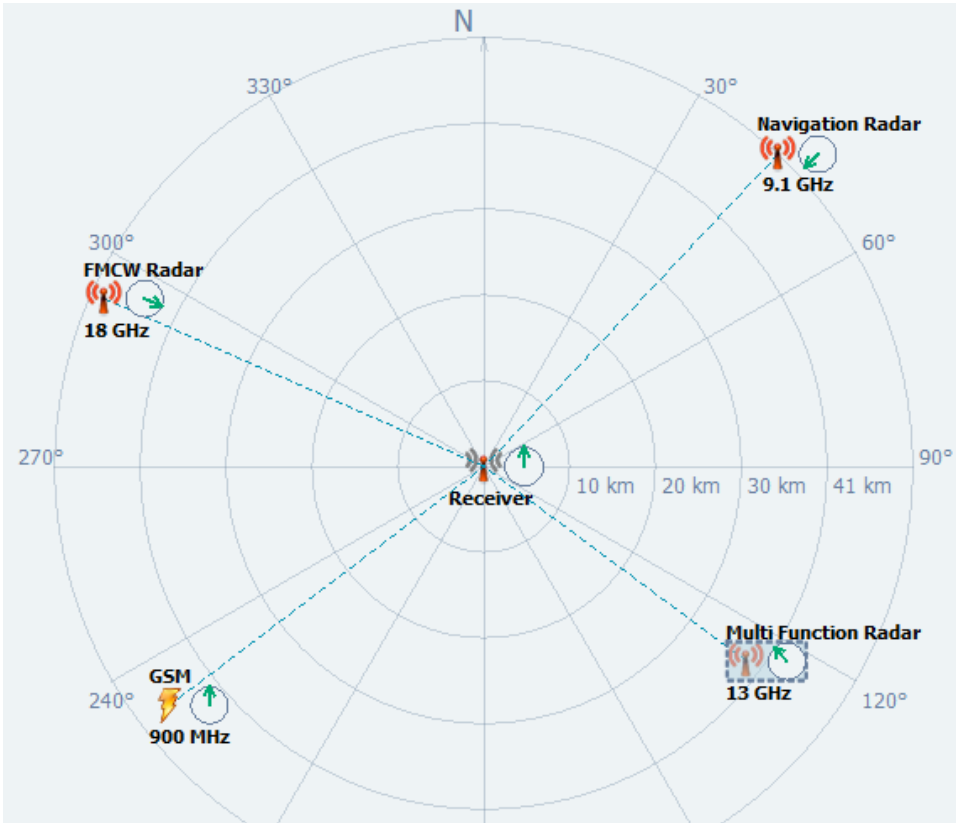
R&S®Pulse Sequencer

Powerful radar signal simulation softv



Bring your

- Simplify th Sequencer leads you t
- The R&S®P vector sign off-the-she

The perfect

RF pulse

Modelin

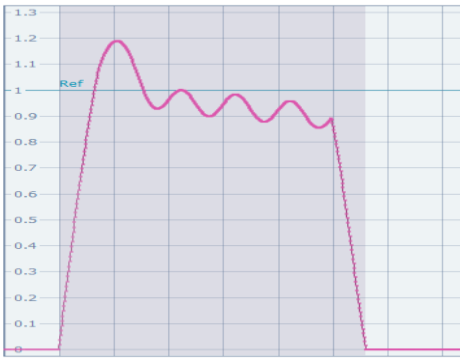
Key produc

R&S®SMW-K
R&S®SMW-K
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R&S®SMW-K

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

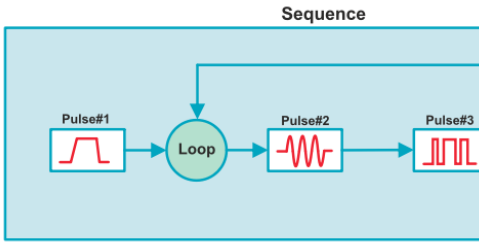
ROHDE&SCHWARZ

Create the pulses you need



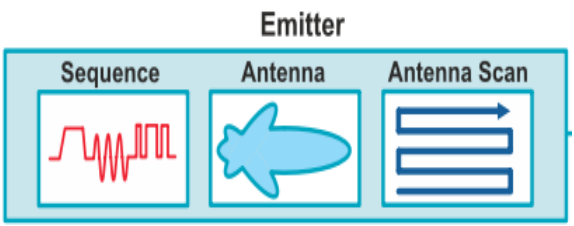
Create and define individual pulses by simply setting all the parameters – from rise/fall times to amplitude characteristics to modulation on pulse.

