

TÜV Rheinland: tests according to the specifications of the new version 2.2.2 of ETSI EN 300 328



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TÜV Rheinland now carries out wireless tests according to the specifications of the new version 2.2.2 of ETSI EN 300 328. The previous version V2.1.1 was already replaced by the new V2.2.2 in 2020. Version V2.2.2 must be used for conformity presumption from August 6, 2021.

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ETSI EN 300 328 is one of the most widely used standards for testing products with radio technology and regulates the requirements for broadband transmission systems operating in the licence-free 2.4 GHz band. The 2.4 GHz band is used for wireless technologies such as Zigbee, Bluetooth and WiFi/WLAN (2.4 GHz), among others.

“The new regulation has far-reaching consequences for product manufacturers who market or distribute their products in the EU single market. Products that are governed by ETSI EN 300 328 will have to comply with V2.2.2. when they are re-approved. Long-life products that have not been updated before the deadline of 6 August must also meet the requirements of V2.2.2 at the end of the transition period in order to continue to be marketed in the EU internal market. For products that have partially fulfilled the requirement according to V2.2.2, the involvement of a Notified Body for the conformity assessment procedure according to Directive RED 2014/53/EU is mandatory.” explains Sajid Mohammed, expert for Wireless & IoT at TÜV Rheinland. “With our expertise and in our function as a Notified Body for radio and electromagnetic compatibility (EMC), we are a competent partner for manufacturers worldwide,” the TÜV Rheinland expert continues.

One-stop-shop service provider for wireless communication technologies

As a leading global testing service provider, TÜV Rheinland offers its customers in the wireless sector end-to-end solutions that provide all regulatory testing and certification of their products from a single source, thus enabling manufacturers to enter the market seamlessly on a global scale.

Full spectrum of wireless technologies for various industries

As a partner for testing and certification worldwide, TÜV Rheinland's expertise covers all relevant wireless technologies such as Wi-Fi, Bluetooth, WI-SUN, Zigbee, Thread, Sigfox, LoRa, NB-IoT or 2G/3G/4G as well as 5G. TÜV Rheinland has 15 state-of-the-art wireless/IoT labs worldwide: in Silicon Valley, Sweden, India, China, Japan, Taiwan, South Korea as well as in Germany and is thus present in the relevant key markets.

The company is also a member of numerous committees dedicated to various wireless technologies, using its expertise to provide support with the standardization process, joint development of technologies, and contributing to the testing and certification of products before they are launched on the market. These include the 5G Automotive Association, LoRaWAN Alliance, Zigbee Alliance, Global Certification Forum (GCF/ PTCRB), CTIA, Wi-Fi Alliance, SIGFOX Alliance, Wi-SUN Alliance, Bluetooth SIG Alliance, Thread Group, openADR, Echonet Lite and many more. In this way, the testing service provider is always close to manufacturers and users worldwide with its competence in the field of wireless standards.

Further information at www.tuv.com/wireless

TÜV Rheinland stands for safety and quality in virtually all areas of business and life. Founded almost 150 years ago, the company is one of the world's leading testing service providers with more than 20,000 employees and annual revenues of 2 billion euros. TÜV Rheinland's highly qualified experts test technical systems and products around the world, support innovations in technology and business, train people in numerous professions and certify management systems according to international standards. In doing so, the independent experts generate trust in products as well as processes across global value-adding chains and the flow of commodities. Since 2006, TÜV Rheinland has been a member of the United Nations Global Compact to promote sustainability and combat corruption.
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