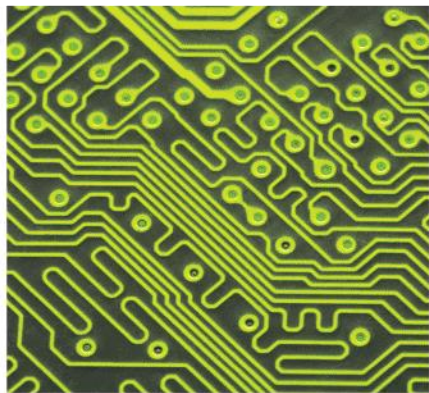
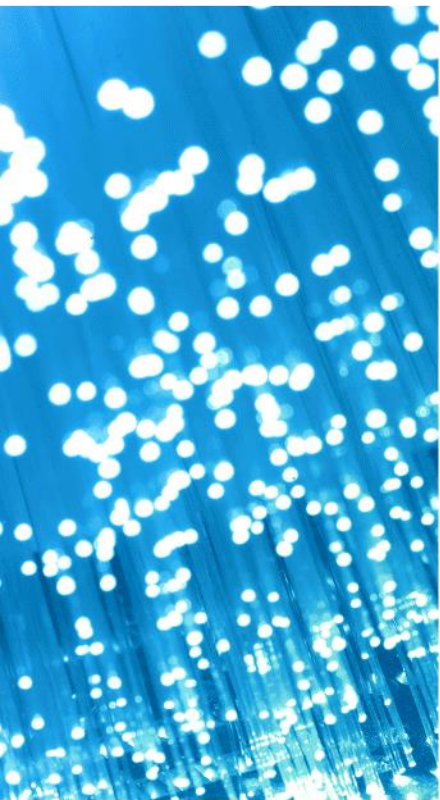


FLEXTRONICS X



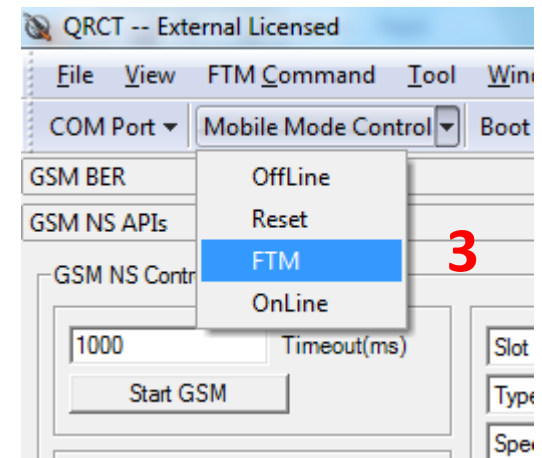
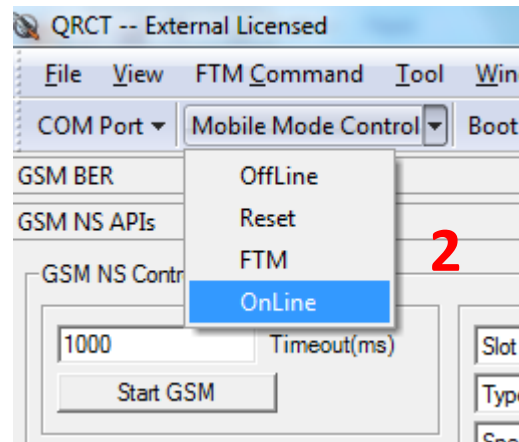
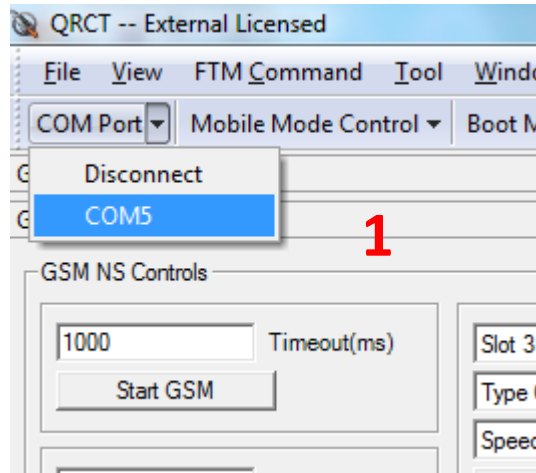
CONFIDENTIAL

