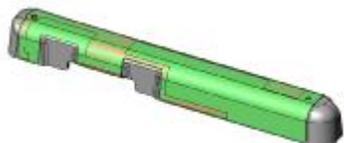


W3620 Quad band US/EU Antenna

Pulse Part Number: W3620



Features

- Monopole antenna
- 4 band operation, single feed point
- Screw mounting to device board
- Size W x L x H (8.29 x 72 x 8.19 mm)
- RoHS Compliant

Applications

- 4 band US/EU GSM/GPRS
- 850/900/1800/1900MHz
- Custom design for Garmin Neptune project

W3620 GPRS Antenna typical performance @ +25 °C

Note: Electrical characteristics are valid only when antenna is mounted on device mechanics with 2.7nH shunt inductance on feed

(Below data measured with P03 antenna version)

Frequency Range [MHz]	Max Gain [dBi]	Efficiency [%] / [dB]	Impedance [Ω]
824-960	0.6	40 / -4	50
1710-1990	1.4	35 / -4.6	50

Pulse Finland Oy

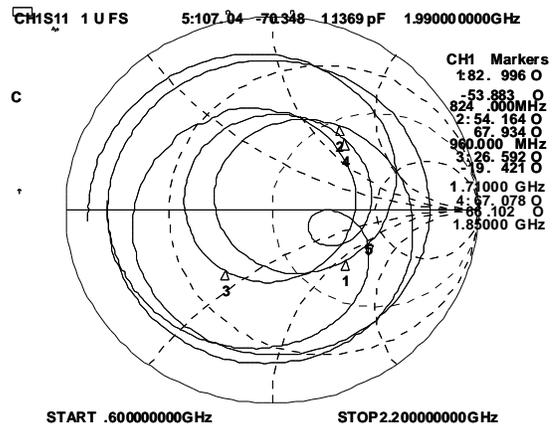
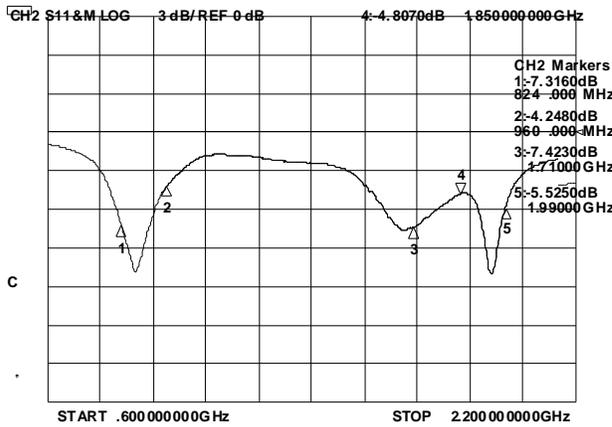
Takatie 6
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Business ID: 1933992-8
firstnamelastname@dulseena.com

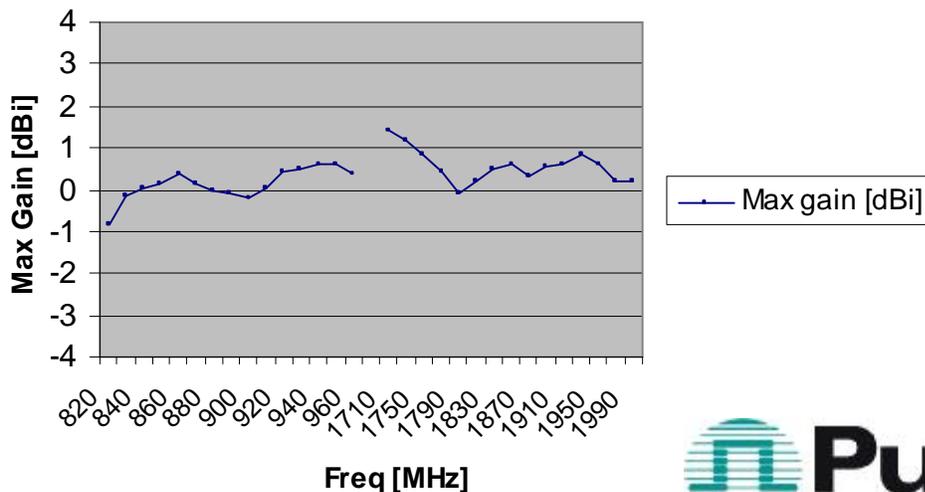
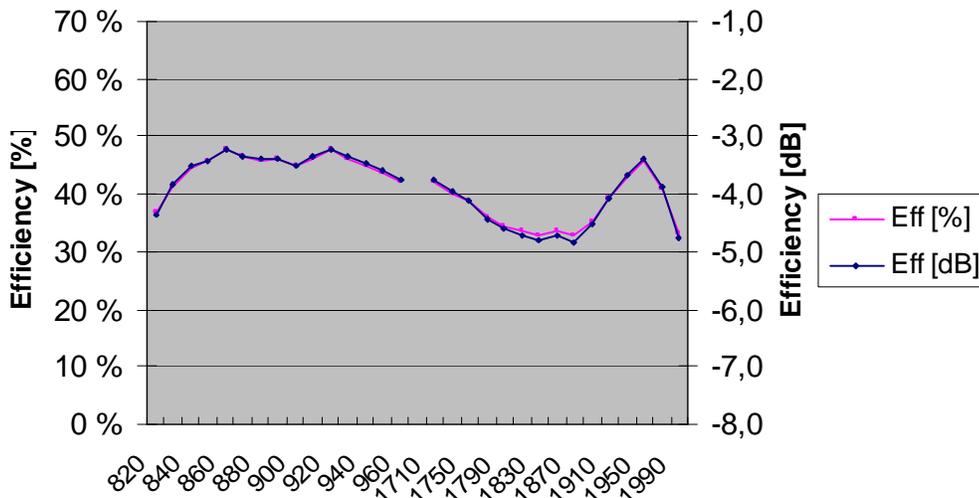


W3620 Quad band US/EU antenna

Antenna typical Return Loss and Impedance



Antenna typical Total Efficiency and Max Gain



W3620 Quad band US/EU Antenna

Mechanical outline

3	H23-00392	Flexible radiator	P03	PET+Cu+PSA	1
2	H91-00272	M1,6 screw insert	V02	Brass	2
1	H39-00396	Plastic frame	P01	ABS/PC	1
Item	Drawing number	Name of Part	Part Version	Material	Pcs

Pulse code

W3611

S = Supplier identification
 C = manufacturing country
 LL = Production line number (01, 02...)
 YY = Manufacturing year (2009=09...)
 WW = Manufacturing week
 D = Manufacturing date (1,2,3...)
 EE = Electrical version
 VVV = Assembly drawing version

F
 F=FIN or C=CHN
 (PR = proto line)
 YY
 WW
 D
 01
 P03

