



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: www.vodafone.de/innovationpark/en/references.html

Link to your product homepage:

Contact person of the customer

Name:

Address:

Email:

Phone:

Company:

Technical contact

Name:

Address:

Email:

Differed for hardware return

Name:

Address:

Email:

Shipping address

Vodafone GmbH

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Supported Frequency Bands

Area 2,5G

- ☐ Band 5 – 850MHz ☐ Band 8 – 900MHz ☐ Band 3 – 1800MHz ☐ Band 25 – 1900MHz
-

Area 3G

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

Area 4G – Frequency Bands:

- | | |
|--|---|
| ☐ Band 1 (UL 1920 – 1980MHz, DL 2110 – 2170MHz) | ☐ Band 3 (UL 1710 – 1785MHz, DL 1805 – 1880MHz) |
| ☐ Band 4 (UL 1710 – 1755MHz, DL 2110 – 2155MHz) | ☐ Band 5 (UL 824 – 849MHz, DL 869 – 894MHz) |
| ☐ Band 7 (UL 2500 – 2570MHz, DL 2620 – 2690MHz) | ☐ Band 8 (UL 880 – 915MHz, DL 925 – 960MHz) |
| ☐ Band 17 (UL 704 – 716MHz, DL 734 – 746MHz) | ☐ Band 20 (UL 832 – 862MHz, DL 791 MHz – 821MHz) |
| ☐ Band 28 (UL 703 – 748MHz, DL 758 – 803MHz) | ☐ Band 32 (DL 1452 – 1496MHz) in DE, IT and UK |
| ☐ Band 38 LTE TDD (UL / DL 2570 – 2620MHz) | ☐ Band 42 LTE TTD (3400 – 3600MHz) in VF RO |
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Area New Radio 5G – Device Capabilities

- ☐ NR SA ☐ NR NSA ☐ NR DSS

NR Frequency Bands

- ☐ N78 (3,5GHz) ☐ N28 (700MHz) ☐ N3 (1800MHz)

LTE Anker

- ☐ Band 1 ☐ Band 3 ☐ Band 7 ☐ Band 20

Freq. Band Combination:

Area LTE NB-IoT Frequencies

- | | |
|---|---|
| ☐ Band 3 (UL 1710 – 1785MHz, DL 1805 – 1880MHz) | ☐ Band 8 (UL 880 – 915MHz, DL 925 – 960MHz) |
| ☐ Band 20 (UL 832 – 862MHz, DL 791 MHz – 821MHz) | ☐ Band 28 (UL 703 – 748MHz, DL 758 – 803MHz) |

Area LTE Cat-M Frequency

- ☐ Band 20 (UL 832 – 862MHz, DL 791 MHz – 821MHz)



Feature Set

Area GPRS / EDGE

- ☐ Multislot Class 10 ☐ Multislot Class 12 ☐ Multislot Class 33
-

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
☐ eCall
-

Area SIM

- ☐ Support of Proactive SIM Commands
☐ Remote SIM Provisioning (eUICC)
-

IPv6

- ☐ IPv6 ☐ IPv4v6 dual Stack



Test Setup Information

Number of Samples

- 3 test samples per each model are needed
- 1 sample of each model 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

☐ WIN10 ☐ 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:

