



## Standrad Product – Catalog 2019

### Full-Test

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### Smart-Test

[2G & 3G](#)  
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### More

[VoLTE - only](#)  
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[eCall - only](#)  
  
[VoLTE – add on](#)  
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[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.

### Vodafone GmbH

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Product Description	Offer
<b>2G &amp; 3G</b>	
Included test areas in the test scope:	
GSM and Basic Operations	
GPRS-EDGE	
1 3G Datacard	Full <input type="checkbox"/>
3G Handset	
PAP/CHAP	
SMS	
USIM-ME	
Steering of Roaming based on SIM OTA	
Steering of Roaming based on SS7	
<b>2G, 3G &amp; 4G (up to CAT 9)</b>	
Included test areas in the test scope:	
GSM and Basic Operations	
GPRS-EDGE	
3G Datacard	
3G Handset	
Steering of Roaming based on SIM OTA	Full <input type="checkbox"/>
Steering of Roaming based on SS7	
USIM-ME	
LTE Data	
LTE-Advanced	
LTE Voice via CSFB	
PAP/CHAP	
SMS	
2 Speechcodecs & Ciphering	
Speechcodecs EVS	
Up to CAT 9	
<b>2G, 3G &amp; 4G (from CAT 9 to ..)</b>	Full <input type="checkbox"/>

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### 2G, 3G, 4G & VoLTE

Included test areas in the test scope:

3	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	Full	<input type="checkbox"/>
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### 3G & 4G

Included test areas in the test scope:

4	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 Speechcodecs & Ciphering Speechcodecs EVS	Full	<input type="checkbox"/>
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### 2G & 4G

Included test areas in the test scope:

4.1	GSM and Basic Operations GPRS-EDGE Steering of Roaming based on SIM OTA Steering of Roaming based on SS7 USIM-ME LTE Data LTE-Advanced PAP/CHAP SMS LTE Voice via CSFB Speechcodecs & Ciphering Speechcodecs EVS	Full	<input type="checkbox"/>
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### 3G, 4G & VoLTE

Included test areas in the test scope:

5	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 & Cipherring Speechcodecs EVS LTE Voice over LTE	Full	<input type="checkbox"/>
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### 2G, 4G & VoLTE

Included test areas in the test scope:

5.1	GSM and Basic Operations SMS GPRS-EDGE 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 Speechcodecs & Cipherring Speechcodecs EVS LTE Voice over LTE	Full	<input type="checkbox"/>
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### Automotive

Included test areas in the test scope:

GSM and Basic Operations  
SMS  
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  
Speechcodecs & Ciphering  
Speechcodecs EVS  
LTE Voice over LTE  
IoT eCall  
Customized test

6

Full

### 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

9

Full

### eCall - only

Included test areas in the test scope:

IoT eCall  
Consulting Service  
dev. Support

10

Full

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### VoLTE - only

Included test areas in the test scope:

- |    |  |      |                          |
|----|--|------|--------------------------|
| 11 | LTE Voice over LTE<br>Consulting Service<br>dev. Support | Full | <input type="checkbox"/> |
|----|--|------|--------------------------|

### Smart - 2G & 3G

Included test areas in the test scope:

- |    |  |       |                          |
|----|--|-------|--------------------------|
| 12 | GSM and Basic Operations<br>SMS<br>GPRS-EDGE<br>3G Datacard<br>3G Handset<br>USIM-ME<br>Steering of Roaming based on SIM OTA<br>Steering of Roaming based on SS7 | Smart | <input type="checkbox"/> |
|----|--|-------|--------------------------|

### Smart - 2G, 3G & 4G

Included test areas in the test scope:

- |    |   |       |                          |
|----|---|-------|--------------------------|
| 13 | GSM and Basic Operations<br>SMS<br>GPRS-EDGE<br>3G Datacard<br>3G Handset,<br>Steering of Roaming based on SIM OTA<br>Steering of Roaming based on SS7<br>USIM-ME<br>LTE Data<br>LTE-Advanced<br>LTE Voice via CSFB<br>Speechcodecs & Ciphering<br>Speechcodecs EVS | Smart | <input type="checkbox"/> |
|----|---|-------|--------------------------|

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

Included test areas in the test scope:

14	GSM and Basic Operations SMS 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 Speechcodecs & Ciphering Speechcodecs EVS LTE Voice over LTE	Smart	<input type="checkbox"/>
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### Smart - 3G & 4G

Included test areas in the test scope:

15	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 Speechcodecs & Ciphering Speechcodecs EVS LTE Voice over LTE	Smart	<input type="checkbox"/>
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### Smart - 2G & 4G

Included test areas in the test scope:

16	GSM and Basic Operations SMS GPRS-EDGE, Steering of Roaming based on SIM OTA Steering of Roaming based on SS7 USIM-ME LTE Data LTE-Advanced LTE Voice via CSFB Speechcodecs & Ciphering Speechcodecs EVS	Smart	<input type="checkbox"/>
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### Smart - 3G, 4G & VoLTE

Included test areas in the test scope:

17	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 Speechcodex & Ciphering Speechcodex EVS LTE Voice over LTE	Smart	<input type="checkbox"/>
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### Smart - 2G, 4G & VoLTE

Included test areas in the test scope:

18	GSM and Basic Operations SMS GPRS-EDGE Steering of Roaming based on SIM OTA Steering of Roaming based on SS7 USIM-ME LTE Data LTE-Advanced LTE Voice via CSFB Speechcodex & Ciphering, Speechcodex EVS LTE Voice over LTE	Smart	<input type="checkbox"/>
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### NB-IoT

Included test areas in the test scope:

19	NB-IoT Attach/Detach Procedure NB-IoT Data Transfer NB-IoT Mobility NB-IoT Capabilities NB-IoT PSM	Full	<input type="checkbox"/>
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## 2G & NB-IoT

Included test areas in the test scope:

GSM and Basic Operations

SMS

GPRS-EDGE

20 Steering of Roaming based on SIM OTA

Steering of Roaming based on SS7

Speechcodecs & Ciphering

NB-IoT Attach/Detach Procedure

NB-IoT Data Transfer

NB-IoT Mobility

NB-IoT Capabilities

NB-IoT PSM

Full

## VoLTE – add on

21 Included test areas in the test scope:

LTE Voice over LTE

Add on

## eCall – add on

22 Included test areas in the test scope:

IoT eCall

Add on

23 From Cat 9 to xx – add on

Add on

## Chipset - only

24 Included test areas in the test scope:

LTE Data form Cat 9

dev. Support

Full

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