

- GSM 4G Quad Band Antenna
- Low Profile Package
- World-Wide Use
  - 824 - 960MHz
  - 1710 - 2170MHz
  - 2600– 2700MHz
- Up to +3dBi Gain
- Rugged IP67 Waterproof
- VSWR <2.0
- 3metres RG316 Cable
- SMA Male Connector
- Operates from –30 to +80°C
- M12 Screw thread Connector
- RHCP (right hand circular polarization)



### Applications

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

### Description

A Rugged antenna with high performance for worldwide use. This antenna provides 4G GSM Antenna with 2dBi gain. Housed in a rugged low profile UV resistant IP67 housing, this antenna is compact and resistant to Vandalism.

Part No	Description	Cable Length	Connector
ANT-GSMPUKS-IP67	GSM QuadBand Puck Antenna	3metres	SMA (M)

# GSM Rugged 'Puck' Antenna IP67

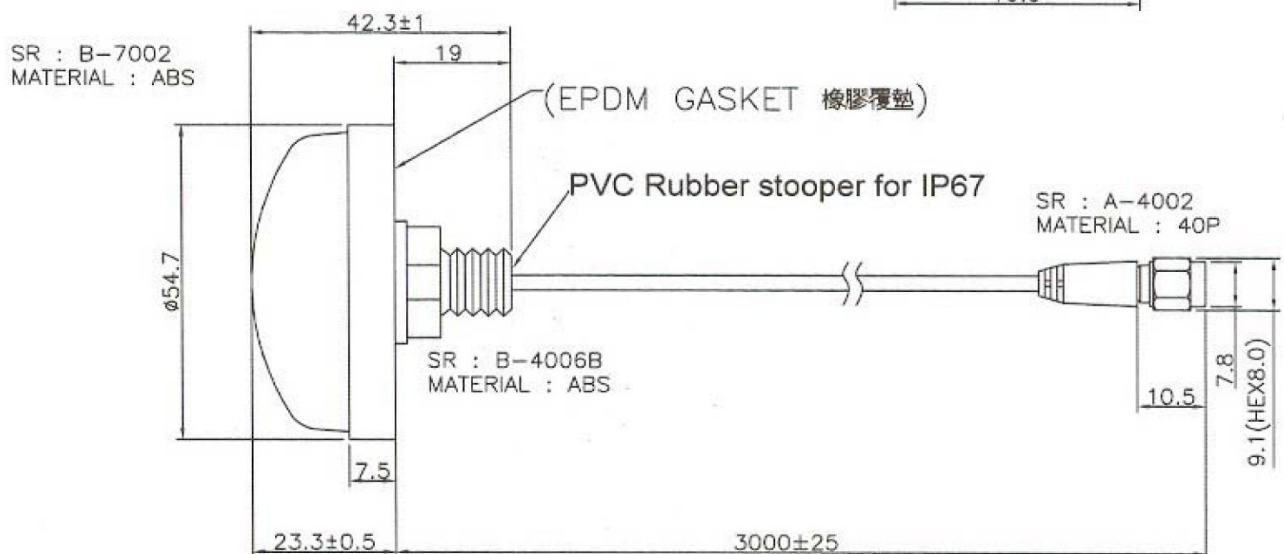
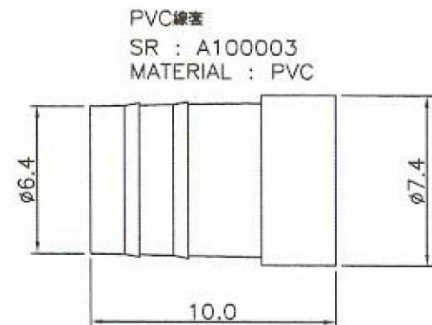


