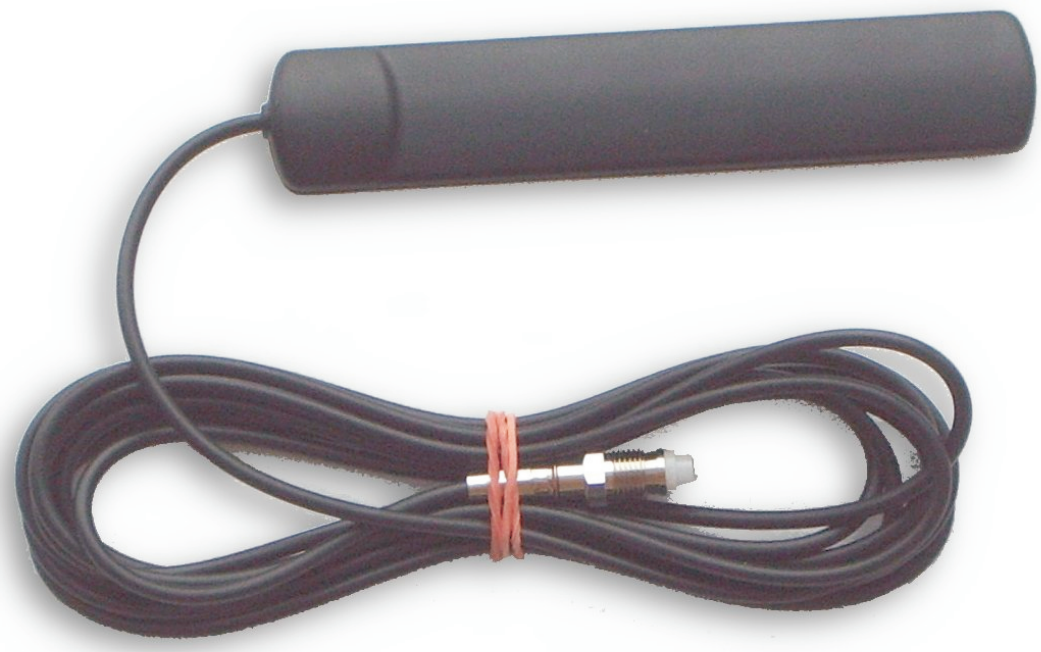
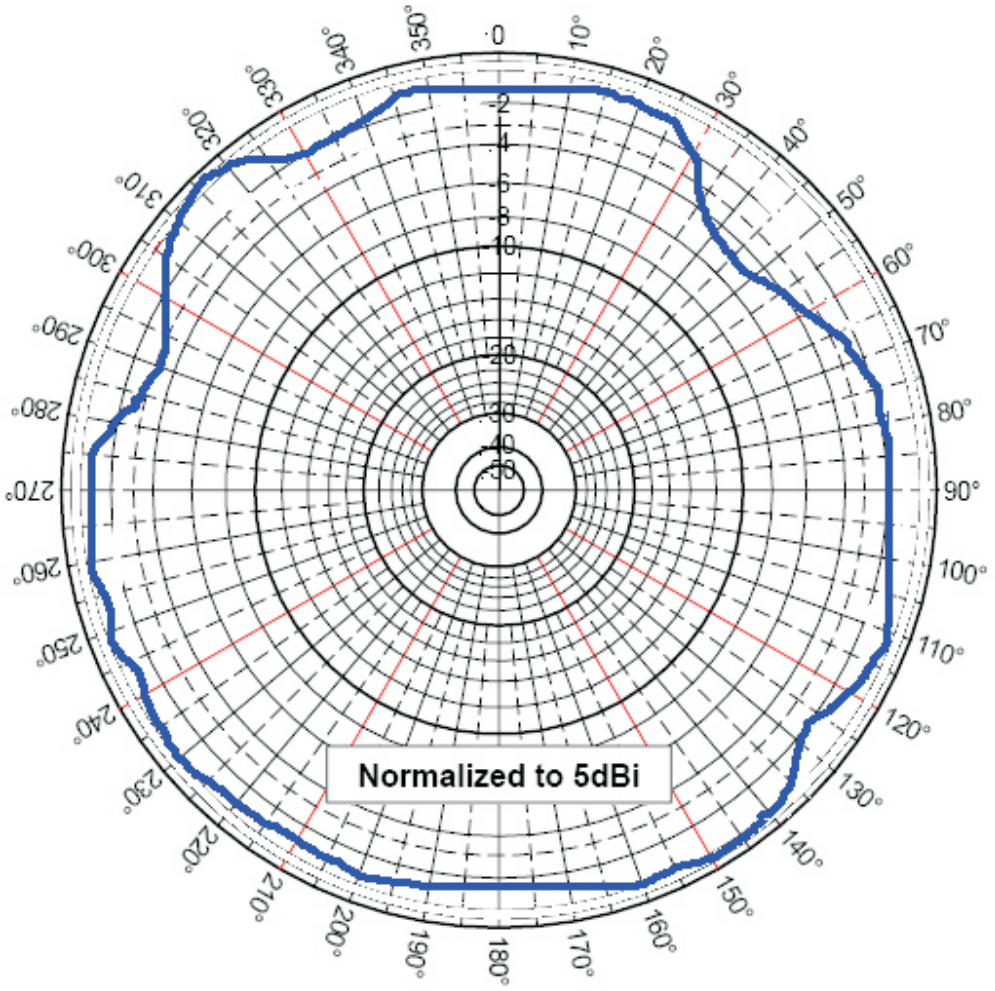
patch antenna | 2J500



