



2G-3G MONOPOLE ANTENNA

MAIN FEATURES:

- Wide band
- Monopole structure
- Ground plane required
- RoHS Compliant
- Good Efficiency
- Indoor use



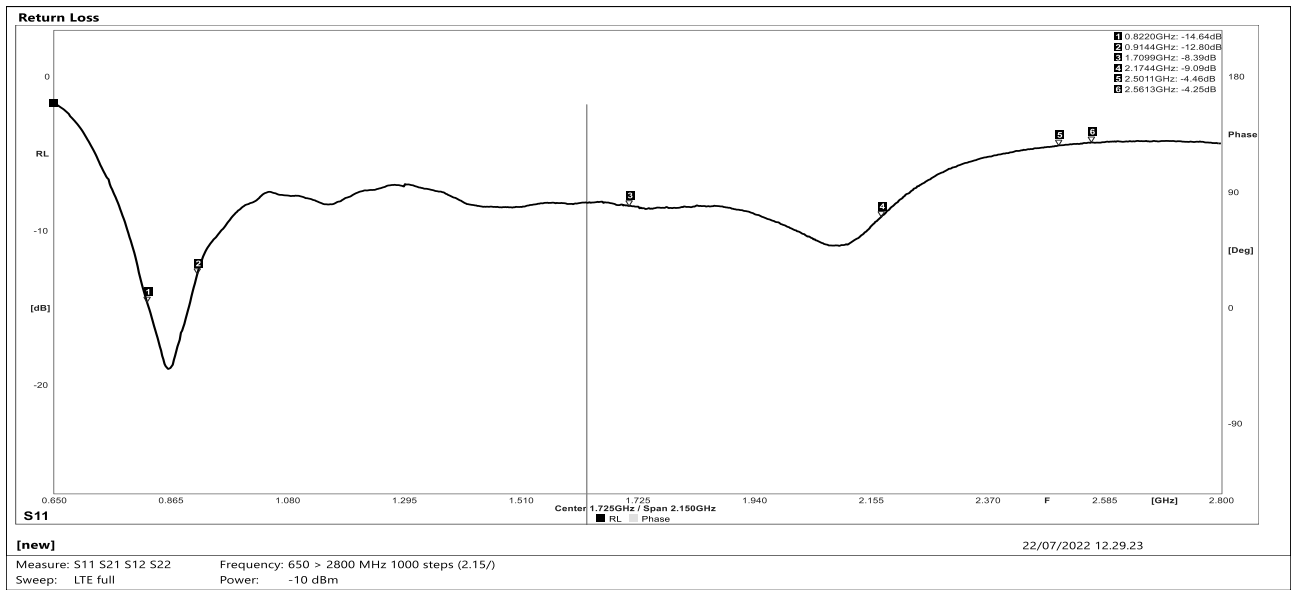
2G Frequency Bands

GSM 900, GSM 1800

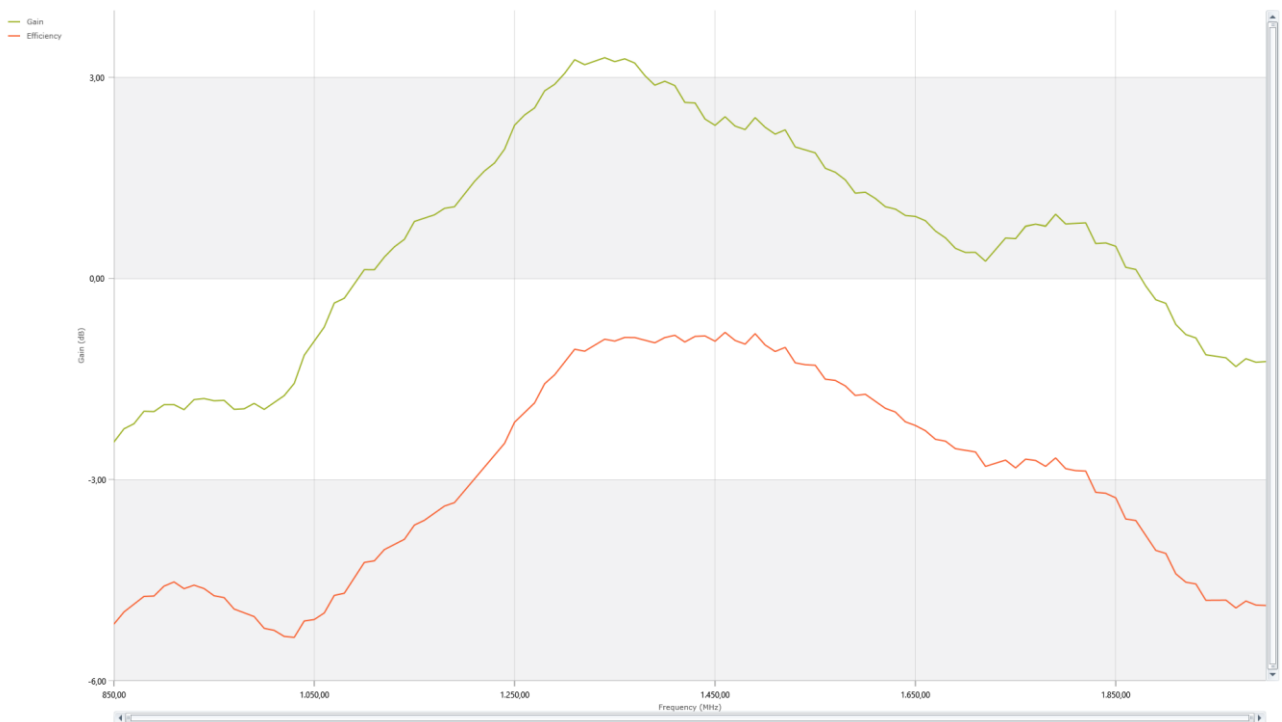
Parameter

Dimension	50x10 mm
Operating Temperature	-20/70 °C
Connector	SMA M
Nominal impedance	50 Ohm
Outer Material	TPU