2G – RX_TX

Jul 02, 2014

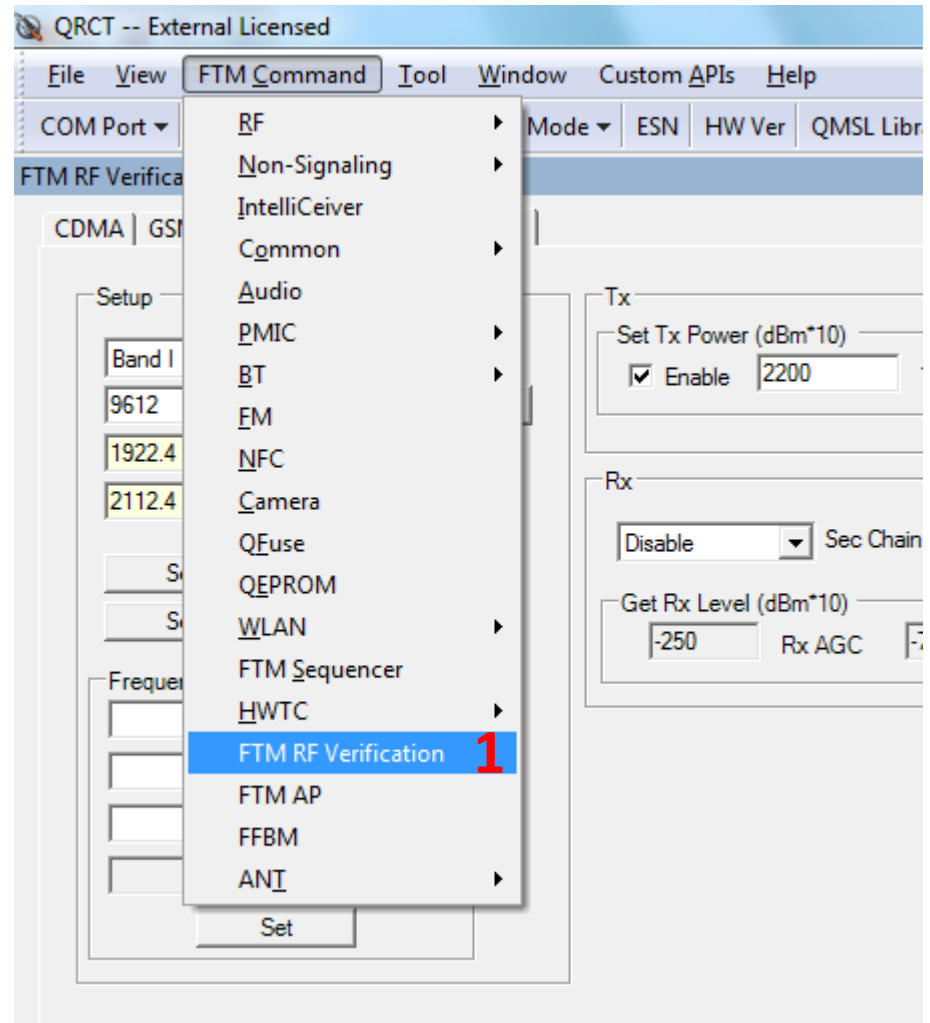
PRODUCT ENGINEERING – FABIO MULLER

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



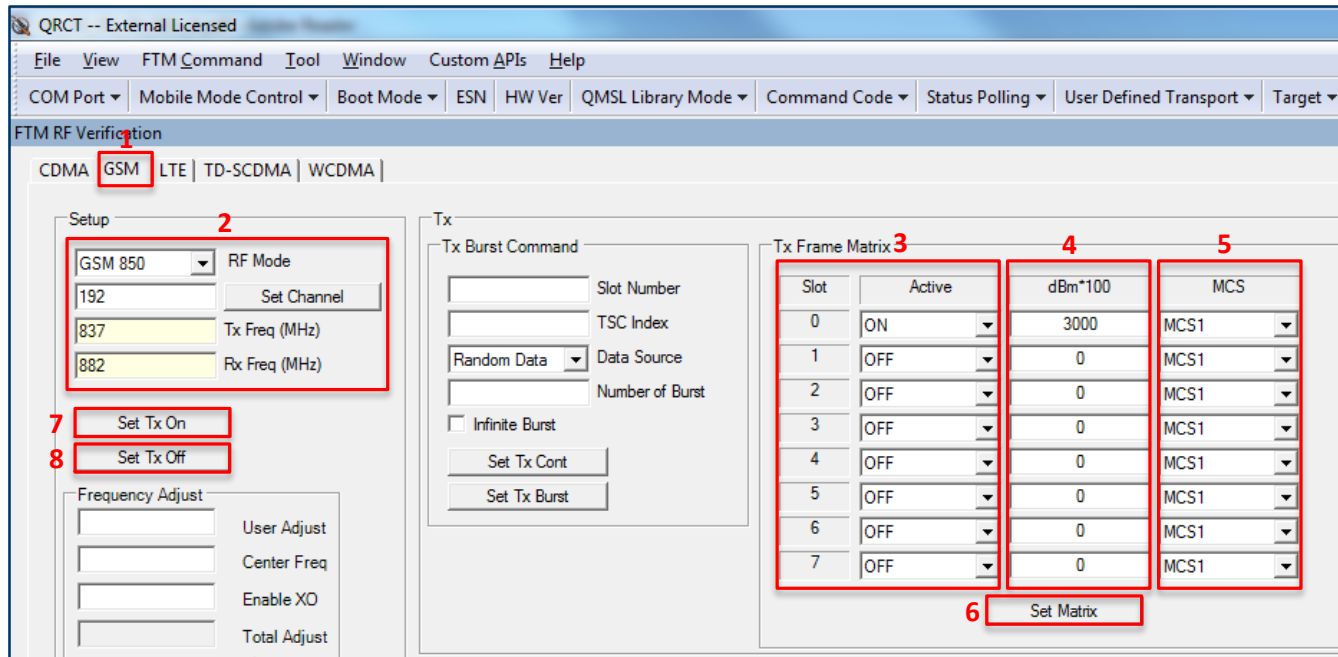
2 – Em “FTM Command” selecionar a ferramenta abaixo:

1 – FTM RF Verification



3 – Setup do 2G _TX

- 1 – Selecionar à Aba “GSM”
- 2 – Selecionar “Banda e Canal”
- 3 – Ligar os “Time Slots” desejados
- 4 – Ajustar a potencia (potencia X 10)
- 5 – MCS - TX GSM = 1-4 / TX EDGE= 5-9
- 6 – Set Matrix
- 7 – Set Tx ON
- 8 – Set Tx Off para desligar o TX



4 – Setup do 2G_RX

- 1 – Selecionar à Aba “GSM”
- 2 – Selecionar “Banda e Canal”
- 3 – Ligar o Modo de Recepção
- 4 – Configure LNA State
- 5 – Get RSSI – *dividir a respota por 16*

QRCT -- External Licensed

File View FTM Command Tool Window Custom APIs Help

COM Port Mobile Mode Control Boot Mode ESN HW Ver QMSL Library Mode Command Code Status Polling User D

FTM RF Verification

CDMA **GSM** LTE TD-SCDMA WCDMA

Setup

GSM 1800 RF Mode

699 Set Channel

1747.6 Tx Freq (MHz)

1842.6 Rx Freq (MHz)

Set Tx On

Set Tx Off

Frequency Adjust

User Adjust

Center Freq

Enable XO

Total Adjust

Set

Tx

Tx Burst Command

Slot Number

TSC Index

Random Data Data Source

Number of Burst

Infinite Burst

Set Tx Cont

Set Tx Burst

Tx Frame Matrix

Slot	Active	dBm*100
0	OFF	0
1	OFF	0
2	OFF	0
3	OFF	0
4	OFF	0
5	OFF	0
6	OFF	0
7	OFF	0

Set Matrix

Rx

0 Slot Number

Burst Rx On Cont Rx On

Burst Rx Off Cont Rx Off

Rx Burst

0 Exp. DL Power (dB16)

0 No. of Rx Bursts

Configure LNA State

-427 DL Power (dB16)

38915277 RSSI

Get RSSI

Thank you