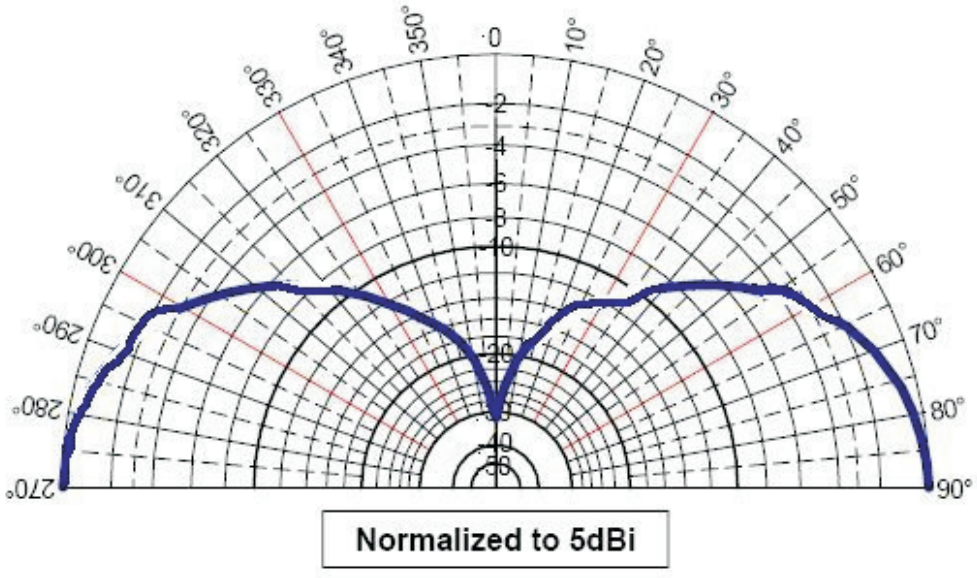
reference

2J500

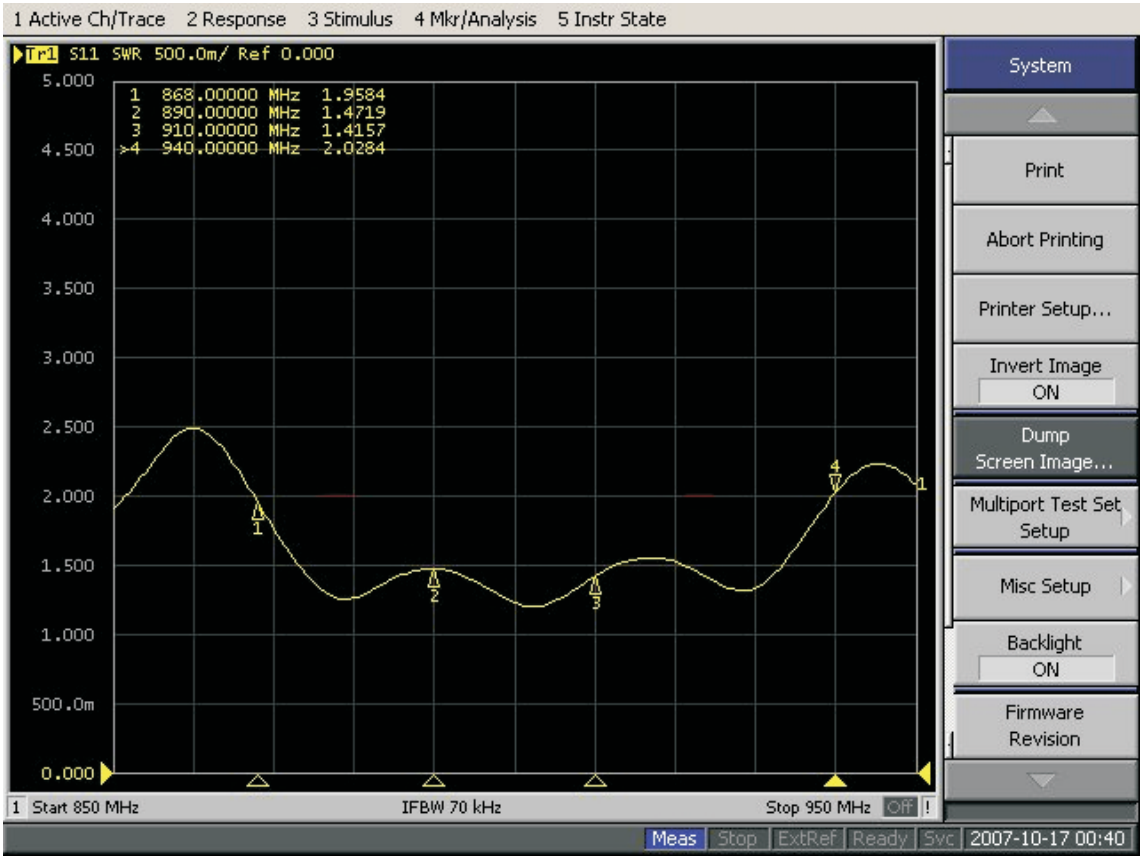
mounting position	**ON GLASS**
nominal impedance	**50 Ohms**
frequency	**GSM 900, 1800 MHz / PCN 1,9GHz UMTS 2,1GHz/ Bluetooth 2,4GHz**
polarisation	**VERTICAL**
gain	**0 dBi**
vswr	**<2:1**
power handling	**25W**
cable	**2.5m RG174**
connector	**FME Female**
housing size	**22mm x 116,5mm x 5-7mm**
working temperature	**-40°C to +85°C**

