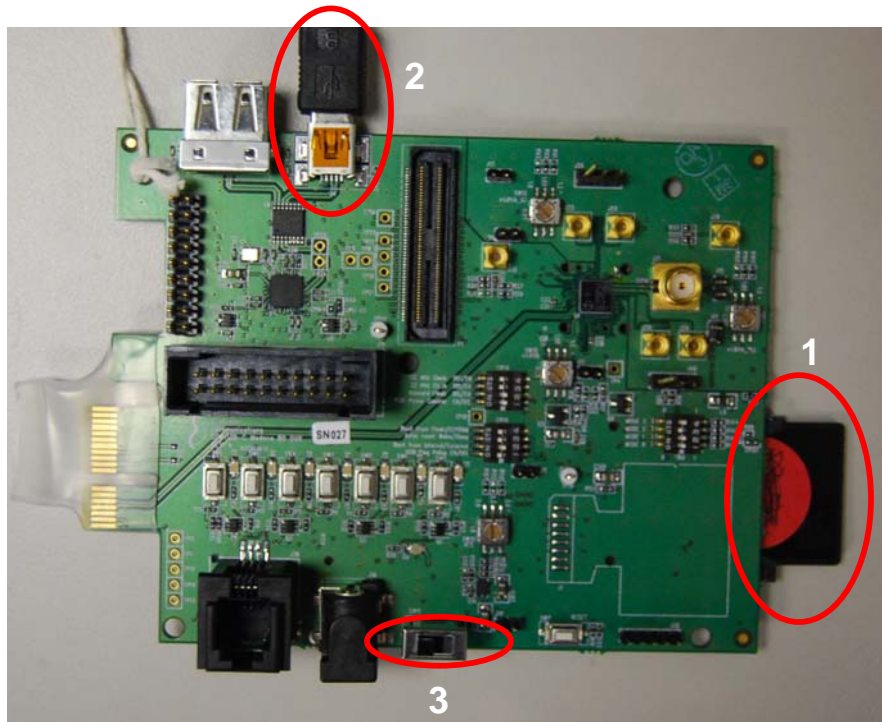


# SC4113-D – RIPCORDER2 UWB IC DVK *User Guide*

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Abstract: This guide functions as a user guide for the installation and operation of the SC4113-D with regards to regulatory testing

# 1



- ☐ Make sure the appropriate flash card is inserted in the slot shown '1'
- ☐ Plug in USB cable into DUT as shown '2'
- ☐ Plug the other end of the USB cable into Laptop.
- ☐ Toggle the power switch to power on the DUT '3'. NOTE:
  - ☐ The switch position shown in figure is the 'OFF' state
  - ☐ The DUT will be powered by the laptop via USB

Hardware set up is done, please proceed to software set up

# 2

## SOFTWARE INSTALLATION

- ☐ IF USING THE LAPTOP PROVIDED WITH EUT, PLEASE IGNORE THE SOFTWARE INSTALLATION STEPS IN STEP 3
- ☐ Install the following software from the CD/memory stick provided:
  - ☐ Devpak1.1.11\_Setup.exe
- ☐ During installation If a XP warning window pops up, hit 'Continue Anyway' button and finish installation
- ☐ Continue instructions on following pages

