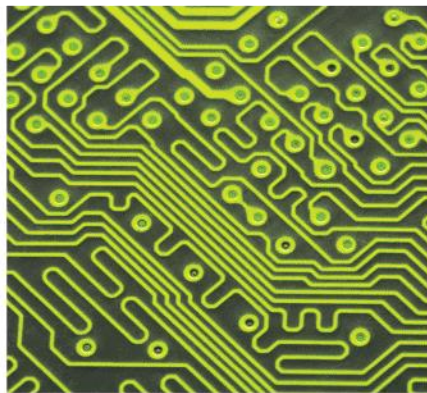
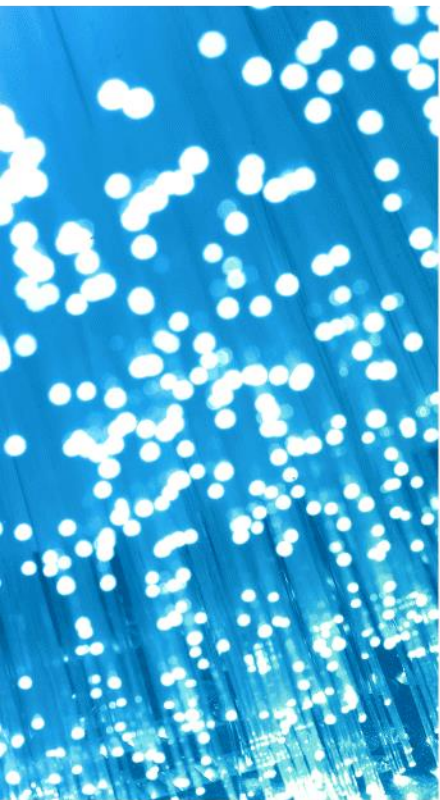


FLEXTRONICS X



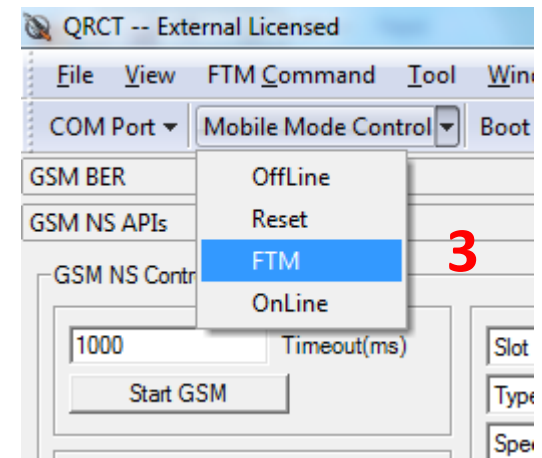
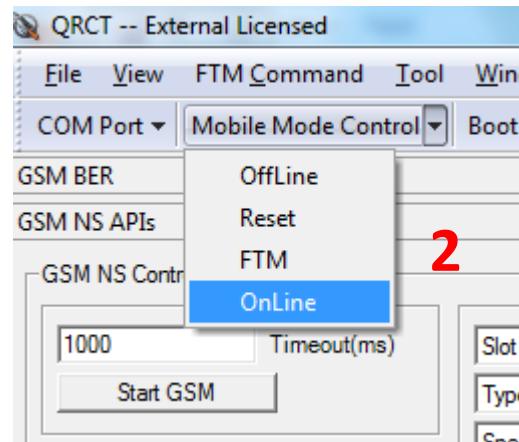
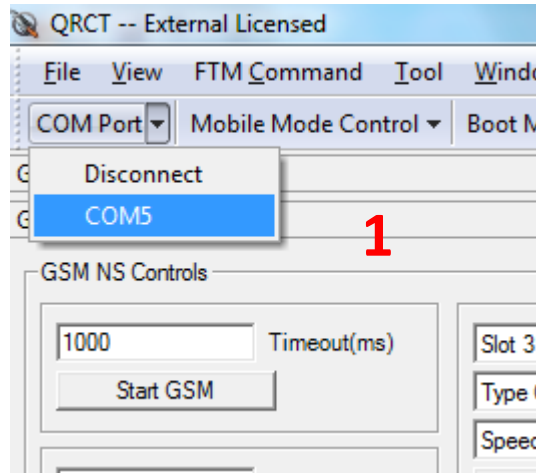
CONFIDENTIAL