## Underside View



## Mechanical Data

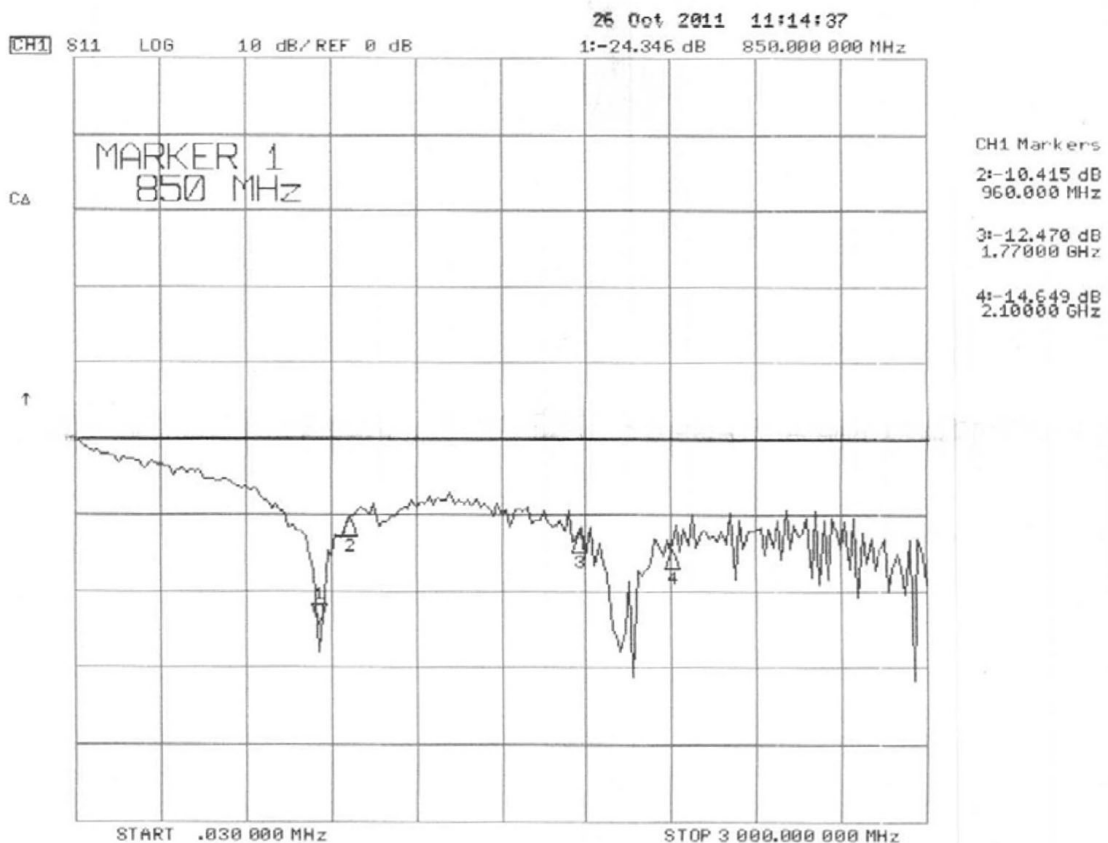
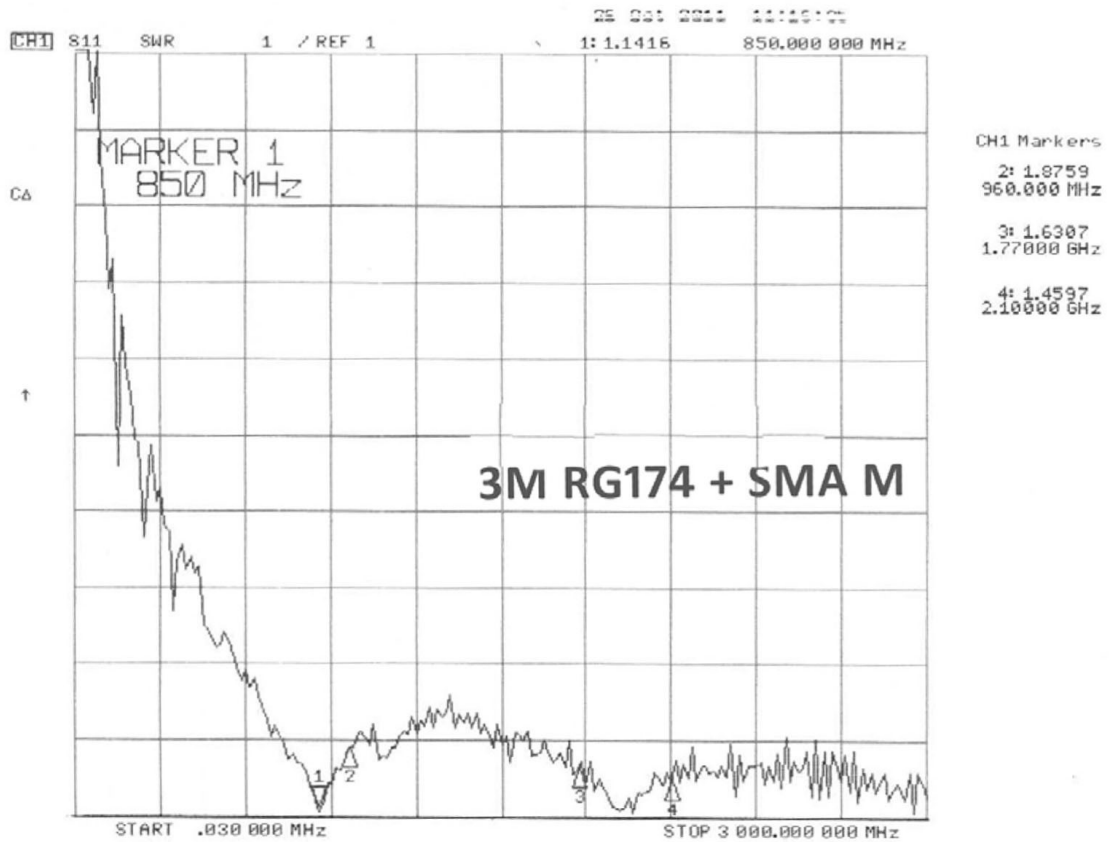
Cable	RG174U	Impedance	50 OHM
OD	$\phi 2.7 \pm 0.15 \text{mm}$	V.S.W.R	2.0:1
Cover	Black	P.C.B	CH67-1M
SMA M	GOLD(鍍金)		
Frequency	850~960 MHz		
	1770~2100 MHz		



