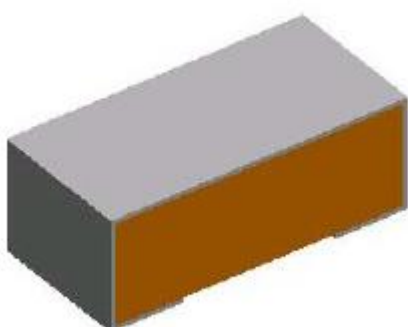


2.6GHz DMB-S Ceramic Chip Antenna

Pulse Part Number CW3018

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

- DMB-S Receivers
- Digital Multimedia Broadcasting
- 2.605-2.655 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 80x35 mm, PWB ground clearance area 4.00 x 4.25 mm)

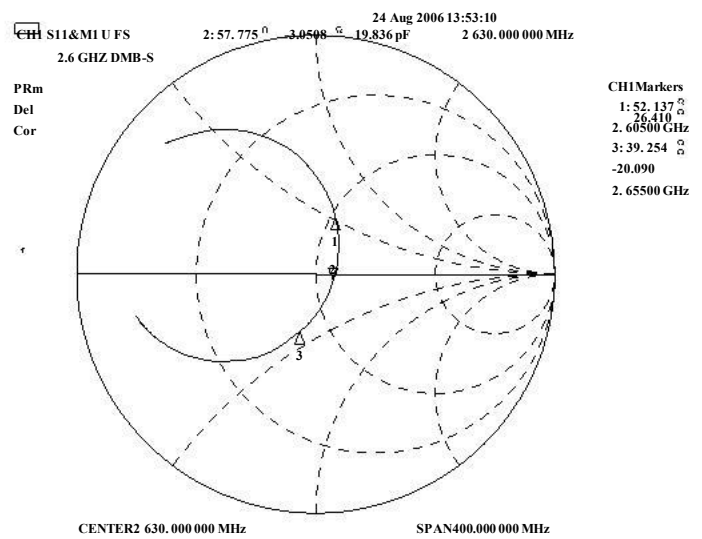
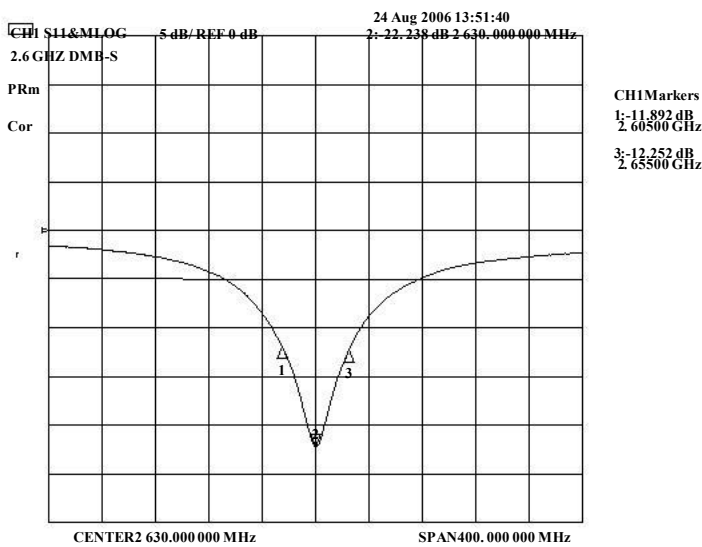
Frequency Range [MHz]	Max Gain [dBi]	Return loss min. [dB]	Efficiency [%]/[dB]	Impedance [Ω]	Operating Temperature [$^{\circ}$ C]
2605 – 2655	3 (peak) 2.5 (band edges)	-10	85 / -0.7(peak) 80 / -1(band edges)	50	-40 to +85

