



**UNIVERSITY  
OF TRENTO**

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**DEPARTMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY**

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**ECC UWB ANTENNA**

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# ECC UWB Antenna

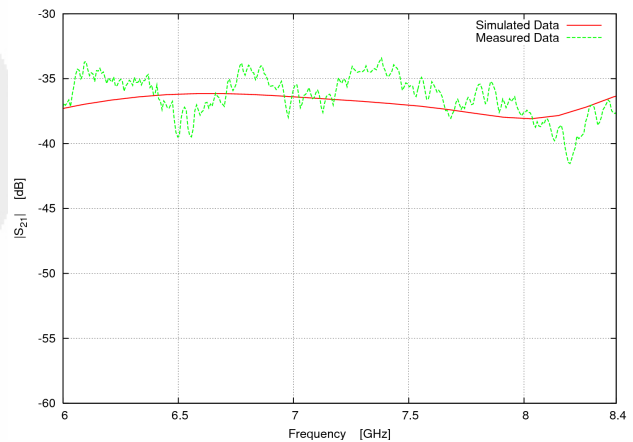
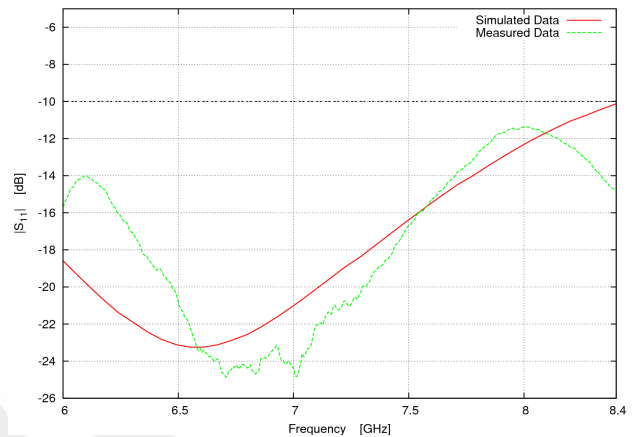
## ECC Mask 6-9 Ghz



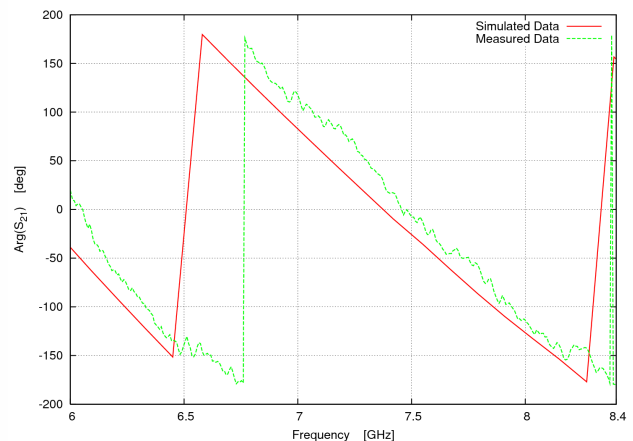
Front view



Back view



Bandwidth [GHz]	$ S_{11} $
6 – 8.4	< -10 dB
Flat $S_{21}$ Module	
Linear $S_{21}$ Phase	



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