Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

- GSM 3G Quad Band Antenna

- Low Profile Package

- World-Wide Use

    - 850 - 960MHz

    - 1770 - 2100MHz

- +3dBi Gain

- Rugged IP67 Waterproof

- VSWR <2.0

- 3metres RG174 Cable

- SMA Male Connector

- Operates from −40 to +70⁰C

- M12 Screw thread Connector

Applications
- Automotive Applications
- Covert Applications
- Machine to Machine
- Secure Rugged Applications

Description

A Rugged antenna with high performance for worldwide use. This antenna provides 3G GSM Antenna with 2dBi gain. Housed in a rugged low profile UV resistant IP67 housing, this antenna is compact and resistant to Vandalism.

	Description	Cable Length	Connector
ANT-GSMPUKS-IP67	GSM QuadBand Puck Antenna	3metres	SMA (M)

FM76316

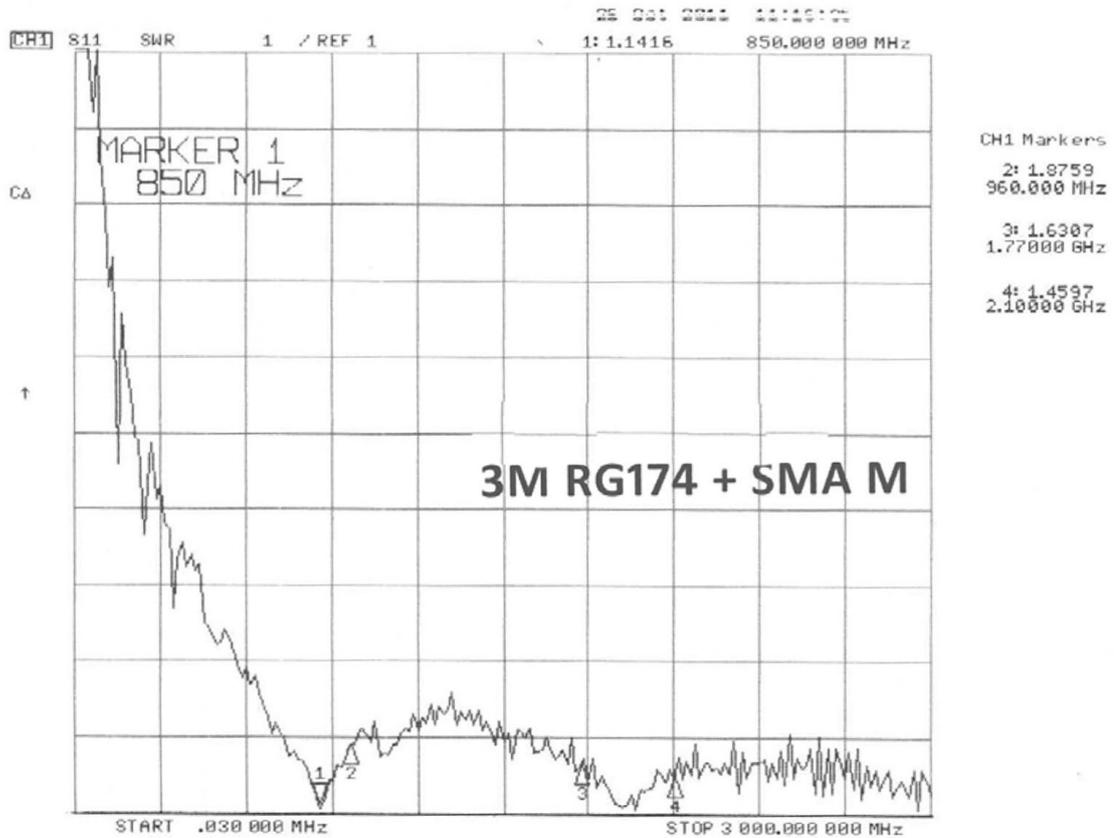# GSM Rugged 'Puck' Antenna IP67

Underside View

Mechanical Data

Cable	RG174U
OD	⌀2.7±0.15mm
Cover	Black
SMA M	GOLD(鍍金)
Frequency	850~960 MHz
	1770~2100 MHz

Impedance	50 OHM
V.S.W.R	2.0:1
P.C.B	CH67−1M

PVC線套
SR : A100003
MATERIAL : PVC

⌀6.4   ⌀7.4

10.0

SR : B−7002
MATERIAL : ABS

42.3±1

19

(EPDM GASKET 橡膠覆墊)

