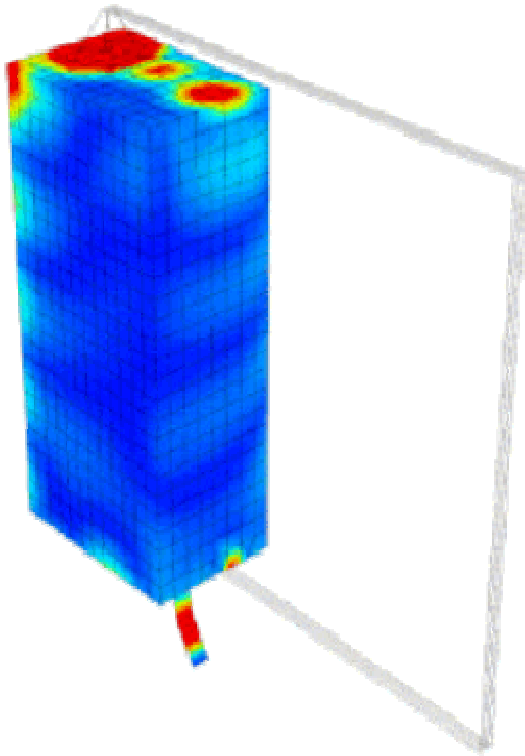
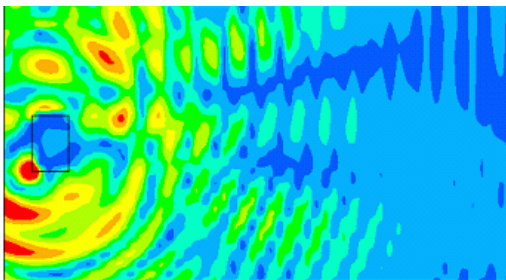


**ELECTROMAGNETIC COMPATIBILITY / PRODUCT SAFETY****EMC-Analysis and Simulation**

**Radiated-field simulation  
of a telecommunication rack**



*Design to Cost* und *Good Time to Market* are the pre-requisites for success. This requires first-class quality right from the start ! EMC-Analysis and Simulation play an important role to reach this goal.

We offer qualified consulting from the system- to component level, based on approved simulation tools, such as Concept and P-Spice.

**Our Competence:**

- Design-integrated EMC Consulting, especially in the early conceptual stage
- Dimensioning of EMC measures on component and system level, i.e. Grounding, Shielding, Cabling, Filtering
- Conceptual Studies on the basis of Circuit and Field Simulations

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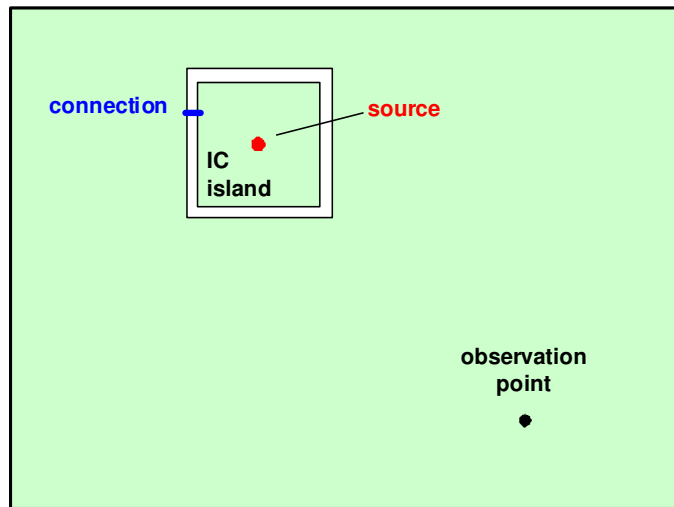
ELECTROMAGNETIC COMPATIBILITY / PRODUCT SAFETY

EMC-Analysis and Simulation

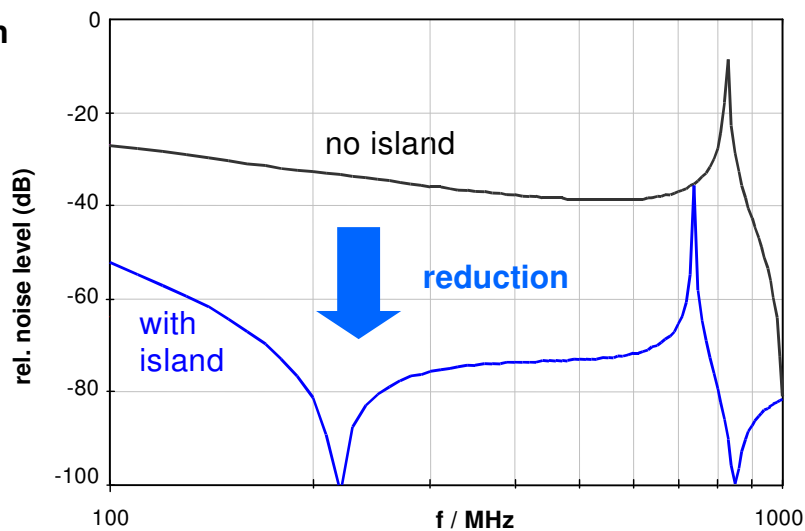
Conceptual Studies – Example

Evaluation of Power-Bus-Noise Reduction by IC islands

Model



Simulation Results



**Conclusion:** The level of the switching noise from IC's can be considerably reduced over a wide frequency range