WCDMA_3G_RX_TX

Jul 03, 2015

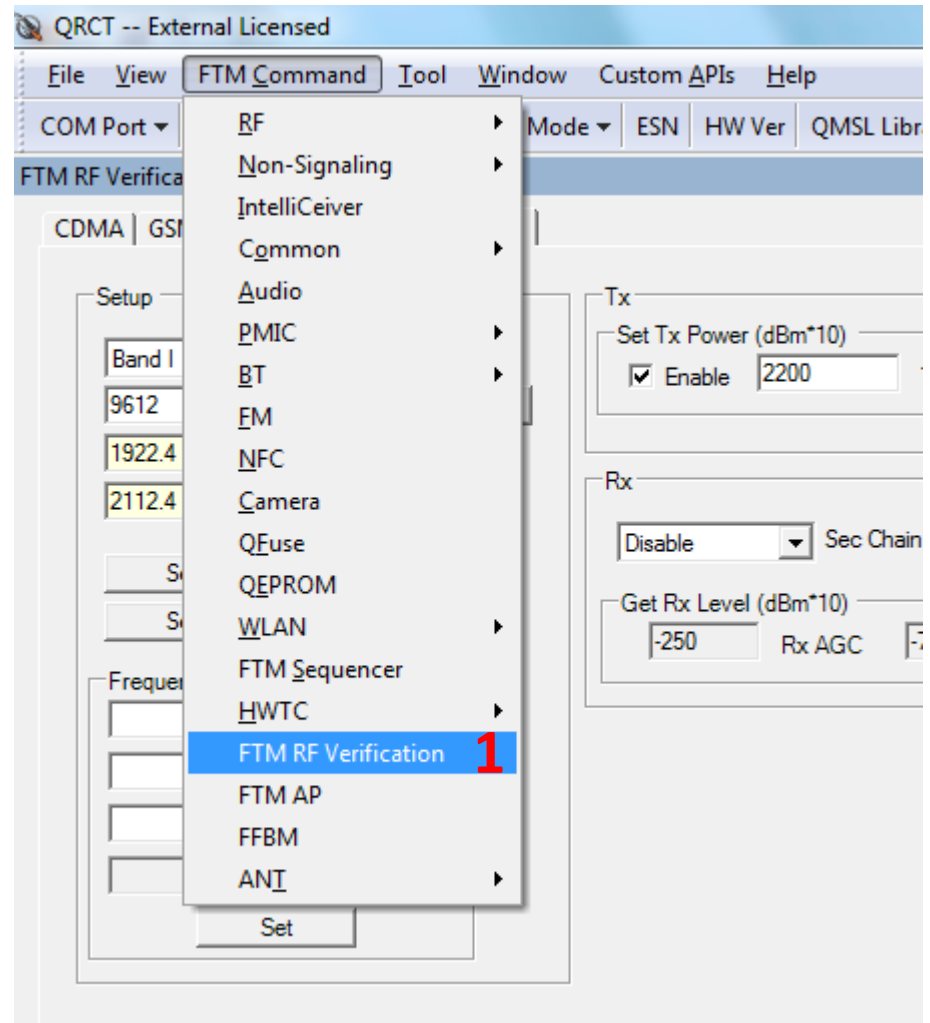
PRODUCT ENGINEERING – FABIO MULLER

1 – Abrir o QRCT e estabelecer a comunicação conforme mostrado abaixo:



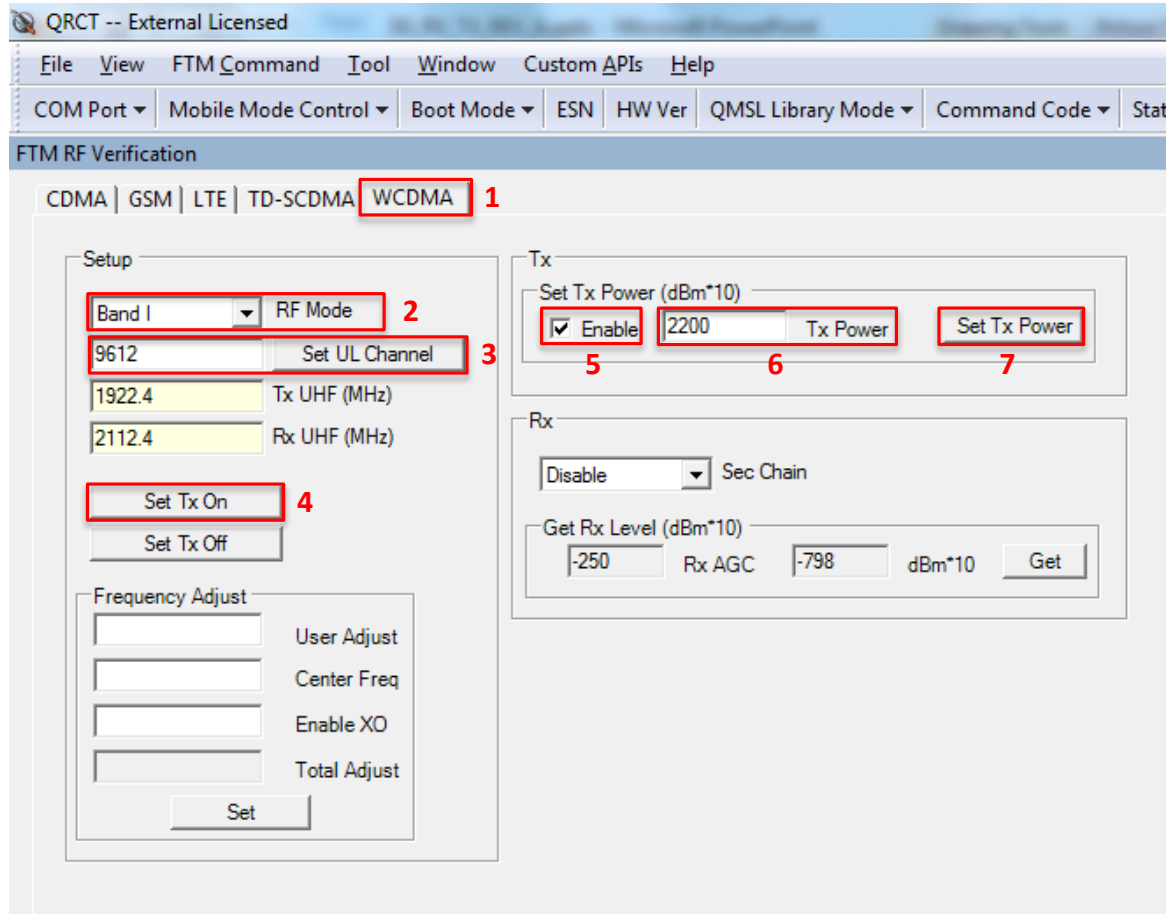
2 – Em “FTM Command” selecionar a ferramenta abaixo:

1 – FTM RF Verification



3 – Setup do WCDMA_TX

- 1 – Selecionar a Aba “WCDMA”
- 2 – RF Mode – Escolher a Banda do Teste
- 3 – Set UL Channel – Canal de TX do Teste
- 4 – Set Tx On
- 5 – Enable
- 6 – Entrar com a potência desejada multiplicada por 10
- 7 – Set TX Power



4 – Setup do WCDMA_RX

- 1 – Selecionar à Aba “WCDMA”
- 2 – RF Mode – Escolher a Banda do Teste
- 3 – Set UL Channel – Canal de TX do Teste
- 4 – Sec Chain – Disable
- 5 – Get

The screenshot displays the QRCT software interface for WCDMA setup. The interface includes a menu bar (File, View, FTM Command, Tool, Window, Custom APIs, Help) and a toolbar (COM Port, Mobile Mode Control, Boot Mode, ESN, HW Ver, QMSL Library Mode, Command Code, Status). The main window is titled "FTM RF Verification" and has tabs for CDMA, GSM, LTE, TD-SCDMA, and WCDMA (highlighted with a red box and labeled '1').