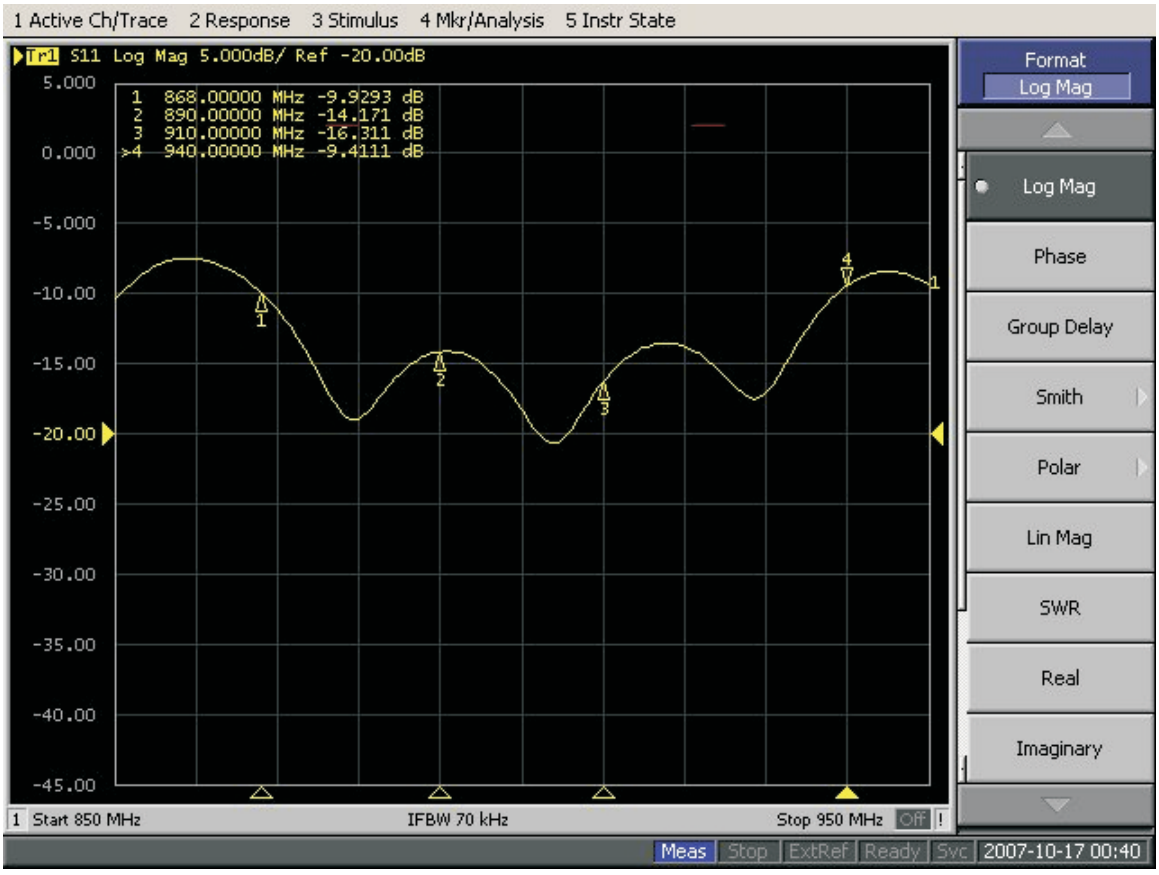


