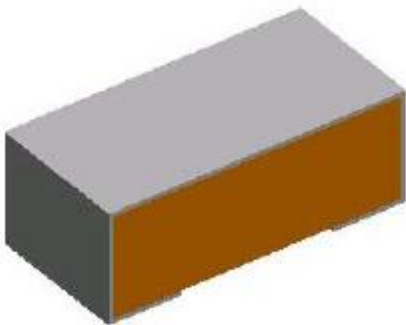


2.3GHz SATELLITE RADIO Ceramic Chip Antenna

Pulse Part Number CW3017



Features

- Omnidirectional radiation
- Low profile
- Compact size WxLxH (3.2 x 1.6 x 1.1 mm)
- Low weight (33 mg)
- Fully SMD compatible
- Lead free soldering compatible
- Tape and reel packing
- RoHS compliant

Applications

- Satellite Radio
- 2.320-2.345 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 4.00 x 4.25 mm)

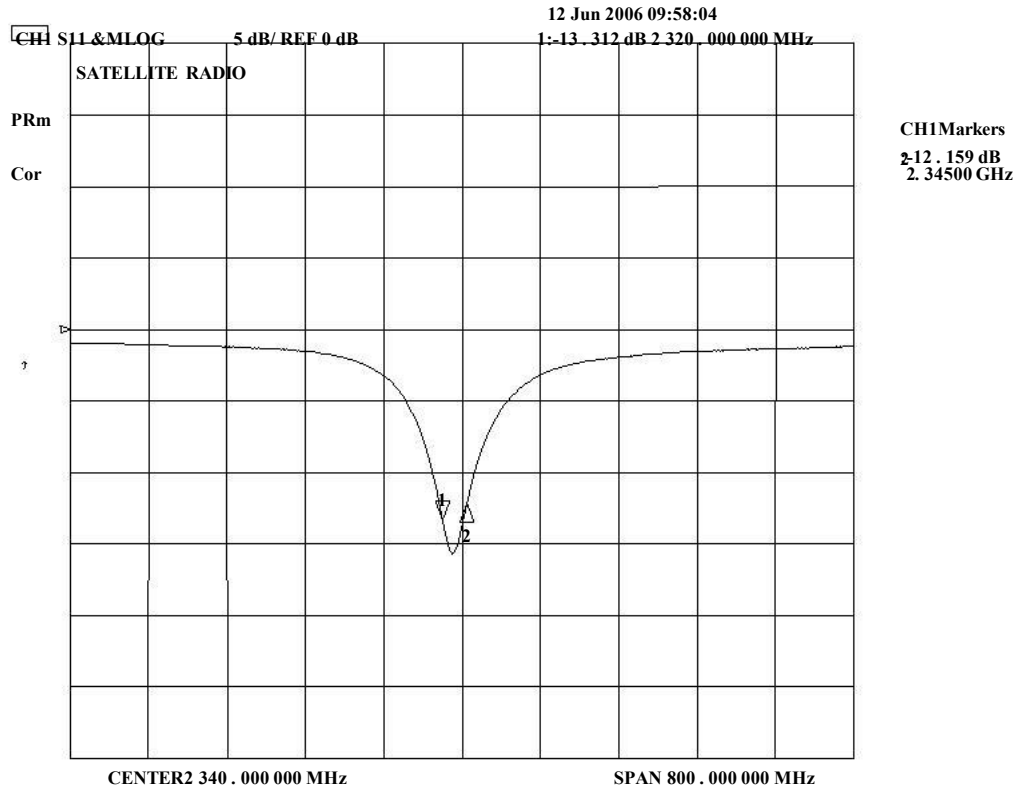
Frequency Range [MHz]	Max Gain [dBi]	Return loss min. [dB]	Efficiency [%]/[dB]	Impedance [Ω]	Operating Temperature [$^{\circ}$ C]
2320 – 2345	2.7 (peak) 2.5 (band edges)	-10	75 / -1.2(peak) 70 / -1.5(band edges)	50	-40 to +85

2.3GHz SATELLITE RADIO Ceramic Chip Antenna

Pulse Part Number CW3017

Typical Electrical Characteristics (T=25 ° C)

Typical Return Loss S11



Free space efficiency and maximum gain

