## R&S®RTM-K15 history and segmented memory

# 100 times longer analysis period





| The perfect choice                    |                           |  |
|---------------------------------------|---------------------------|--|
| General debugging of embedded designs | Protocol traffic analysis |  |
| Pulsed signals                        | Power integrity analysis  |  |

| Key specifications of the R&S®RTM-K15 |                         |   |  |  |
|---------------------------------------|-------------------------|---|--|--|
| Memory<br>segmentation                | no. of segments         | record length: 10 ksample 20 ksample 50 ksample 100 ksample 200 ksample 500 ksample 5 Msample 1 Msample 2 Msample 5 Msample 10 Msample 20 Msample | segments:<br>45 000<br>22 500<br>9183<br>4591<br>2301<br>921<br>460<br>230<br>92<br>46<br>23 |  |
|                                       | active on               | all analog and logic channels,<br>protocol decoding and<br>spectrum view  |  |  |
| Ultra segmented mode                  |                         | blind time $\leq 5 \mu s$ (up to 200 000 waveforms/s)   |  |  |
| History mode                          | timestamp<br>resolution | 3.2 ns  |  |  |

### Capture the longest time periods

- I Class leading 460 Msample segmented memory
- Class leading 45 000 segments

### Capture all relevant signal details

- I Minimal blind time of 5 µs for fast acquisition
- Maintain highest time resolution within the segment with up to 5 Gsample/s

#### Analyze each segment with all tools

- QuickMeas
- Mask test
- Serial protocol decode
- MSO functionality
- FFT and spectrum analysis

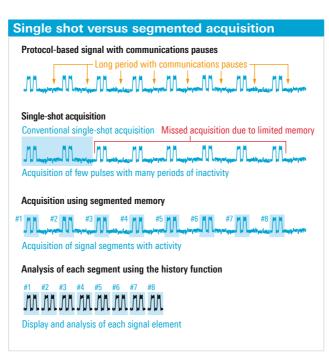
### Uncover recurring patterns in history

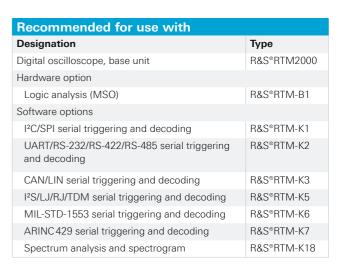
- I High resolution 3.2 ns timestamps for each segment
- Download all data for offline analysis

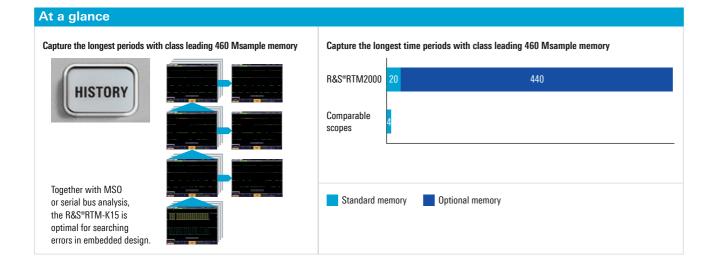
▶ For more information, see www.rohde-schwarz.com/product/rtmk15



Capture and analyze pulsed and burst signals over a long period. 460 Msample deep segmented memory is unique in this class.







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