![Flextronics logo]
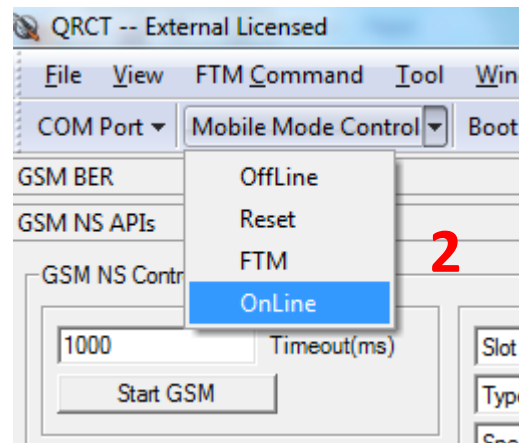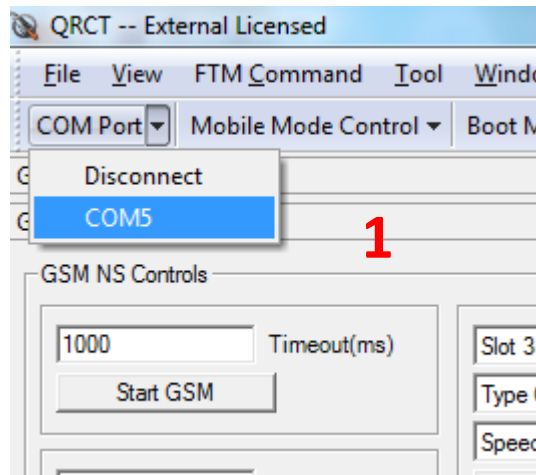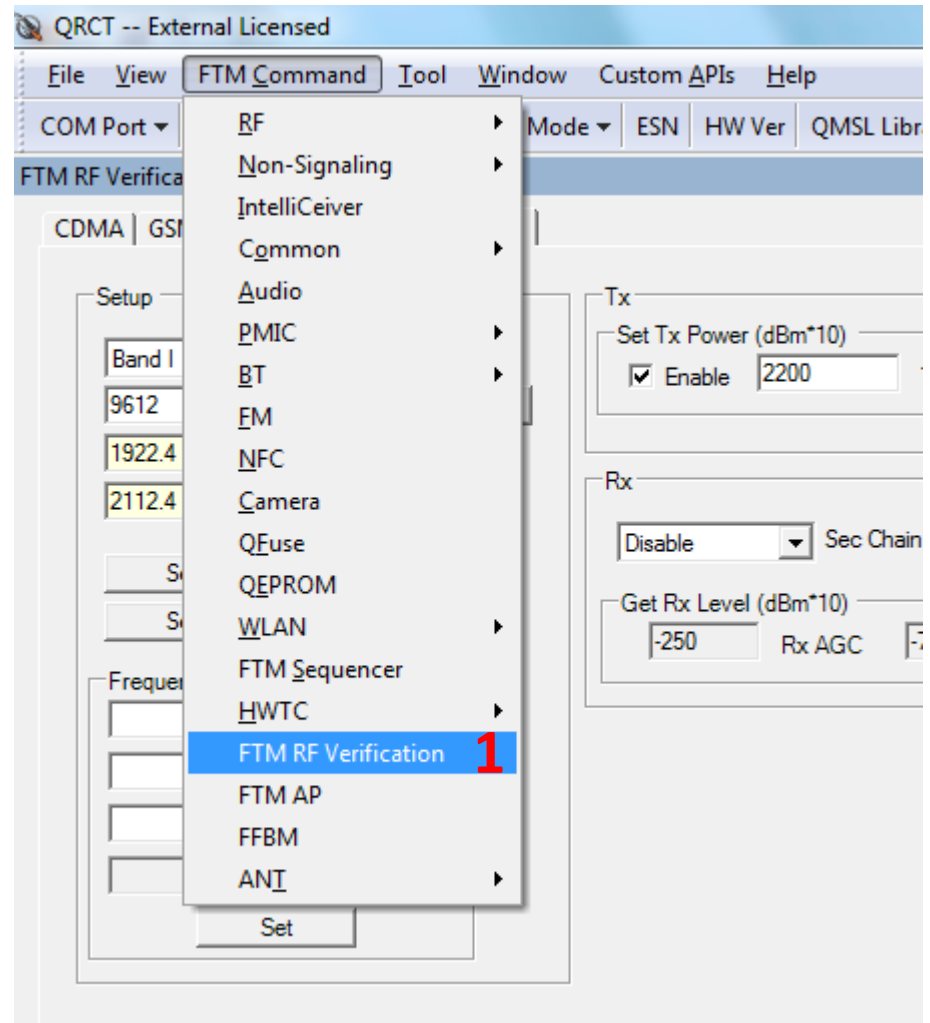
LTE – Non-Sgnaling_RX_TX

