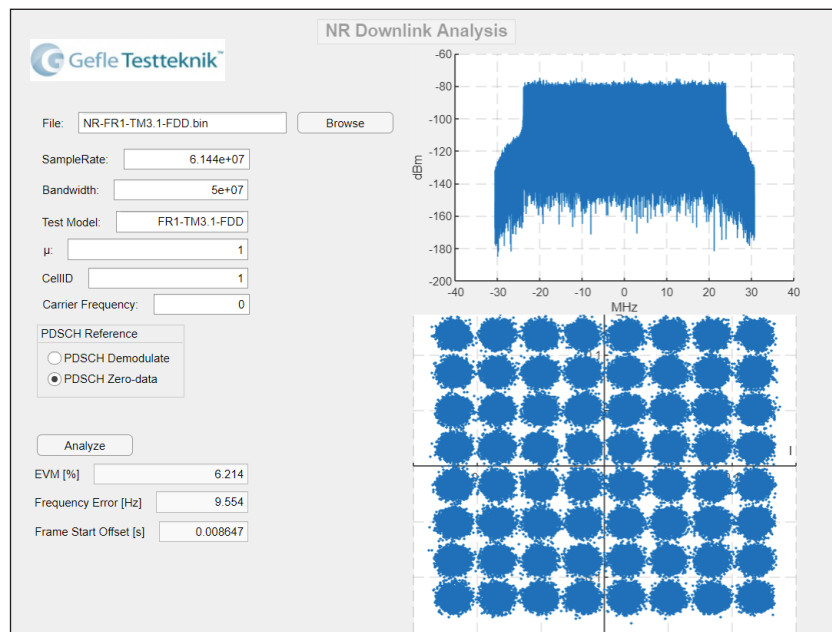


RBS TEST SUITE

FOR ALL TYPES OF RADIO BASE STATIONS



BOOST EFFICIENCY

With the ever increasing complexity of wireless standards and the development of measurement methods, documented performance on each unit takes time and effort to get in place. With our RBS Test Suite you get full performance with short measurement time which will free up production equipment and lower production costs. Utilize the platform and its built in hardware flexibility to unify tools in the whole organization.

EASY TO USE

RBS Test Suite offer a very userfriendly interface where you as test developer get to the results quick and smooth. Without having to be an expert in 3GPP you can set up automated tests.

OPTIMIZED FOR YOUR NEEDS

Get your fully automated RBS test solution running in Windows or Linux. Use it with your favorite instrument from any vendor or use it to bridge the transition to modern hardware. One software supporting many hardware platforms is made easy with the RBS Test Suite.

HIGHLIGHTS

- Get your production or verification up and running quickly
- Optimized for test time with extensive hardware acceleration
- Lower investment cost by reusing your old signal analyzers for new standards
- Targeting production test and verification of LTE (4G) and NR (5G) base stations
- WCDMA and GSM available for some platforms
- Covers all mandatory 3GPP RF performance measurements for production

USE OLD OR NEW INSTRUMENTATION

Hook up to an old 4G instrument and do LTE with Inband NB-IoT analysis or do NR FR2 analysis on a high frequency spectrum analyser. No 5G or 4G options are required. All you need is an instrument with IQ-capture functionality; a feature available in most modern instruments. In some cases, even very simple hardware can be used.

PLUG IN TO YOUR SOFTWARE

Choose a version to suit your needs. With versions for Windows and Linux and available working examples in Labview, Java, Python and C, we ensure smooth integrations to most systems.

TECHNICAL SPECIFICATIONS

Processor requirements	All versions	64 bit with AVX2 (Available in most Intel and AMD most processors since 2015)
Software requirement	All versions	64 bit operating system (Windows/Linux)
	Linux distributions	Verified on CentOS 6-8, RHEL 6-8, Debian 10
	Windows C-dlls	Verified on Windows 10
	Labview versions	LabVIEW 64 bit. Version 2017 or later
Covers all mandatory test in 3GPP for LTE and NR	38-141-1 and -2 36-141 37-141	Output Power, Transmit ON/OFF power, Frequency Error, EVM, OBW, ACLR, OBUE, CCDF. Measurements for NB-IoT are also available

The stated compatibilities are verified on every release. The toolkit may work on other distributions and versions.

USE THE POWER OF MODERN COMPUTERS

The toolkit is highly optimized to run on modern processors with many cores and other performance enhancing features. With our toolkit you gain access to continuously growing computing power that already exceeds even modern high-end instruments.

LET US HELP YOU

With an average of 20 years of experience in RBS testing our engineers stand ready to help your business. We can adopt our toolkit to custom test models, help you integrate it to your production system or even help you develop test strategies.

CONTACT US

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