3



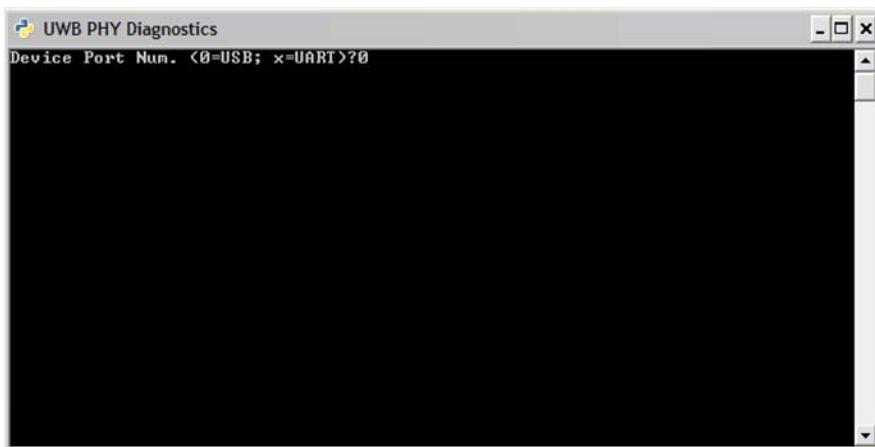


4



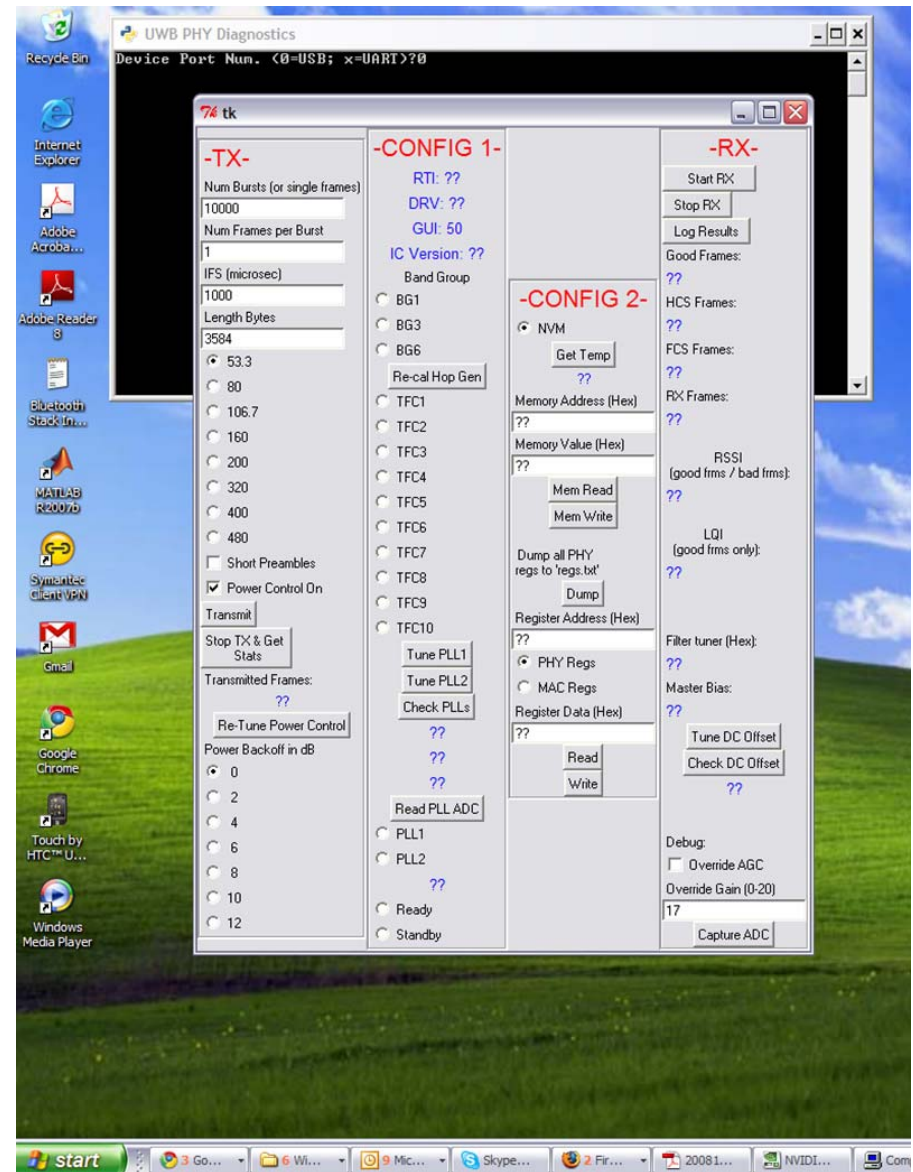
- ❑ Launch UWB PHY Diagonostics Start → Programs → >Staccato Developers Pak→ Scripts

5



- ❑ Enter '0' for connection via USB and press return

6



- ❑ 'tk' window should launch as shown above

# TESTING TX EMISSIONS

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San Diego, CA 92121  
858-812-1000

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7

- ☐ Select the appropriate BG(1/3/6)
- ☐ Select TFC(1-10)

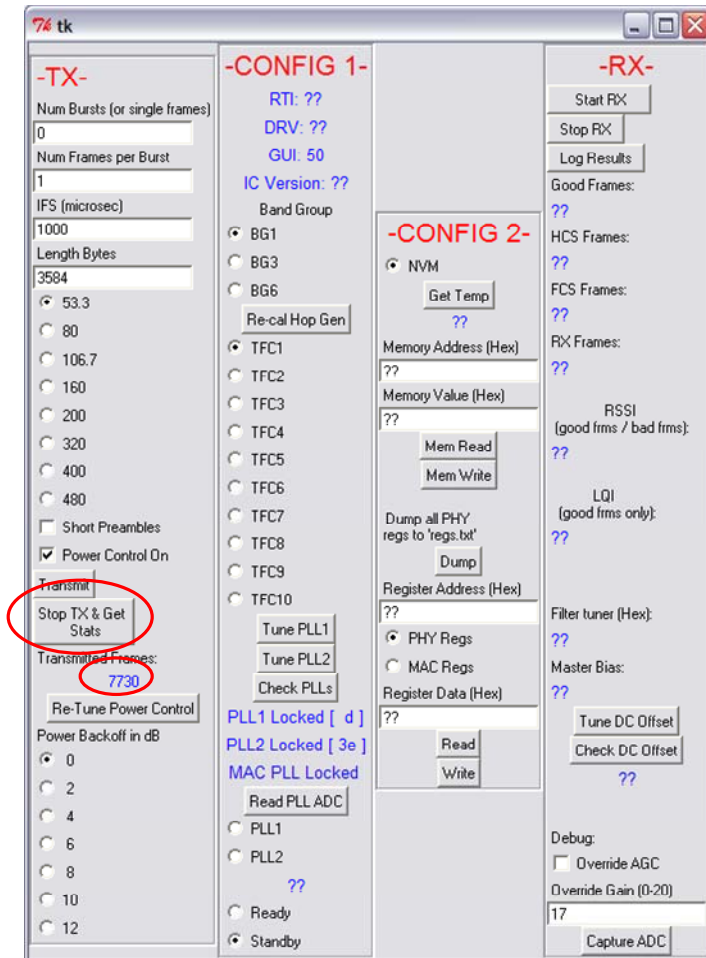
8

- ☐ Hit 'Check PLLs' button
- ☐ At this point you should see the display indicated in the red block. PLL1, PLL2 and MAC PLL must indicate 'Locked' in order to proceed.

9

- ☐ At this point the DUT is ready to transmit
- ☐ Hit Transmit to start continuous transmission

# 10



- ❑ When finished with testing, hit 'Stop TX and Get Stats' button to stop transmitter
- ❑ At this point you can change TFC / BG setting and repeat steps 7-10

End of Document