The "Setup" section contains the following controls:

- Band I** (dropdown menu, highlighted with a red box and labeled '2')
- RF Mode** (dropdown menu, highlighted with a red box and labeled '2')
- 9612** (text input field, highlighted with a red box and labeled '3')
- Set UL Channel** (button, highlighted with a red box and labeled '3')
- 1922.4** (text input field, Tx UHF (MHz))
- 2112.4** (text input field, Rx UHF (MHz))
- Set Tx On** (button)
- Set Tx Off** (button)

The "Frequency Adjust" section includes:

- User Adjust** (text input field)
- Center Freq** (text input field)
- Enable XO** (checkbox)
- Total Adjust** (text input field)
- Set** (button)

The "Tx" section contains:

- Set Tx Power (dBm*10)** (text input field)
- Enable** (checkbox)
- 2200** (text input field)
- Tx Power** (text label)
- Set Tx Power** (button)

The "Rx" section contains:

- Disable** (dropdown menu, highlighted with a red box and labeled '4')
- Sec Chain** (text label, highlighted with a red box and labeled '4')
- Get Rx Level (dBm*10)** (text input field)
- 250** (text input field)
- Rx AGC** (text label)
- 798** (text input field)
- dBm*10** (text label)
- Get** (button, highlighted with a red box and labeled '5')

