

Wireless Power Transfer via Radiowaves

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Color section

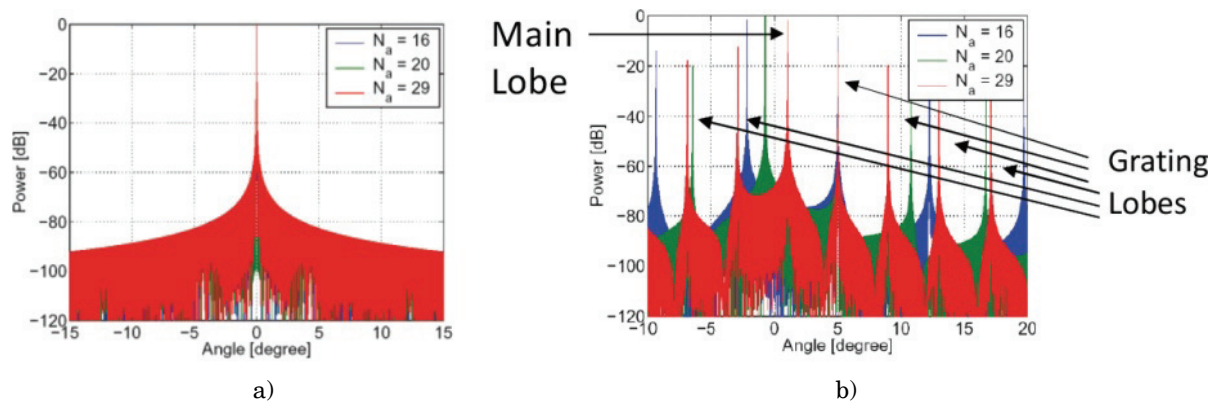


Figure 2.14. Beam form of a 1D phased array: a) focus direction: 0° , b) focus direction: 5°