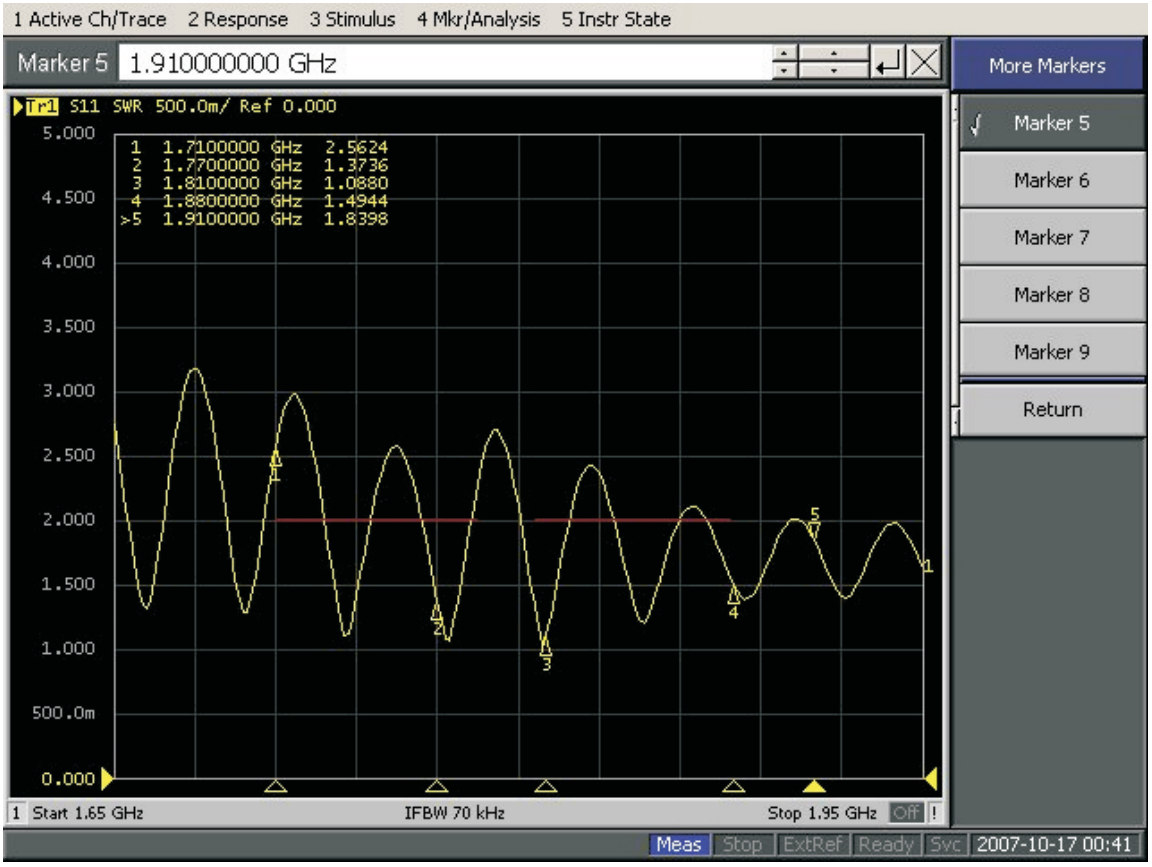
Azimuthal Pattern (X, Y or E-Plane)

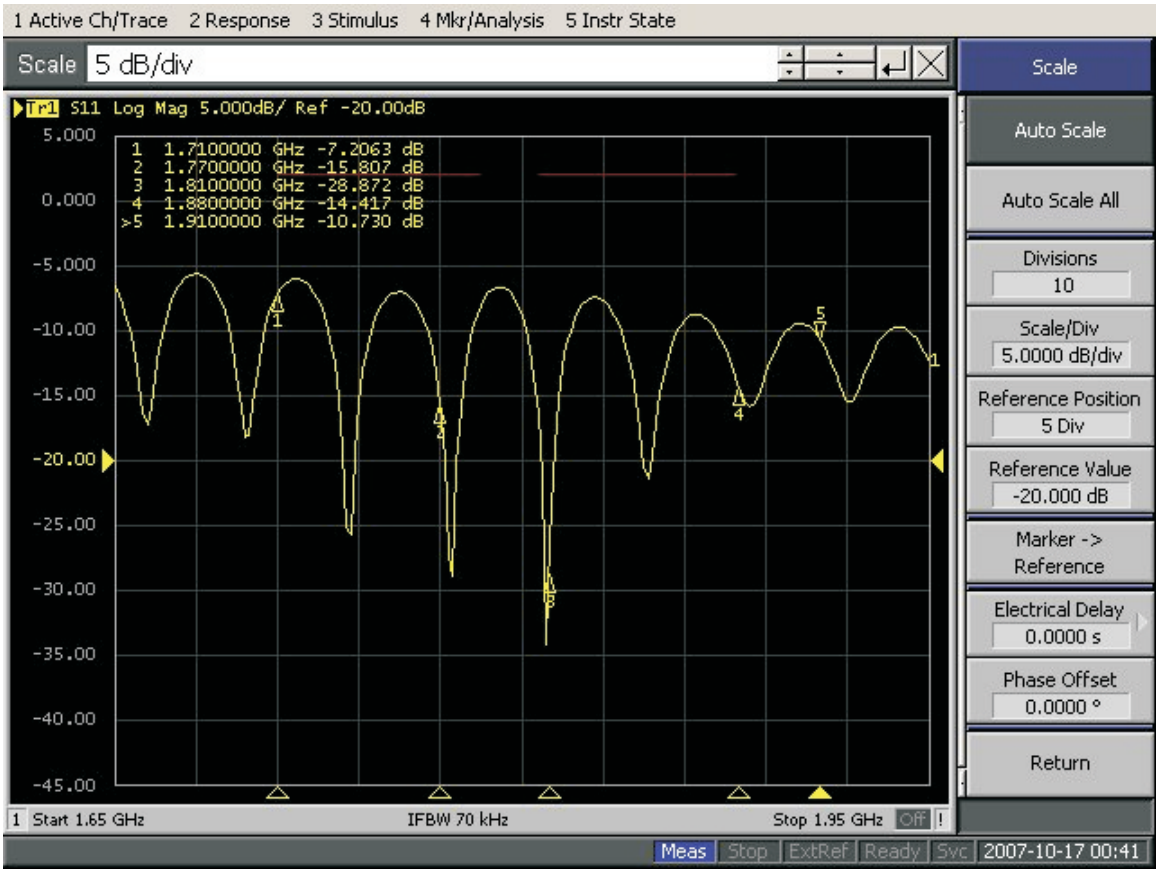


Elevation Pattern (Z, Y or H-Plane)


1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State
Tr1 S11 SWR 500.0m/ Ref 0.000
1 868.00000 MHz 1.9584
2 890.00000 MHz 1.4719
3 910.00000 MHz 1.4157
>4 940.00000 MHz 2.0284
5.000
4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
500.0m
0.000
1 Start 850 MHz
IFBW 70 kHz
Stop 950 MHz
Off
!
Meas
Stop
ExtRef
Ready
Svc
2007-10-17 00:40
System
Print
Abort Printing
Printer Setup...
Invert Image
ON
Dump
Screen Image...
Multiport Test Set
Setup
Misc Setup
Backlight
ON
Firmware
Revision


1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State
Tr1 S11 Log Mag 5.000dB/ Ref -20.00dB
1 868.00000 MHz -9.9293 dB
2 890.00000 MHz -14.171 dB
3 910.00000 MHz -16.311 dB
>4 940.00000 MHz -9.4111 dB
5.000
0.000
-5.000
-10.00
-15.00
-20.00
-25.00
-30.00
-35.00
-40.00
-45.00
1 Start 850 MHz
IFBW 70 kHz
Stop 950 MHz
Off
!
Meas
Stop
ExtRef
Ready
Svc
2007-10-17 00:40
Format
Log Mag
Log Mag
Phase
Group Delay
Smith
Polar
Lin Mag
SWR
Real
Imaginary


