



**UNIVERSITY
OF TRENTO**

DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY

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ECC UWB ANTENNA

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Technical Report DIT-06-087

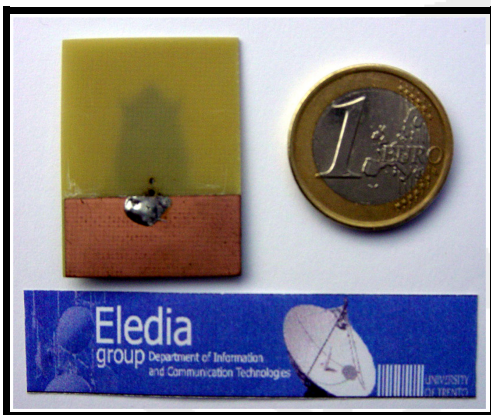
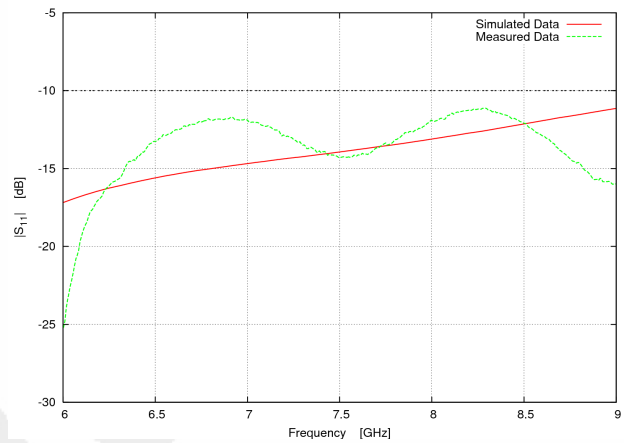


ECC UWB Antenna

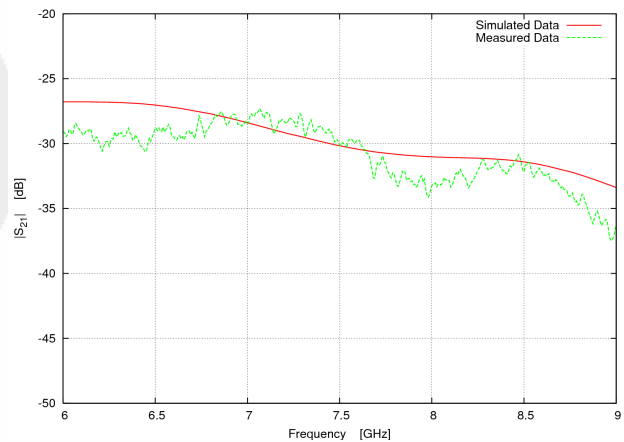
ECC Mask 6-9 Ghz



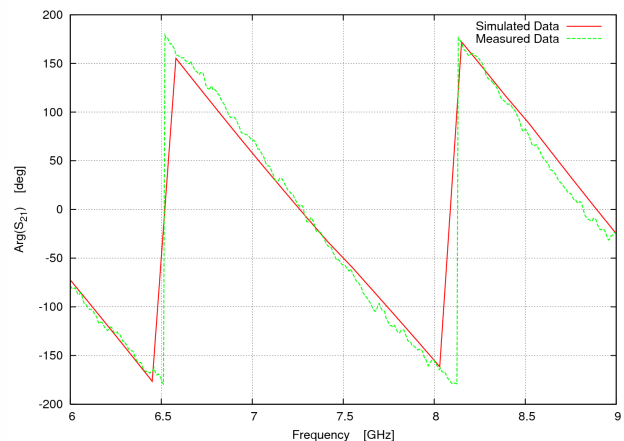
Front view



Back view



Bandwidth [GHz]	$ S_{11} $
6 – 9	< -10 dB
Flat S_{21} Module	
Linear S_{21} Phase	



(*) Measurements in a non-controlled environment.