PVC Rubber stooper for IP67

SR : A−4002
MATERIAL : 40P

⌀54.7

SR : B−4006B
MATERIAL : ABS

7.8
10.5
9.1 (HEX8.0)
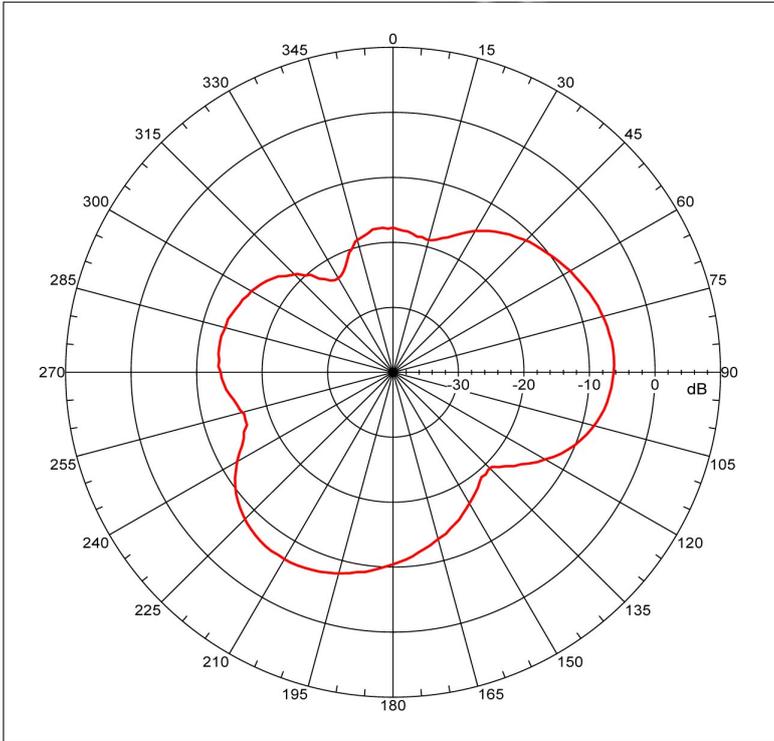
7.5

23.3±0.5

3000±25
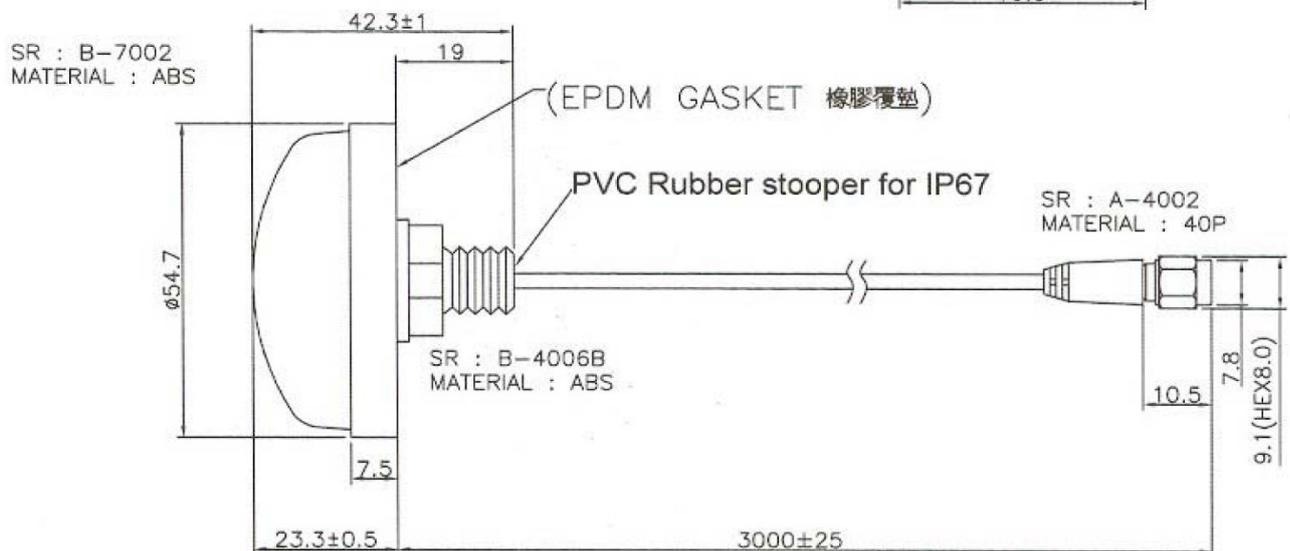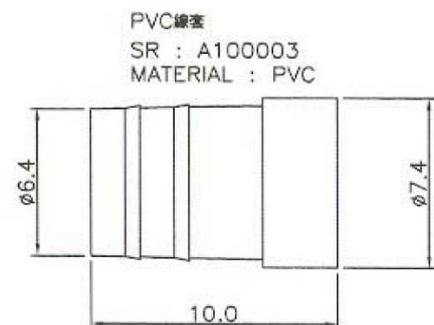
Test VSWR
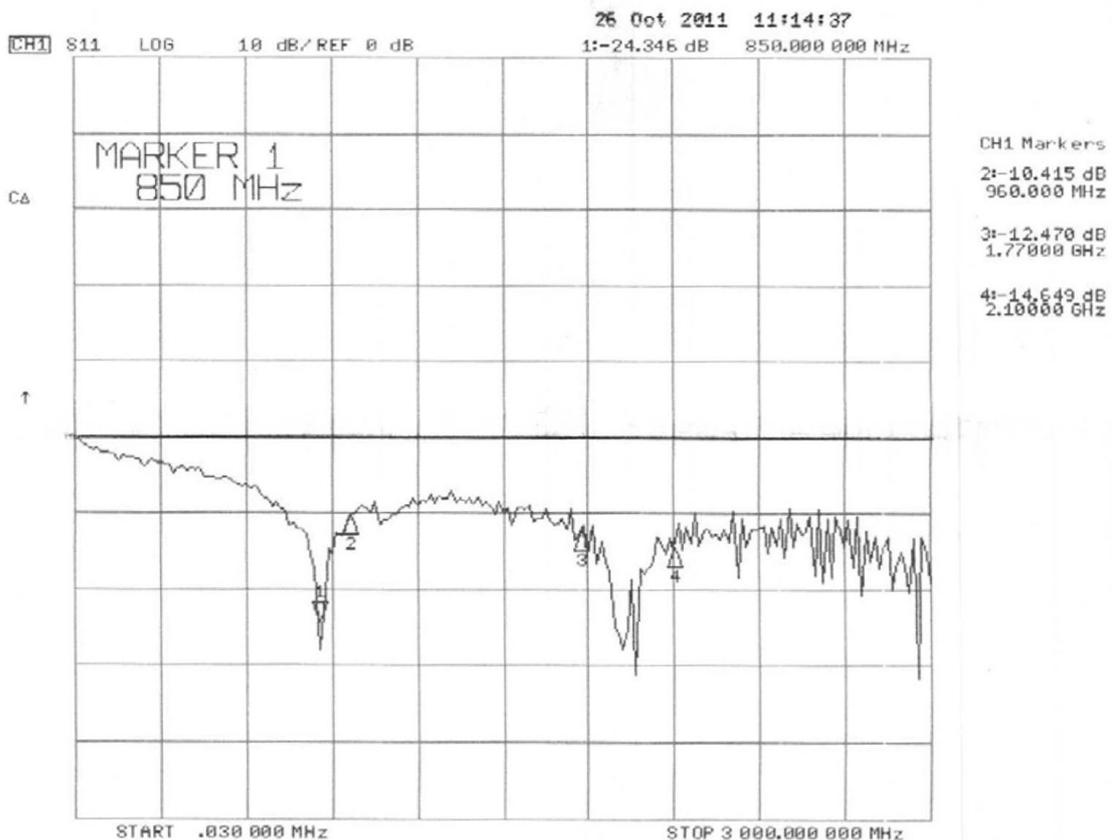
GSM Rugged 'Puck' Antenna IP67

Measured Performance at 824MHz Vertical Plane
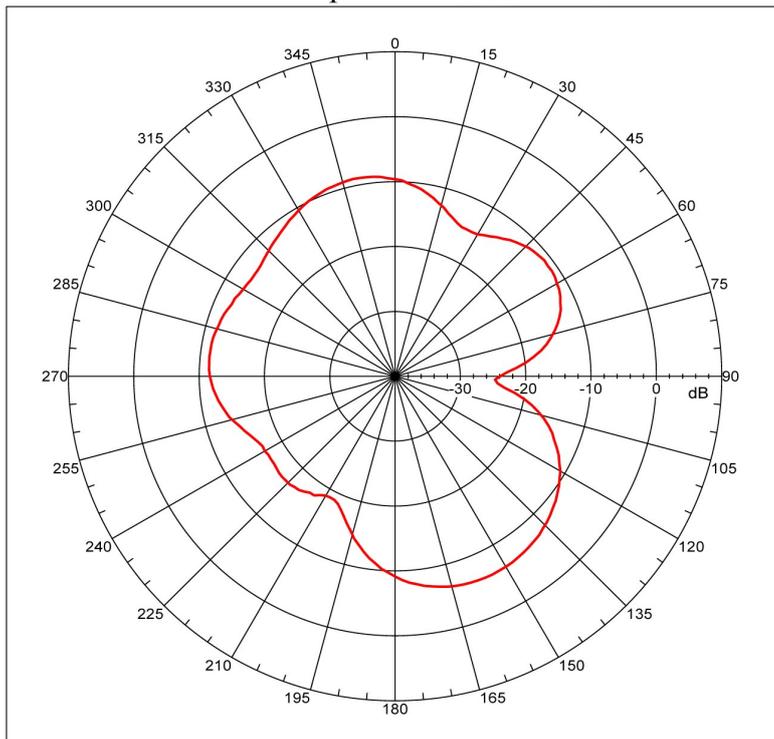
Far-field amplitude

Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = -6.20455 dBi
Max far-field (global) = -49.20389 dB, Max far-field (plot) =
-49.20391 dB
Normalization: Reference, Network offset = 0.000 dB
Hpeak at: 85.99999 deg, Vpeak at: 0.000 deg
Plot centering: On

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:43:10 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -12.161 dB
    -3. dB beam width: 51.34 deg
    -6. dB beam width: 77.59 deg
    -10. dB beam width: 101.31 deg
    Left Sidelobe: -11.54 dB at 1.006 deg
    Right Sidelobe: Not Found
Far-field display setup
    Azimuth (deg)
        Span = 360.00001 deg, Center = 0.000 deg, #pts = 181
        Start= -180.00001 deg, Stop = 180.00001 deg, Delta = 2.000
deg
    Elevation (deg)
        Center = 0.000 deg, #pts = 1

Selected beam(s) 1 of 8
Beam   Frequency   Azimuth   Elevation   Pol
----   ---------   -------   ---------   ---
1   0.824 GHz Azimuth   Elevation   Single-pol

Measured Performance at 850MHz Vertical Plane

Far-field amplitude

Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = -6.0091 dBi
Max far-field (global) = -47.26596 dB, Max far-field (plot) =
-47.26603 dB
Normalization: Reference, Network offset = 0.000 dB
Hpeak at: 153.99999 deg, Vpeak at: 0.000 deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:36:36 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -11.924 dB
    -3. dB beam width: Not Found
    -6. dB beam width: Not Found
    -10. dB beam width: Not Found
    Left Sidelobe: -5.01 dB at 57.318 deg
    Right Sidelobe: Not Found
Far-field display setup
    Azimuth (deg)
        Span = 360.00001 deg, Center = 0.000 deg, #pts = 181
        Start= -180.00001 deg, Stop = 180.00001 deg, Delta = 2.000
deg
    Elevation (deg)
        Center = 0.000 deg, #pts = 1

Selected beam(s) 1 of 8
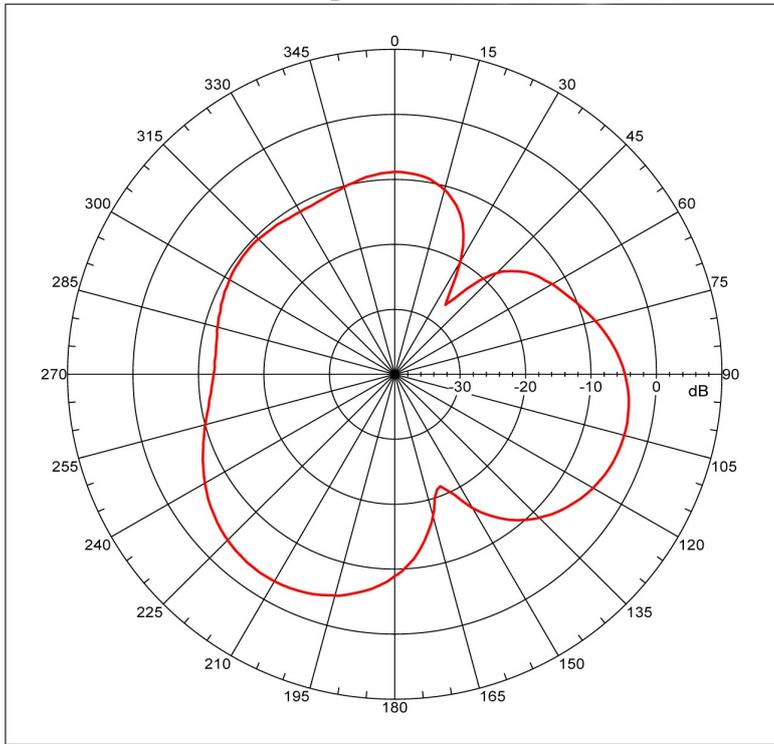Beam   Frequency   Azimuth   Elevation   Pol
----   ---------   -------   ---------   ---
2   0.850 GHz Azimuth   Elevation   Single-pol

GSM Rugged 'Puck' Antenna IP67

## Measured Performance at 900MHz Vertical Plane

Far-field amplitude

Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = -3.17831 dBi
Max far-field (global) = -44.73799 dB, Max far-field (plot) =
-44.73805 dB
Normalization: Reference, Network offset = 0.000 dB
Hpeak at: -146.00001 deg, Vpeak at: 0.000 deg
Plot centering: On

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:43:10 PM, Filetype: NSI-97
Far-field Cut Analysis:
  Avg value: -8.861 dB
  -3. dB beam width: 50.22 deg
  -6. dB beam width: Not Found
  -10. dB beam width: Not Found
  Left Sidelobe: Not Found
  Right Sidelobe: -7.47 dB at -55.307 deg
Far-field display setup
  Azimuth (deg)
    Span = 360.00001 deg, Center = 0.000 deg, #pts = 181
    Start= -180.00001 deg, Stop = 180.00001 deg, Delta = 2.000
deg
  Elevation (deg)
    Center = 0.000 deg, #pts = 1

Selected beam(s) 1 of 8
Beam   Frequency   Azimuth   Elevation   Pol
----   ---------   -------   ---------   ---
3   0.900 GHz   Azimuth   Elevation   Single-pol