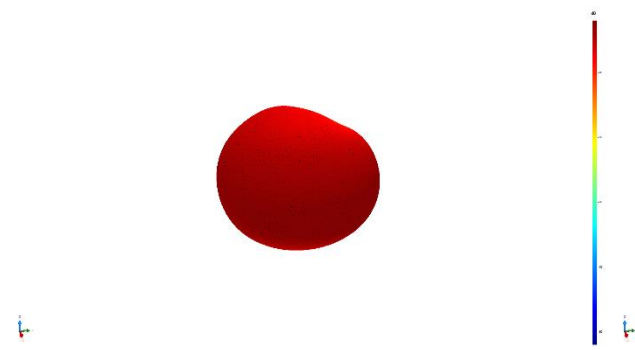
S11 diagram



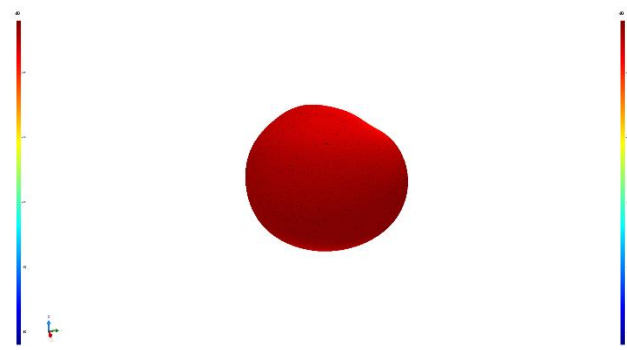
Efficiency and gain diagram



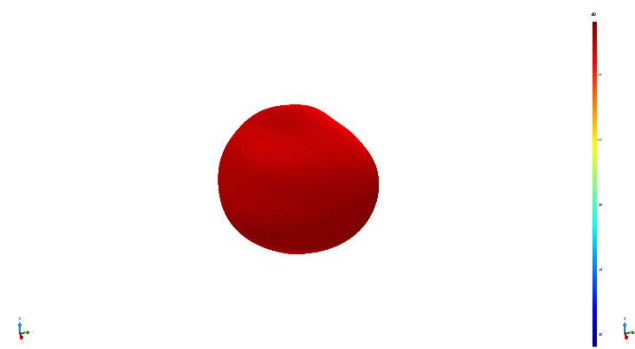
3D PATTERNS



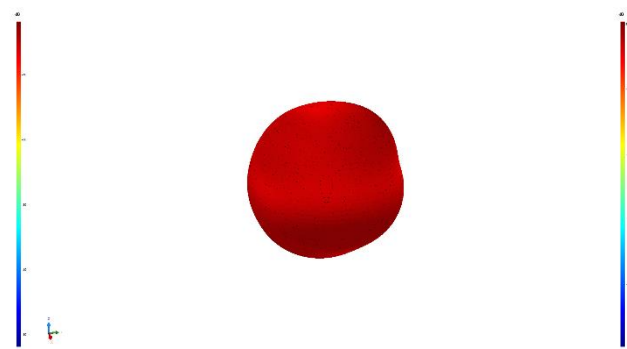
890 MHz



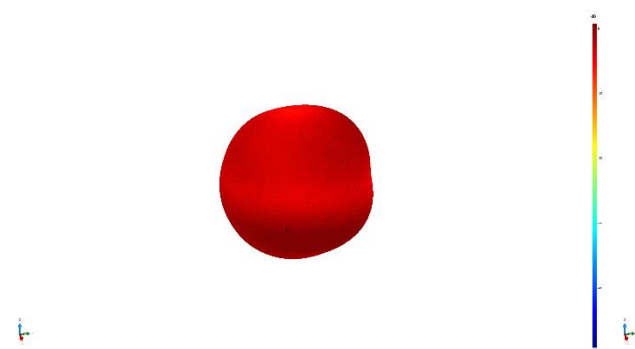
920 MHz



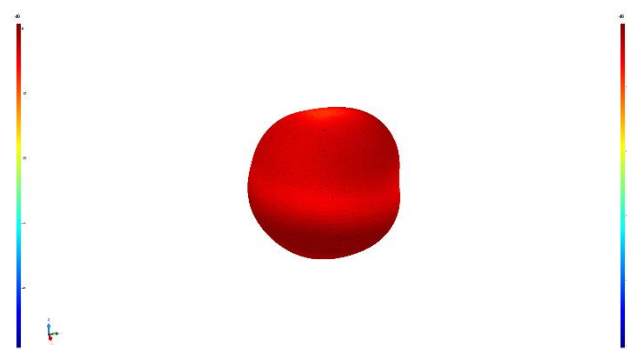
960 MHz



1710 MHz



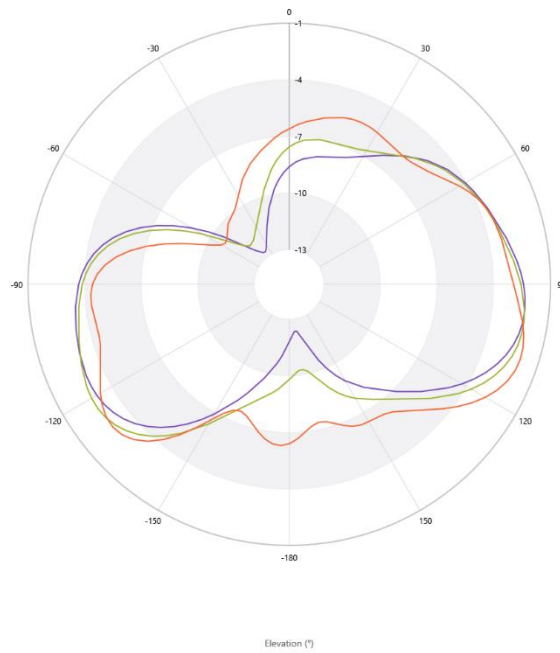
1800 MHz



1880 MHz

