

Design your own wireless Gigabit link using the Evaluation kit!



The TRX1608 Evaluation Kit (EVK) is a plug and play platform used for evaluating the latest Sivers IMA V-band (57-71GHz) transceiver RFIC. The Evaluation Kit is especially designed for ease of use by radio link integrators and RF engineers. When used in conjunction with MaxLinear (former Broadcom) modem BMC85100/85110 the user can effectively test the performance and functionality of a complete V-band Radio link.

The evaluation kit offers everything needed for interfacing the transceiver module with the modem's I/Q baseband inputs and outputs.

Benefits

- Simple and intuitive graphical user interface
- Easy to carry, includes all the cables and power adaptors in one box
- Easy to use, just plug and play with 3 default configurations
- No external components needed
- Rapid prototyping solution
- User guideline included on a USB stick
- Configuration support included
- Easy upgrade to validate future E-band TRX
- Control the EVK through Wi-Fi or Ethernet cable

Features

- Includes GUI, RF board, power board and Raspberry Pi
- TX/RX LO frequency control
- RX baseband I/Q differential outputs
- TX baseband I/Q differential inputs
- WR12 interface at input/output
- Ethernet interface and GUI for controlling the transceiver
- Possibility to use external reference clock
- Possibility to use external LO source
- 64QAM with internal VCO

