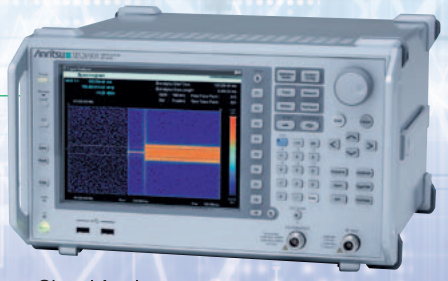
Leaflet

Verify Power-On/Off Transient Faults

MS2690A/91A/92A
Signal Analyzer



Signal Analyzer
MS2690A/91A/92A

Key Features

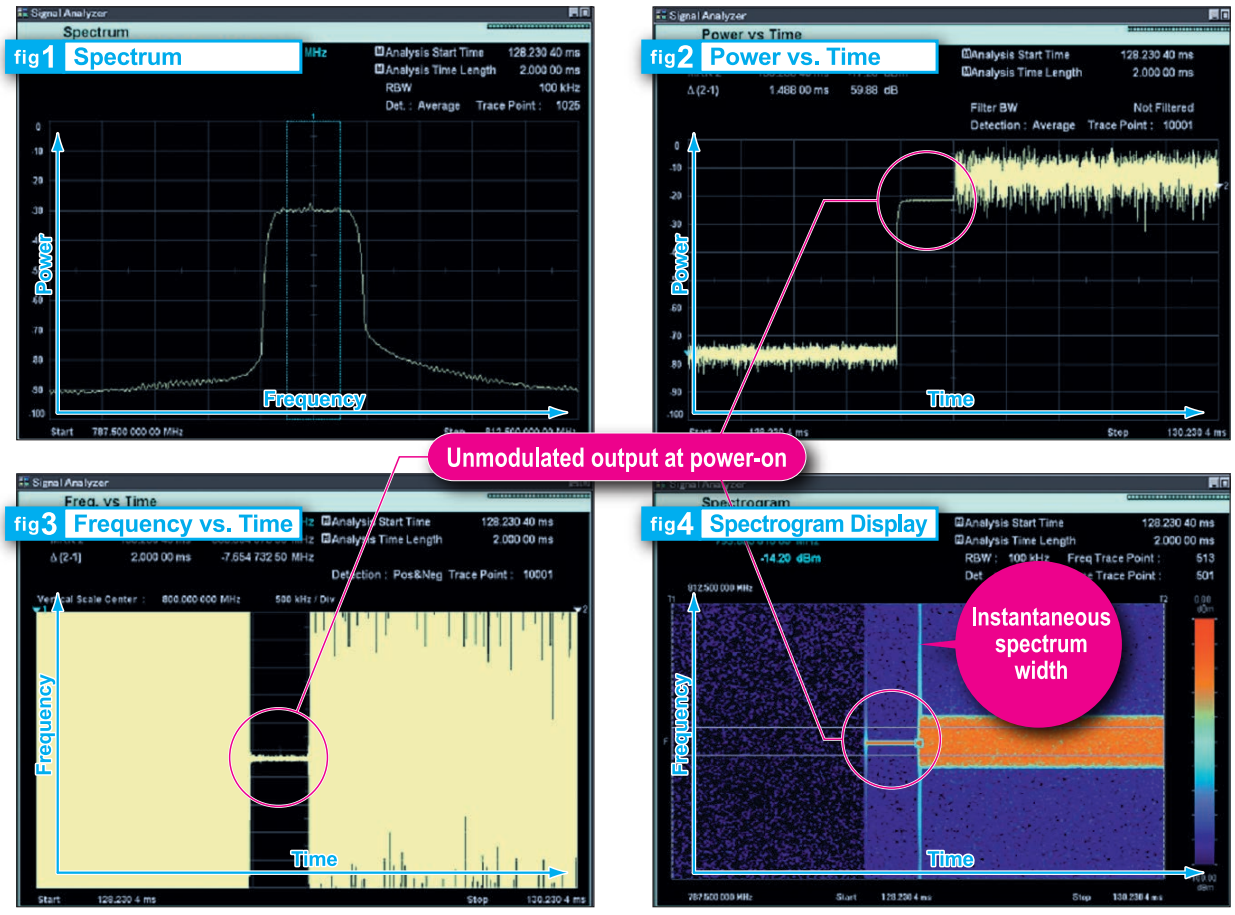
❶ Large Memory for Capturing Transients
❷ 3D Multiple Analyses and Spectrogram Display
❸ Easy Reproduction of Captured Faults
❹ Reproduce Captured Fault Signals from Signal Generator

❶ Large Memory for Capturing Transients

Large internal memory for continuous capture of 128Msample for 125 MHz max. bandwidth signals.
Easy and sure capture of transient and power-on/off faults.

