

Voltage controlled oscillator (VCO) verification

This Webinar is intended for engineers involved with Voltage Controlled Oscillators (VCO) both designing and integrating into systems. The webinar covers research & development, and product verification testing as used in characterization and production.

We will be discussing VCO structures and requirements for verifying a complete design. Learn about VCO implementations and key performance indicators such as phase noise, which has a major influence on the overall system once the VCO gets integrated into an RF or digital circuit. As we discuss testing a VCO, you will hear different approaches and why you benefit from a fully integrated VCO test approach.

With new applications, VCOs have to support higher frequencies. But as phase noise level increases with frequency, testing becomes even more demanding in millimeter and THz ranges. Therefore, we will discuss the challenges of phase noise testing in the D-band, a hot candidate for the next wireless communication standard.

Practical examples will illustrate VCO verification and phase noise testing up to the THz region.

Markus Loerner, Market Segment Manager, Rohde & Schwarz

Alexander Nahrung, Product Manager for Spectrum-, Signal- and Phase Noise Analysis, Rohde & Schwarz

Beginn:

Mittwoch, 7. Juni 2023, 14:00 Uhr

Ende:

Mittwoch, 7. Juni 2023, 15:00 Uhr

Veranstaltungsort:

Online

Website & Anmeldung:

https://event.on24.com/wcc/r/4211510/4992ECE218C60163A6835E2A0E53E075/4713470?partnerref=mid_15930_hq_press