2.6GHz DMB-S Ceramic Chip Antenna

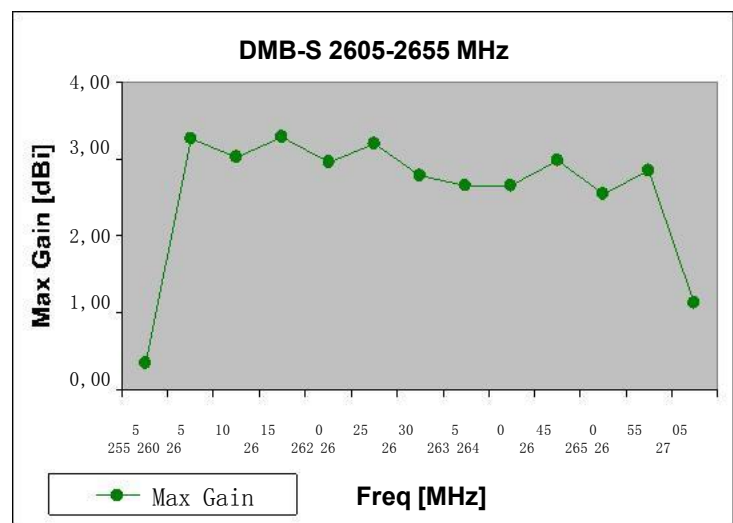
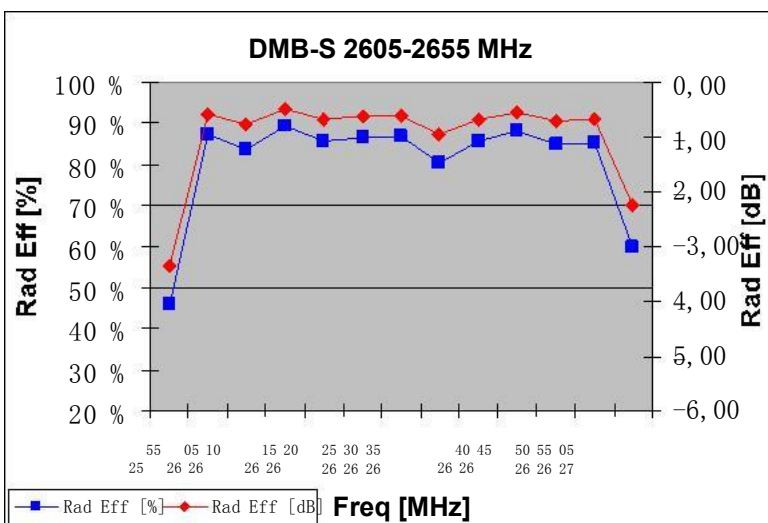
Pulse Part Number CW3018

Typical Electrical Characteristics (T=25 ° C)

Typical Return Loss S11/ impedance



Free space efficiency and maximum gain

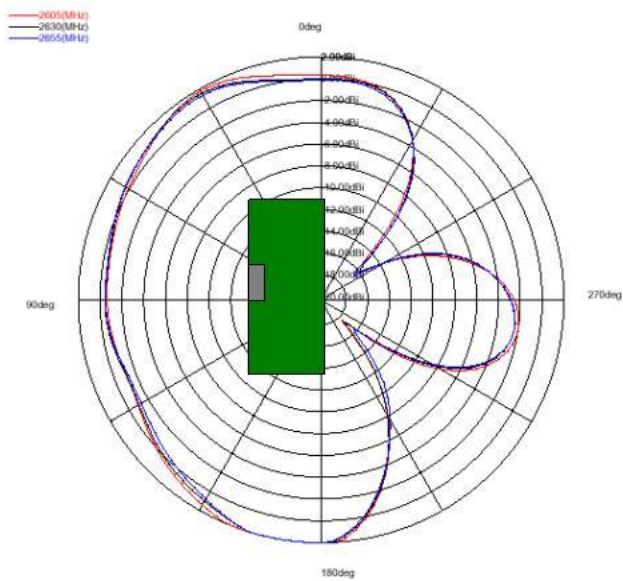


2.6GHz DMB-S Ceramic Chip Antenna

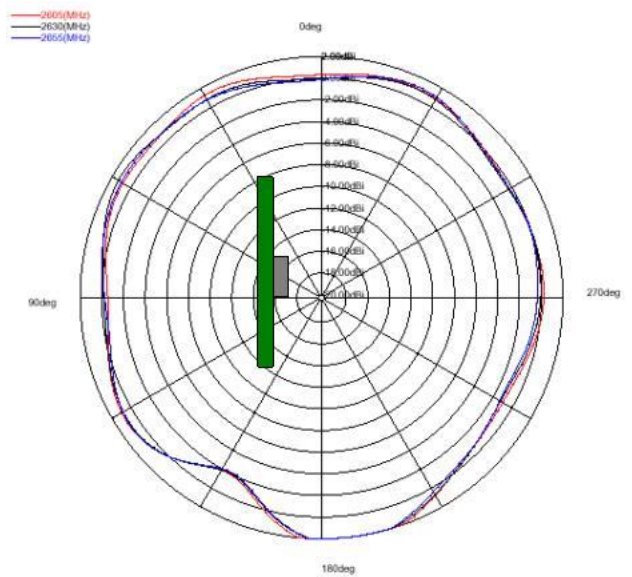
Pulse Part Number CW3018

Typical Free space Radiation Patterns

XZ-PLANE



ZY-PLANE



XY-PLANE