1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State
Marker 5 1.910000000 GHz
More Markers
Marker 5
Marker 6
Marker 7
Marker 8
Marker 9
Return
Tr1 S11 SWR 500.0m/ Ref 0.000
1 1.7100000 GHz 2.5624
2 1.7700000 GHz 1.3736
3 1.8100000 GHz 1.0880
4 1.8800000 GHz 1.4944
>5 1.9100000 GHz 1.8398
5.000
4.500
4.000
3.500
3.000
2.500
2.000
1.500
1.000
500.0m
0.000
1 Start 1.65 GHz
IFBW 70 kHz
Stop 1.95 GHz
Off
Meas
Stop
ExtRef
Ready
Svc
2007-10-17 00:41


1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State
Scale 5 dB/div
Scale
Auto Scale
Auto Scale All
Divisions
10
Scale/Div
5.0000 dB/div
Reference Position
5 Div
Reference Value
-20.000 dB
Marker -> Reference
Electrical Delay
0.0000 s
Phase Offset
0.0000 °
Return
Tr1 S11 Log Mag 5.000dB/ Ref -20.00dB
1 1.7100000 GHz -7.2063 dB
2 1.7700000 GHz -15.807 dB
3 1.8100000 GHz -28.872 dB
4 1.8800000 GHz -14.417 dB
>5 1.9100000 GHz -10.730 dB
5.000
0.000
-5.000
-10.00
-15.00
-20.00
-25.00
-30.00
-35.00
-40.00
-45.00
1 Start 1.65 GHz
IFBW 70 kHz
Stop 1.95 GHz
Off
Meas
Stop
ExtRef
Ready
Svc
2007-10-17 00:41