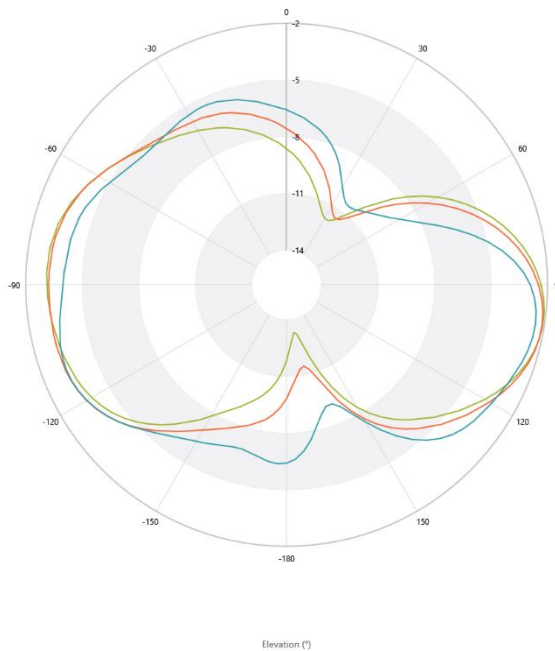
POLAR PATTERNS

— 890 MHz 0 ° E. Total
— 920 MHz 0 ° E. Total
— 960 MHz 0 ° E. Total



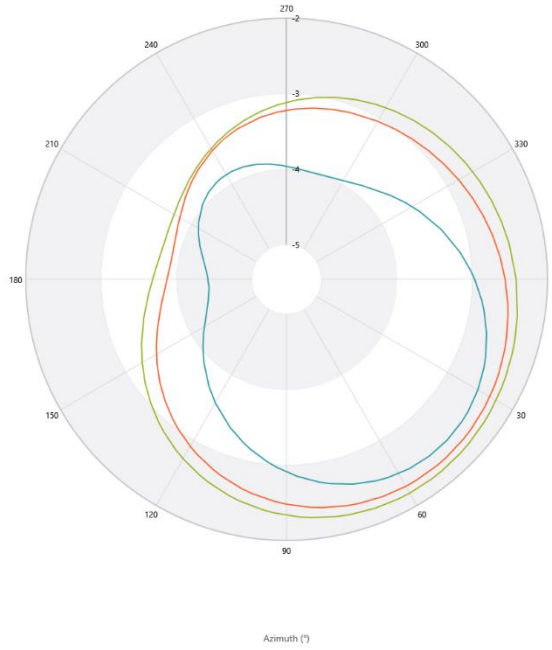
890-960 MHz ELEVATION PLANE FI= 0°

— 890 MHz 90 ° E. Total
— 920 MHz 90 ° E. Total
— 960 MHz 90 ° E. Total



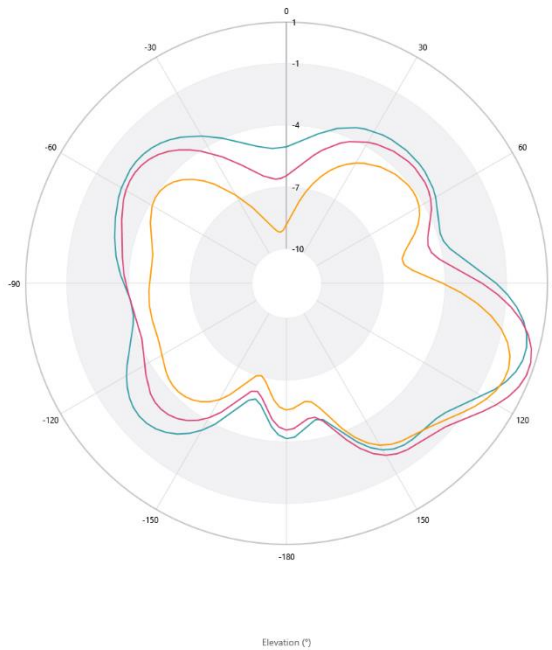
890-960 MHz ELEVATION PLANE FI=90°

890 MHz 90 ° E Total
920 MHz 90 ° E Total
960 MHz 90 ° E Total



