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## Technical Description

The CC2531 Dongle is an evaluation board for the CC2531 chip from Texas Instruments. The board is powered through USB.

The CC2531 System on Chip has a differential RF output. On the CC2531 Dongle board this differential output is transformed to a single ended, 50 ohm signal through an integrated balun from Johansson Technologies (2450BM15A0002). Additionally the balun has integrated filter components which greatly reduces harmonic radiation. The single ended output of the balun is connected to an on-board PCB antenna.