



**UNIVERSITY  
OF TRENTO**

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**DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY**

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**ECC UWB ANTENNA**

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Technical Report DIT-06-089





# ECC UWB Antenna

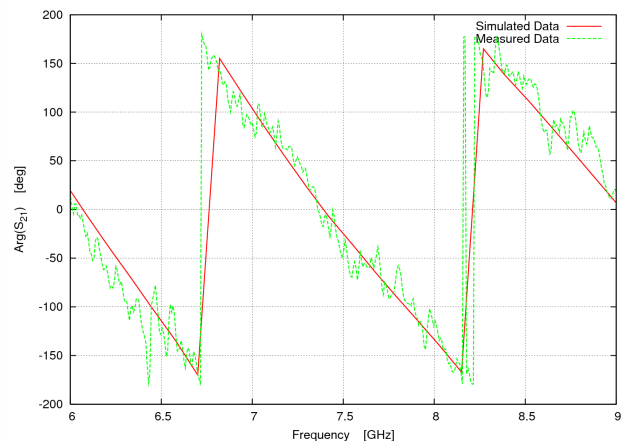
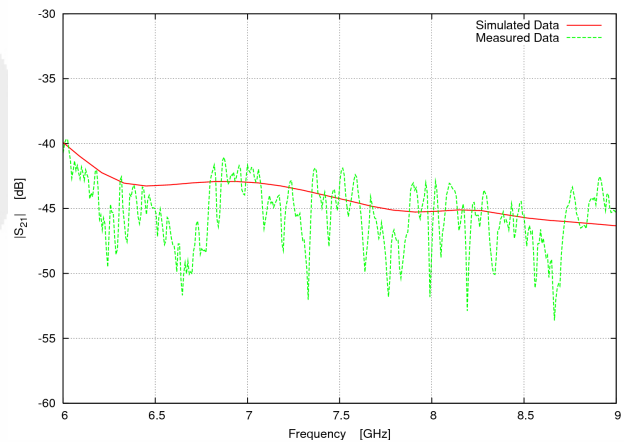
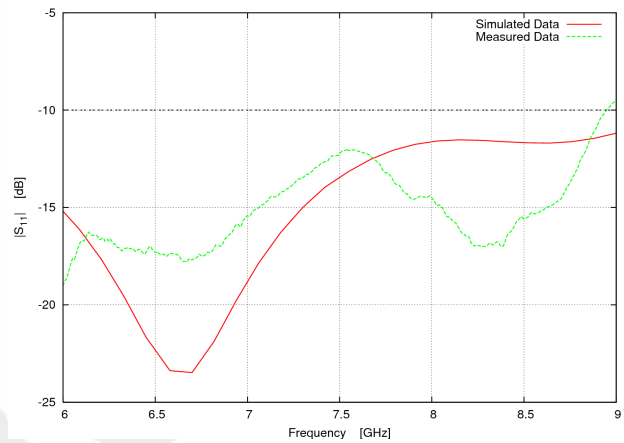
## ECC Mask 6-9 Ghz



Front view



Back view



Bandwidth [GHz]	$ S_{11} $
6 – 8.95	< -10 dB
Flat $S_{21}$ Module	
Linear $S_{21}$ Phase	

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