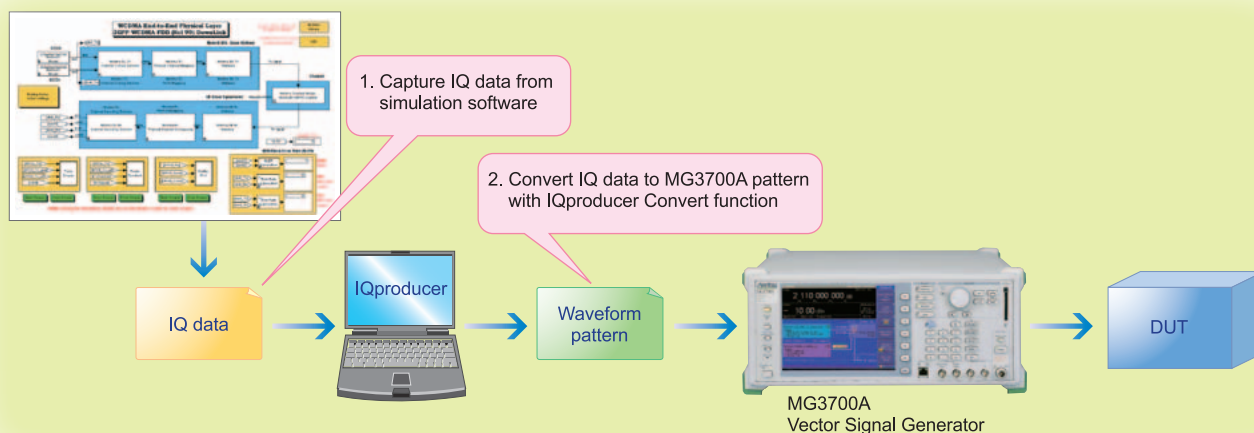


Ideal Simulator Measuring Instrument

MG3700A Vector Signal Generator
MS2690A/91A/92A Signal Analyzer

For Evaluating Rx Characteristics

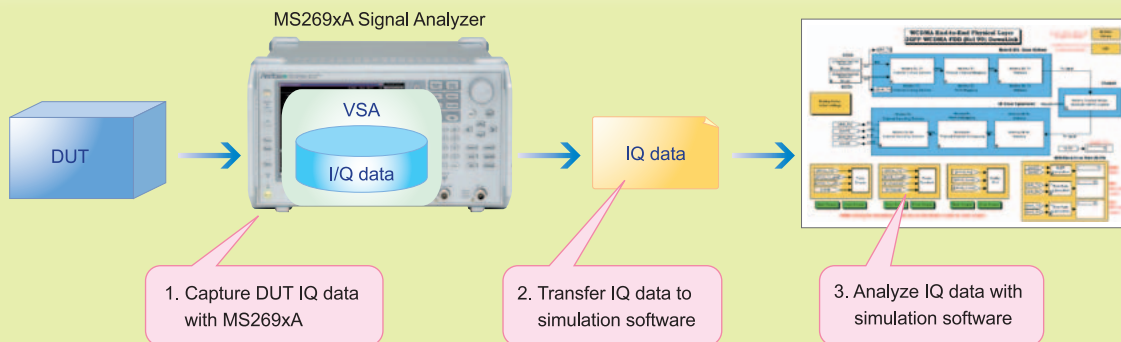
- Evaluate device by capturing IQ data from simulation software to simulate identical signal
- Free IQproducer Convert function



For details: <http://www.anritsu.co.jp/j/products/tm/list.aspx?sID=18>
Application Note [MG3700A MATLAB Application Note]
Introduction material [MG3700A Vector Signal Generator (arbitrary waveform generation function)]

For Evaluating Tx Characteristics

- Capture 6-GHz RF signals in 125-MHz band (31.25-MHz band standard) with binary type IQ data
- Capture IQ data with digitize function and analyze with current simulation software



For details: <http://www.anritsu.co.jp/j/products/tm/list.aspx?sID=294>
Application Note [MS269xA Digitize Function Introduction]

Advantages of MG3700A Vector Signal Generator

Cuts setup costs, management burdens	Normally, the conventional measurement setup combines a general-purpose waveform generator with an up-converting signal generator, but this all-in-one solution halves these costs and cuts equipment management worries.
Cuts setup costs	The Fading IQproducer option generates waveform patterns under fading conditions. Despite restrictions on replay times, evaluation and comparison with previous data are easy even without a fading simulator.
Cuts workload	Adjusting delay in the waveform generator IQ output is difficult, but this problem is solved simply by selecting the waveform pattern.
Cuts future investments	The built-in, wideband baseband generator (120-MHz RF bandwidth) supports R&D into next-generation communications.

Advantages of MS269xA Signal Analyzer

Cuts workload (1)	The resampling function reduces the workload at the simulation software side because it is easier to use captured data with simulation software.
Cuts workload (2)	Usually, there are errors in captured data. However, the MS269xA stores error calibration data to eliminate troublesome calibration at the simulation software side.
Cuts future costs	Installing the 125-MHz FFT analysis bandwidth option (31.25-MHz band standard) supports R&D into next-generation communications.

Ordering Information

Please specify the model/order number, name and quantity when ordering.

The names listed in the chart below are Order Names. The actual name of the item may differ from the Order Name.

Category	Model	Name	
Main frame	MG3700A	Vector Signal Generator (250 kHz to 3 GHz)	Mandatory
Hardware options	MG3700A-011 MG3700A-021	Upper Frequency 6 GHz ARB Memory Upgrade 512 Msamples	

Category	Model	Name	
Main frame	MS2690A MS2691A MS2692A	Signal Analyzer (50 Hz to 6 GHz) Signal Analyzer (50 Hz to 13.5 GHz) Signal Analyzer (50 Hz to 26.5 GHz)	Mandatory
Hardware options	MS269xA-020 MS269xA-077 MS269xA-078	Vector Signal Generator (125 MHz to 6 GHz) Analysis Bandwidth Extension to 62.5 MHz Analysis Bandwidth Extension to 125 MHz	Requires MS269xA-077