



**UNIVERSITY  
OF TRENTO**

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**DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY**

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**FCC UWB ANTENNA**

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Technical Report [DIT-06-091](#)





# FCC UWB Antenna

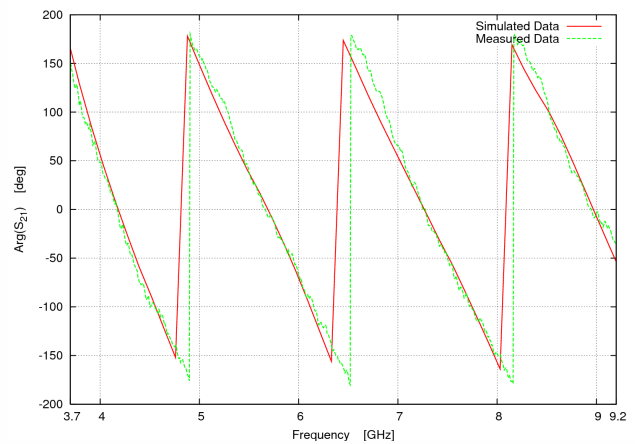
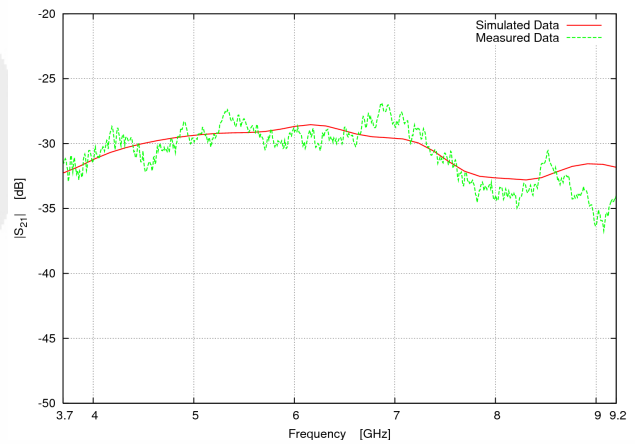
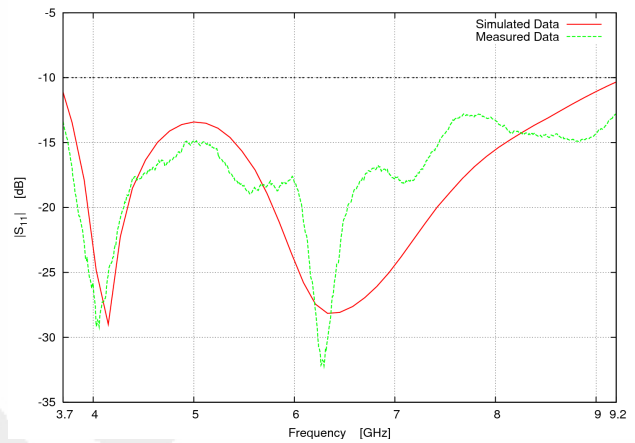
## FCC Mask 3.1-10.6 Ghz



Front view



Back view



Bandwidth [GHz]	$ S_{11} $
3.7 – 9.2	< -10 dB
Flat $S_{21}$ Module	
Linear $S_{21}$ Phase	

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