CONFIDENTIAL

Jun 24, 2015

PRODUCT ENGINEERING – FABIO MULLER

1 – Abrir o QRCT e estabelecer a comunicação conforme mostrado abaixo:
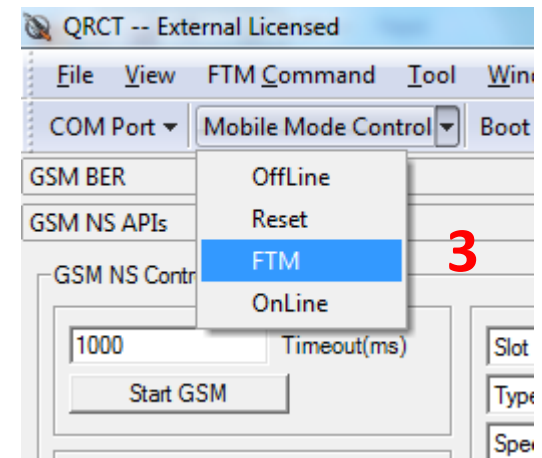
1 – FTM RF Verification
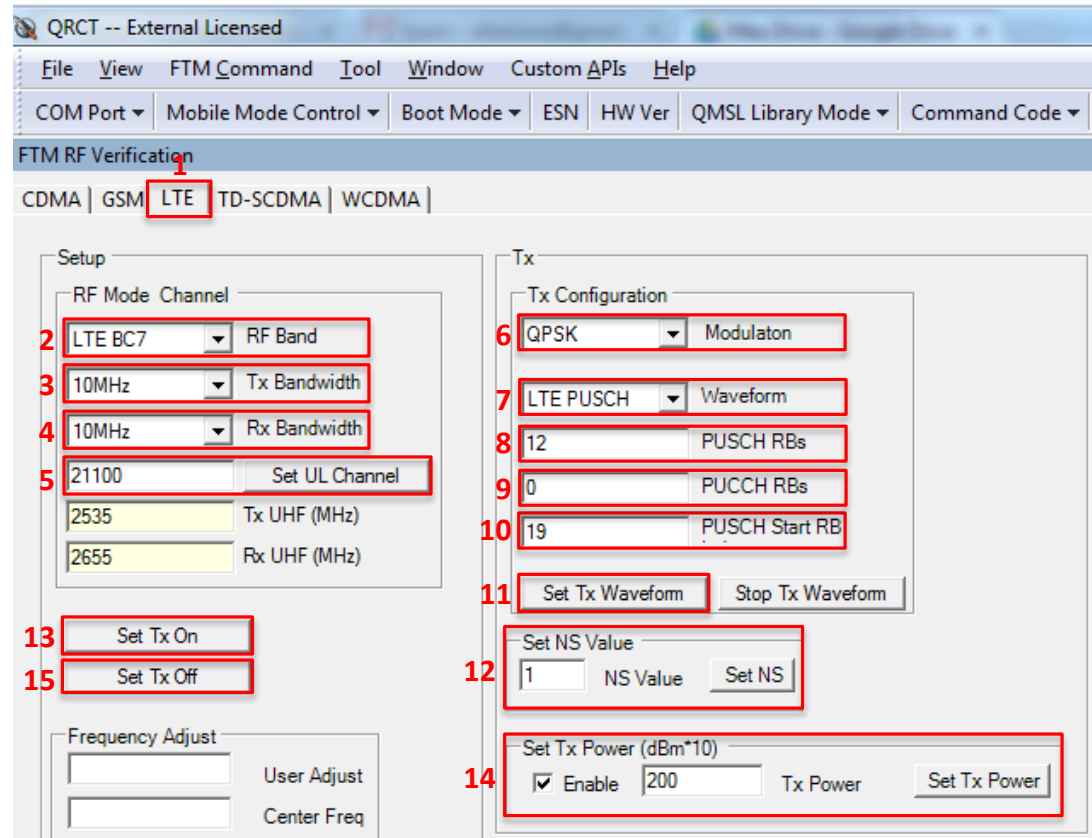
3 – Setup do LTE_TX