Advanced sequencing capabilities



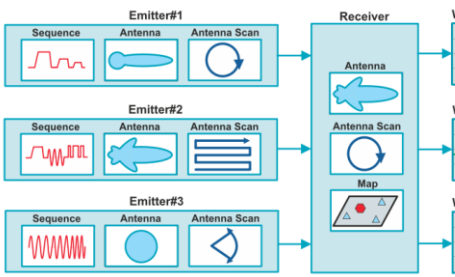
Powerful sequencer tools make it easy to create sequencing that ranges from simple to complex. different pulses, with different PRIs, frequencies levels for a truer real-life test signal.

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

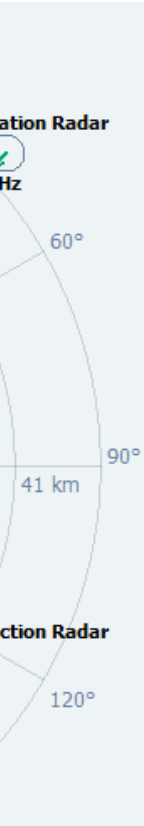


Build a complete scenario to simulate what an o receiver would see. Multiple emitters with indep sequences and antenna profiles can easily be cr put together for a lifelike scenario. The software location, frequency and power levels to be indep set.

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Pulse Sequencer
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ulation 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 seamless integrates with the R&S®SMW200A vector signal generator to bring your scenario to life. All with commercial off-the-shelf (COTS) equipment

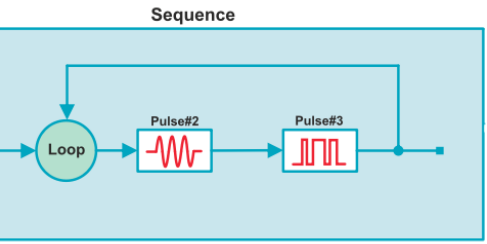
The perfect choice for

RF pulse sequences	Multi-emitter environments
Modeling emitters	Leveraging COTS hardware

Key product information

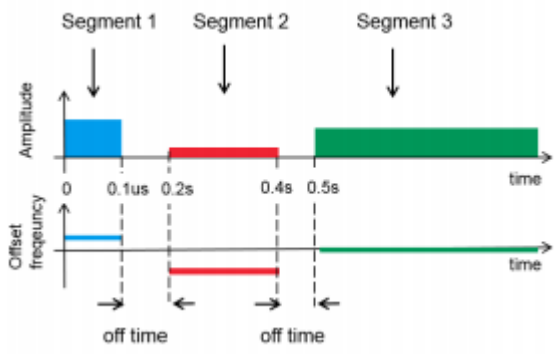
R&S®SMW-K300	Pulse sequencing option
R&S®SMW-K301	Enhanced pulse sequencing
R&S®SMW-K501	Extended pulse sequencing
R&S®SMW-K308	Direction finding
R&S®SMW-K350	Dynamic frequency selection (DFS)

equencing capabilities



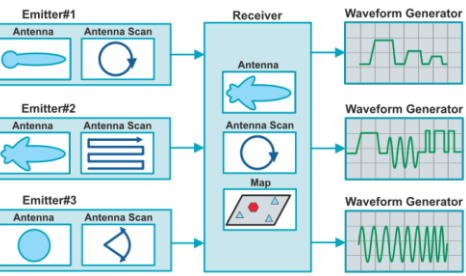
quencer tools make it easy to create pulse
that ranges from simple to complex. Combine
ses, with different PRIs, frequencies and power
ruer real-life test signal.

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.

plete scenario



plete scenario to simulate what an operational
uld see. Multiple emitters with independent
and antenna profiles can easily be created and
r for a lifelike scenario. The software also allows
quency and power levels to be independently

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.

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