Measured Performance at 960MHz Vertical Plane

Far-field amplitude
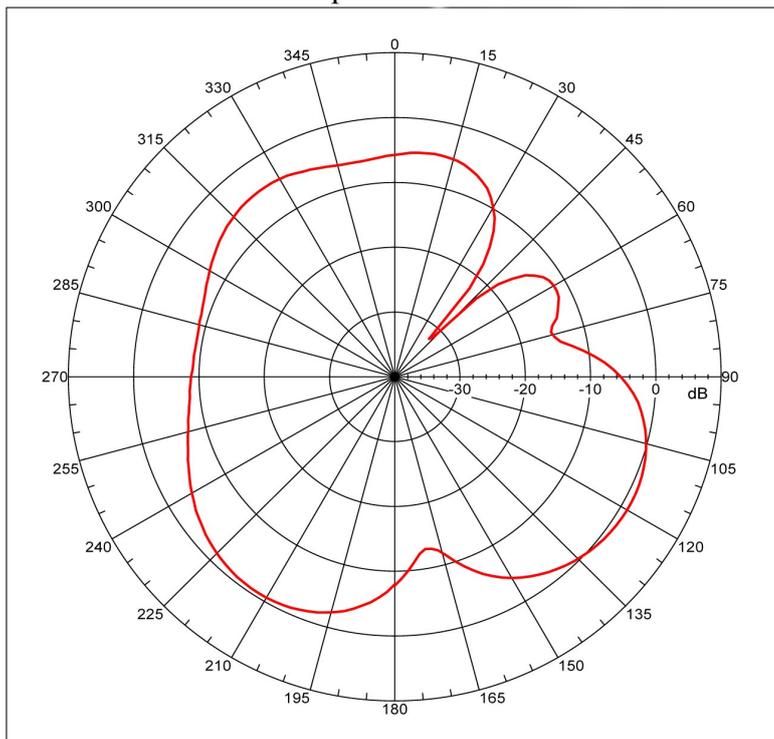
Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = 1.10737 dBi
Max far-field (global) = -41.5223 dB, Max far-field (plot) =
-41.5223 dB
Normalization: Reference, Network offset = 0.000 dB
Hpeak at: 119.99999 deg, Vpeak at: 0.000 deg
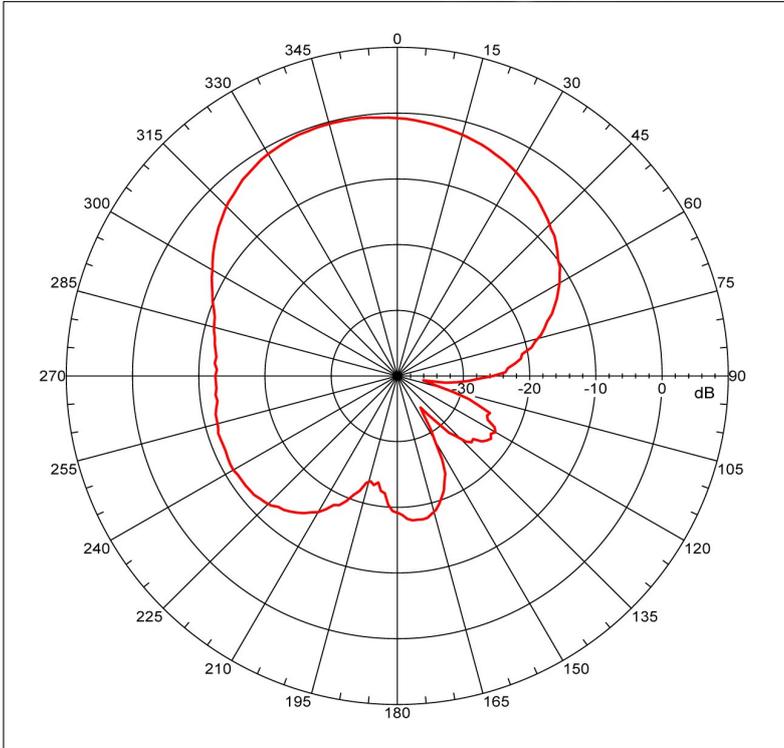Plot centering: On

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:43:10 PM, Filetype: NSI-97
Far-field Cut Analysis:
  Avg value: -5.226 dB
  -3. dB beam width: 44.75 deg
  -6. dB beam width: 61.32 deg
  -10. dB beam width: 75.85 deg
  Left Sidelobe: -12.98 dB at 63.352 deg
  Right Sidelobe: Not Found
Far-field display setup
  Azimuth (deg)
    Span = 360.00001 deg, Center = 0.000 deg, #pts = 181
    Start= -180.00001 deg, Stop = 180.00001 deg, Delta = 2.000
deg
  Elevation (deg)
    Center = 0.000 deg, #pts = 1

Selected beam(s) 1 of 8
Beam   Frequency   Azimuth   Elevation   Pol
----   ---------   -------   ---------   ---
4   0.960 GHz   Azimuth   Elevation   Single-pol

GSM Rugged 'Puck' Antenna IP67

Measured Performance at 1.770GHz Vertical Plane
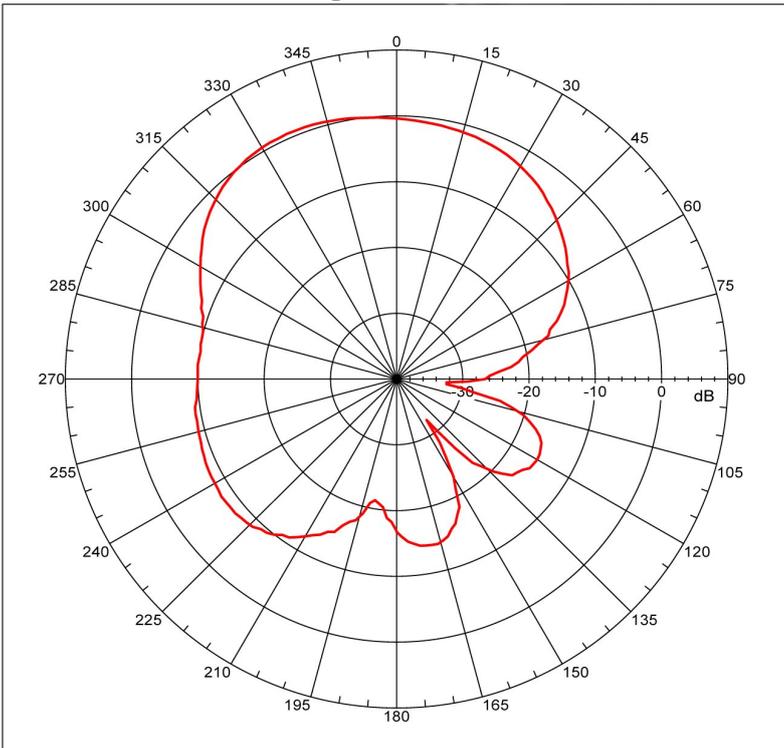
Far-field amplitude

Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = -0.30641 dBi
Max far-field (global) = -46.49443 dB, Max far-field (plot) =
-46.49443 dB
Normalization: Reference, Network offset = 0.000 dB
Hpeak at: -14.00001 deg, Vpeak at: 0.000 deg
Plot centering: On

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:43:10 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -9.534 dB
    -3. dB beam width: 69.23 deg
    -6. dB beam width: 96.15 deg
    -10. dB beam width: 125.61 deg
    Left Sidelobe: -11.27 dB at -107.598 deg
    Right Sidelobe: -24.62 dB at 113.631 deg
Far-field display setup
    Azimuth (deg)
        Span = 360.00001 deg, Center = 0.000 deg, #pts = 181
        Start= -180.00001 deg, Stop = 180.00001 deg, Delta = 2.000
deg
    Elevation (deg)
        Center = 0.000 deg, #pts = 1

Selected beam(s) 1 of 8
Beam   Frequency   Azimuth Elevation Pol
----   ---------   ------- --------- ---
5   1.770 GHz Azimuth Elevation Single-pol

Measured Performance at 1.85GHz Vertical Plane

Far-field amplitude

Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = 0.74919 dBi
Max far-field (global) = -45.67785 dB, Max far-field (plot) =
-45.67786 dB
Normalization: Reference, Network offset = 0.000 dB
Hpeak at: -24.00001 deg, Vpeak at: 0.000 deg
Plot centering: On

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:43:10 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -7.679 dB
    -3. dB beam width: 76.34 deg
    -6. dB beam width: 101.58 deg
    -10. dB beam width: 130.00 deg
    Left Sidelobe: -8.85 dB at -123.687 deg
    Right Sidelobe: -16.26 dB at 121.676 deg
Far-field display setup
    Azimuth (deg)
        Span = 360.00001 deg, Center = 0.000 deg, #pts = 181
        Start= -180.00001 deg, Stop = 180.00001 deg, Delta = 2.000
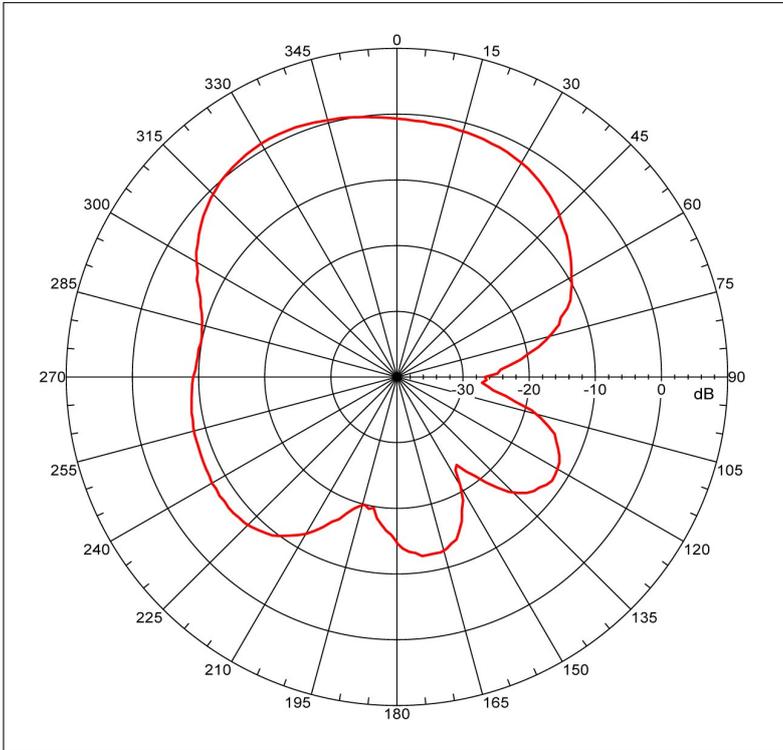deg
    Elevation (deg)
        Center = 0.000 deg, #pts = 1

Selected beam(s) 1 of 8
Beam   Frequency   Azimuth Elevation Pol
----   ---------   ------- --------- ---
6   1.850 GHz Azimuth Elevation Single-pol

Measured Performance at 1.9GHz Vertical Pane

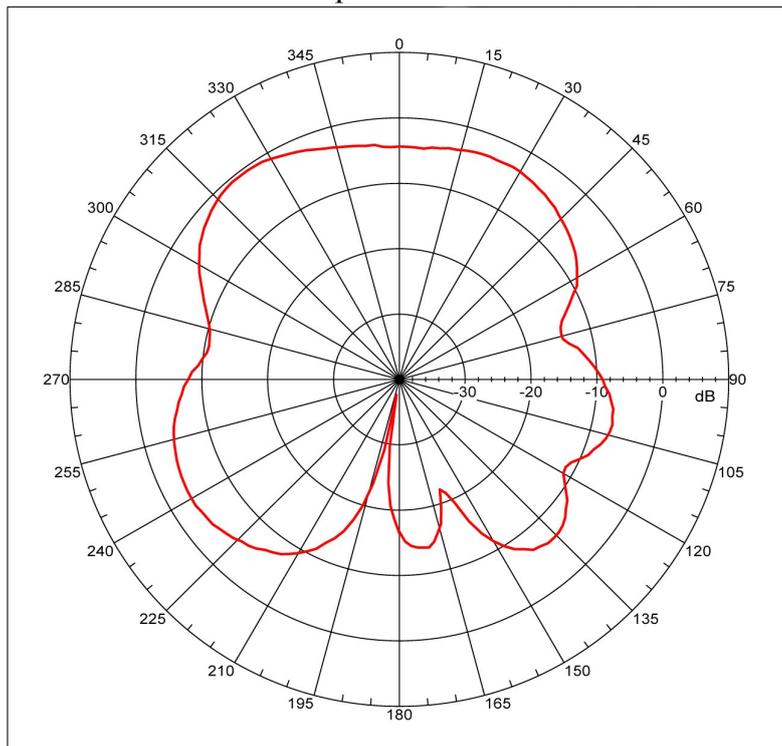### Far-field amplitude


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = 1.05238  dBi
Max far-field (global) = -45.98458  dB, Max far-field (plot) =
-45.98458  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: -28.00001  deg, Vpeak at: 0.000  deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:43:10 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -7.147 dB
    -3. dB beam width: 76.62 deg
    -6. dB beam width: 104.45 deg
    -10. dB beam width: 130.71 deg
    Left Sidelobe: -8.76 dB at -119.665  deg
    Right Sidelobe: -12.77 dB at 125.698  deg
Far-field display setup
    Azimuth (deg)
        Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
        Start= -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
    Elevation (deg)
        Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam     Frequency   Azimuth  Elevation  Pol
----     ---------   -------  ---------  ---
7        1.900  GHz  Azimuth  Elevation  Single-pol
```

Measured Performance at 2.17GHz Vertical Plane

Far-field amplitude


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = -0.59095  dBi
Max far-field (global) = -48.12306  dB, Max far-field (plot) =
-48.12307  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: -40.00001  deg, Vpeak at: 0.000  deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:43:10 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -6.723 dB
    -3. dB beam width: 44.74 deg
    -6. dB beam width: 116.88 deg
    -10. dB beam width: 143.19 deg
    Left Sidelobe: -2.99 dB at -117.654  deg
    Right Sidelobe: -2.68 dB at 23.129  deg
Far-field display setup
    Azimuth (deg)
        Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
        Start= -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
    Elevation (deg)
        Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam     Frequency   Azimuth  Elevation  Pol
----     ---------   -------  ---------  ---
8        2.170  GHz  Azimuth  Elevation  Single-pol
```
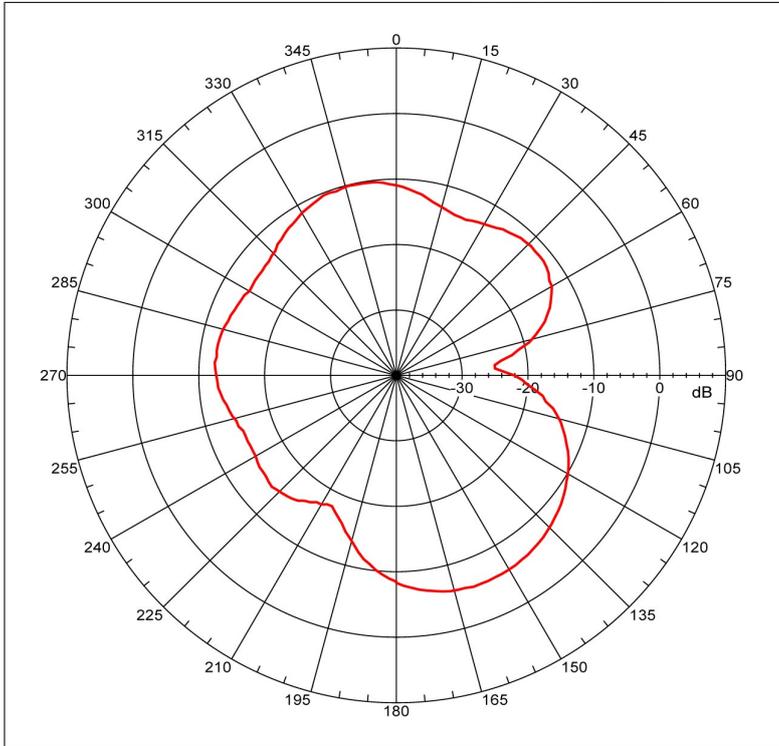
GSM Rugged 'Puck' Antenna IP67

