



# **Mobile TD/TTC/LTE**

PC Tools for TD/TTC/LTE

## **Miniviewer ReportLever&Color UserGuide**

V1.0

## Document Conventions



**Note:** Provides related information or information of special importance.



**Caution**

**Caution:** Indicates potential damage to hardware or software, or loss of data.



**Warning:** Indicates a risk of personal injury.

## Document Status

Doc Status: UE ConSole User Guide

Technical Publication:

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# 1 使用用法

## 1.1 Diag Message Setting

■ Miniviewer 中自定义消息颜色及ReportLevel显示，目前仅支持level-5以内的消息且空口消息不支持定义。

配置 Diag message 在 miniviewer 里颜色及 reportlevel 显示，可按以下操作完成。

1、例如：配置 331758 消息，双击 331758 消息至 logviewer，是 diag 消息所以在定义颜色和 reportlevel 时需要选择 cat1,2,3 并将其组合后为：  
singal Name:LTE\_PS\_ERRC\_MCR\_LteMcrStoreServingCellMeas\_end

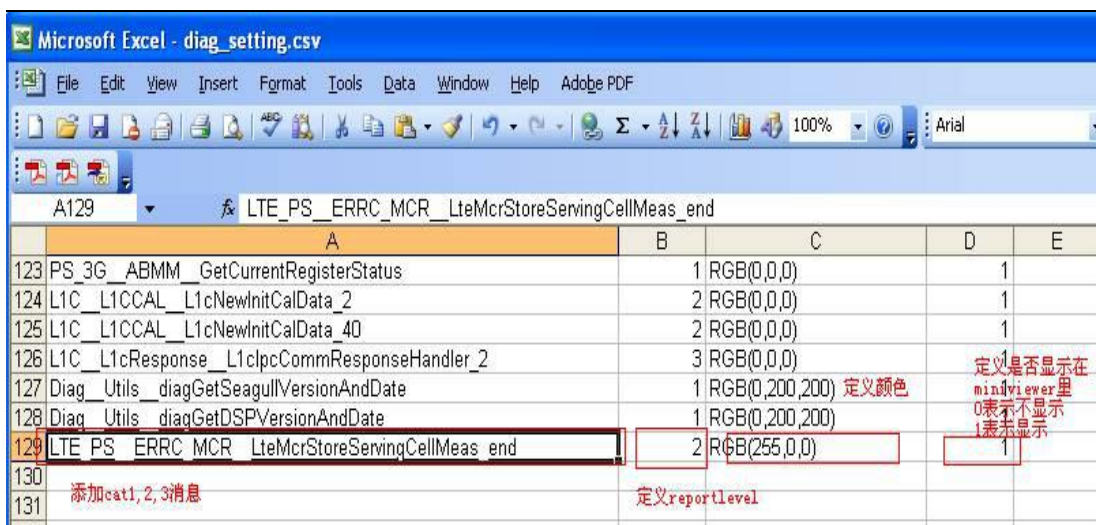
双击需要设置的消息到logviewer,取singal name

该条消息是diag消息，需取cat1,2,3组成 singal name

2、在 excelconfig 文件夹下打开 diag\_setting.csv 文件。

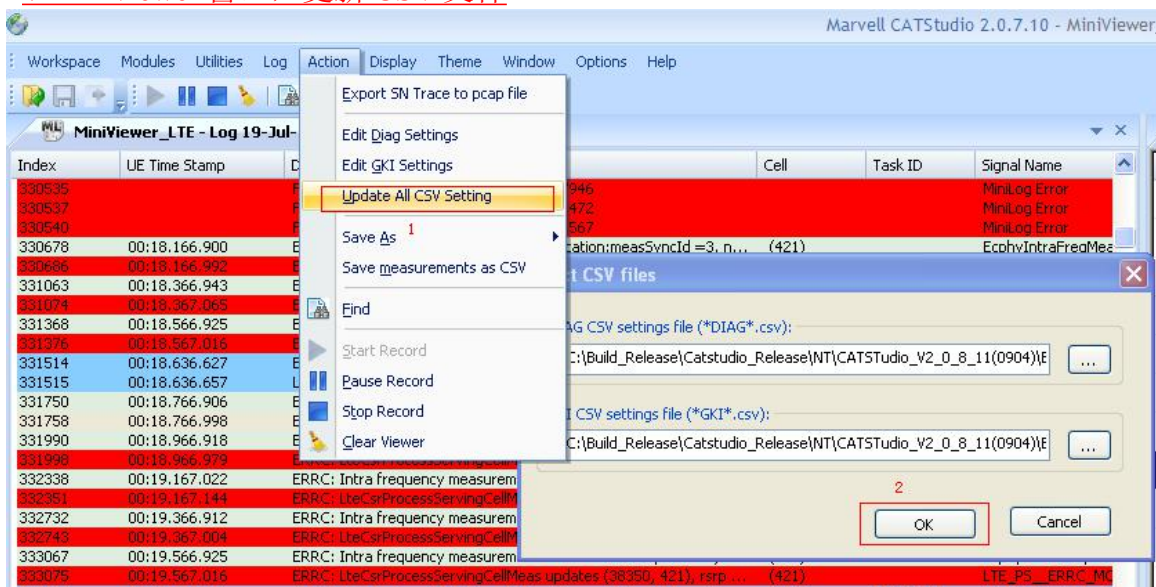
文件中查找 cat1,2,3 消息是否存在，若存在可直接修改，若不存在将 cat1,2,3 消息添加到 diag\_setting.csv 文件中，

