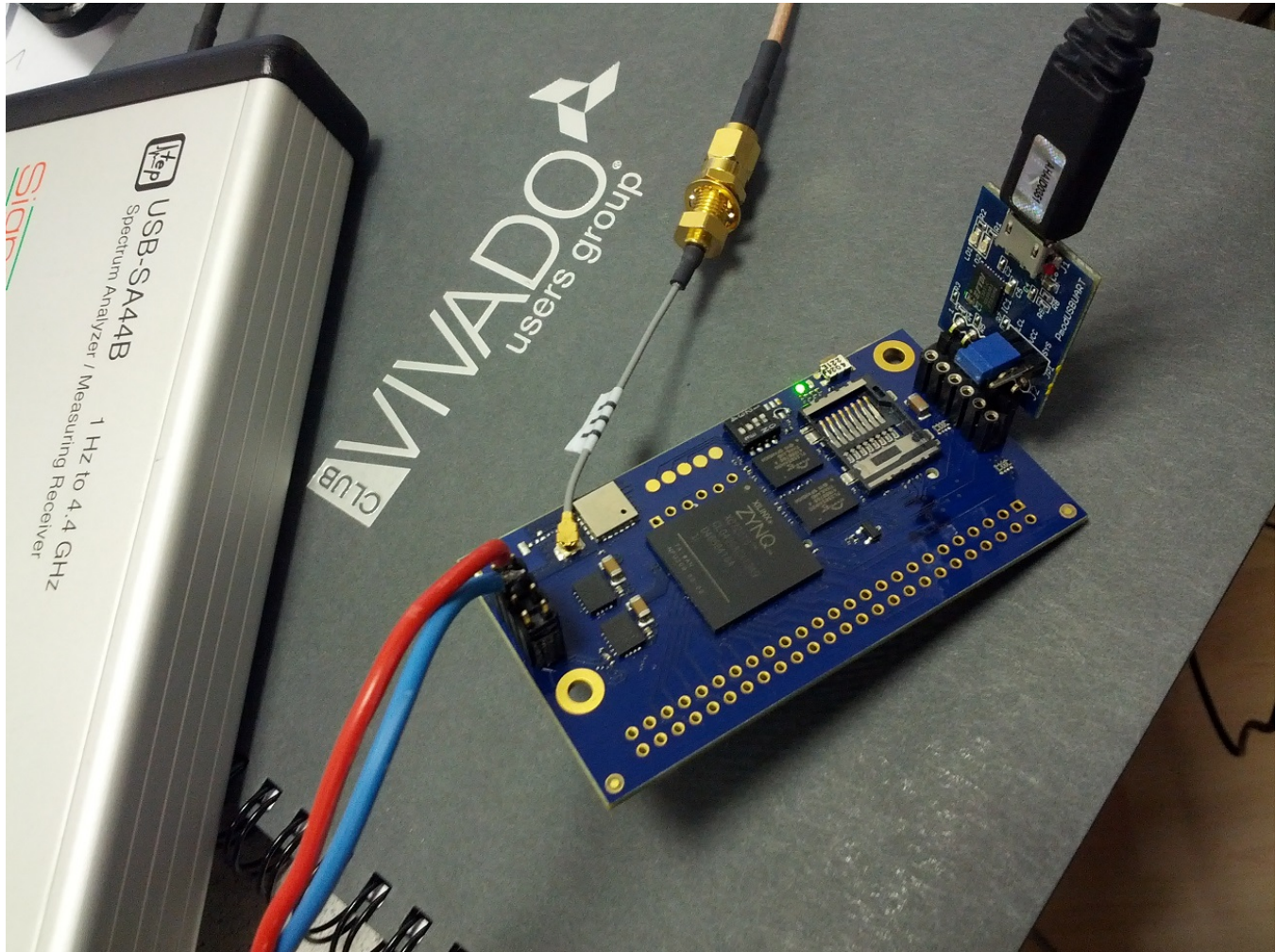
