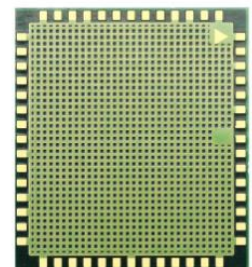


# Wireless Device Technical Approval Notification - In Confidence

IT'S HOW  
WE CONNECT



Manufacturer	SIMCom
Model	SIM7500SA
Market Name	SIM7500SA
Device Type	Embedded Module
Nature of Approval	New Device
Status	Full Approval
Conditional item	None
Software detail	SIM7500M21_B08V12_210604
OS detail	Not Applicable
4G Network	Supported
3G Network	Supported
2G Network	Supported
Roaming	Supports Roaming to Europe and Americas
Approval Re-assessment Date	12 June 2023
Main Device Strengths and Key Features	None
Main Device Weaknesses	None
Date	15 June 2021
To	Dingwei Lu – SIMCom
CC	Michael Yang – IoT Technology and Devices
From	<p><b>Nesa Packianathan</b>            Networks Engineering   Domain Engineering   Testing &amp; Device Accreditation              Address: Level 2, 91 Marsden St   Parramatta NSW 2150   Australia            Mobile: +61 412 308 796; Facsimile +61 298 654 709 (Insert 0 for +61 within Australia)</p>



# SOFTWARE INFORMATION

Device Software	SIM7500M21_B08V12_210604
Software Interrogation Sequence	Using AT Command (ATI)
TAC	86392203
Locked to Telstra Network	No
SVN	02
SIP User Agent	Telstra Simcom SIM7500SA Linux SIM7500M21_B08V12_210604

# HARDWARE INFORMATION

HARDWARE Version of Engineering Sample	P1.01
HARDWARE Version of production Sample	P1.01
Hardware Interrogation Sequence	Using AT Command (AT+CQCNV)

# RF PLATFORM

Chipset	Qualcomm MDM9207-1
Chipset Firmware Version	MPSS.JO.2.0.1.c1-00232-9607_GENNS_PACK-1
Application Processor	ARM cortex A7
Application Processor Firmware Version	ARMv7 Processor rev 5
RF Platform Used/Radio processor models	SKY77641-21
Flash Chipset Type and Size	JSFBAB3YHABBG-425,2G8NAND+1G32LPDDR2

# ANTENNA

Is this device a Blue tick?	There will not be a Data Device coverage performance rating.
External RF connection	To be determined by product integrating the module

# RADIO TECHNOLOGY SUPPORT

WCDMA	Yes
HSPA	Yes
LTE	Yes
LTE Downlink 256 QAM capable	No
LTE Uplink 64 QAM capable	No

# BAND SUPPORT

4G Network	FDD: 2100(B1)/1800(B3)/2600(B7)/900(B8)/1900(B2)/1700(B4)/850(B5)/700APT(B28) TDD: 2300(B40)
3G Network	Band I (2100), Band II (1900), Band V (850), Band VIII (900)
2G Network	Quad Band GSM – 850/900/1800/1900 MHz

# DATA THROUGHPUT CATEGORY

4G Network	CAT 1 (DL -10 Mbps, UL -5 Mbps)*
3G Network	CAT 24 DL (42 Mbps ) *, CAT 6 UL (5.76 Mbps) *

\* Speed mentioned is network peak throughput

## POWER CLASS

Power Class UMTS 850/ 2100/ 1900/ 900	3
Power Class LTE 700/850/900/1800/2100	3

## AUDIO CODEC SUPPORTED

EFR	Yes
HR	Yes
AMR	Yes
AMR-WB	Yes
EVS	No

## CONNECTIVITY

NFC	No
Wi-Fi	No
Bluetooth	No
DLNA	No





## EXTRA FEATURES

External Memory	No
3G VOICE	Yes
4G Voice (VoLTE and E000 Call)	Yes
VoWiFi	No
Telstra Messaging (RCS)	No
4G Video calling (ViLTE)	No
SMS-MT	Yes
SMS-MO	Yes
SMSoIP	No


MMS	No
GPS	Yes – Not Tested
AGPS	No
PAP	Yes
CHAP	Yes
USIM-OTAC	Yes
Single Stack IPv6	Yes
Dual Stack IPv4v6	Yes
Single Stack IPv6 Tethering/Wi-Fi hotspot	No
Dual Stack IPv4v6 Tethering/Wi-Fi hotspot	No
Roaming PDN/PDP Type Option	No
Device OTAC	No
USIM Variant	Integrating product dependent
SIM Toolkit	Yes
BIP	Yes
FOTA	Yes (Remote upgrade possible via proprietary procedure)
Simultaneous PDP	Yes (LTE-3PDN, UMTS -3PDP)
Multiple RAB Support	Yes (LTE – 4 PS, UMTS – 1 CS(WB) + 1 PS or 1 CS (NB) + 1 PS)

# REPORTS AND DOCUMENTS

## Vendor provided documents

SAR	Not Applicable
SDoC	<p>The Vendor has provided the SDoC report (Report attached below). Note that the vendor is responsible for the content of this report (and not Telstra)</p>  <p>c02_suppliers_declaration_of_conformit</p> <p>[c02_suppliers_declaration_of_conformity SIM7500SA 20201221.pdf]</p>
Hardware declaration document	<p>[Hardware declaration document for SIM7600SA_2018-10-15.pdf]</p>
GCF/ PTCRB	GCF-CC 3.69
Additional Device Specification	 <p>SIM7500SA_SPEC EN_202004.pdf</p>
Vendor Customisation File	 <p>SIMCOM_Customization_SIM7600SA.xls</p> <p>[SIMCOM_Customization_SIM7600SA.xlsx]</p>
Release Notes	 <p>SIMCom_7600SA_MR1_Release Notes.zip</p>

## TELSTRA documents

Pre-configuration Document	MSR0295_v67
Customisation Document	Not applicable
Issues Register	 <p>SIMCOM_SIM7500SA_issues.xlsx</p> <p>[SIMCOM_SIM7500SA_issues.xlsx]</p>

# ENDORSEMENT AND SIGN OFF

## Domain Engineering

Domain Engineering Chapter	Nesa Packianathan for Sri Ganeshwaran Sinthu	Chapter Lead – Testing & Device Accreditation Chapter Area Lead – Domain Engineering
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## CONDITIONS OF APPROVAL

- Approval is provided based on the hardware and software variants submitted to, tested by and technically approved by Telstra.
- Any changes to hardware and software are to be formally submitted to Telstra in writing prior to implementation so Telstra can evaluate and/or validate the impact of the change/s
- Approval is given on basis that future software upgrades will have updated SVN values.
- Compatibility status is given on tests performed, manufacturers declaration of compliance and change information on existing compatible product.
- Data devices Approval status will be reassessed two (2) years after initial Telstra Technical Approval.
  - Re-assessment Date: 12 Jun 2023

**SIMCom** to address the following issues in **Future products**. All issues have an acceptance from Telstra Retail/Products

Condition No	Issue No	Issue description	End Customer / Network Impact
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		Outstanding class 3 issues in issues register should be addressed in future releases or products	
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