1 – Selecionar à Aba "LTE"

2 – RF Band – *Escolher a Banda do Teste (Banda 7)*

3 – Tx Bandwidth – *10MHz*

4 – Rx Bandwidth – *10MHz*

5 – Set UL Channel – *Canal de TX do Teste*

6 – Modulation – *QPSK*

7 – Waveform – *LTE PUSCH*

8 – PUSCH RBs – *"12 "*

9 – PUCCH RBs – *"0 "*

10 – PUCCH Start RB – *"19"*

11 – Set Tx Waveform

12 – Set NS Value – *"1"*

13 – Set Tx On

14 – Set Tx Power (dBm*10):

    – *Clicar em Enable*

    – *Ajustar a Potencia desejada multiplicada por 10*

    – *Set Tx Power*

15 – Para desligar a Transmissão clicar em - *Set Tx Off*

4 – Setup do LTE_RX

1 – Selecionar à Aba "LTE"

2 – RF Band – *Escolher a Banda do Teste (Banda 7)*

3 – Tx Bandwidth – *10MHz*

4 – Rx Bandwidth – *10MHz*

5 – Set UL Channel – *Canal de TX do Teste*

6 – Sec Chain:

   – *Main Antenna – Disable*

7 – Expected DL Level:

   – *Setar o valor que foi ajustado no Equipamento*

8 – Set LNA State

9 – Get Rx Level (dBm*10):

   – *Clicar em "Get"*
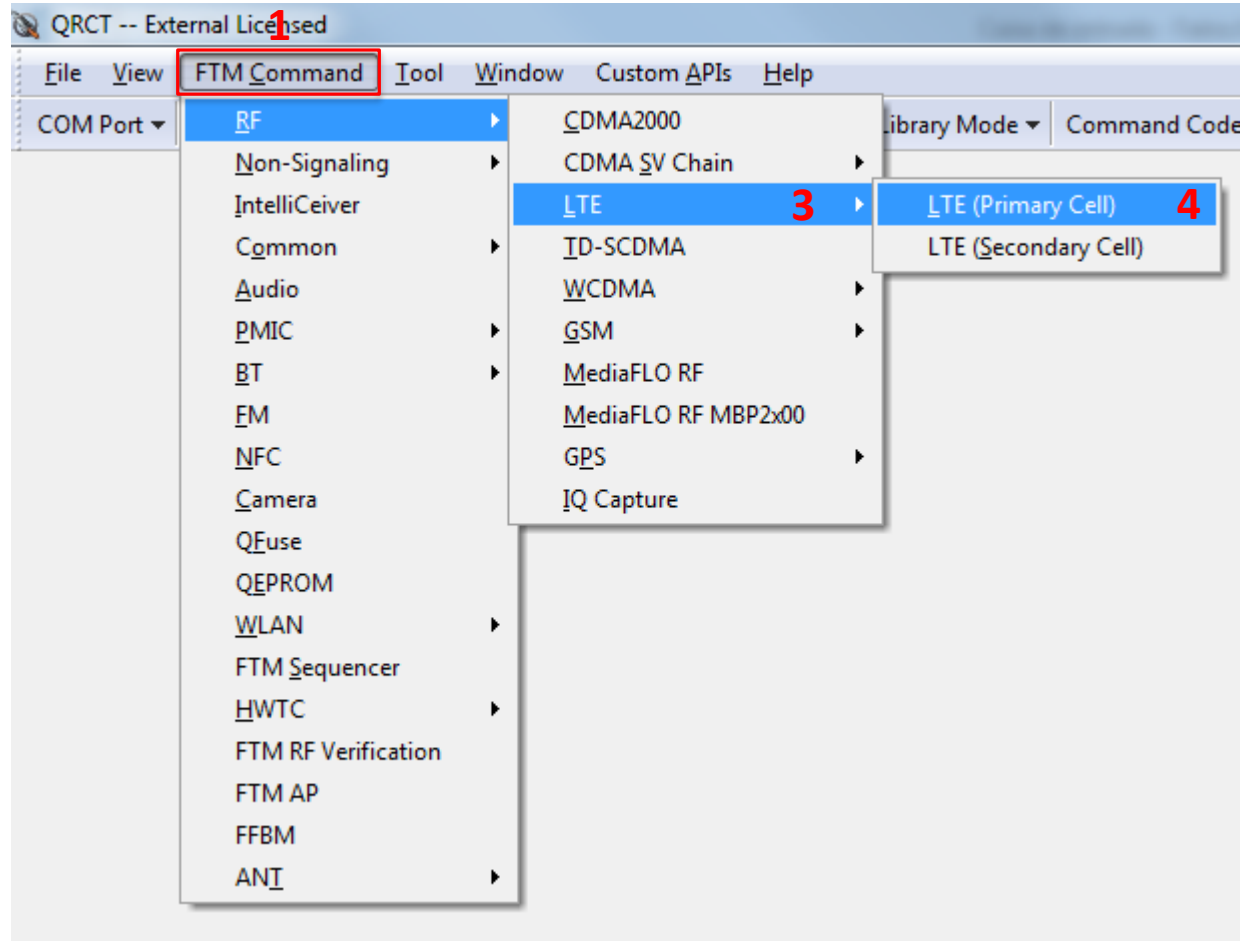
   – *A resposta da potencia está multiplicada por 10*