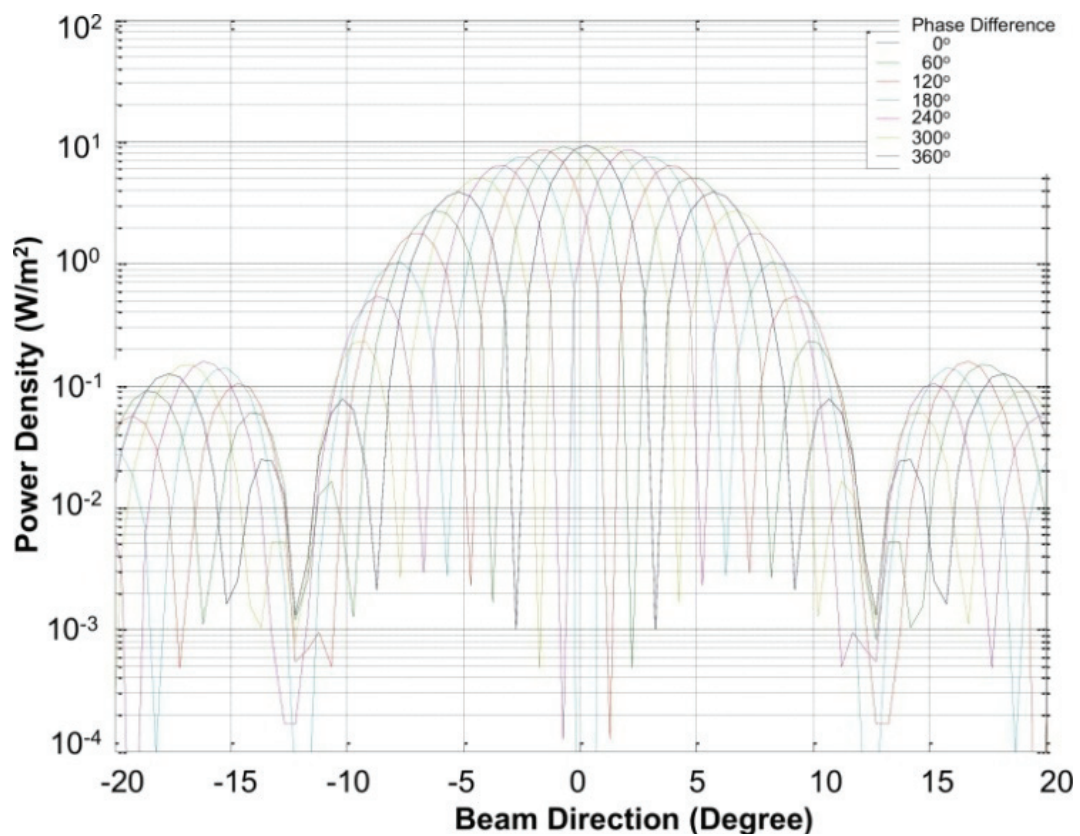


Figure 3.58. Theoretical beam pattern of two radial slot antenna arrays

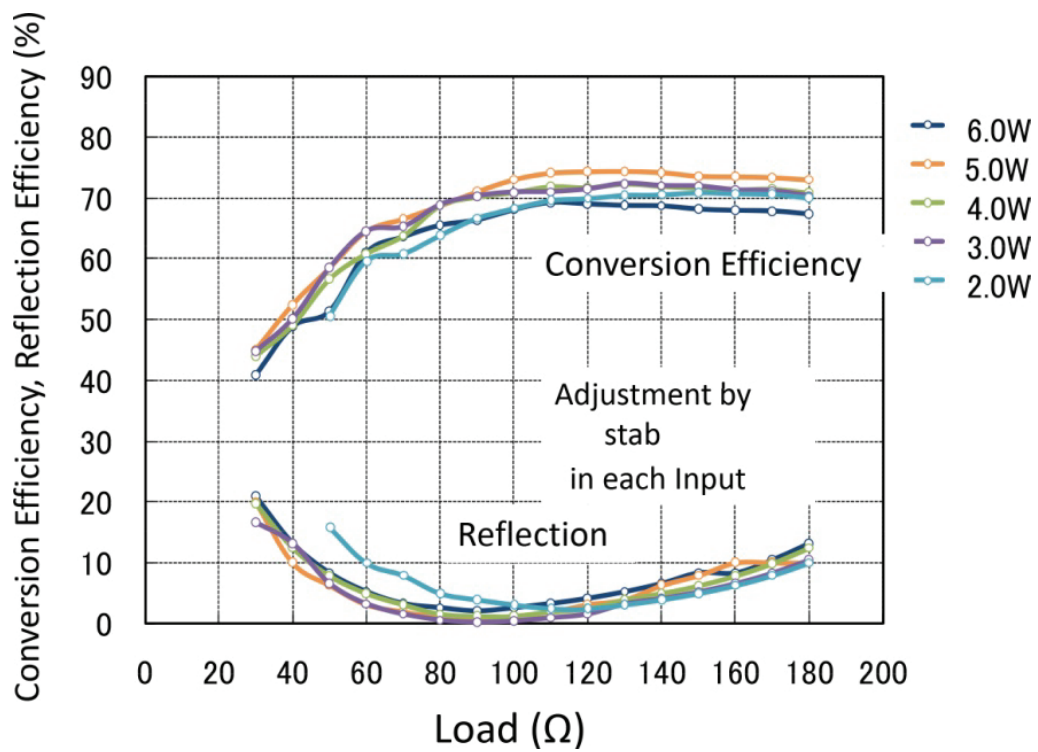


Figure 4.28. The RF–DC conversion efficiency of the rectenna using GaN diodes

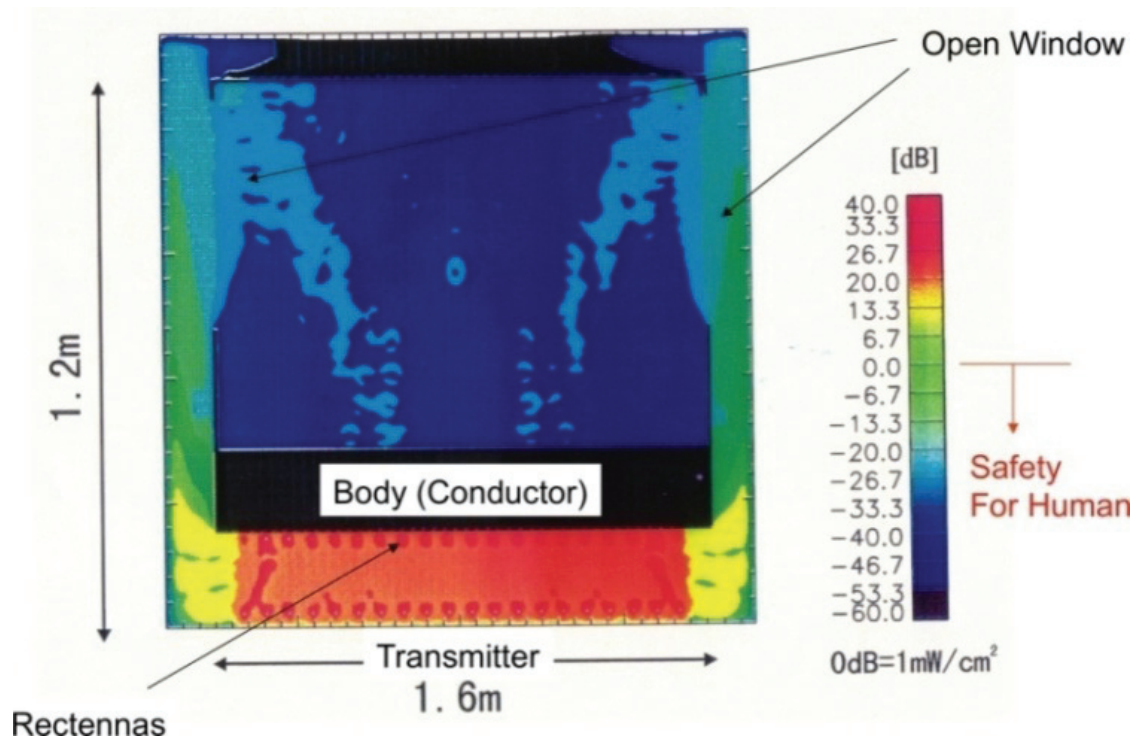


