

# GSM Man-Pack High-Power Antenna

820 – 960 MHz and 1700 – 2000 MHz  
Product Code: DIPL-A0038

VERSION: 2.5



## SPECIFICATIONS:

<b>Electrical:</b>	
Frequency range	820 – 960 MHz and 1700 – 2000 MHz
VSWR	< 2.5:1 (see graph)
Nominal input impedance	50 $\Omega$
Connector	N-type male
Feed power handling	10 W
Gain (max)	2 dBi (see graph)
Polarisation	Linear
<b>Mechanical:</b>	
Dimensions (l x w)	400 mm x 25 mm
Weight	< 190 g
<b>Environmental: designed to meet the following specifications</b>	
Wind survival	160 km/h
Temperature range	-31 °C to +71 °C
Water ingress rating	MIL-STD-820F (506.4)

## PRODUCT DESCRIPTION:

The DIPL-A0038 is a high-power omni-directional antenna. It operates over the 820 to 960 MHz and 1700 to 2000 MHz band with a VSWR of less than 2.5:1 over the band. It was designed for transmissions where signals are to be suppressed like VIP convoy and civilian protection and for RCIED.

## PRODUCT FEATURES:

- Wideband
- Omni-directional azimuth pattern
- High-power handling

## APPLICATIONS:

- Spring loaded element
- Waterproof
- Quick assembly

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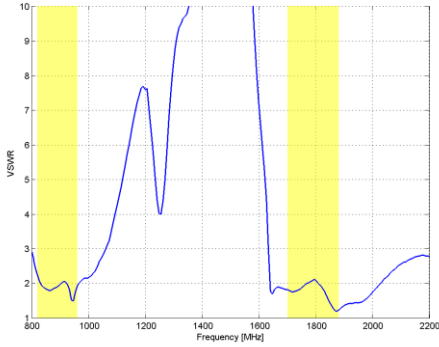
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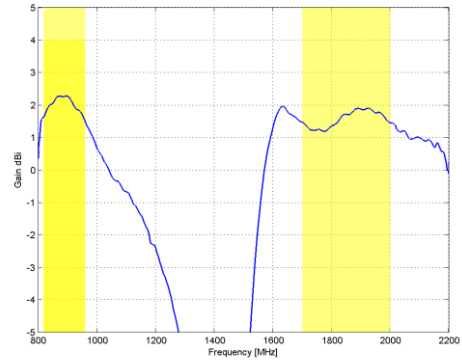
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## VSWR AND GAIN GRAPHS:

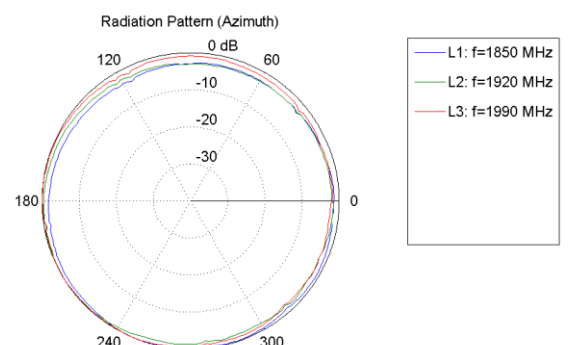
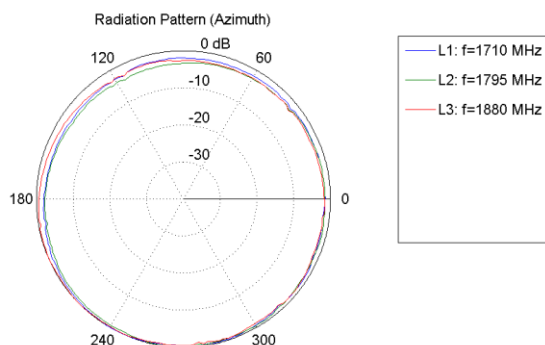
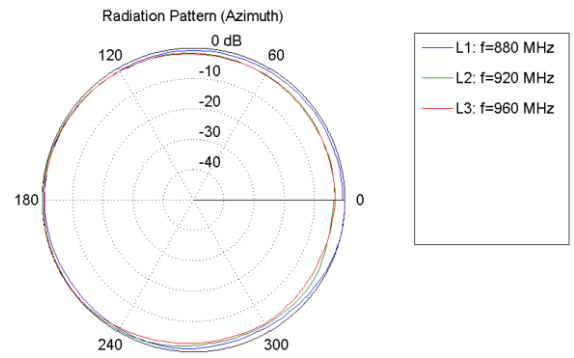
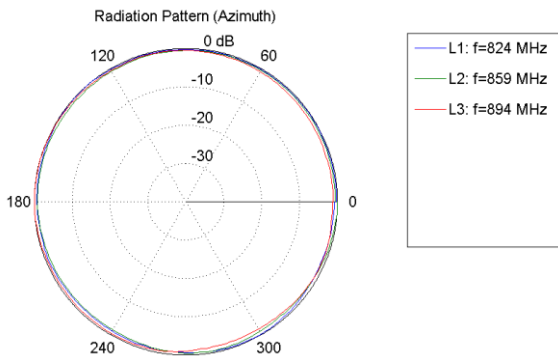
### VSWR:



### Gain:



## Measured azimuth patterns:



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