Measured Performance at 824MHz Horizontal Plane
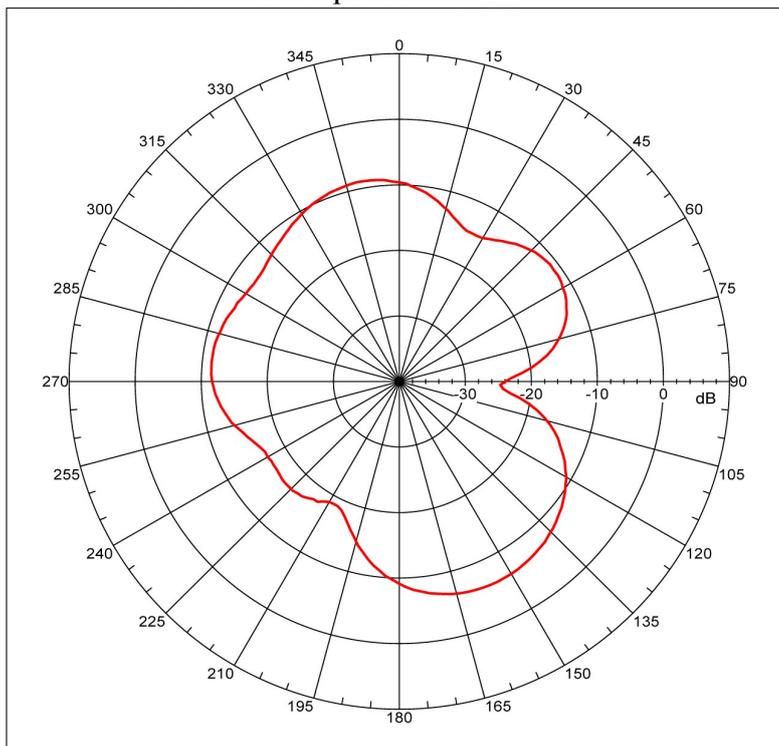
Far-field amplitude


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = -5.6551  dBi
Max far-field (global) = -48.65444  dB, Max far-field (plot) =
-48.65449  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: 155.99999  deg, Vpeak at: 0.000  deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:36:36 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -11.954 dB
    -3. dB beam width: Not Found
    -6. dB beam width: Not Found
    -10. dB beam width: Not Found
    Left Sidelobe: -5.98 dB at 51.285  deg
    Right Sidelobe: Not Found
Far-field display setup
    Azimuth (deg)
        Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
        Start= -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
    Elevation (deg)
        Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam    Frequency   Azimuth  Elevation  Pol
----    ---------   -------  ---------  ---
1       0.824  GHz  Azimuth  Elevation  Single-pol
```

Measured Performance at 850MHz Horizontal Plane

Far-field amplitude


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = -6.0091  dBi
Max far-field (global) = -47.26596  dB, Max far-field (plot) =
-47.26603  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: 153.99999  deg, Vpeak at: 0.000  deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:36:36 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -11.924 dB
    -3. dB beam width: Not Found
    -6. dB beam width: Not Found
    -10. dB beam width: Not Found
    Left Sidelobe: -5.01 dB at 57.318  deg
    Right Sidelobe: Not Found
Far-field display setup
    Azimuth (deg)
        Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
        Start= -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
    Elevation (deg)
        Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam    Frequency   Azimuth  Elevation  Pol
----    ---------   -------  ---------  ---
2       0.850  GHz  Azimuth  Elevation  Single-pol
```
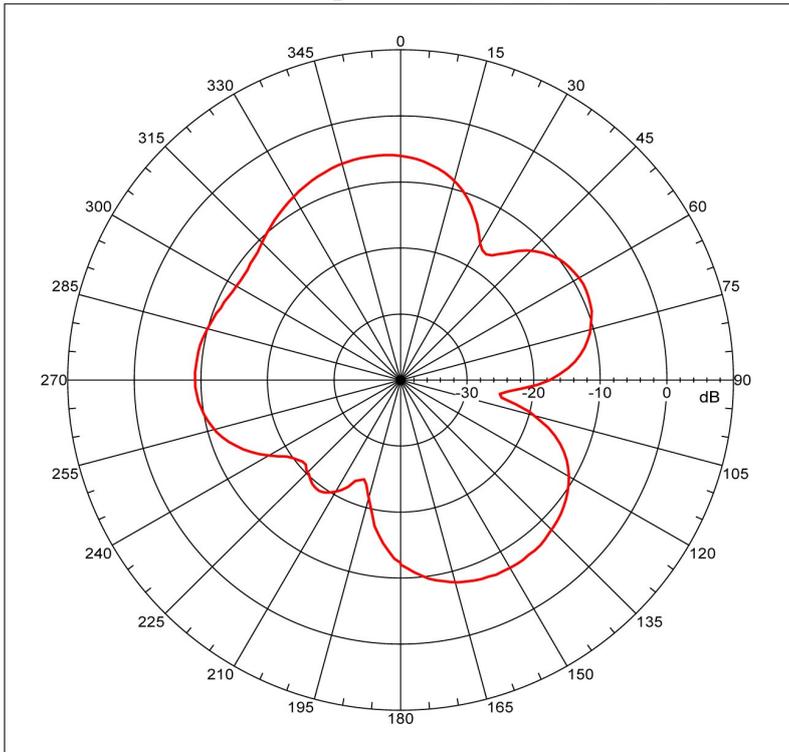
GSM Rugged 'Puck' Antenna IP67

Measured Performance at 900MHz Horizontal Plane
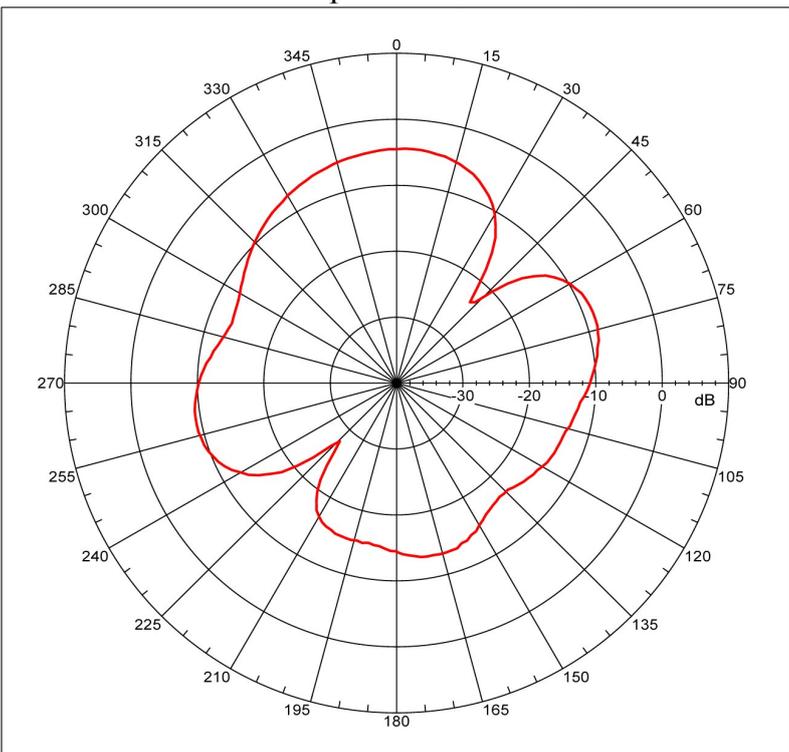

