900 MHz RX Diversity Ceramic Antenna

Ground cleared under antenna, clearance area 10.60 x 8.25 mm

Pulse Part Number: W3032



Features

- Omnidirectional radiation
- Low profile
- Compact size W x L x H (10 x 3.2 x 4 mm)
- Low weight (600 mg)
- Lead free materials
- Fully SMD compatible
- Lead free soldering compatible
- Tape and reel packing
- RoHS Compliant Product

Applications

- E-GSM 900 Band
- 925-960 MHz

Electrical specifications @ +25 °C

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

RX Diversity 925-960 MHz

Typical performance (test board size 100 x 37 mm, PWB ground clearance area 10.60 x 8.25 mm)

Frequency Range [MHz]	Linear Max Gain [dBi]	Efficiency [%] / [dB]	Return Loss min. [dB]	Impedance [Ω]	Operating Temperature [°C]
925–960	2 (peak) 0 (band edges)	65 / -1.9 (peak) 45 / -3.5 (band edges)	-5	50	-40 to +85

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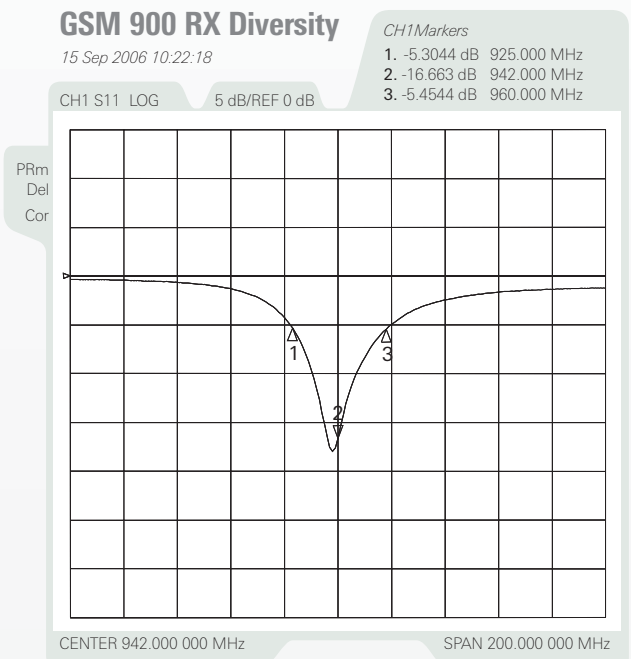
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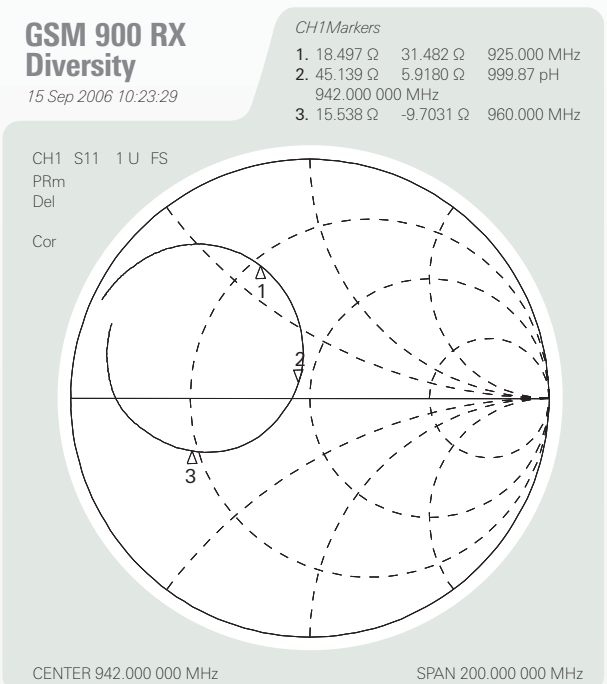
Ground cleared under antenna, clearance area 10.60 x 8.25 mm

Typical Electrical Characteristics (T=25 °C)

