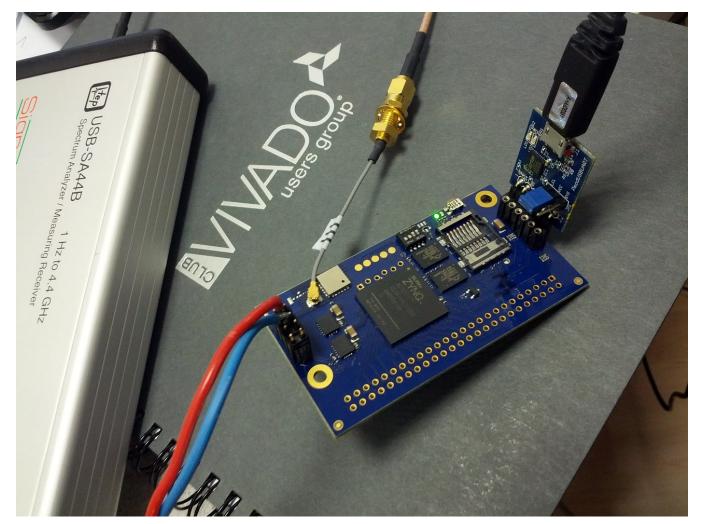
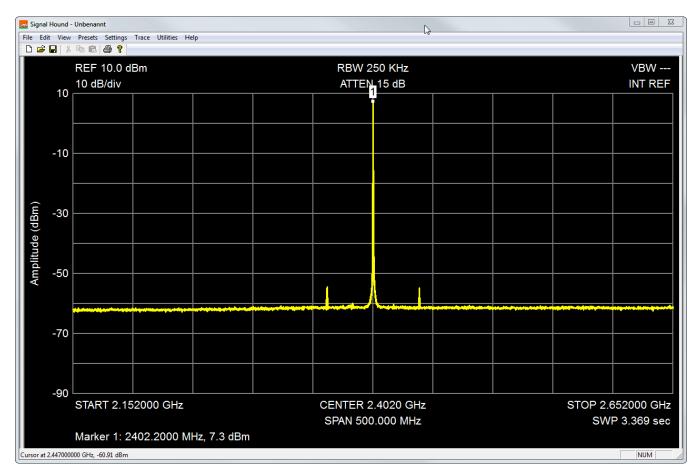
OZOM-A: Bluetooth Evaluation



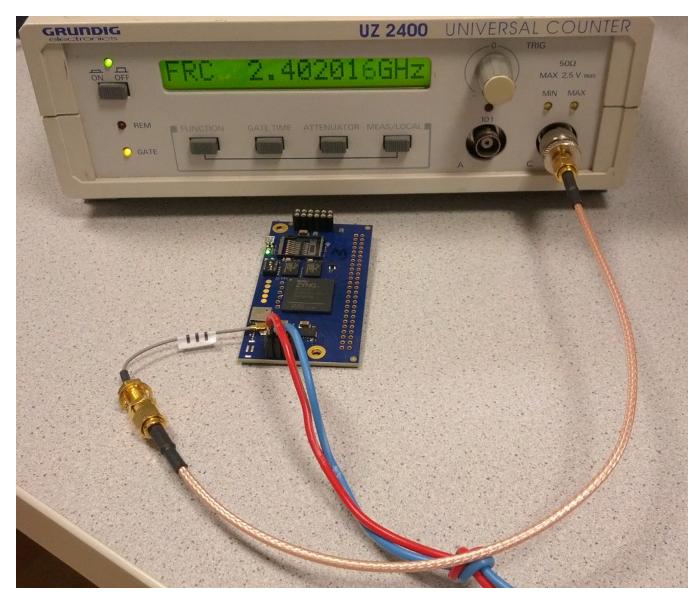
First setup of for Bluetooth evaluation U.fl connector from TiWi-uB2 module is connected directly to Signal Hound, 32768Hz slow clock for CC2564 is generated in FPGA fabric using one single DSP48E slice.



Channel 0, modulation CW continuous 0 transmit.

| TiWi Bluetooth Eval Tool Version 4.0.0.0 | |
|--|---|
| Init COM Port COM51 Patch File Buetooth Testing Constant TX Packet TX Bluetooth Testing Constant TX Packet TX Bluetooth Testing O Frequency channel index (k), range 0 – 78 (decimal) Start Transmit 0 Freq = 2402 + 2k, for k = 0, 1, 2 39 0 Freq = 2403 + 2(k-40), for k = 40, 4178 Power Level Modulation 15 CW All 0 48879 62309 | Clear Log Window Loading BT patch, packets to send: 145 Please wait Packets sent: 145 Download patch time: 6.248 seconds Constant transmit started TX stopped Constant transmit started |
| Bluetooth Receive Channel O Constant Receive Stop Receive Packet Length Number of Packets | |
| 3DH1 25 1 Start BER Get BER Results | |

LS Research BT evalution tool settings



BT Carrier measured with Frequency counter.