Far-field amplitude

```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = -5.85129  dBi
Max far-field (global) = -47.41097  dB, Max far-field (plot) =
-47.41097  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: -8.00001  deg, Vpeak at: 0.000  deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:36:36 PM, Filetype: NSI-97
Far-field Cut Analysis:
   Avg value: -11.058 dB
   -3. dB beam width: 50.84 deg
   -6. dB beam width: 131.05 deg
   -10. dB beam width: 147.96 deg
   Left Sidelobe: -3.26 dB at -87.486  deg
   Right Sidelobe: -3.11 dB at 63.352  deg
Far-field display setup
   Azimuth (deg)
      Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
      Start= -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
   Elevation (deg)
      Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam    Frequency   Azimuth  Elevation  Pol
----    ---------   -------  ---------  ---
3       0.900  GHz  Azimuth  Elevation  Single-pol
```

Measured Performance at 960MHz Horizontal Plane

Far-field amplitude

```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = -4.44603  dBi
Max far-field (global) = -47.0757  dB, Max far-field (plot) =
-47.0757  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: 1.99999  deg, Vpeak at: 0.000  deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:36:36 PM, Filetype: NSI-97
Far-field Cut Analysis:
   Avg value: -11.169 dB
   -3. dB beam width: 54.98 deg
   -6. dB beam width: 78.59 deg
   -10. dB beam width: 159.01 deg
   Left Sidelobe: -4.81 dB at -101.564  deg
   Right Sidelobe: -4.09 dB at 71.397  deg
Far-field display setup
   Azimuth (deg)
      Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
      Start= -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
   Elevation (deg)
      Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam    Frequency   Azimuth  Elevation  Pol
----    ---------   -------  ---------  ---
4       0.960  GHz  Azimuth  Elevation  Single-pol
```
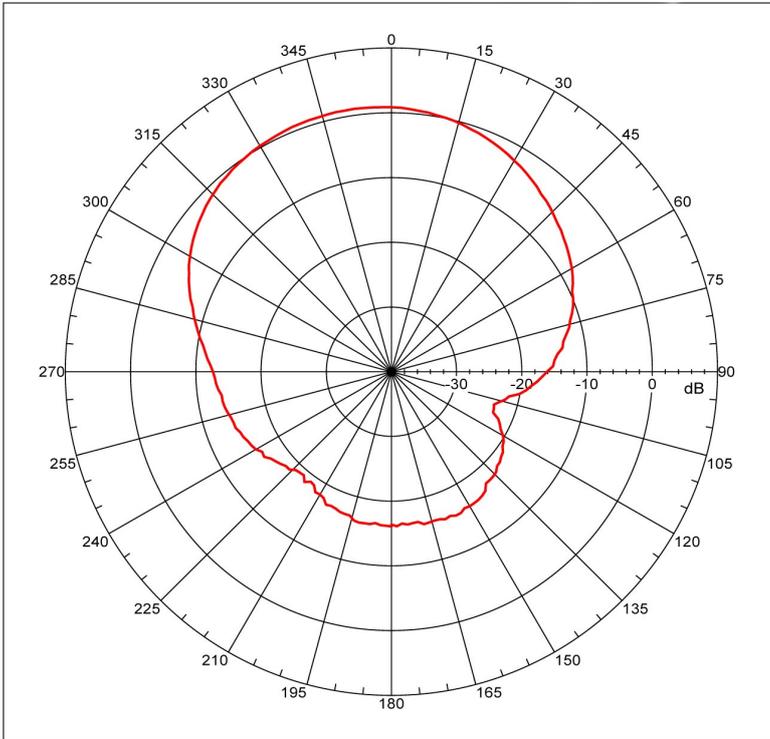
Measured Performance at 1.770GHz Horizontal Plane

Far-field amplitude


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = 0.97936  dBi
Max far-field (global) = -45.20866  dB, Max far-field (plot) =
-45.20867  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: -8.00001  deg, Vpeak at: 0.000  deg
Plot centering: On