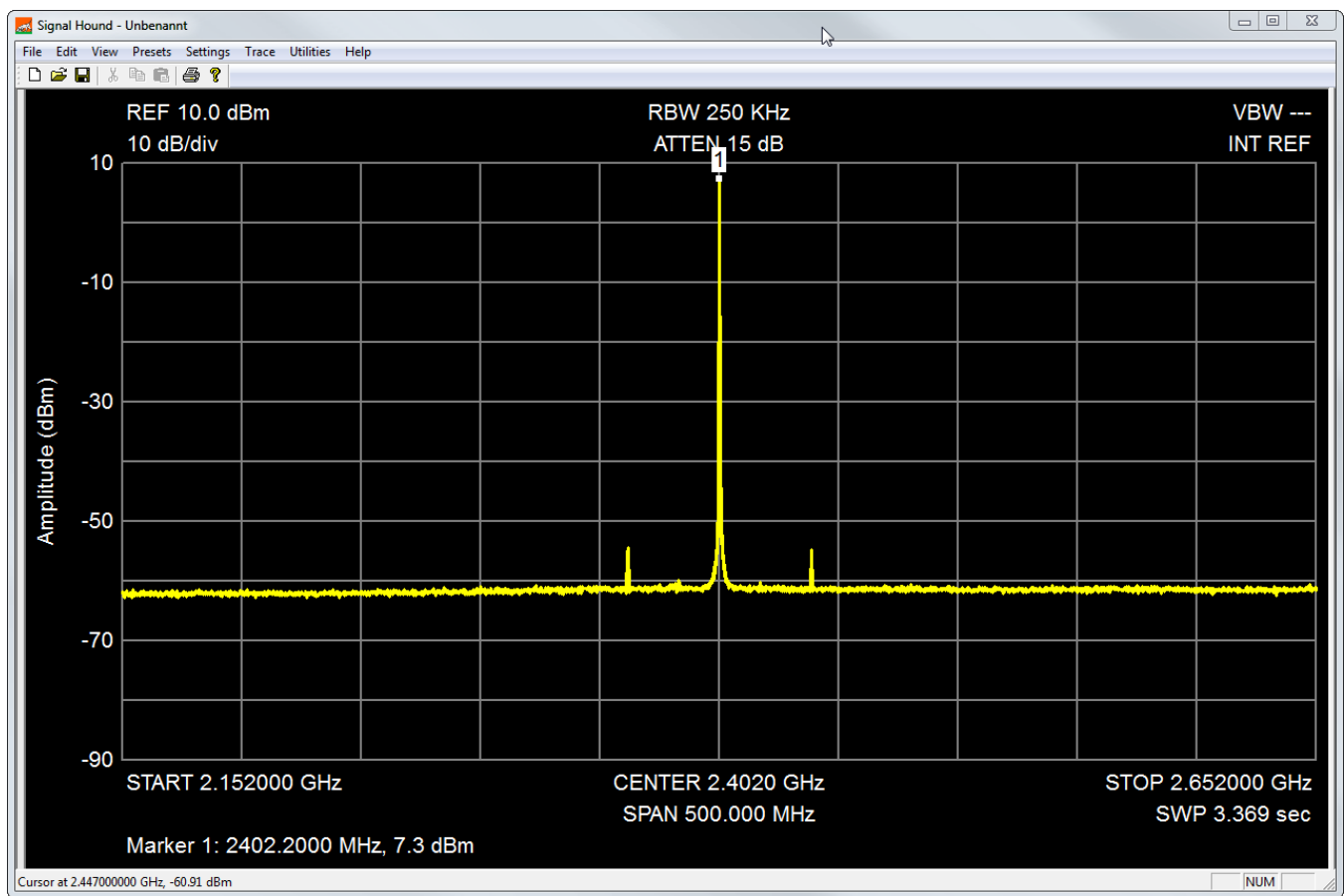