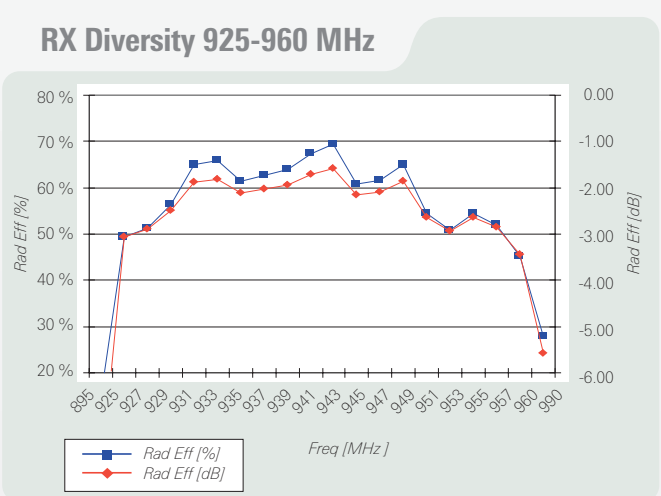
Measured on the 100 x 37 mm test board

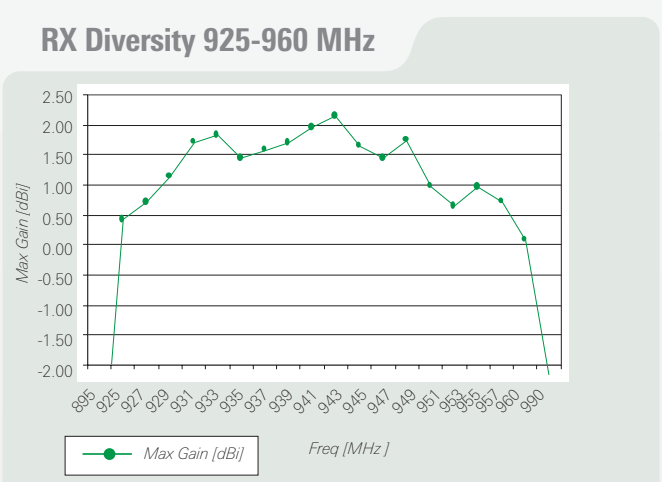
Typical Return Loss S11/impedance





Free space efficiency and maximum gain





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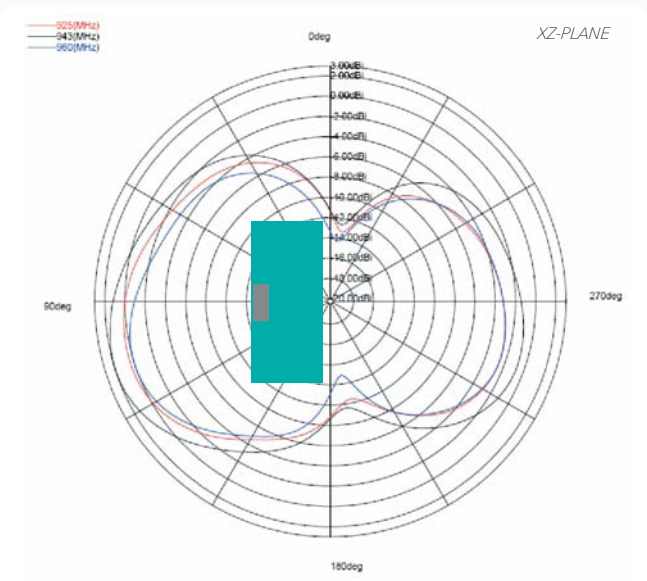
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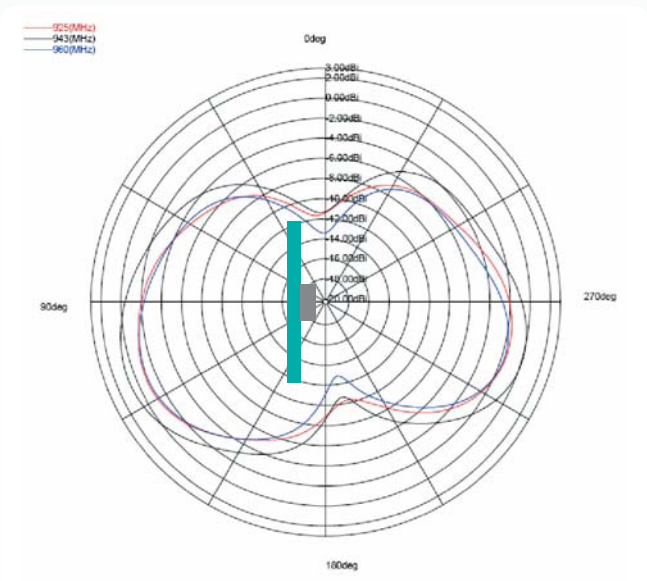
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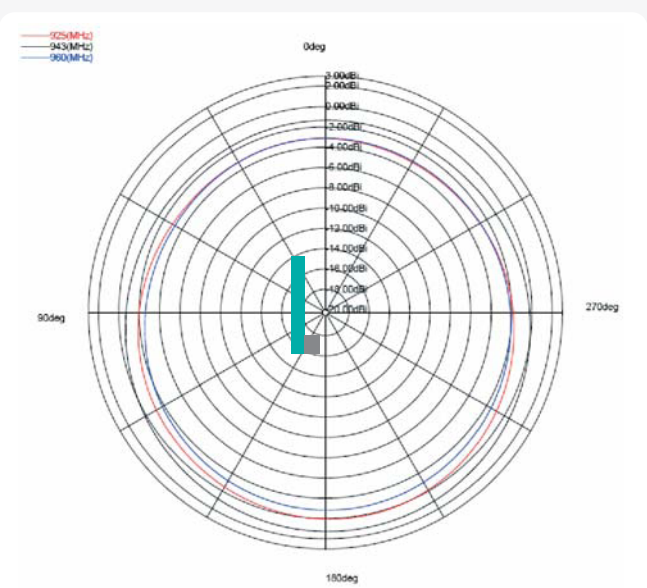
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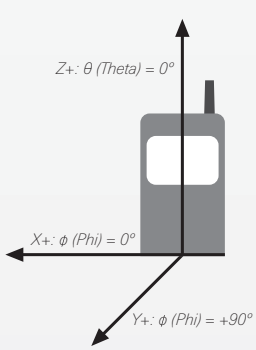
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Typical Free Space Radiation Patterns









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