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:36:36 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -7.677 dB
    -3. dB beam width: 77.92 deg
    -6. dB beam width: 107.69 deg
    -10. dB beam width: 140.44 deg
    Left Sidelobe: -19.01 dB at -147.821  deg
    Right Sidelobe: -18.43 dB at 139.777  deg
Far-field display setup
    Azimuth (deg)
      Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
      Start= -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
    Elevation (deg)
      Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam    Frequency   Azimuth   Elevation   Pol
----    ---------   -------   ---------   ---
5       1.770 GHz   Azimuth   Elevation   Single-pol
```
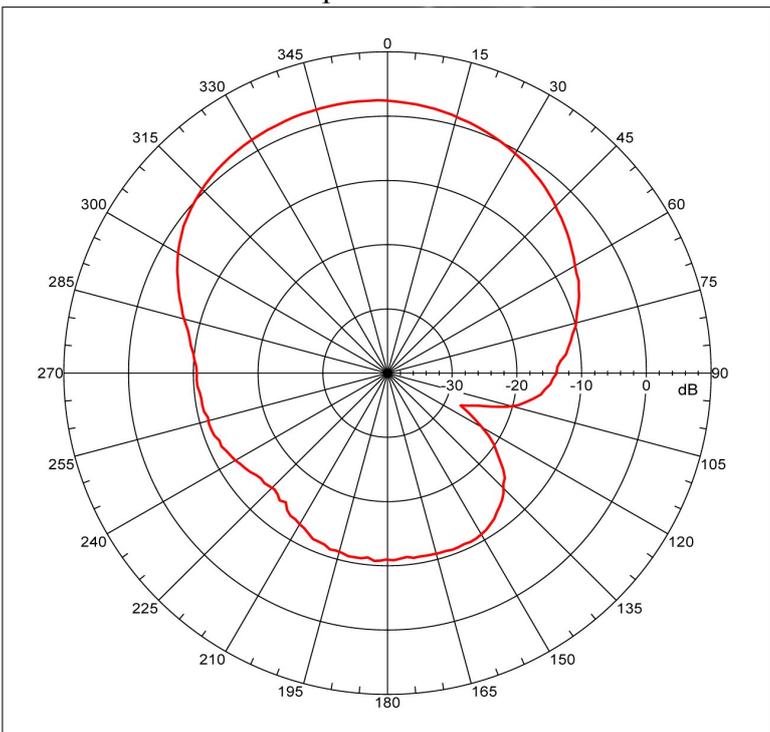
Measured Performance at 1.85GHz Horizontal Plane

Far-field amplitude


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = 2.52662  dBi
Max far-field (global) = -43.90042  dB, Max far-field (plot) =
-43.90041  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: -10.00001  deg, Vpeak at: 0.000  deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:36:36 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -5.617 dB
    -3. dB beam width: 80.58 deg
    -6. dB beam width: 109.08 deg
    -10. dB beam width: 141.03 deg
    Left Sidelobe: -13.70 dB at -161.899  deg
    Right Sidelobe: -13.28 dB at 155.866  deg
Far-field display setup
    Azimuth (deg)
      Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
      Start= -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
    Elevation (deg)
      Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam    Frequency   Azimuth   Elevation   Pol
----    ---------   -------   ---------   ---
6       1.850 GHz   Azimuth   Elevation   Single-pol
```
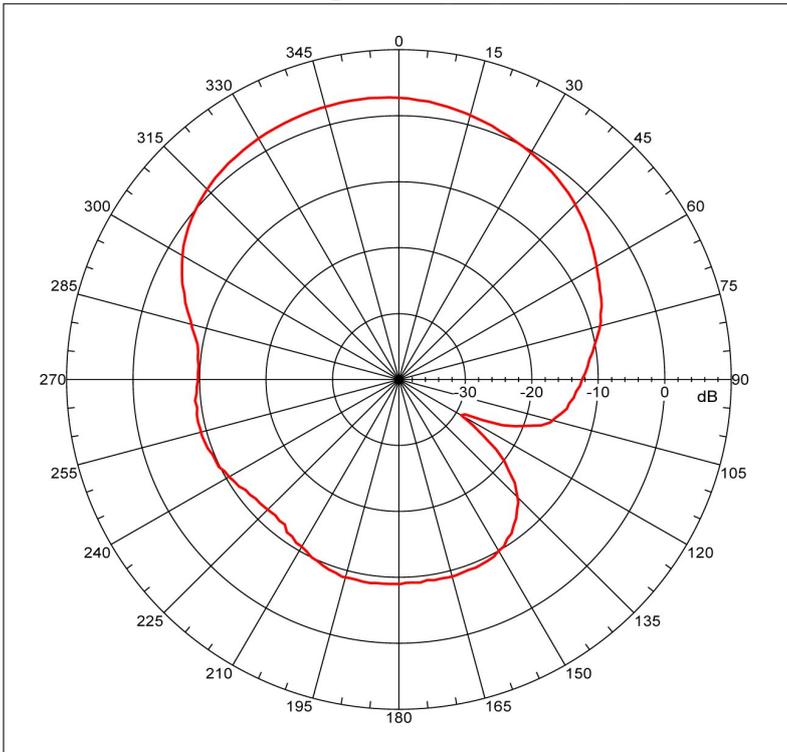
GSM Rugged 'Puck' Antenna IP67

Measured Performance at 1.9GHz Horizontal Plane

Far-field amplitude


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = 2.89236  dBi
Max far-field (global) = -44.1446  dB, Max far-field (plot) =
-44.1446  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: -6.00001  deg, Vpeak at: 0.000  deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:36:36 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -4.947 dB
    -3. dB beam width: 79.14 deg
    -6. dB beam width: 111.04 deg
    -10. dB beam width: 141.56 deg
    Left Sidelobe: -11.78 dB at -163.911  deg
    Right Sidelobe: -12.12 dB at 159.888  deg
Far-field display setup
    Azimuth (deg)
        Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
        Start= -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
    Elevation (deg)
        Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam    Frequency   Azimuth   Elevation   Pol
----    ---------   -------   ---------   ---
7       1.900  GHz  Azimuth   Elevation   Single-pol
```
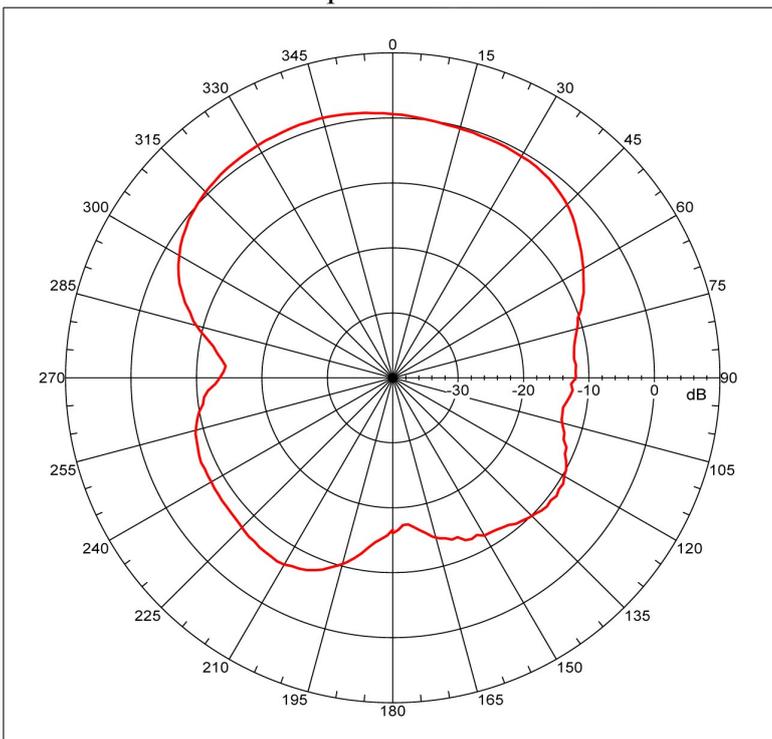
Measured Performance at 2.17GHz Horizontal Plane

Far-field amplitude


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000  deg
Gain = 1.44719  dBi
Max far-field (global) = -46.08492  dB, Max far-field (plot) =
-46.08493  dB
Normalization: Reference, Network offset = 0.000  dB
Hpeak at: -20.00001  deg, Vpeak at: 0.000  deg
Plot centering: On

GSM-04A

NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:36:36 PM, Filetype: NSI-97
Far-field Cut Analysis:
    Avg value: -5.442 dB
    -3. dB beam width: 98.16 deg
    -6. dB beam width: 120.42 deg
    -10. dB beam width: 142.39 deg
    Left Sidelobe: -9.40 dB at -113.631  deg
    Right Sidelobe: -10.71 dB at 123.687  deg
Far-field display setup
    Azimuth (deg)
        Span = 360.00001  deg, Center = 0.000  deg, #pts = 181
        Start -180.00001  deg, Stop = 180.00001  deg, Delta = 2.000
deg
    Elevation (deg)
        Center = 0.000  deg, #pts = 1

Selected beam(s) 1 of 8
Beam    Frequency   Azimuth   Elevation   Pol
----    ---------   -------   ---------   ---
8       2.170  GHz  Azimuth   Elevation   Single-pol
```

RF Solutions Ltd. Recycling Notice
Meets the following EC Directives:

DO NOT
Discard with normal waste, please recycle.

ROHS Directive 2002/95/EC
Specifies certain limits for hazardous substances.

WEEE Directive 2002/96/EC
Waste electrical & electronic equipment. This product
must be disposed of through a licensed WEEE collection
point. RF Solutions Ltd., fulfills its WEEE obligations by
membership of an approved compliance scheme.

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