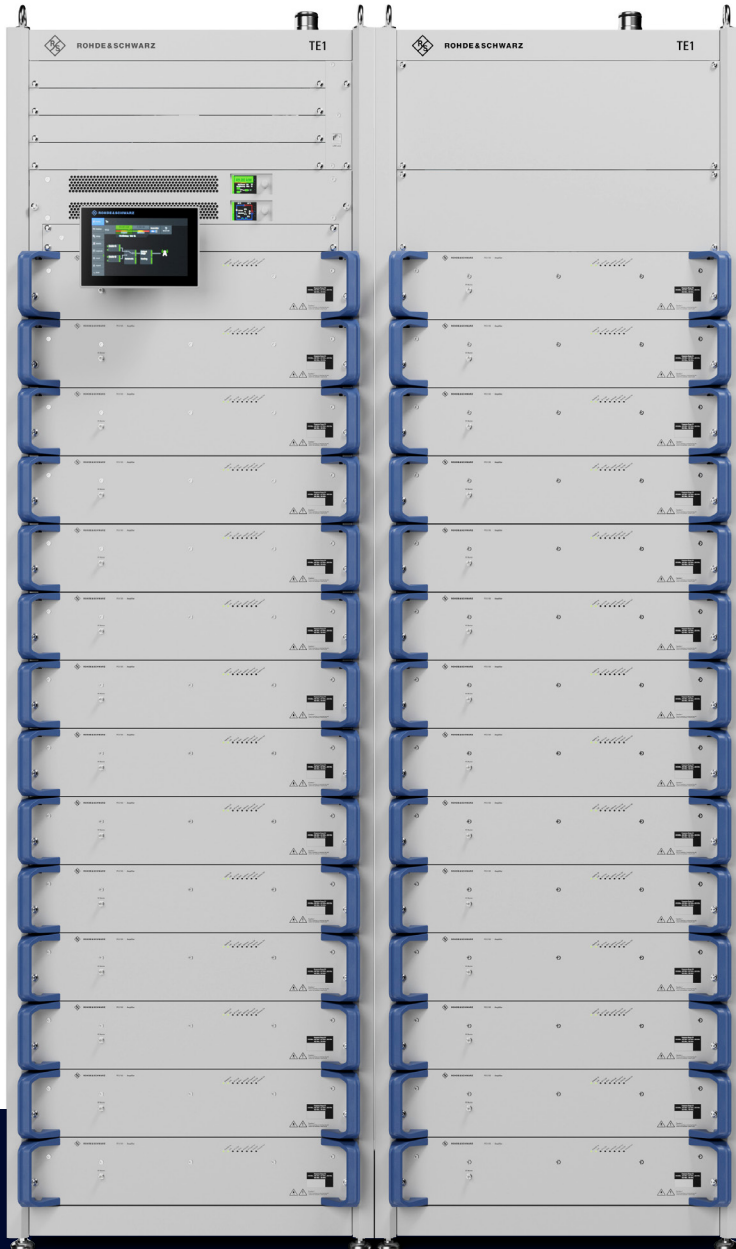


R&S®TE1

PIONEERING A NEW ERA OF BROADCAST DISTRIBUTION



Flyer
Version 02.01

ROHDE & SCHWARZ

Make ideas real



An aerial night photograph of a city. In the foreground, a complex multi-level highway interchange with several overpasses is visible, with light trails from cars. To the right of the highway is a green park area with trees and a winding path. In the background, a city skyline is visible across a body of water, with a Ferris wheel on the far right. The sky is dark blue with some clouds.

The new R&S®TE1 is the first liquid-cooled transmitter design post Repack. As an ATSC 3.0-native, it is made for sustainable broadcasting in the connected world and turns critical challenges into opportunities for broadcasters. Further refined, it is a true peace-of-mind solution that reduces operational cost, minimizes the carbon footprint of transmission, and creates new business opportunities.

EFFICIENCY & SUSTAINABILITY

NEW BUSINESS OPPORTUNITIES

EASE OF USE AND OPERATION





R&S®TE1 reduces energy cost and carbon footprint significantly. The allocation for higher efficiency is made possible due to the unique Rohde & Schwarz amplifier and RF combiner design.



R&S®TE1 is the first ATSC 3.0-native transmitter and ready for 5G Broadcast. It unlocks new broadcast applications for the automotive industry and the Internet of Things, maximizing financial potential for operators through new business opportunities.



R&S®TE1 transmitter simplifies maintenance and operation significantly, making it a true peace-of-mind solution. It combines high reliability with easy troubleshooting and remote support capabilities directly from the manufacturer.

SPECIFICATIONS IN BRIEF

Cutting carbon emissions and energy costs

- ▶ 15% lower energy consumption compared to most efficient current transmitter designs
- ▶ 40% lower carbon footprint against the average of the installed base
- ▶ Energy efficiency of up to 50%
- ▶ Sophisticated liquid-cooling design disperses 90% of generated heat to the outside, enabling even higher footprint reductions

Prepared for new business opportunities

- ▶ New software-defined exciter platform, highly flexible and scalable
- ▶ First ATSC 3.0-native transmitter
- ▶ Ready for future extensions of the ATSC 3.0 standard
- ▶ Prepared for 5G Broadcast

Simplified maintenance and robust design

- ▶ Proven amplifier design – fully sealed, fan-less units
- ▶ Distributed system control
- ▶ Convenient maintenance via smartphones and tablets
- ▶ Continuous self-monitoring of key performance indicators

Added value lifetime services

- ▶ Safety in operation with Rohde & Schwarz Service Packages
- ▶ Software maintenance and ensured availability of spare parts
- ▶ Remote support capabilities
- ▶ Priority access to Rohde & Schwarz experts

Find out more:



Service at Rohde & Schwarz You're in great hands

- ▶ Worldwide
- ▶ Local and personalized
- ▶ Customized and flexible
- ▶ Uncompromising quality
- ▶ Long-term dependability

Rohde & Schwarz

The Rohde & Schwarz technology group is among the trail-blazers when it comes to paving the way for a safer and connected world with its leading solutions in test & measurement, technology systems and networks & cybersecurity. Founded 90 years ago, the group is a reliable partner for industry and government customers around the globe. The independent company is headquartered in Munich, Germany and has an extensive sales and service network with locations in more than 70 countries.

Sustainable product design

- ▶ Environmental compatibility and eco-footprint
- ▶ Energy efficiency and low emissions
- ▶ Longevity and optimized total cost of ownership

Certified Quality Management

ISO 9001

Certified Environmental Management

ISO 14001

Rohde & Schwarz training

www.training.rohde-schwarz.com

Rohde & Schwarz customer support

www.rohde-schwarz.com/support