# GSM Rugged 'Puck' Antenna IP67



## Test VSWR

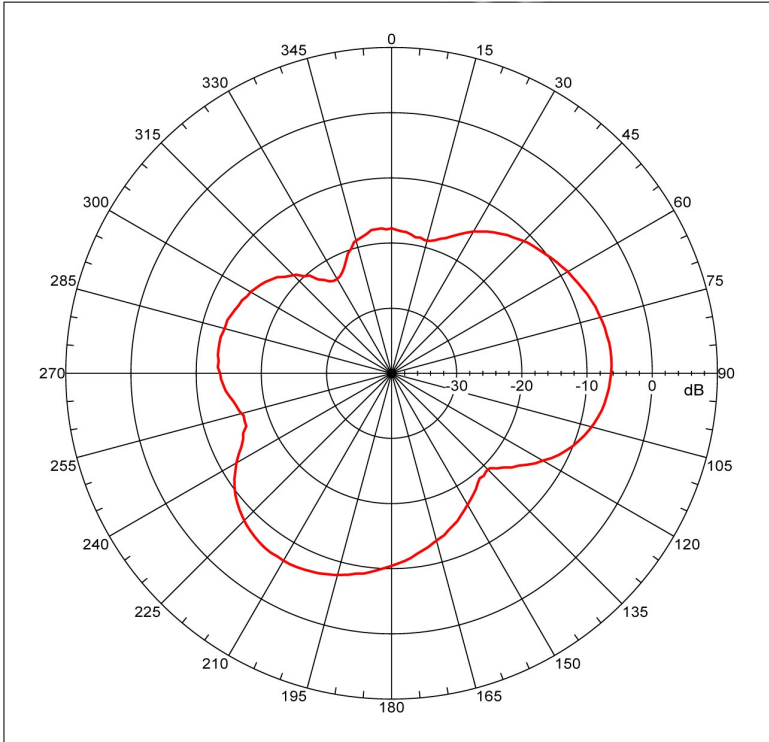


# GSM Rugged 'Puck' Antenna IP67



## Measured Performance at 824MHz Vertical Plane

Far-field amplitude



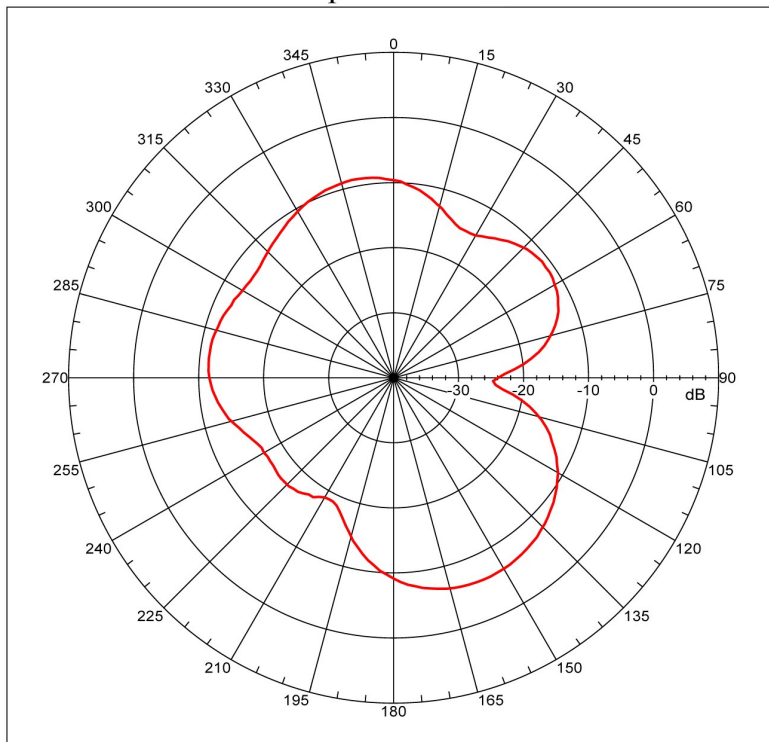
Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg  
 Gain = -5.20455 dB  
 Max far-field (global) = -49.20389 dB, Max far-field (plot) = -49.20395 dB  
 Normalization: Reference, Network offset = 0.000 dB  
 Hpeak at: 85.99999 deg, Vpeak at: 0.000 deg  
 Plot centering: On

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 dB  
 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  

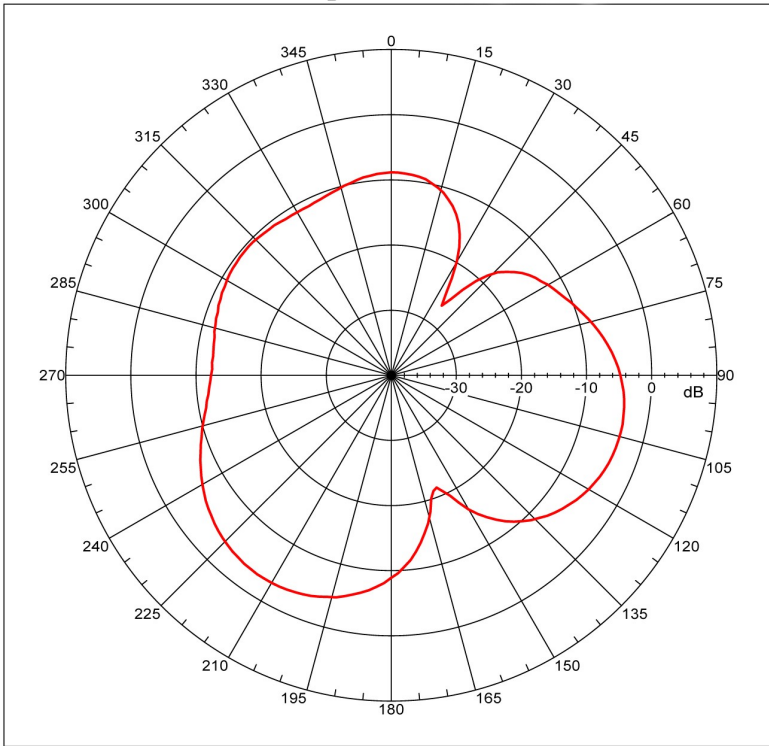
Beam	Frequency	Azimuth	Elevation	Pol
2	0.850 GHz	Azimuth	Elevation	Single-pol

