



Date:

Information on IoT device or cellular module

Type	☐ Cellular Module	☐ IoT Device
Module Vendor:		IoT Device Vendor:
Module Name		IoT Device Name:
Base Band Chipset Vendor:		Embedded Module Vendor:
Chipset Name:		Embedded Module Name:
Module Hardware Version:		IoT Hardware Version:
Module Software Version:		IoT Software Version:
3GPP Release:		Customization Version:

Shall your product be listed on our homepage? ☐ Yes ☐ No

Vodafone Innovation Park Reference customers: <https://www.vodafone.de/unternehmen/referenzen.html>

Link to your product homepage:

Contact person of the customer

Name:

Address:

Email:

Phone:

Company:

Technical contact

Name:

Address:

Email:

Address for hardware return if it is different from the contact person's address

Name:

Address:

Email:

Shipping address

Vodafone GmbH

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Supported frequency bands

Area GPRS/EDGE (2,5G)

- ☐ Band 8 – 900MHz ☐ Band 3 – 1800MHz
-

Area UMTS/HSPA+ (3G)

- ☐ Band 8 – 900MHz ☐ Band 1 – 2100MHz
-

Area LTE (4G) – frequency bands:

- | | |
|---|---|
| ☐ Band 1 (2100 MHz) | ☐ Band 3 (1800 MHz) |
| ☐ Band 7 (2600 MHz) | ☐ Band 8 (900 MHz) |
| ☐ Band 28 (700 MHz) | ☐ Band 20 (800 MHz) |
| ☐ Band 38 LTE TDD (2600 MHz) | ☐ Band 32 (1400 MHz) |
-

Area NR (5G) – device capabilities

- ☐ NR SA ☐ NR NSA ☐ NR DSS ☐ RedCap

NR frequency bands

- ☐ n78 (3500 MHz) ☐ n28 (700 MHz) ☐ n3 (1800 MHz) ☐ n1 (2100 MHz)

LTE anchor

- ☐ Band 1 (2100 MHz) ☐ Band 3 (1800 MHz) ☐ Band 7 (2600 MHz) ☐ Band 20 (800 MHz)

Freq. band combination:

Area LTE NB-IoT frequencies

- ☐ Band 3 (1800 MHz) ☐ Band 8 (900 MHz)
☐ Band 20 (800 MHz) ☐ Band 28 (700 MHz)

Area LTE Cat-M frequency

- ☐ Band 20 (800 MHz) ☐ Band 8 (900 MHz)



Feature set

Area UMTS / HSPA +

☐ Cat DL: Throughput DL: Cat UL: Throughput UL:

Area LTE

☐ Cat 1:

☐ Cat DL: Throughput DL: Cat UL: Throughput UL:

Frequency band combination:

Voice / SMS / eCall

☐ Voice ☐ VoLTE ☐ VoWiFi
☐ SMS ☐ NG-eCall
☐ eCall

Area SIM

☐ Support of proactive SIM commands ☐ SGP.02 ☐ SGP.32
☐ Remote SIM provisioning (eUICC E2E)

IPv6

☐ IPv6 ☐ IPv4v6 dual stack



Test setup information

Number of samples

- 3 test samples per each model are needed
- 2 samples of them should have an external SIM slot

Customized SIM in use

Vendor: Data throughput limit: DL UL
Format ☐ 2FF (Mini) ☐ 3FF (Micro) ☐ 4FF (Nano) ☐ Embedded

Antenna connector

☐ Internal antenna ☐ Internal antenna connector – connection via RF-cable possible
☐ External antenna Plug connector:

IoT – device setup

APN 1: Expected throughput: DL UL
APN 2: Expected throughput: DL UL

Operating system

☐ WIN x ☐ Linux ☐ iOS ☐ other:

Connection

☐ USB ☐ LAN ☐ Serial ☐ other:
☐ Microphone ☐ Speaker

Power supply

☐ External adapter ☐ Battery Typ:

Trace software

☐ Yes ☐ No Comment:



Required documents for certification

TA 1.3	Complete GCF certification of the M2M Device (GCF lab test, GCF field trial and Device registration with GCF); This also applies to cellular modules under certification with us. Please note that the GCF certification of just the radio module is not sufficient.
TA 1.15	Statement of reserved IMEI range for product and TAC code registered to supplier.

☐ Yes ☐ No

☐ Yes ☐ No

Documents and tools

Following documents and tools have to be provided by the customer in advance of the certification process:

- FW release note
- FW update flash instructions
- Sample pictures with user manual
- PICS/PIXIT list
- AT command specifications
- Modem driver
- Preferred DMC log files, manuals
- Data sheet of the product

Comment:



Management
System
ISO 9001:2015

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