

# Network Tester 2 LTE

TECHNICAL DATA SHEET

**ENQT**  
EXPERTS IN NETWORK  
QUALITY TESTING



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## Description:

The **Network Tester 2 LTE** from ENQT GmbH is a professional measuring device for analyzing and evaluating 2G, 3G, and 4G mobile networks. It precisely records key network parameters, including signal strength, network availability, and connection quality. The Network Tester 2 LTE delivers reliable and repeatable measurement results—even in demanding environments—thanks to robust hardware and custom software. The user-friendly interface makes it much easier to carry out measurements and analyses. The device provides a solid basis for technical decisions and the targeted optimization of installations.

## Technical details:

<b>Technology</b>	2G/GSM, 3G/UMTS, 4G/LTE
<b>Frequency Bands Cellular Networks</b>	2G: 850 / 900 / 1800 / 1900 MHz 3G: B1 / 2 / 4 / 5 / 6 / 8 / 19 LTE-FDD: B1 / 2 / 3 / 4 / 5 / 7 / 8 / 12 / 13 / 18 / 19 / 20 / 25 / 26 / 28 LTE-TDD: B38 / 39 / 40 / 41
<b>SIM card</b>	<ul style="list-style-type: none"><li>- Built-in SIM card supporting selected public 2G-, 3G- and 4G networks (in Germany: Telekom, Vodafone, and Telefónica as well as different European networks)</li><li>- Additional 2 externally accessible SIM card slots supporting Nano (4FF) format SIM cards</li></ul>
<b>Features Cellular Networks</b>	<ul style="list-style-type: none"><li>- Active test of usable cellular networks</li><li>- Continuous live measurement of a selected cellular network</li><li>- Display of signal level/signal quality (RSRP/RSSI/RSRQ in dBm/dB)</li><li>- Measurement of latency/RTT<sup>1</sup> (ms)</li><li>- Measurement throughput<sup>1</sup> (bit/s)</li><li>- Display of technical network parameters (e.g. cell ID)</li><li>- Configurable restriction of network technologies and frequency bands</li><li>- Display of usable mobile networks separately for each frequency band</li><li>- Creation of configuration profiles</li></ul>
<b>Measurement data export<sup>1</sup></b>	<ul style="list-style-type: none"><li>- Local CSV export via built-in WiFi hotspot</li><li>- Automatic upload to TMate portal</li></ul>
<b>Antenna connectors</b>	2× SMA
<b>Display</b>	3.5" TFT color display (45 mm × 75 mm, 480 × 800 pixel)
<b>Internal Battery</b>	Li-Ion, 3,500 mAh, up to 8 hours battery life
<b>Charging port</b>	USB C, 5V (DCP) USB-PD supported (up to 20V, up to 2A)
<b>Conformity</b>	CE, ROHS, WEEE
<b>Dimensions</b>	170 x 96 x 35 mm
<b>Weight</b>	400 g

<b>Country of origin</b>	Germany
<b>HS Code</b>	90304000
<b>Part number</b>	680 (without service agreement) 689 (with service agreement „plus“) 690 (with service agreement „max“)

Notes:

- > <sup>1</sup> The available features may vary depending on selected service contract.
- > The values stated under 'Dimensions' refer to the main device without antennas.
- > The product image shows the Network Tester 2 LTE in the "max" version with two device antennas.

**Scope of delivery:**

- > Netztester 2 LTE
- > 1 connector mount antenna (2 antennas for devices with "max" service agreement)
- > Protective carrying case
- > Power supply unit
- > USB-C cable
- > SMA-FAKRA adapter
- > Stylus (Touch pen)
- > SIM tool