Figure 4.35. Simulated radiation by the FDTD method of wireless charging of EVs [SHI 13d]

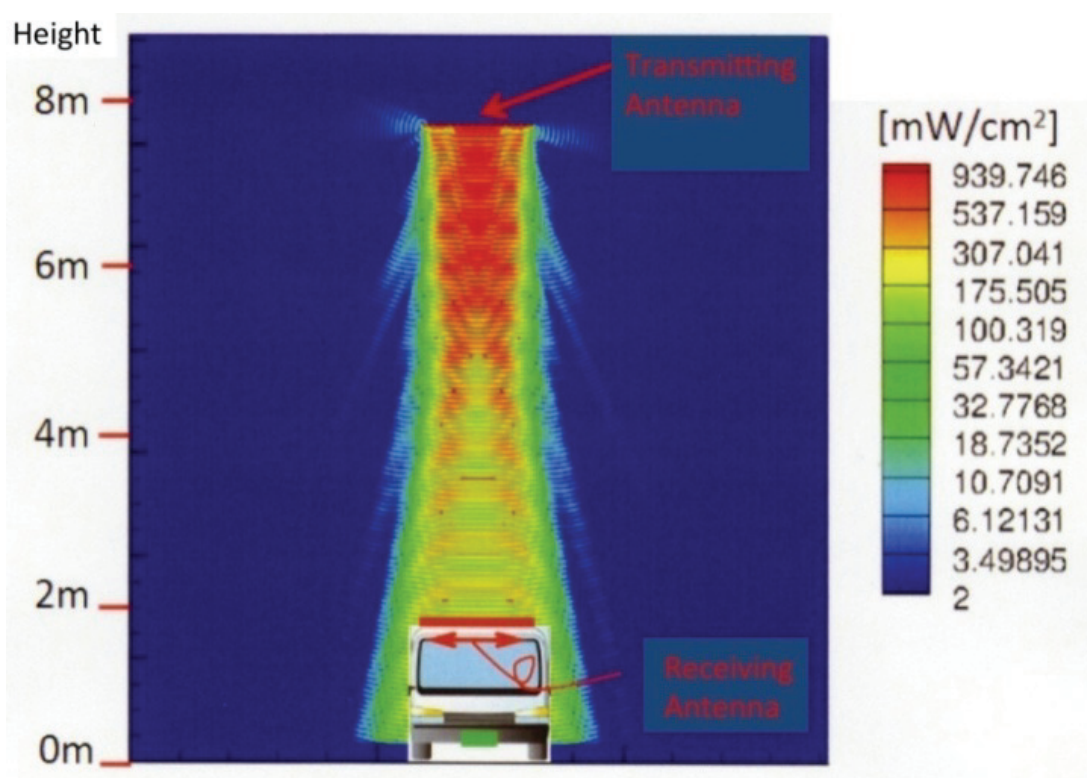


Figure 4.37. *Proposed mid-distance wireless charging for EV and the FDTD simulation of the microwave beam [SHI 13]*