



UNIVERSITY  
OF TRENTO

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DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY

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**EEC UWB ANTENNA**

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Technical Report DIT-06-084





# ECC UWB Antenna

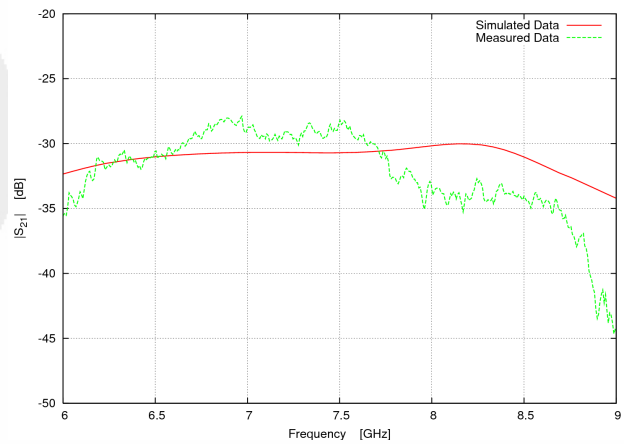
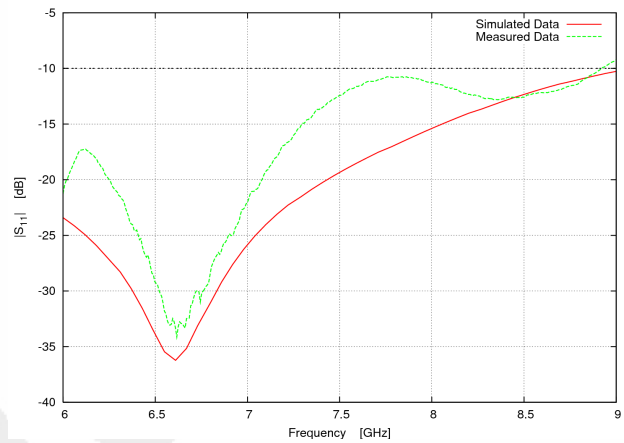
## ECC Mask 6-9 Ghz



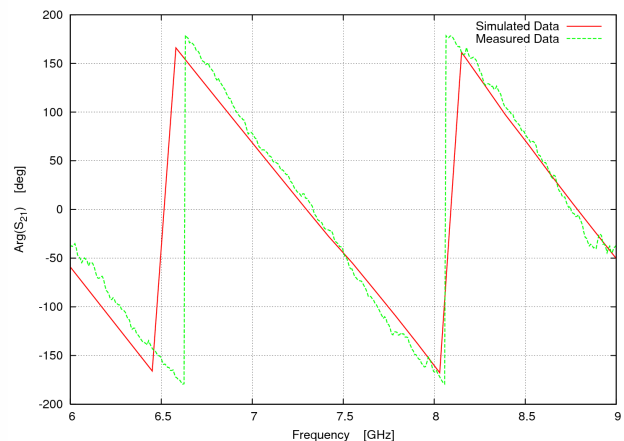
Front view



Back view



Bandwidth [GHz]	$ S_{11} $
6 – 8.9	< -10 dB
Flat $S_{21}$ Module	
Linear $S_{21}$ Phase	



(\*) Measurements in a non-controlled environment.