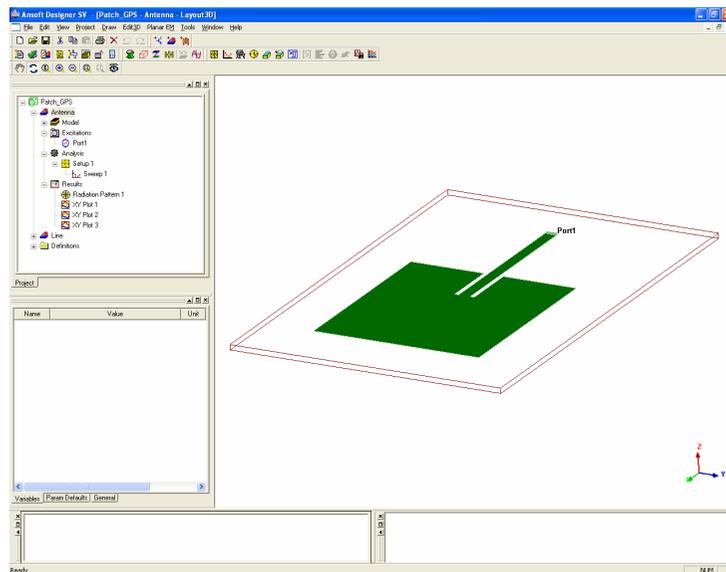
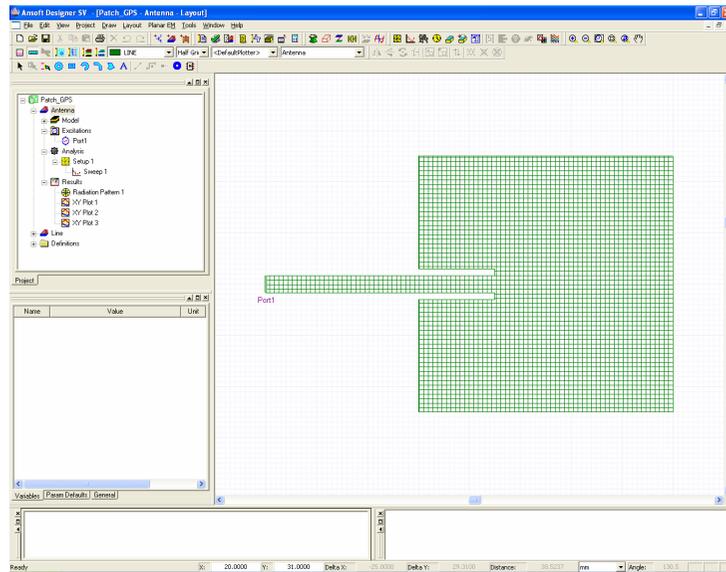




Laboratorio

ANTENNE STAMPATE

ESERCITAZIONE – ANTENNE STAMPATE



Edit Layers - Antenna

Layers Stackup

Name	Type	Material	Drag Mode	Thickness	Lower Elevation	Upper Elevation	Roughness
LINE	signal	copper	middle align	0mm	1.5mm	1.5mm	0mm
substrate	dielectric	Taconic RF-35 (tm)		1.5mm	0mm	1.5mm	
GP	metalizedsignal	copper	middle align	0mm	0mm	0mm	0mm

Add Layer... Remove Layer Number of Sublayers: 1

Maintain consistent elevations and ordered layers

OK Annulla ?

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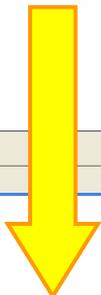
Solutions: Patch_GPS - Antenna

Design Variation: [Setup 1]

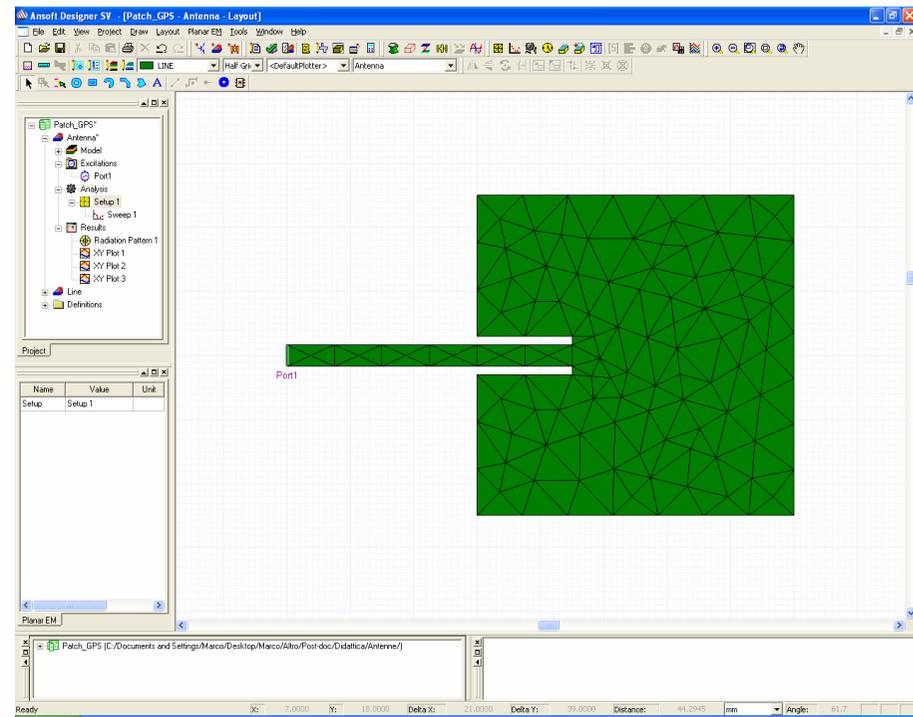
Simulation: [Setup 1]

Matrix | Convergence | Profile

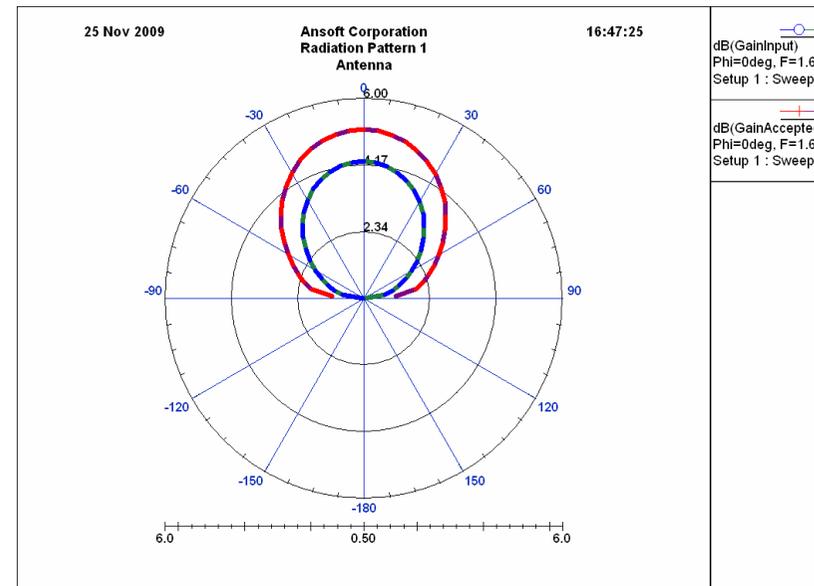
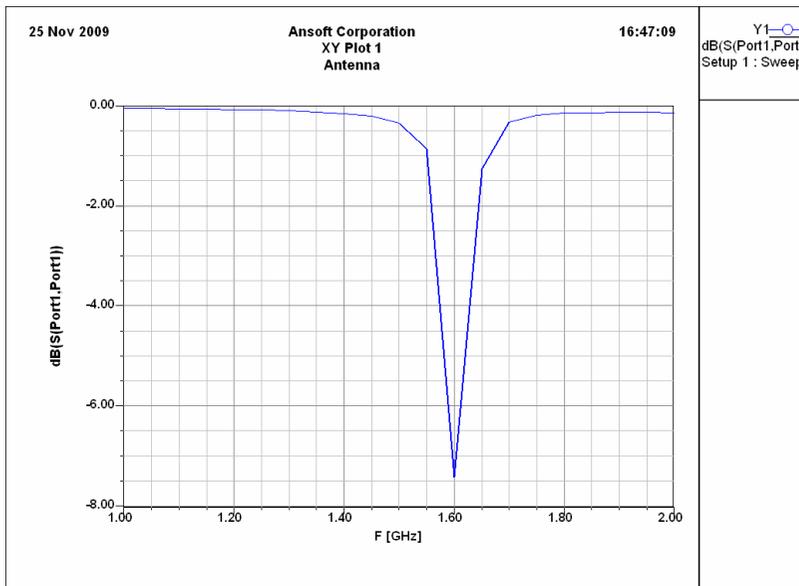
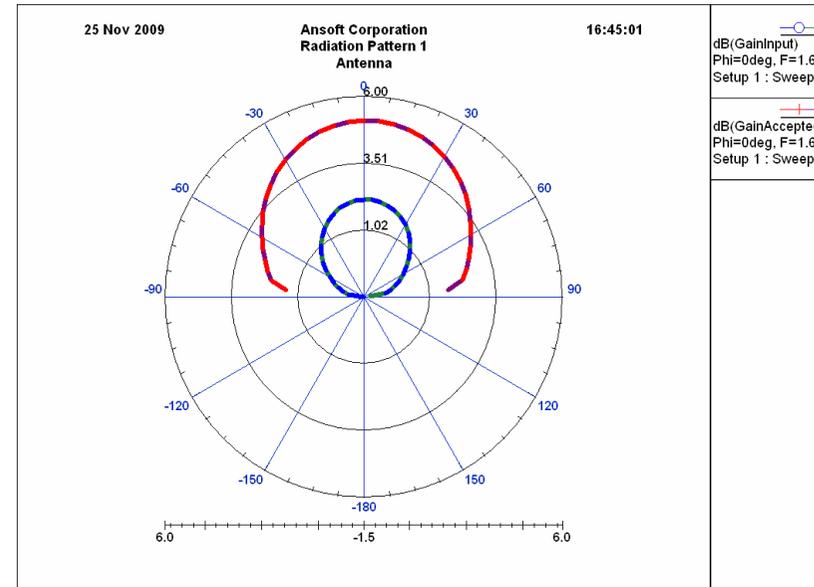
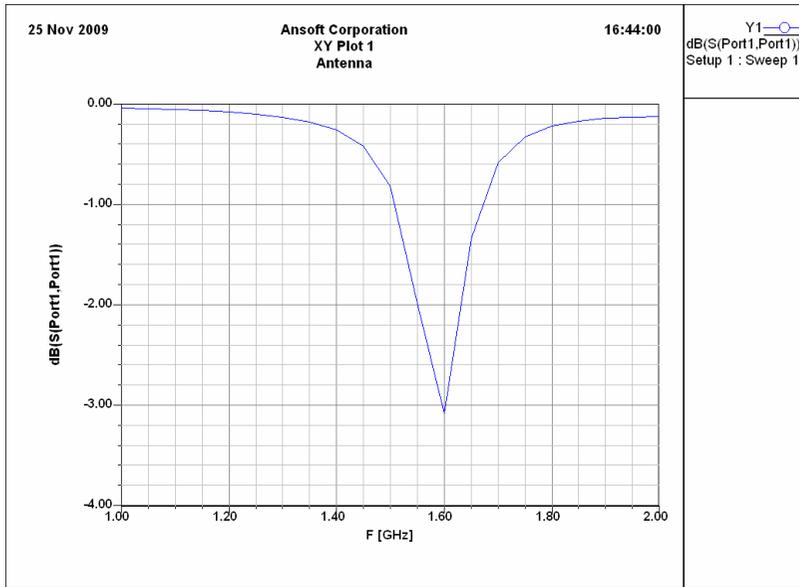
Task	Real Time	CPU Time	Memory	Information
Start				25/11/2009 16:46:42; Host: DJS-C394; Processors: 2; O/S: NT 5.1; Memory: 2047M (2047M)
Advanced Settings:				Accuracy level 2; Maximum direct solver size is 3000; Maximum iterative solver size is 6000; Maximum number of RHS in block iterative solver reset to 10;
Discrete Frequency ...				
1.000000	00:00:01	00:00:01	75.6 M	287 Unknowns; 206 Triangles
1.050000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.100000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.150000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.200000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.250000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.300000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.350000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.400000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.450000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.500000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.550000	00:00:00	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.600000	00:00:00	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.650000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.700000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.750000	00:00:00	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.800000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.850000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.900000	00:00:00	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.950000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
2.000000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
Total	00:00:17	00:00:01		25/11/2009 16:47:07



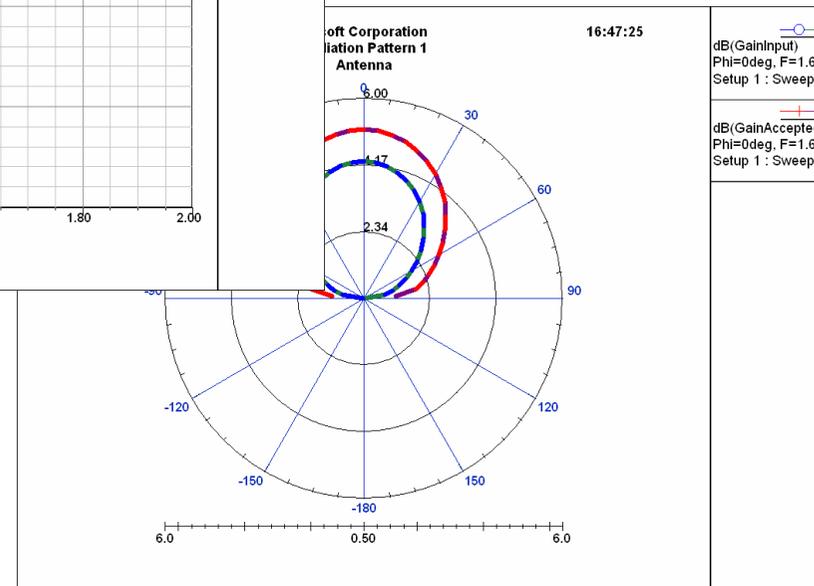
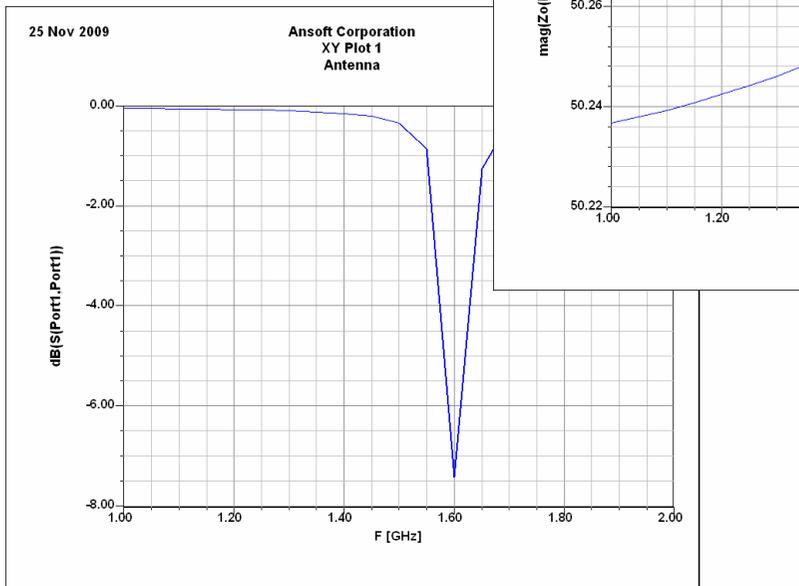
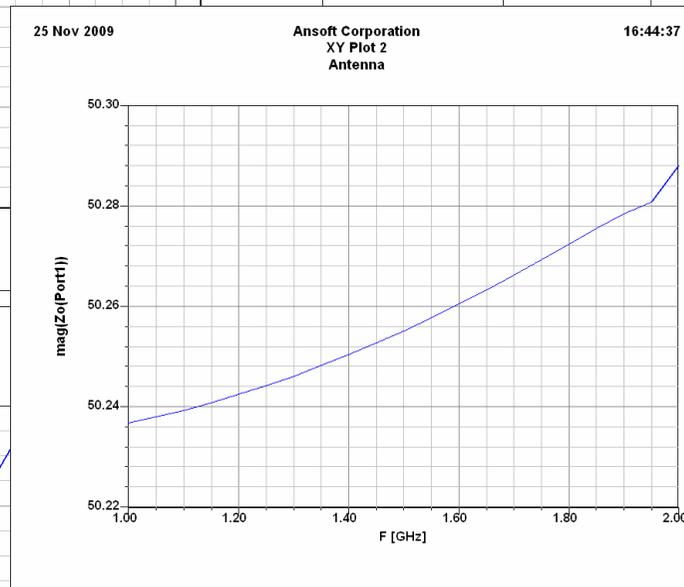
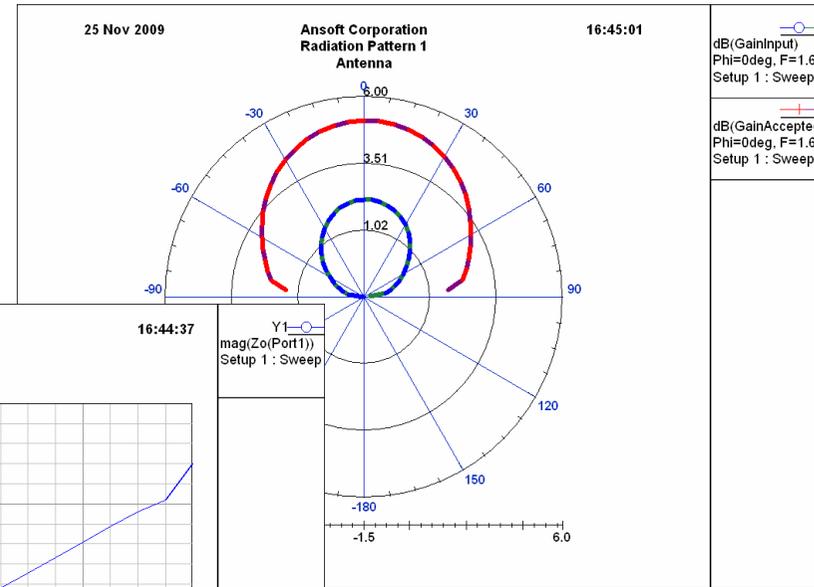
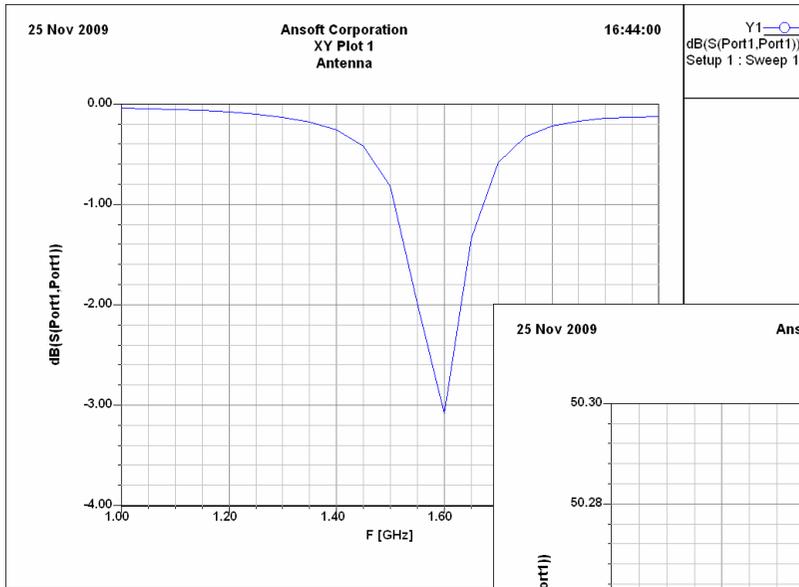
1.700000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.750000	00:00:00	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.800000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.850000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.900000	00:00:00	00:00:00	75.6 M	287 Unknowns; 206 Triangles
1.950000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
2.000000	00:00:01	00:00:00	75.6 M	287 Unknowns; 206 Triangles
Total	00:00:17	00:00:01		25/11/2009 16:47:07



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Frequenza: ~ 1.5 GHz
Lunghezza d'onda: ~ 20 cm

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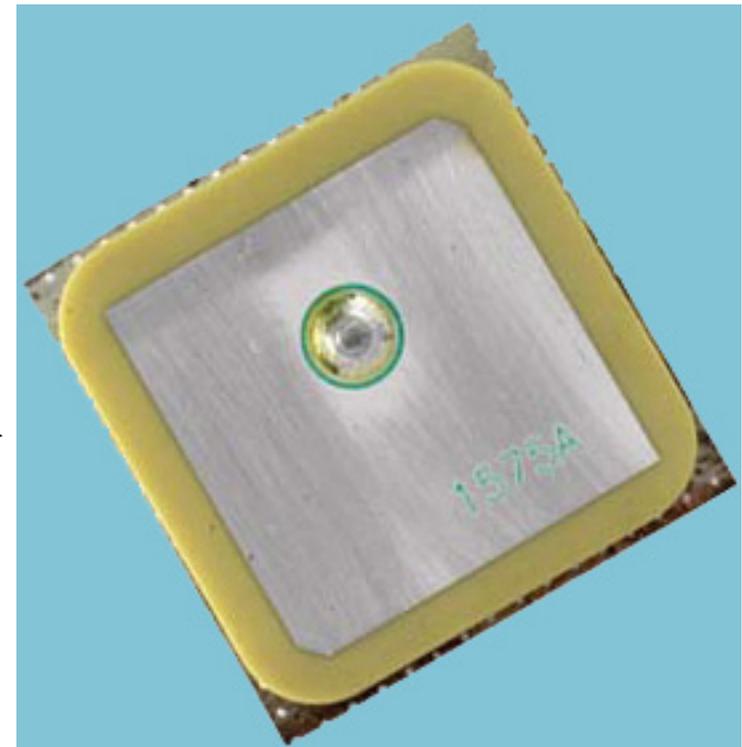


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di Pavia



Frequenza: ~ 1.5 GHz
Lunghezza d'onda: ~ 20 cm

Substrato: RF35
 ϵ_r : ~ 3.5
spessore: ~ 1.5 mm



Lunghezza d'onda nel dielettrico: ~ 10 cm