# GSM Rugged 'Puck' Antenna IP67



## Measured Performance at 900MHz Vertical Plane

Far-field amplitude



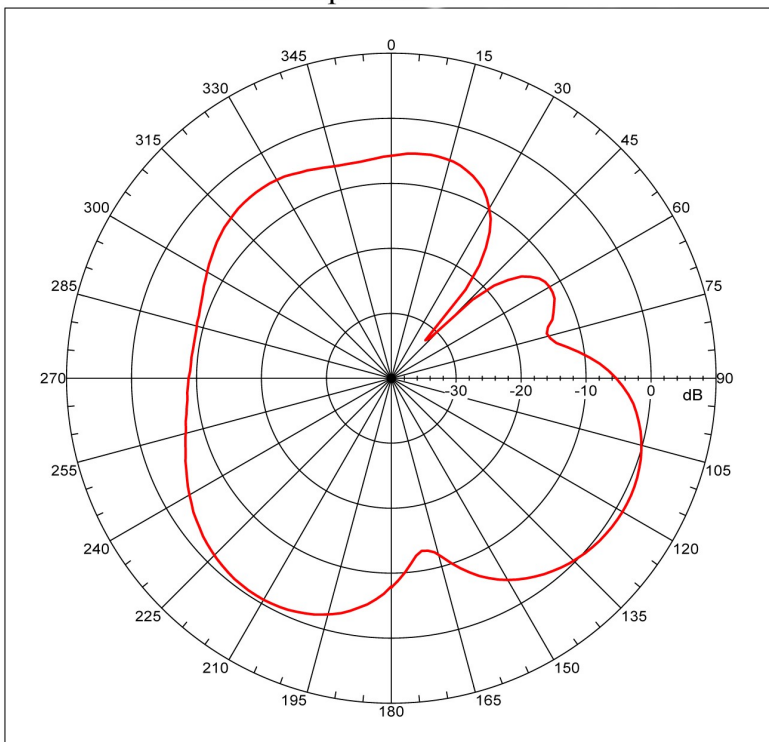
```

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
Rpeak 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
Rpeak at: 119.99999 deg, Vpeak at: 0.000 deg
Plot centering: On

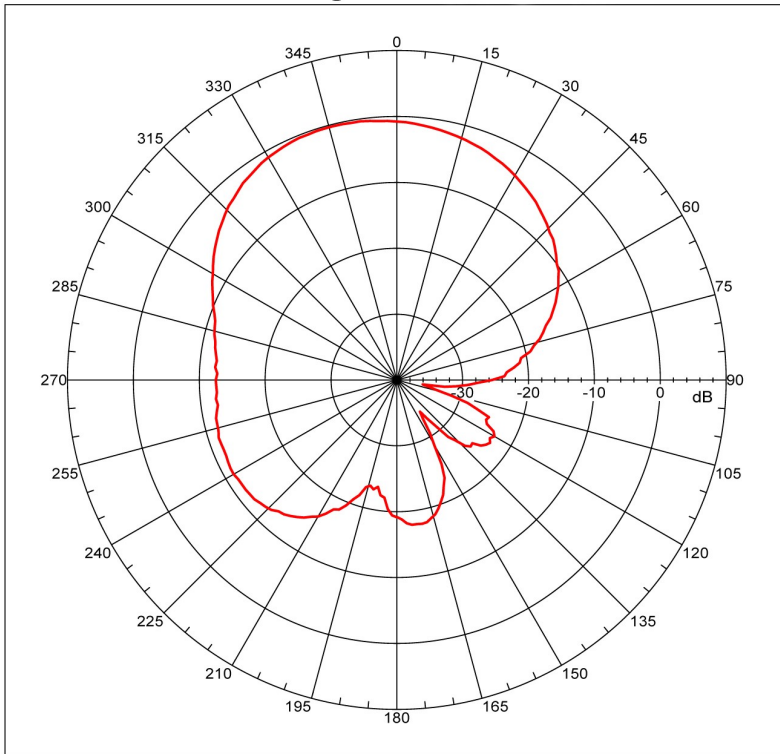
NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20
Measurement date/time: 4/15/2014 1:43:10 PM, Filetype: NSI-97
Far-field Cut Analysis:
Avg value: -5.226 dB
-3. dB beam width: 44.75 deg
-6. dB beam width: 61.32 deg
-10. dB beam width: 75.85 deg
Left Sidelobe: -12.98 dB at 83.352 deg
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



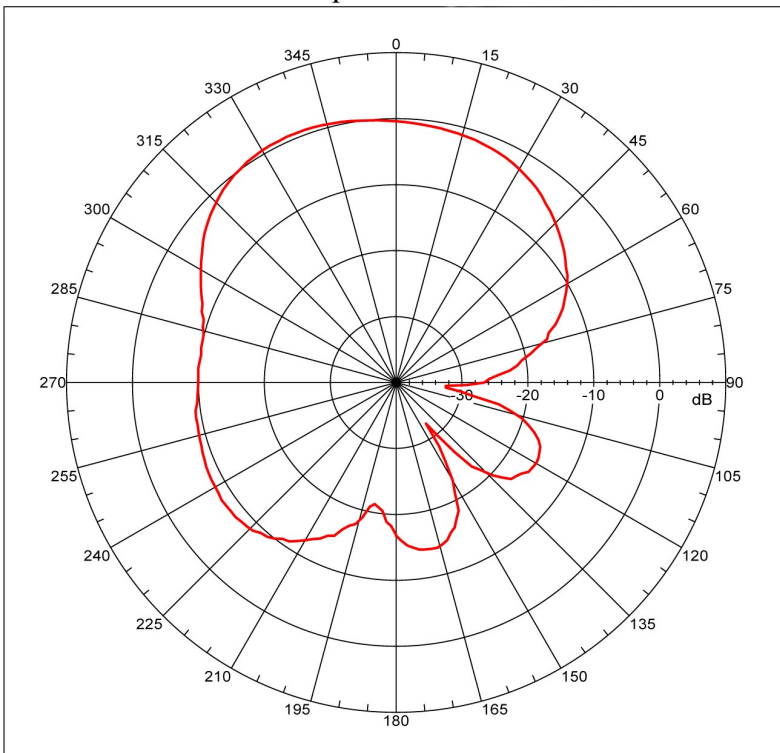
```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = -0.30641 dB
Max far-field (global) = -46.49443 dB, Max far-field (plot) =
-46.49443 dB
Normalization: Reference, Network offset = 0.000 dB
Hpeak at: -14.00001 deg, Vpeak at: 0.000 deg
Plot centering: On

