

# **8100 5G Mobile Device Test System**

SR9860 5G gNodeB Emulator

Version 2.10.05

*System Release Summary*

## **8100 5G Mobile Device Test System**

### **SR9860 5G gNodeB Emulator Version 2.10.05 – System Release Summary**

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## Overview

This document provides the system requirements and known issues for the Spirent SR9860 5G gNodeB Emulator version 2.10.05, which can be part of the following Spirent 8100 Mobile Device Test Systems:

- LTS Q750
- Radio Access

This release of the SR9860 supports 5G NSA Option 3x. The following combinations of TDD and FDD nodes are supported:

- LTE-FDD and FR1 NR FDD
- LTE-FDD and FR1 NR TDD
- LTE-TDD and FR1 NR FDD
- LTE-TDD and FR1 NR TDD

## New Features and Enhancements

This release introduces the following new features and enhancements.

- Support for 5G NSA FDD
- Support for LTE-TDD and NR TDD configuration
- Support for 60MHz and 80MHz bandwidths on the NR channel for TDD
- Support for single input single output (SISO) for TDD
- Support for 2x2 multiple input multiple output (MIMO) for TDD

## System Requirements

This release of the SR9860 requires SR9860\_SDI\_Package\_vA0, which you can download from the Spirent Customer Service Center website (<http://support.spirent.com>).

### NOTE:

The SR9860 requires a Spirent WTS122-CA running software version 2.10.05.

## Installation Instructions

To install the SR9860, follow the instructions provided in *Spirent 8100 5G Mobile Device Test System SR9860 5G gNodeB Emulator Version 2.10.05 System Deployment Instructions, 71-009005, Version A0*.

This document is available on the Spirent Customer Service Center website: <http://support.spirent.com>.

## Documentation

The following table lists the documentation related to the SR9860. You can access these documents from the Spirent Customer Service Center website: <http://support.spirent.com>.

Document	Part Number
<i>Spirent 8100 5G Mobile Device Test System SR9860 5G gNodeB Version 2.10.05 System Release Summary</i>	77-009004, Version A0
<i>Spirent 8100 5G Mobile Device Test System SR9860 5G gNodeB Version 2.10.05 System Deployment Instructions</i>	71-009005, Version A0

To access the latest versions of these documents, perform the following steps:

1. Log into the Spirent Customer Service Center website (<http://support.spirent.com>) using the email address and password assigned to you by Spirent.
2. In the Search Knowledge Base box, enter **DOC11702** and click on **Search KB**.  
The results list appears.
3. Click on **Spirent SR9860 5G gNodeB Emulator Documentation**.  
The Spirent SR9860 5G gNodeB Emulator Documentation page appears.
4. In the Documentation section, click on the link for the document in which you are interested.  
The page for the selected document appears.
5. Click on the link in the Attachment area to view the corresponding PDF.

## How to Contact Us

To obtain technical support for any Spirent Communications product, please contact our Support Services department using any of the following methods:

### **Americas**

E-mail: [support@spirent.com](mailto:support@spirent.com)

Web: <http://support.spirent.com>

Toll Free: +1 800-SPIRENT (+1 800-774-7368) (North America)

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The Spirent Knowledge Base (<http://support.spirent.com>) is designed to serve your technical information needs. The Knowledge Base gives you access to tens of thousands of documents that help answer your network analysis and measurement questions. New content is added daily by Spirent's communications and networking experts. Sign in with your user ID and password to gain access to additional content that is available only to customers – user manuals, Help files, release notes, Tech Bulletins, and more. When you sign in, you can also use the Knowledge Base to download software and firmware, and to manage your SRs.

Information about Spirent Communications and its products and services can be found on the main company website at <http://www.spirent.com>.

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## Known Issues

This section describes the software-related known issues in this release.

<b>Product</b>	SR9860
<b>Description</b>	On rare occasions, PRACH fails when call processing starts/stops.
<b>Impact</b>	The test case fails.
<b>Workaround</b>	Re-run the test case.
<b>Disposition</b>	Spirent is targeting to fix this issue in a future release.