

# EMI testing - from stepped scan to wideband FFT

Emission testing according to MIL-STD-461 makes stringent requirements on EMI test receivers involving the detection of intermittent interference. Meeting these requirements has greatly benefited from the wideband time domain scan, as it enables extended measurement times that increase the probability of intercept for sporadic interference, while also increasing the overall testing speed. The R&S ESW EMI test receiver supports an unmatched 970 MHz FFT measurement bandwidth processed in real-time, that enables extensive analysis and debugging, and can output wide and detailed spectrogram plots without missing any intermittent pulses.

The webinar presents the advantages of modern wideband FFT-based time domain scan EMI receivers for MIL-STD-461 testing, over classical stepped scan receivers or spectrum analyzers.

In this webinar, you will learn how to/ more about:

- EMI wideband FFT test applications in compliance with Mil-461G standard
- Detecting intermittent interference with a high probability of intercept
- State of the art and best choice EMI receivers for fast and reliable certification measurements
- The differences between a spectrum analyzer, stepped scan receiver, and wideband FFT receiver

Speakers:

Tobias Groß, Product Manager EMI test receivers Rohde & Schwarz

Tobias Groß has been with Rohde & Schwarz since 2018 as a product manager for EMI Test Receivers with a particular focus on compliance testing. He regularly shares his EMI testing knowledge at seminars and workshops, connecting the worlds of EMI receiver development, and customer needs. He studied electrical engineering in Berlin (Germany) and Waterloo (Canada) and was acquired T&M experience concentrating on EMI both in industry and research institutes.

Deon Pfafferoth, Market Segment Manager ADT Rohde & Schwarz

Deon Pfafferoth joined Rohde & Schwarz in April 2011 to lead global business development for Test & Measurement in Aerospace & Defence, and has more than 20 years of international business development experience in the fields of Electronic and Industrial Engineering . He is the Market Segment Manager for Test & Measurement applications in Aerospace & Defence.

**Beginn:**

Dienstag, 6. Juni 2023, 17:00 Uhr

**Ende:**

Dienstag, 6. Juni 2023, 17:45 Uhr

**Veranstaltungsort:**

Online

**Website & Anmeldung:**

<https://event.on24.com/wcc/r/4205587/357F8D6F00F4FAEFF7B5B919EDB9DE46/4703276>