



Product Change Note

<b>Subject</b>	AT&T 3G Sunset UE setting change
<b>Change Description</b>	Use AT command to change the module Ue_Usage_Setting from 'Voice Centric' to 'Data Centric'
<b>Change Category</b>	<input type="checkbox"/> Design change <input type="checkbox"/> Production process change <input type="checkbox"/> Production environment change <input type="checkbox"/> Production site change <input type="checkbox"/> Raw Material <input checked="" type="checkbox"/> Other: Software Setting

**Reason for change**

AT&T 3G sunset is scheduled on Feb 22, 2022. After that some SIMCom modules (the model numbers are listed below) will have 'No service' status if the module Ue\_Usage\_Setting (UE usage setting) is 'Voice Centric' and VoLTE is not supported. Therefore we need to use AT command to change the module Ue\_Usage\_Setting (UE usage setting) from 'Voice Centric' to 'Data Centric'.

**Change content**

I, Change Ue\_Usage\_Setting to be data centric:

AT command:

**AT+CNV=/nv/item\_files/modem/mmode/ue\_usage\_setting,0,01,1**

Note:

- 1, the command will take effect after the module resets;
- 2, For the modules that will be shipped starting February 2022, these parameters will be set by default; If the customer sets them repeatedly, there will be no impact.

The following products will be affected:

Model	Hardware PN
SIM7500A	S2-106QQ
SIM7500A-H	S2-1071R
SIM7600A	S2-107BQ
	S2-107YY
SIM7600A-H	S2-107BR
	S2-109FF
	S2-10970
SIM7500A-PCIE	S2-1078R
SIM7500A-PCIEA	S2-1078Q
SIM7500A-H-PCIEA	S2-1078N
SIM7500A-H-PCIE	S2-1078P
SIM7600A-PCIE	S2-107KL



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SIM7600A-PCIEA	S2-107KM
SIM7600A-H-PCIE	S2-107KN
SIM7600A-H-PCIEA	S2-107KP
SIM7600A-H-PCIESIM	S2-107QY

II, For the 'Data + voice' module used in a 'Data only' terminal or device, IMS needs to be disabled.

The command to disable IMS:

**AT+CNV=/nv/item\_files/ims/IMS\_enable,0,00,1**

Note:

- 1, the command will take effect after the module resets;
- 2, The modules used in 'Data only' device will use new PN and TAC, the model number and PN are listed in the following table:

Model	PN number
SIM7500A	S2-10B4P
SIM7500A-H	S2-10B4Q
SIM7600A	S2-10B4R
SIM7600A-H	S2-10B4S
SIM7600NA	S2-10B4T
SIM7600NA-H	S2-10B4V
SIM7600G	S2-10B4W
SIM7600G-H	S2-10B4X

Note:

Please refer to the document 《SIM7500ASIM7500A-HSIM7600ASIM7600A-H\_AT&T 3G Sunset Configuration Guide\_V1.00》, and contact SIMCom FAE.

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