OZOM-A: Bluetooth Evaluation



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

Clear Log Window

Init

COM Port

COM51

Flow Control

Connect

Disconnect

Read Version

Patch File

Browse

Load Patch

Bluetooth Testing

Constant TX

Packet TX

BT RF SIG Mode

BLE Packet TX

CC2541

Channel Index

0

Frequency channel index (k), range 0 - 78 (decimal)

Freq = 2402 + 2k, for k = 0, 1, 2 ... 39

Freq = 2403 + 2(k-40), for k = 40, 41...78

Start Transmit

Power Level

15

Modulation

CW

Data Pattern

All 0

Stop Transmit

Generator Init Value

48879

EDR Generator Mask

62309

Bluetooth Receive

Channel

0

Constant Receive

Stop Receive

Packet Type

3DH1

Packet Length

25

Number of Packets

1

Start BER

Get BER Results

Loading BT patch, packets to send: 145 Please wait...

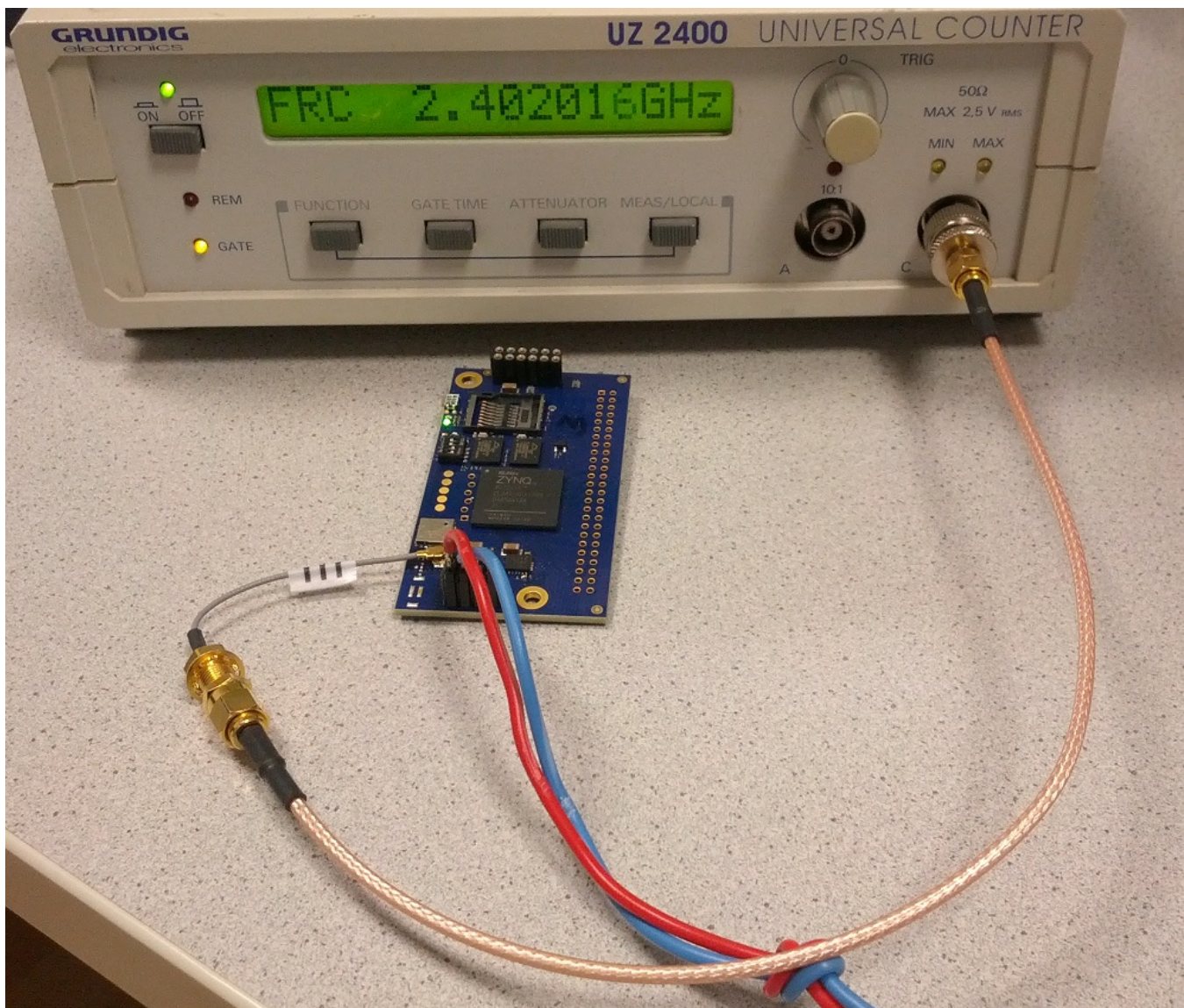
Packets sent: 145 Download patch time: 6.248 seconds

Constant transmit started

TX stopped

Constant transmit started

LS Research BT evaluation tool settings



BT Carrier measured with Frequency counter.