

SUB-TERAHERTZ, ABOVE EXPECTATIONS

Groundbreaking test and measurement
solutions for exploring sub-THz frequencies
and exceeding expectations

R&S®FSW
R&S®SMW
R&S®SFI
R&S®FE170SR
R&S®FE170ST



ROHDE & SCHWARZ

Make ideas real



WELCOME TO THE SUB-THz REVOLUTION!

Sub-THz communications are vital for realising the next wave of technological advancement - from the anticipated development of 6G to next-generation radar, backhaul networks and sensing technologies. **Our gamechanger!** The cornerstone of our sub-THz solutions, the R&S®SF1100A wideband IF vector signal generator has a very wide RF modulation bandwidth and integrates with a range of frontends, power sensors and frequency converters for unparalleled flexibility and quality in sub-THz frequencies. **Our front ends:** Integrating with the SF11100A, our frontends enable conversion to new RF frequencies, without compromising on modulation bandwidth or signal quality. The R&S®FE170ST/SR frontends extend the frequency range to 110-175 GHz in the D-band.

➤ **Find out more:** www.rohde-schwarz/sub-terahertz



R&S®SF1100A vector signal generator
with R&S®FE170ST external TX frontend.