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 dB
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

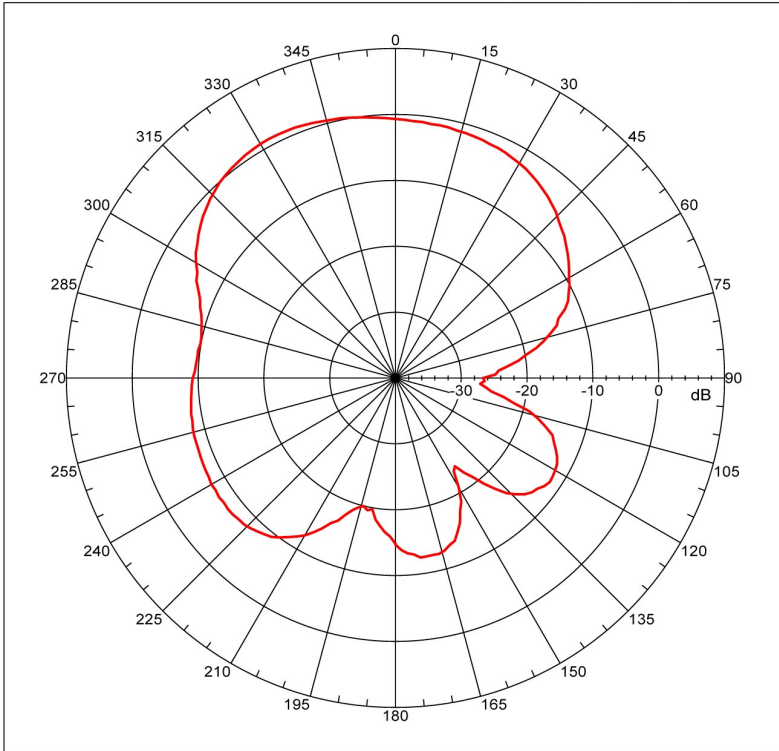
Selected beam(s) 1 of 8
Beam Frequency Azimuth Elevation Pol
-----
6 1.850 GHz Azimuth Elevation Single-pol
```

# GSM Rugged 'Puck' Antenna IP67



## 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

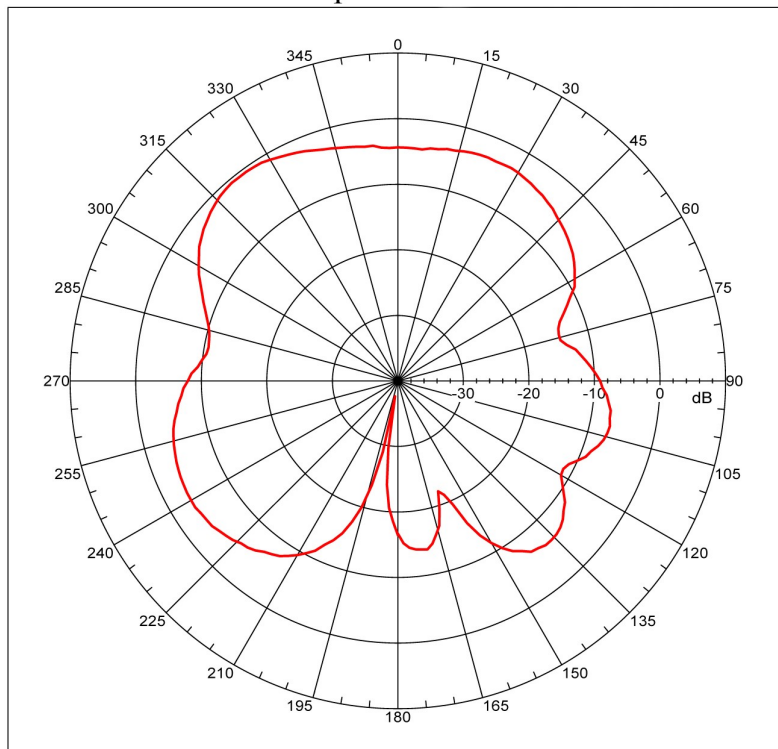
GSM-04A  
 NSI2000 V4.0.124, Filename:C:\Documents and Settings\NSI\Desktop\20  
 Measurement date/time: 4/15/2014 1:43:10 PM, Filetype: NSI-97  
 Far-field Cut Analysis:  
 Avg value: -7.147 dB  
 -3. dB beam width: 76.62 deg  
 -6. dB beam width: 104.45 deg  
 -10. dB beam width: 130.71 deg  
 Left 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  

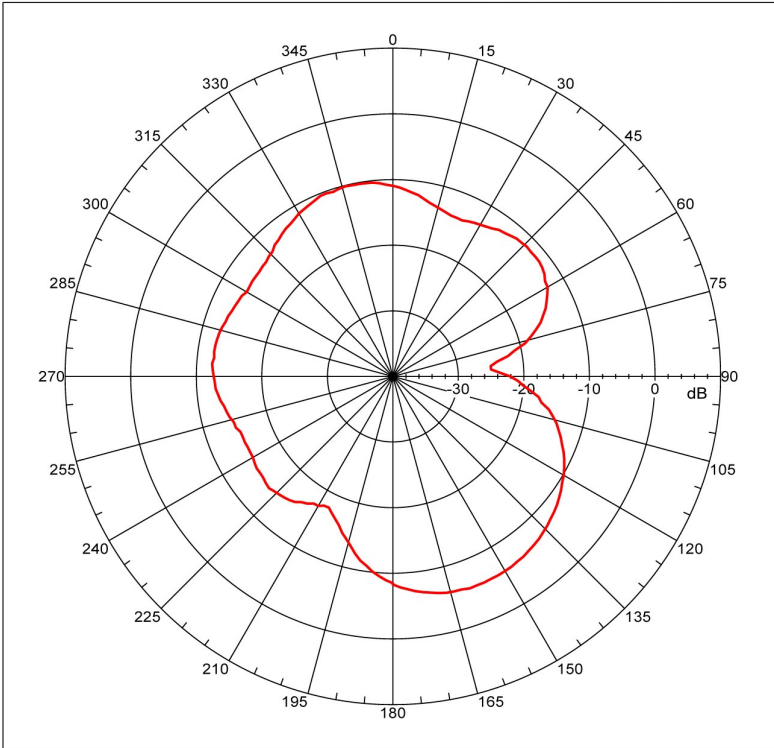
Beam	Frequency	Azimuth	Elevation	Pol
8	2.170 GHz	Azimuth	Elevation	Single-pol

# GSM Rugged 'Puck' Antenna IP67



## Measured Performance at 824MHz Horizontal Plane

Far-field amplitude

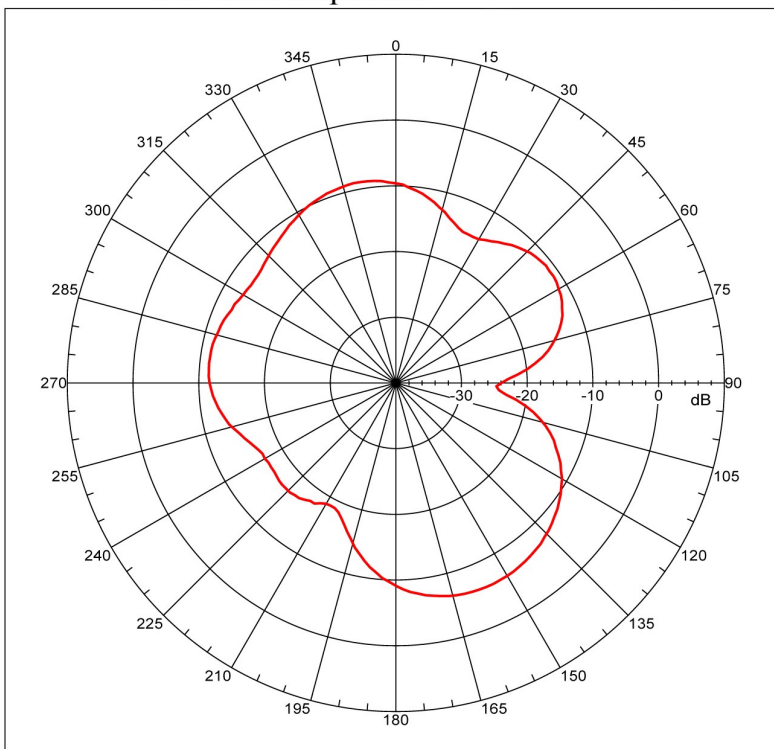


Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg  
Gain = -5.6551 dBi  
Max far-field (global) = -48.65444 dB, Max far-field (plot) = -48.65449 dB  
Normalization: Reference, Network offset = 0.000 dB  
Hpeak at: 155.99999 deg, Vpeak at: 0.000 deg  
Plot centering: On

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

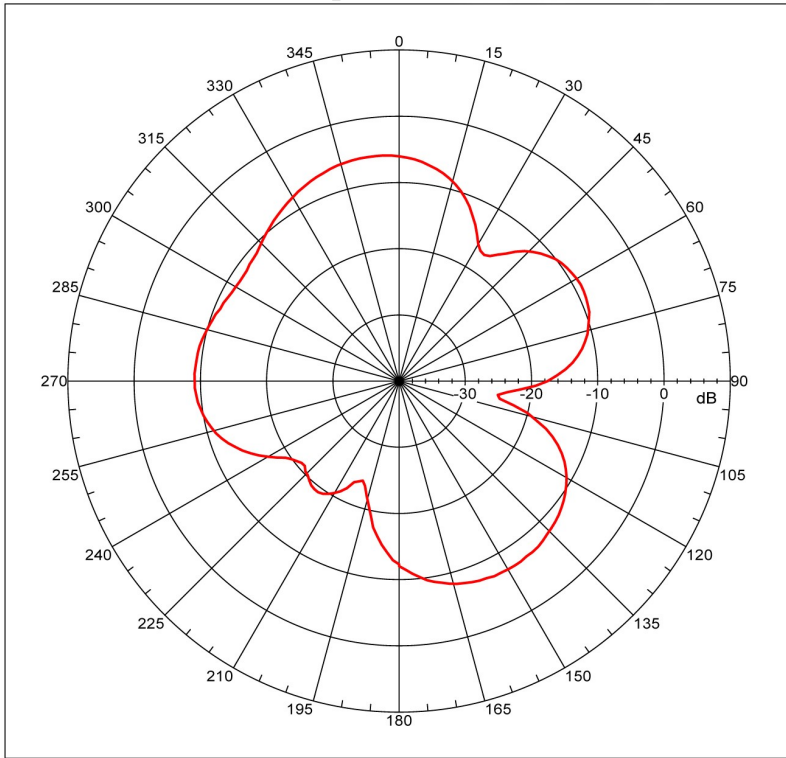


# GSM Rugged 'Puck' Antenna IP67



## Measured Performance at 900MHz Horizontal Plane

Far-field amplitude



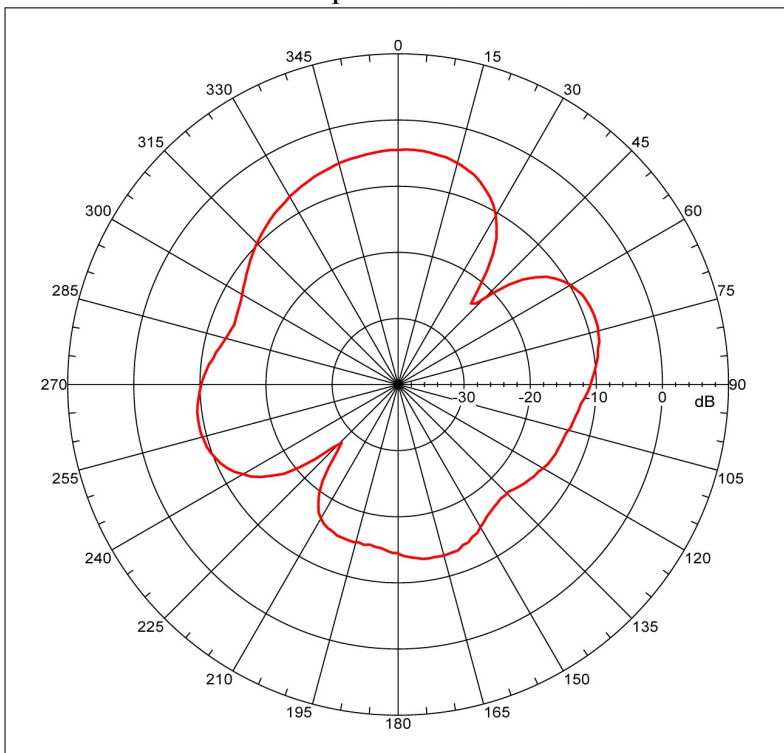
```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = -5.85129 dBi
Max far-field (global) = -47.41097 dB, Max far-field (plot) =
-47.41097 dB
Normalization: Reference, Network offset = 0.000 dB
Npeak at: -9.00001 deg, Vpeak at: 0.000 deg
Plot centering: On