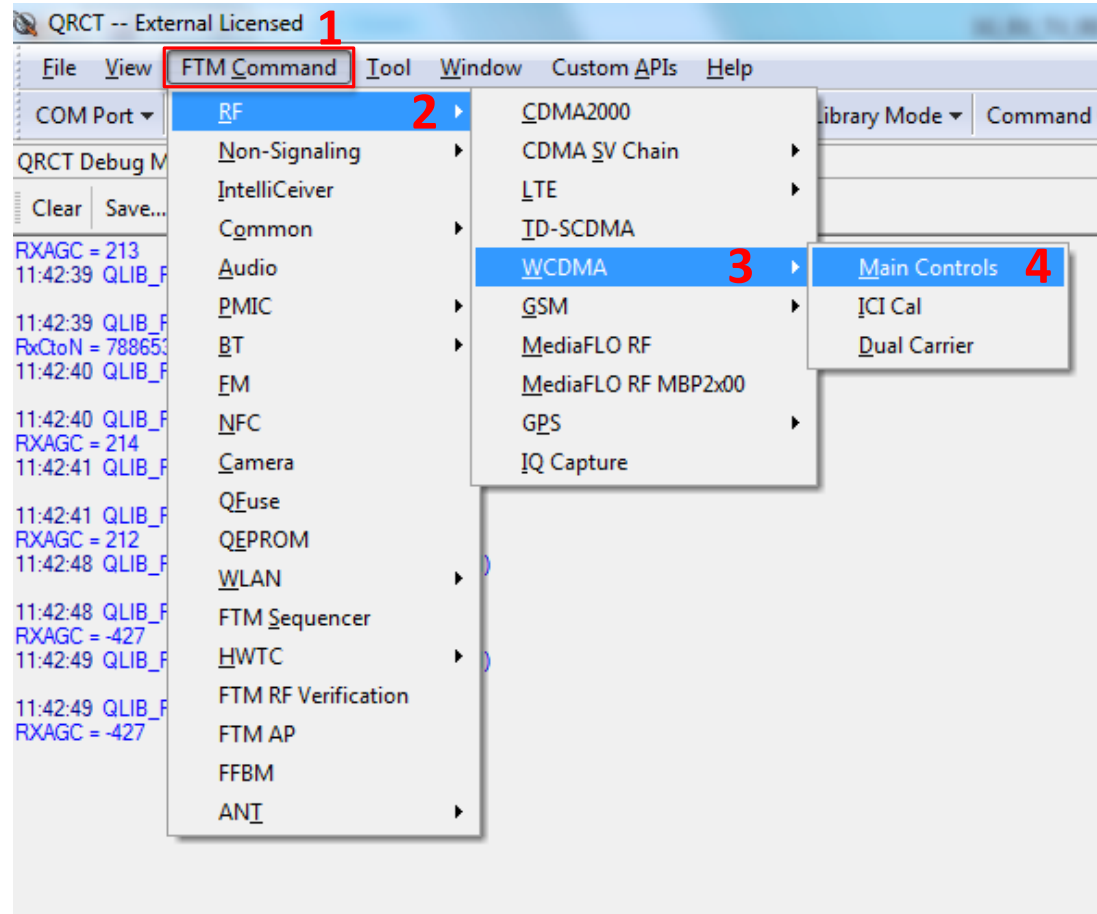
5 – Setup do WCDMA_RX_DIVERSITY

1 – FTM Command

2 – RF

3 – WCDMA

4 – Main Contros



6 – Setup do WCDMA_RX_DIVERSITY

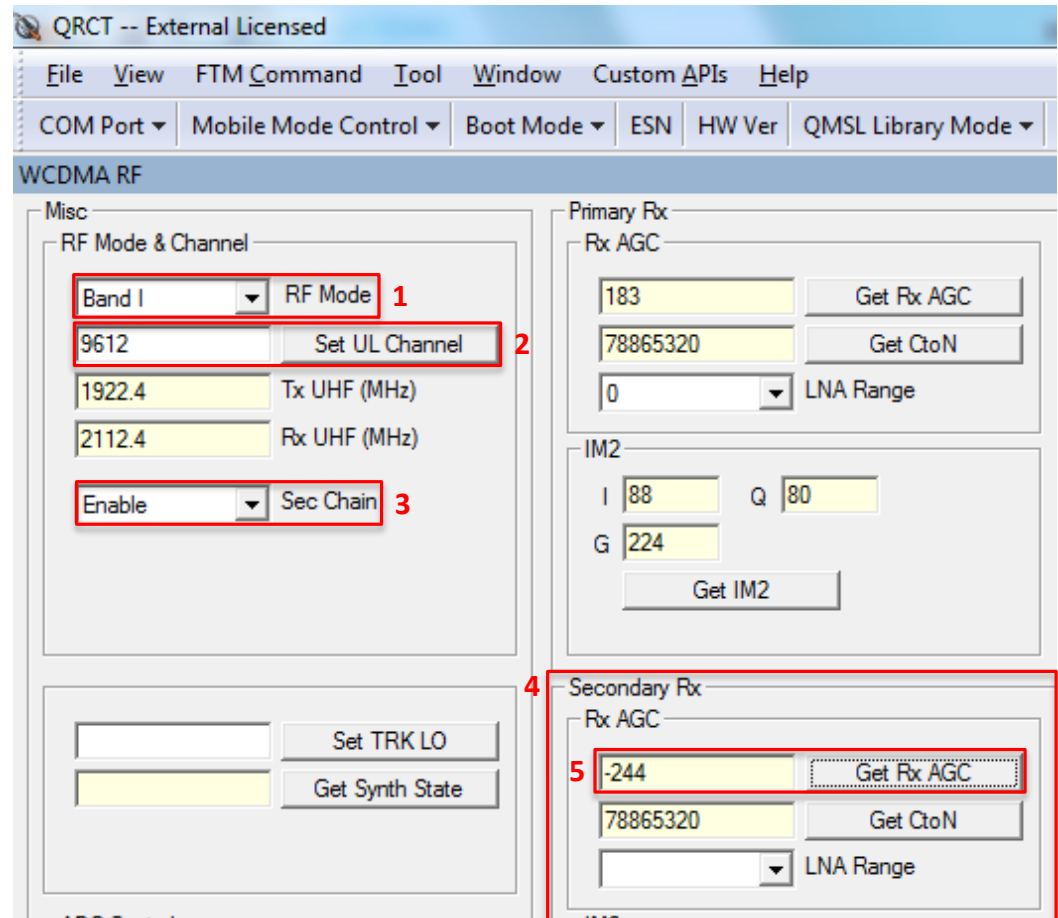
1 – RF Mode – Escolher a Banda do Teste

2 – Set UL Channel – Canal de TX do Teste

3 – Sec Chain – Enable

4 – Secondary RX

5 – Get RX AGC – Comparar o resultado obtido com um telefone golden



Thank you