“LTE\_PS\_ERRC\_MCR\_LteMcrStoreServingCellMeas\_end”，方法参照下图。



3、保存 diag\_setting.csv 文件并关闭。

4、miniviewer 窗口，更新 CSV 文件



## 1.2 Gki Message Setting

配置 Diag message 在 miniviewer 里颜色及 reportlevel 显示，可按以下操作完成。

1、例如:配置 167705 消息，双击 167705 消息至 logviewer，是 GKI 消息所以在定义颜色和 reportlevel 时需要选择 data 栏值，作为 signal name.

signal Name: dlEstablishReq

| Index  | UE Time Stamp | Data                                                         | Cell  | Task ID     | Signal Name     |
|--------|---------------|--------------------------------------------------------------|-------|-------------|-----------------|
| 158373 | 27:08.352.386 | pagingType1                                                  | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 158764 | 27:08.698.211 | GSM reselection start on arfcn: 710 Paging cycle2 MF, Ban... | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 158899 | 27:08.736.999 | Camping on arfcn: 710 with Bsc: 34                           | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 159903 | 27:09.174.926 | SAC_PS_RETRY_TIMER(0) timeout                                | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 160099 | 27:09.188.079 | sacPsStartDelayTimer                                         | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 164361 | 27:10.951.690 | message                                                      | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 164471 | 27:10.971.862 | message                                                      | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 164472 | 27:10.972.229 | MIB                                                          | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 165453 | 27:12.170.440 | SAC_PS_DELAY_TIMER timeout                                   | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 165462 | 27:12.192.047 | pagingType1                                                  | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 166601 | 27:14.753.082 | pagingType1                                                  | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 166808 | 27:15.393.524 | pagingType1                                                  | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 166816 | 27:15.393.737 | pagingType1                                                  | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 167005 | 27:16.079.895 | pagingType1                                                  | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 167705 | 27:17.097.320 | dEstablishReq message type: PAGING_RESPONSE                  | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 168748 | 27:17.462.707 | sacPsStartDelayTimer                                         | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 170055 | 27:19.949.279 | SAC_PS_RETRY_TIMER(0) timeout                                | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 170070 | 27:19.950.500 | sacPsStartDelayTimer                                         | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 172461 | 27:21.380.655 | GSM reselection start on arfcn: 710 Paging cycle2 MF, Ban... | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 172555 | 27:21.413.879 | Camping on arfcn: 710 with Bsc: 34                           | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |
| 173350 | 27:21.690.034 | SAC_PS_RETRY_TIMER(0) timeout                                | (710) | [SIM1]UP... | DL_PCCCH_TM_UAI |

| Cat1   | Cat2     | Cat3     | Comm Device | Index  | Diag SAP             | Data         |
|--------|----------|----------|-------------|--------|----------------------|--------------|
|        |          |          | Device 0    | 167697 | 5                    | phConnectInd |
| L2_DS  | L2Handle | Device 0 | 167698      | 0      | L2DD: SIG_PH_CONNECT |              |
|        |          | Device 0 | 167699      | 5      | phConnectInd         |              |
|        |          | Device 0 | 167700      | 5      | phConnectInd         |              |
|        |          | Device 0 | 167701      | 5      | phConnectInd         |              |
|        |          | Device 0 | 167702      | 5      | phConnectInd         |              |
| GSM_Iv | plgMphlr | Device 0 | 167703      | 0      |                      |              |
|        |          | Device 0 | 167704      | 5      |                      |              |
|        |          | Device 0 | 167705      | 5      |                      |              |
|        |          | Device 0 | 167706      | 5      |                      |              |

## 2、在 exec\config 文件夹下，打开 gki\_setting.csv 文件。

文件中查找 gki 消息是否存在，若存在可直接修改，若不存在将 gki 消息添加到 gki\_setting.csv 文件中，“dEstablishReq”，方法参照下图。

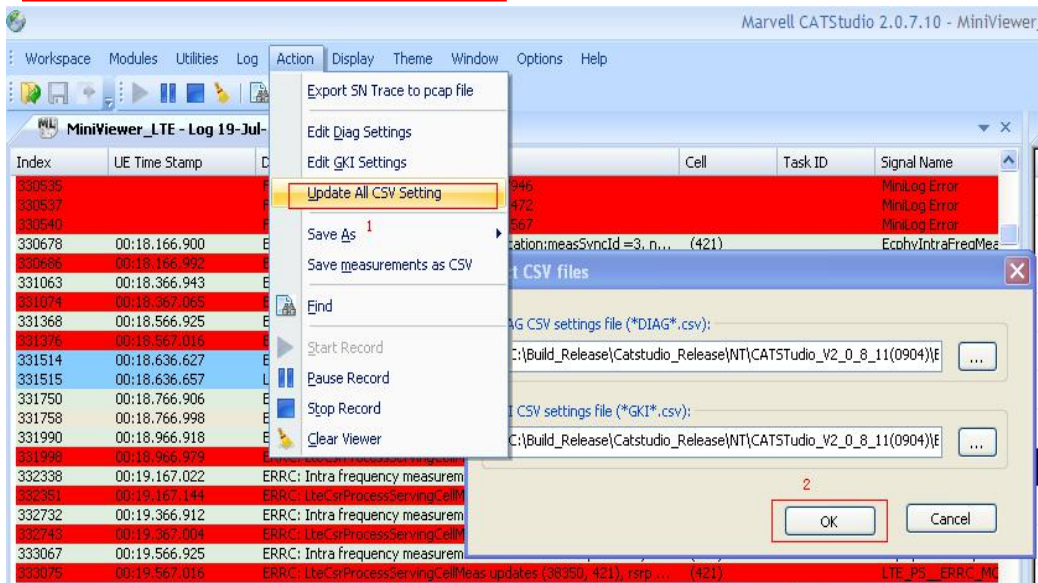
|     |                   |   |                |   |
|-----|-------------------|---|----------------|---|
| 129 | grrIestdIdIntolnd | 5 | RGB(0,0,0)     | 1 |
| 130 | tsDeliverInd      | 2 | RGB(0,0,0)     | 0 |
| 131 | vgmuxAtDataReq    | 1 | RGB(0,255,255) | 1 |
| 132 | vgmuxAtDataInd    | 1 | RGB(0,255,255) | 1 |
| 133 | dEstablishReq     | 2 | RGB(0,255,255) | 1 |
| 134 |                   |   |                |   |

1. 输入gki 消息      2. 定义reportlevel      3. color

4. 是否显示在miniviewer  
0:不显示在miniviewer  
1:显示在miniviewer

## 3、保存 gki\_setting.csv 文件并关闭。

## 4、miniviewer 窗口，更新 CSV 文件



## 2 Appendix

### 2.1 Report issues

Please visit webs: <http://support.asrmicro.com>.

Or contact ASR FAE/AE

Or please send email to [lianghuxu@asrmicro.com](mailto:lianghuxu@asrmicro.com) with "PC Tools User Doc Issue/Update: ..." title

Or submit an issue at CQ web: <http://sh2-cq01.asrmicro.com/cqweb/login>.

### 2.2 Update this document

Please send updated document to [lianghuxu@asrmicro.com](mailto:lianghuxu@asrmicro.com) with "PC Tools User Doc Issue/Update: ..." title for merging, and you will receive merged latest version.

### 2.3 Revision History

| Rev  | Description     | Date      |
|------|-----------------|-----------|
| 1.00 | Initial version | 2013-8-28 |
|      |                 |           |