5 – Setup do LTE_RX_DIVERSITY

1 – FTM Command

2 – RF

3 – LTE

4 – LTE (Primary Cell)

6 – Setup do LTE_RX_DIVERSITY

1 – RF Band – *Escolher a Banda do Teste (Banda 7)*

2 – Tx Bandwidth – *10MHz*

3 – Rx Bandwidth – *10MHz*
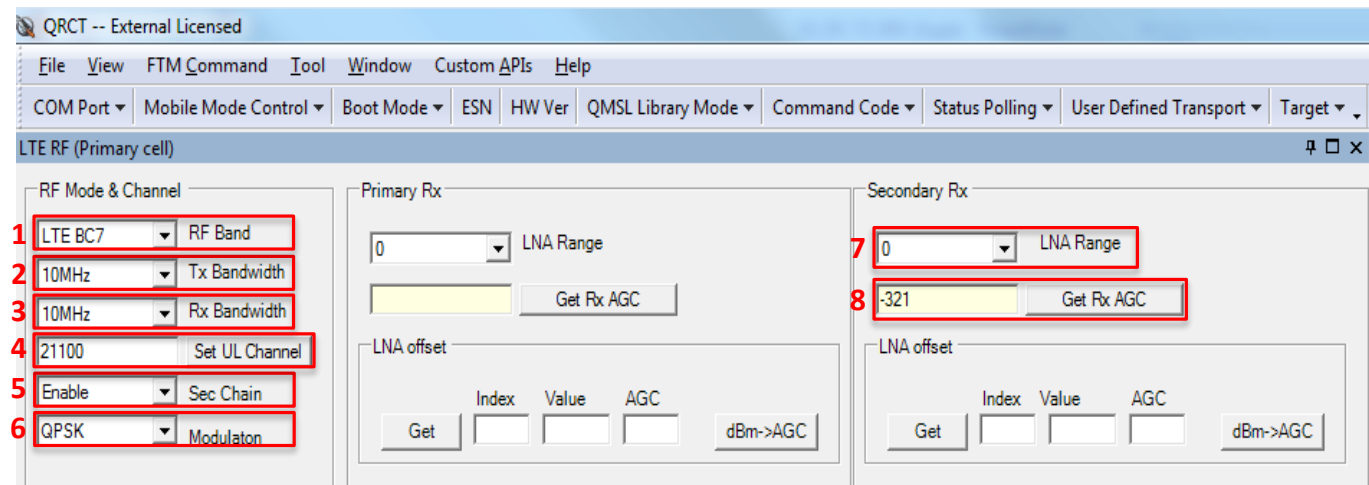
4 – Set UL Channel – *Canal de TX do Teste*

