

# Signal Analysis Utilities in the SSA5000A Series Spectrum Analyzer

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**Demonstration of the SIGIQPro Bluetooth signal generation and SSA5000A Bluetooth analysis function**

## 1 Introduction

As a wireless communication technology, Bluetooth technology is widely used in various devices and application scenarios. The article aims at RF verification of Bluetooth transmitter. Through fast one-click RF measurement, SSA5000A spectrum analyzer is transformed into a standardbased Bluetooth RF transmission tester to help you design, evaluate and manufacture Bluetooth devices. The measurement application conforms to the standard of Bluetooth core specification, and can safely verify your Bluetooth design, covering Bluetooth BR, EDR and LE. The article will demonstrate how to use the Bluetooth analysis function of SSA5000A to carry out Bluetooth analysis and measurement quickly and effectively.

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