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
Npeak at: 1.99599 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 -103.564 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

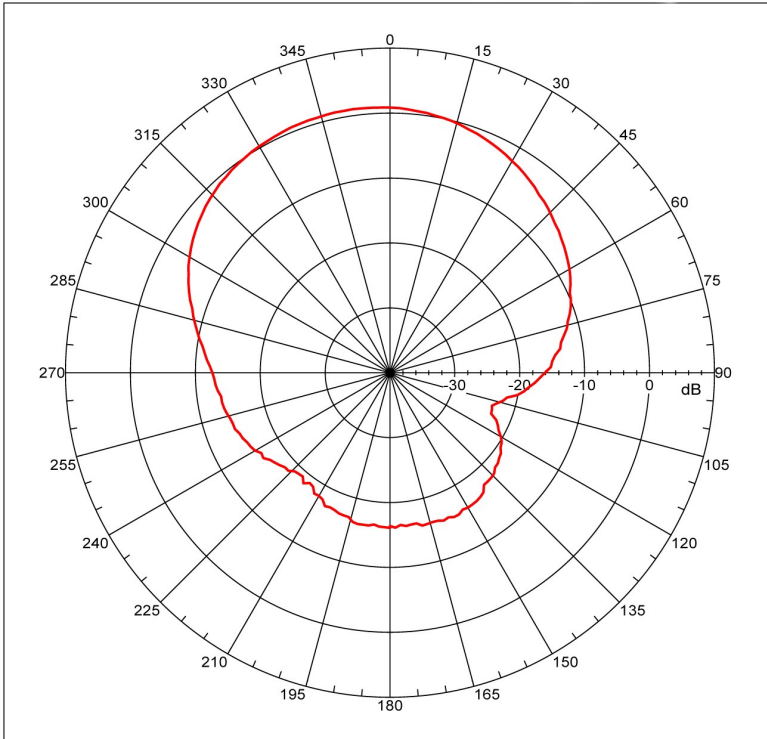
Selected beam(s) 1 of 8
Beam Frequency Azimuth Elevation Pol
----
4 0.960 GHz Azimuth Elevation Single-pol
```

# GSM Rugged 'Puck' Antenna IP67



## Measured Performance at 1.770GHz Horizontal Plane

Far-field amplitude



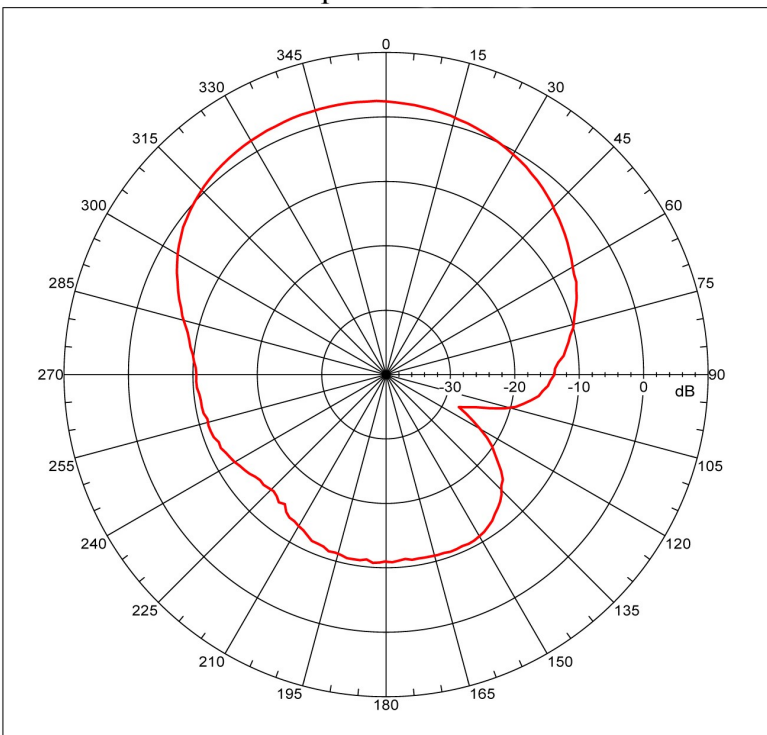
Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg  
 Gain = 0.97536 dBi  
 Max far-field (global) = -45.20866 dB, Max far-field (plot) = -45.20867 dB  
 Normalization: Reference, Network offset = 0.000 dB  
 Hpeak at: -8.00001 deg, Vpeak at: 0.000 deg  
 Plot centering: On

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: -19.43 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

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