5 – Sec Chain:

    – *Diversity Antenna – Enable*
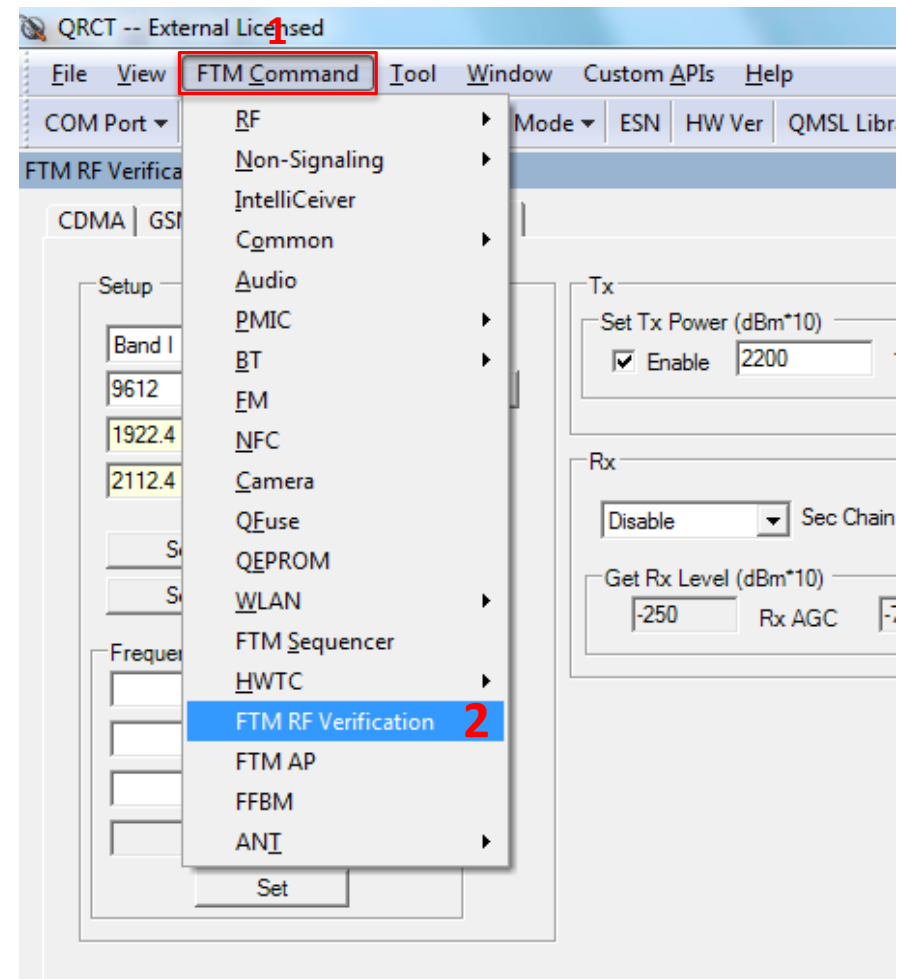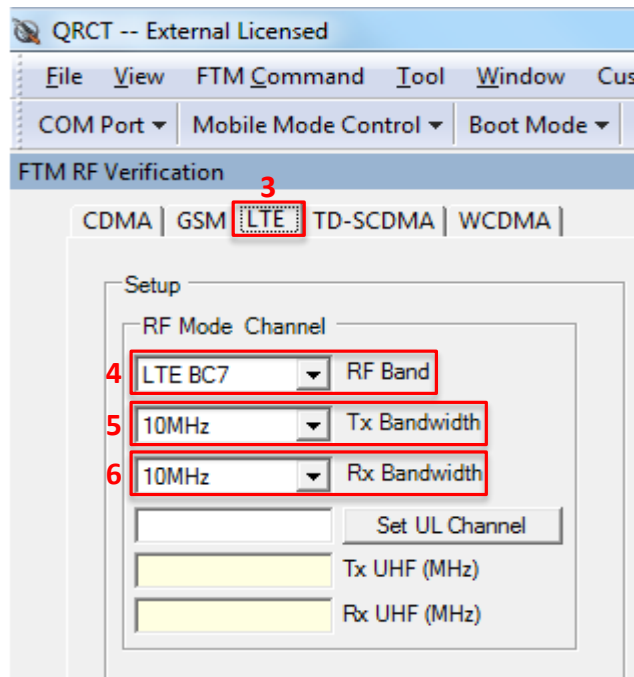
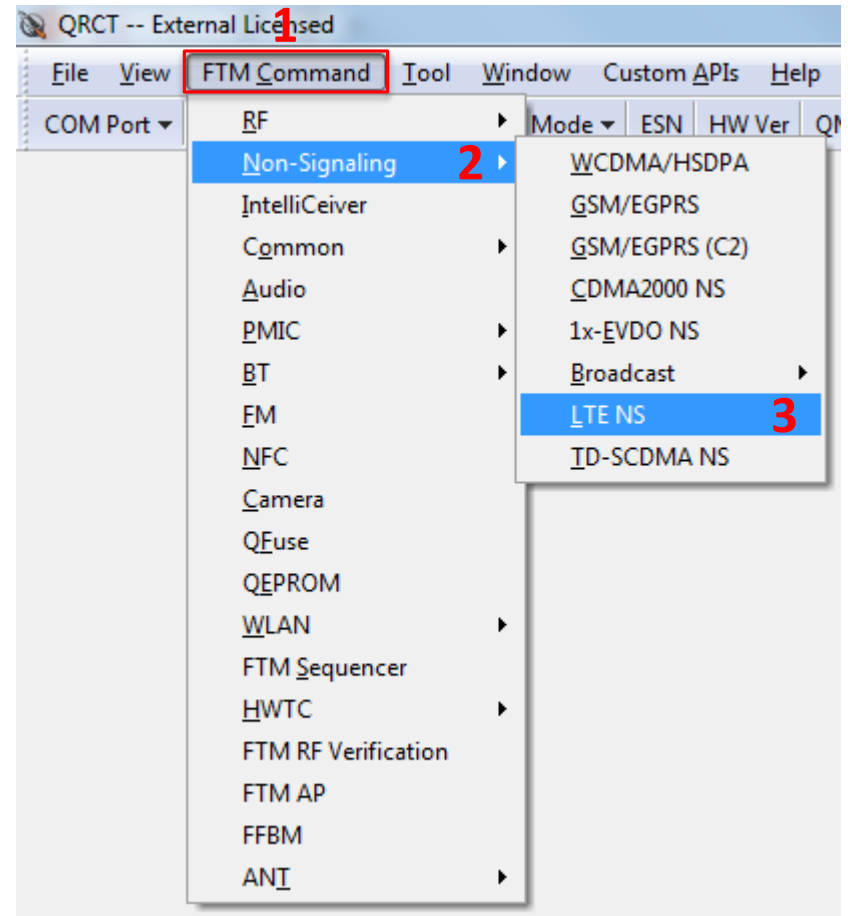6 – Modulation – *QPSK*

