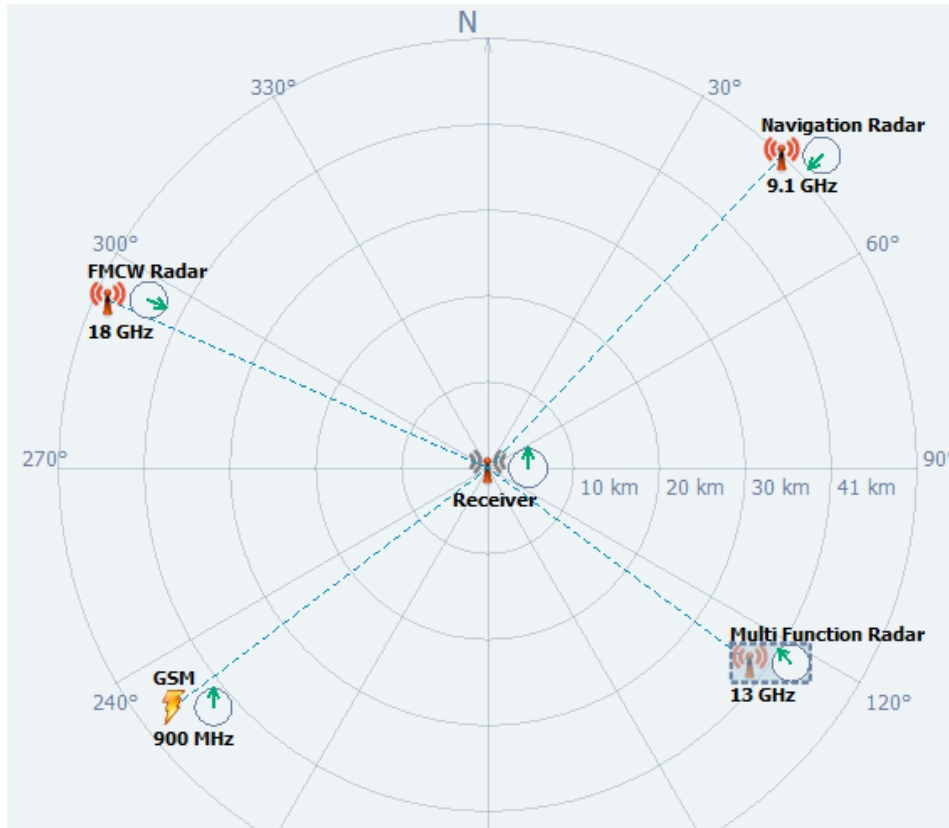


R&S® Pulse Sequencer

Powerful radar signal simulation software



Bring your testing scenarios to life

- Simplify the creation of your radar/EW test signals with the R&S® Pulse Sequencer software. From the simple to the complex, the user interface leads you through scenario creation in a logical manner
- The R&S® Pulse Sequencer seamlessly integrates with the R&S® SMW200A vector signal generator to bring your scenario to life. All with commercial off-the-shelf (COTS) equipment

The perfect choice for

RF pulse sequences

Multi-emitter environments

Modeling emitters

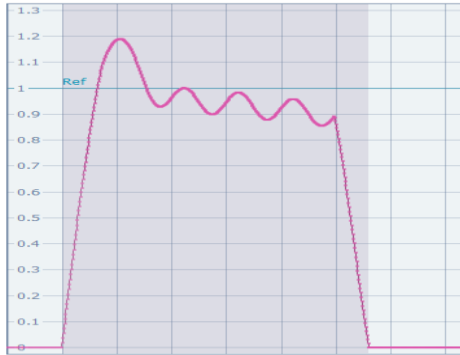
Leveraging COTS hardware

Key product information

R&S® SMW-K300	Pulse sequencing option
R&S® SMW-K301	Enhanced pulse sequencing
R&S® SMW-K501	Extended pulse sequencing
R&S® SMW-K308	Direction finding
R&S® SMW-K350	Dynamic frequency selection (DFS)

