The R&S®TH1 transmitter reduces energy consumption – and carbon footprint – significantly. Reducing emissions helps broadcasters meet emerging environmental regulations.

Ready for 5G Broadcast, the R&S®TH1 unlocks new broadcast applications for the automotive industry and the Internet of Things, shaping a prosperous future for operators through new opportunities.

The R&S®TH1 reduces operational complexity and enables a high level of automation. In conjunction with its unparalleled energy efficiency, it slashes operating costs on all levels.

The R&S®TH1 is designed for a long operational lifetime and self-reliance.It does not take your valuable attention and simply operates silently.

24/7 R&S understands and fully supports the operational targets of operators, lifetime services by R&S ensure the highest availability of R&S transmitters for their complete operational lifetime.

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	Certified Environmental Management
ISO 9001	ISO 14001

Rohde & Schwarz Training
www.training.rohde-schwarz.com

Rohde & Schwarz Customer Support
www.rohde-schwarz.com/support

R&S®TH1
SHAPING A SUSTAINABLE AND CONNECTED FUTURE
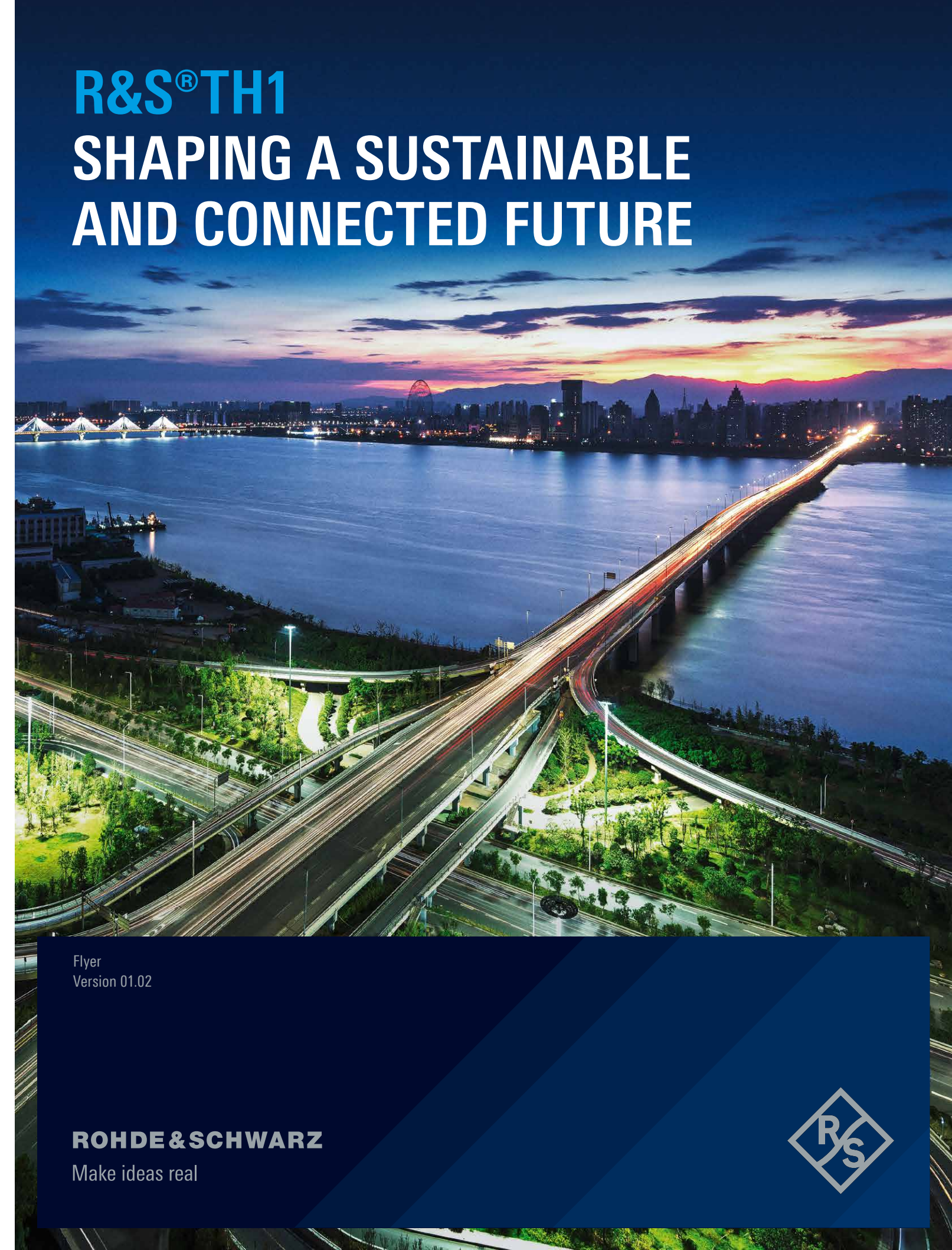
Flyer
Version 01.02

ROHDE & SCHWARZ
Make ideas real

The R&S®TH1 is a radical new approach to liquid-cooled transmitters. Designed for sustainable broadcasting in the connected world, it turns critical challenges into opportunities for broadcast network operators, reduces carbon footprint and operational costs, and supports new media consumption habits.

SUSTAINABILITY

FUTURITY

EFFICIENCY

RESILIENCE

AVAILABILITY

SPECIFICATIONS IN BRIEF

Cutting carbon emissions
► 15 % lower energy consumption compared to most efficient current transmitter designs
► 50 % lower carbon footprint than average of installed base
► 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
► Ready for DTV standards' extensions
► 5G Broadcast: the solution of choice for commercial deployment

Operational efficiency to the max
► Energy efficiency of up to 47 %
► Further 15 % reduction of energy costs
► Continuous self-monitoring of key performance indicators
► Convenient maintenance via smartphones and tablets

Robust and self-reliant design
► Proven amplifier design – fully sealed, fan-less units
► Distributed system control
► Self-adjustment according to operational rules

Added value lifetime services
► Safety in operation with R&S Service Packages
► Software maintenance and ensured availability of spare parts
► Priority access to R&S experts

Find out more: