## Standrad Product – Catalog 2019

### Full-Test
- **NB-IoT**
- **2G & NB-IoT**
- **2G & 3G**
- **2G, 3G & 4G**
- **2G, 3G, 4G & VoLTE**
- **3G & 4G**
- **2G & 4G**
- **3G, 4G & VoLTE**
- **2G 4G & VoLTE**
- **Automotive**

### Smart-Test
- **2G & 3G**
- **2G, 3G & 4G**
- **2G, 3G, 4G & VoLTE**
- **3G & 4G**
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- **2G, 4G & VoLTE**

### More
- **VoLTE - only**
- **Automotive**
- **eCall - only**
- **VoLTE – add on**
- **eCall – add on**
- **From Cat 9 to ...**
- **Chipset - only**

Click on product for description!

**Contact form click here**

The Vodafone Innovation Park offers you a realistic multi-vendor test environment and certifies Devices against the global Vodafone requirements.

We use all current radio and core technologies for this purpose.

The result is a successful certification so that the devices can be used in the Vodafone global network.

Note: Smart-Tests have a smaller test scope and are used for verification.
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2G, 3G, 4G & VoLTE

Included test areas in the test scope:

- GSM and Basic Operations
- GPRS-EDGE
- 3G Datacard
- 3G Handset
- Steering of Roaming based on SIM OTA
- Steering of Roaming based on SS7
- USIM-ME
- LTE Data
- LTE-Advanced
- LTE Voice via CSFB
- PAP/CHAP
- SMS
- Speechcodecs & Ciphering
- Speechcodecs EVS
- LTE Voice over LTE

3G & 4G

Included test areas in the test scope:

- GPRS-EDGE
- 3G Datacard
- 3G Handset
- Steering of Roaming based on SIM OTA
- Steering of Roaming based on SS7
- USIM-ME, LTE Data
- LTE-Advanced
- LTE Voice via CSFB
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2G & 4G

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- Speechcodecs EVS
3G, 4G & VoLTE

Included test areas in the test scope:

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2G, 4G & VoLTE

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- PAP CHAP
- Speech codecs & Ciphering
- Speech codecs EVS
- LTE Voice over LTE
- IoT eCall
- Customized test

Router Full feature 2G, 3G, 4G, WLAN, UI

Included test areas in the test scope:

- GPRS-EDGE
- 3G Datacard
- GSM and Basic Operations
- Steering of Roaming based on SIM OTA
- Steering of Roaming based on SS7
- USIM-ME
- LTE Data
- LTE-Advanced
- LTE Voice via CSFB
- USIM-ME
- SMS
- Router
- WLAN
- Customized test

eCall - only

Included test areas in the test scope:

- IoT eCall
- Consulting Service
- dev. Support

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Legal notice: www.vodafone.de/pflichtangaben
VoLTE - only

Included test areas in the test scope:

11 LTE Voice over LTE
Consulting Service
dev. Support

Smart - 2G & 3G

Included test areas in the test scope:

GSM and Basic Operations
SMS
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3G Datacard
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Smart - 2G, 3G & 4G

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NB-IoT

Included test areas in the test scope:

NB-IoT Attach/Detach Procedure
NB-IoT Data Transfer
NB-IoT Mobility
NB-IoT Capabilities
NB-IoT PSM
2G & NB-IoT

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VoLTE – add on

Included test areas in the test scope:

LTE Voice over LTE

eCall – add on

Included test areas in the test scope:

IoT eCall

From Cat 9 to xx – add on

Included test areas in the test scope:

Chipset - only

Included test areas in the test scope:

LTE Data form Cat 9
dev. Support