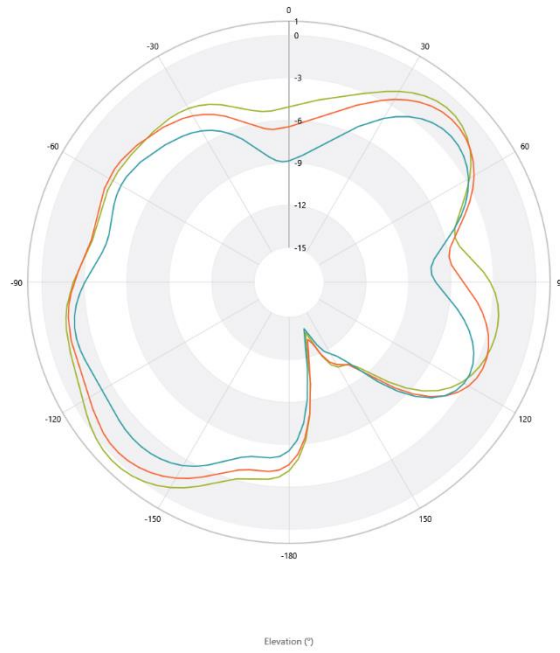
890-960 MHz AZIMUTH THETA=90°

1710 MHz 0 ° E Total
1800 MHz 0 ° E Total
1880 MHz 0 ° E Total



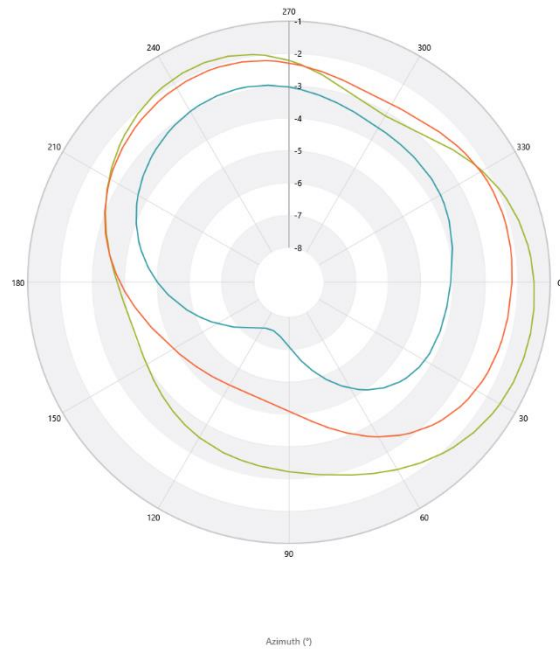
1710-1880 MHz ELEVATION PLANE FI=0°

— 1710 MHz 90 ° E Total
— 1800 MHz 90 ° E Total
— 1880 MHz 90 ° E Total



1710-1880 MHz ELEVATION PLANE FI=90°

— 1710 MHz 90 ° E Total
— 1800 MHz 90 ° E Total
— 1880 MHz 90 ° E Total



1710-1880 MHz AZIMUTH THETA=90 °