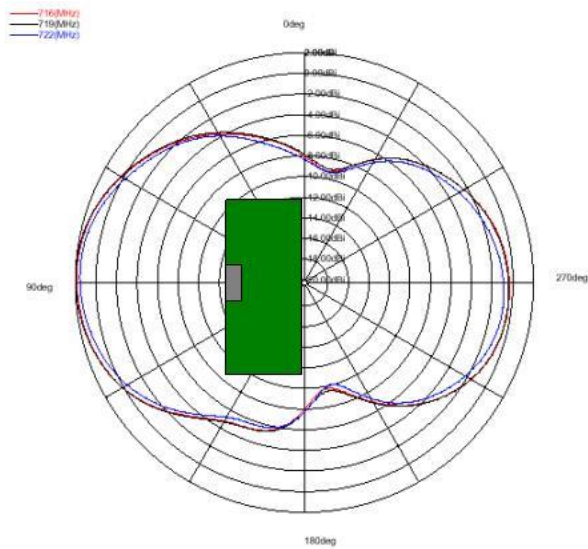


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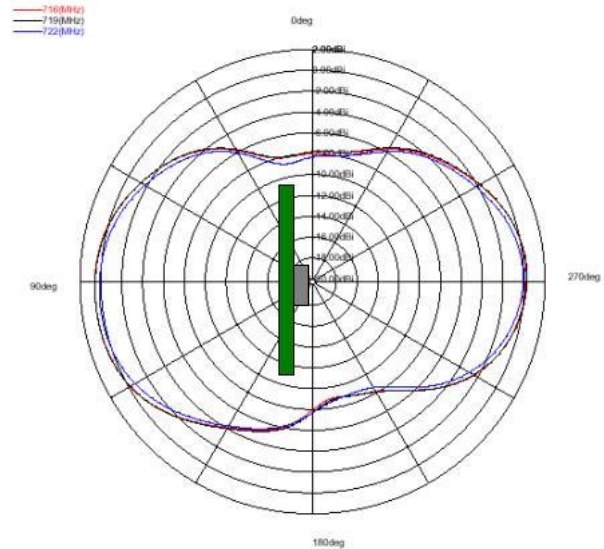
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## Typical Free space Radiation Patterns

**XZ-PLANE**



**ZY-PLANE**



**XY-PLANE**