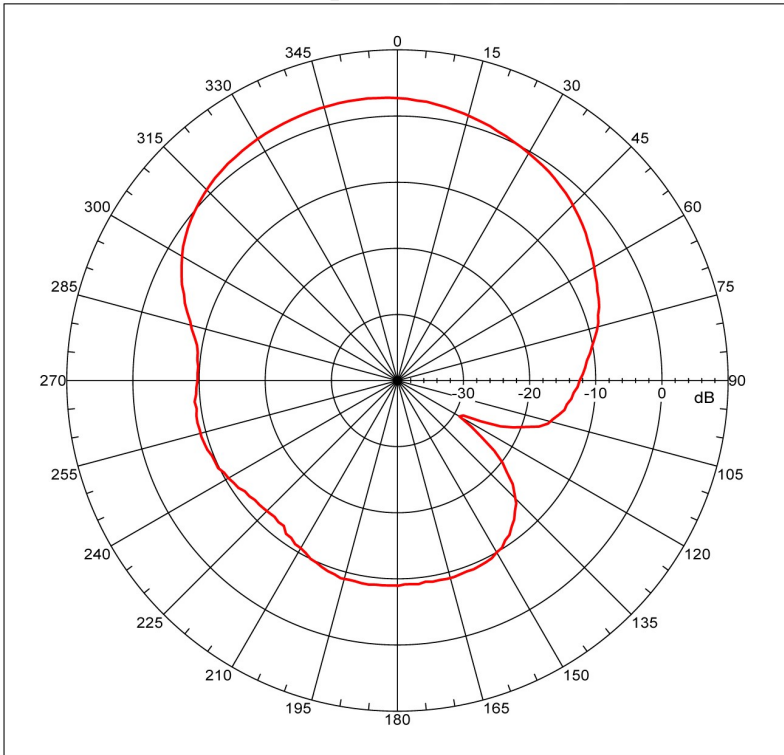
Beam	Frequency	Azimuth	Elevation	Pol
6	1.850 GHz	Azimuth	Elevation	Single-pol

# GSM Rugged 'Puck' Antenna IP67



## Measured Performance at 1.9GHz Horizontal Plane

Far-field amplitude

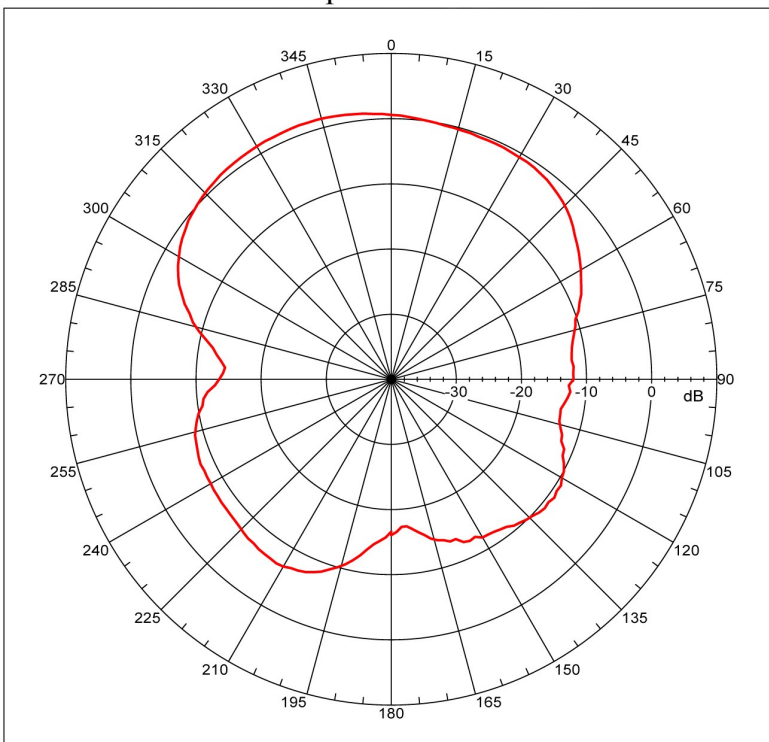


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = 2.89236 dBi
Max far-field (global) = -44.1446 dB, Max far-field (plot) =
-44.1446 dB
Normalization: Reference, Network offset = 0.000 dB
Hpeak at: -6.00001 deg, Vpeak at: 0.000 deg
Plot centering: On

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) =
-46.08492 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
```

# GSM Rugged 'Puck' Antenna IP67

---



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

[www.rfsolutions.co.uk](http://www.rfsolutions.co.uk)

**RF Solutions Ltd**

William Alexander House, William Way, Burgess Hill, West Sussex, RH15 9AG  
Sales: +44(0)1444 227 910      Tech Support: +44(0)1444 227909