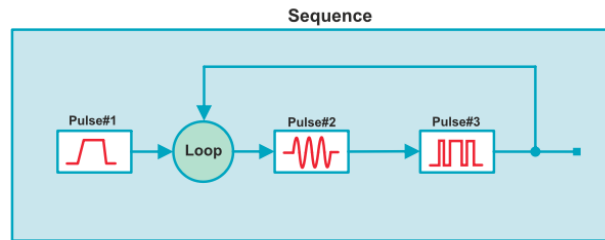
▶ For more information, visit www.rohde-schwarz.com/product/pulse-sequencer

Create the pulses you need



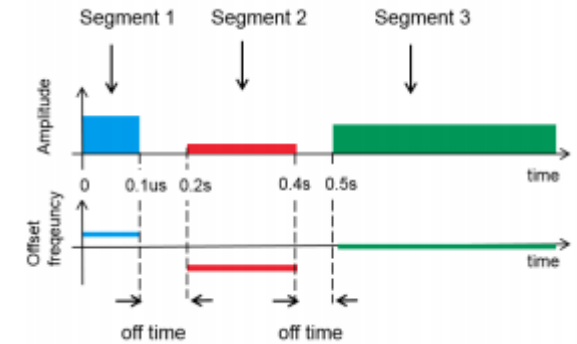
Create and define individual pulses by simply setting all the parameters – from rise/fall times to amplitude characteristics to modulation on pulse.

Advanced sequencing capabilities



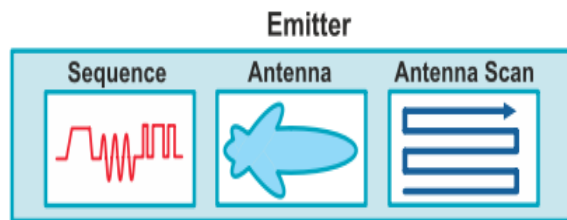
Powerful sequencer tools make it easy to create pulse sequencing that ranges from simple to complex. Combine different pulses, with different PRIs, frequencies and power levels for a truer real-life test signal.

Realtime sequencing for long scenarios



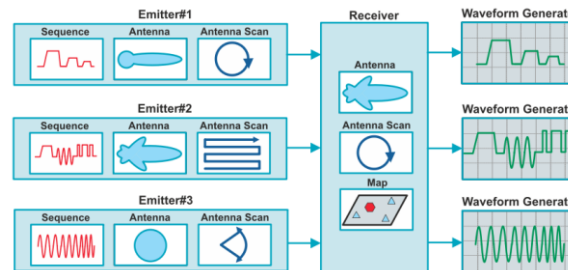
Achieve ultralong playtimes with realtime calculations that can adjust the amplitude, phase and frequency of the pulses. Realtime sequences can be created in the R&S®Pulse Sequencer software with the R&S®SMW200A UI or by importing .xml files.

Realistic emitters



Test your receiver with a signal that reflects what you are going to truly see. Define not only the waveform sequence, but also the antenna characteristics of the emitter. The antenna characteristics of the receiver can also be added to the model.

Build a complete scenario



Build a complete scenario to simulate what an operational receiver would see. Multiple emitters with independent sequences and antenna profiles can easily be created and put together for a lifelike scenario. The software also allows location, frequency and power levels to be independently set.

Bring Reality to the Lab



The R&S®SMW200A platform is a COTS platform that brings your simulations to life. With up to 2 GHz of bandwidth and frequencies up to 40 GHz, the R&S®SMW200A can be configured as a multichannel, phase-coherent system that can be seamlessly controlled using the R&S®Pulse Sequencer software.

Rohde & Schwarz GmbH & Co. KG

Europe, Africa, Middle East | +49 89 4129 12345

North America | 1 888 TEST RSA (1 888 837 87 72)

Latin America | +1 410 910 79 88

Asia Pacific | +65 65 13 04 88

China | +86 800 810 82 28 | +86 400 650 58 96

www.rohde-schwarz.com

customersupport@rohde-schwarz.com

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Pulse Sequencer

Data without tolerance limits is not binding | Subject to change

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