7 – Ajustar o LNA Range

8 – Get RX AGC

1 – FTM Command

2 – FTM RF Verification

3 – Selecionar à Aba "LTE"

4 – RF Band – Escolher a Banda do Teste
(Banda 7)

5 – Tx Bandwidth – 10MHz

6 – Rx Bandwidth – 10MHz

8 – LTE_NS_CALL_SETUP

1 – FTM Command

2 – Non-Signaling

3 – LTE NS

1 – Enable LTE NS

2 – LTE RF Band :

— *Escolher a Banda do Teste (Banda 7)*

3 – Downlink Channel

4 – Acquire DL

5 – Start LTE NS Data Path:

— *C-RNTI (base 10) – "14"*

— *Downlink LCID – "1"*

— *UE Max Tx Power Limit – "23"*

— *Network Sig Value – "1"*

— *Uplink LCID – "2"*

— *Clicar em Start DataPath*

6 – Configure UL waveform:

— *Override – "Yes"*

— *Chain - "0"*

— *Start RB – "19"*

— *Num RBs – "12"*

— *MCS – "6:QPSK,TBS-6 "*

— *Clicar em Configure*

7 – Configure UL Level:

— *Chain – "0"*

— *Mode – "1"*

— *Level – "230" (Potencia multiplicada por 10)*

— *Clicar em Configure*

Finalizando a Chamada:

- 1 – Disable LTE NS

Thank you