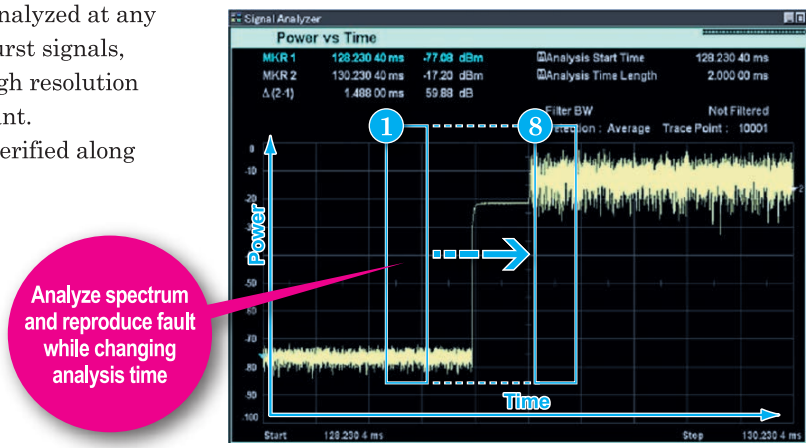
❷ 3D Multiple Analyses and Spectrogram Displays

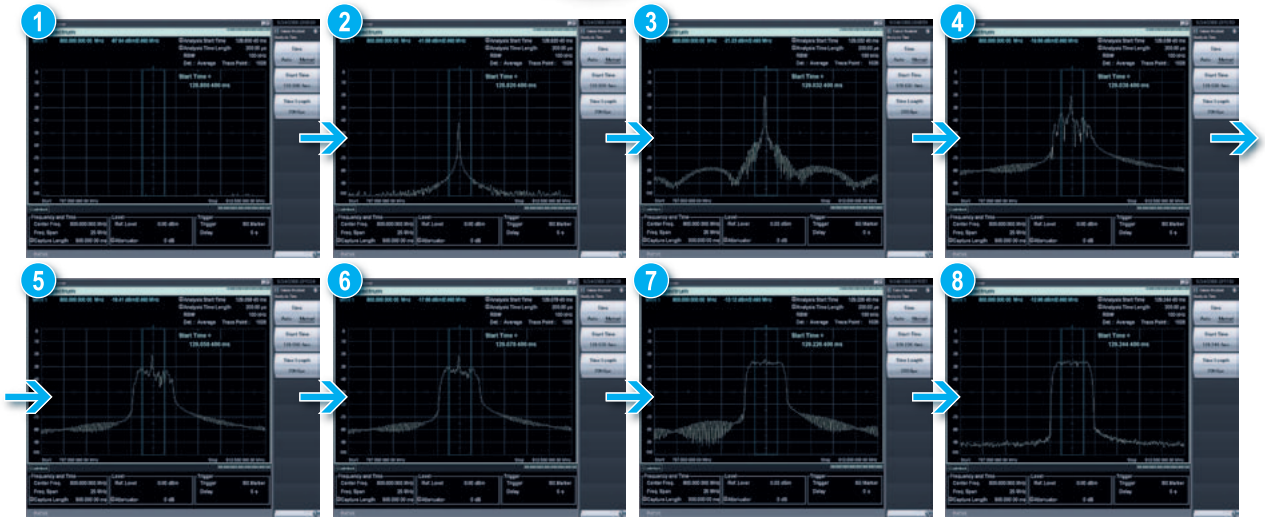
Captured RF signal data analyzed as “Spectrum (fig 1)”, “Power vs. Time (fig 2)”, “Frequency vs. Time (fig 3)” and Intuitive “Spectrogram display (fig 4)” for checking phenomena from every perspective.
The following figure shows the transient unmodulated output and Instantaneous spectrum width at power on.



❸ Easy Reproduction of Captured Faults

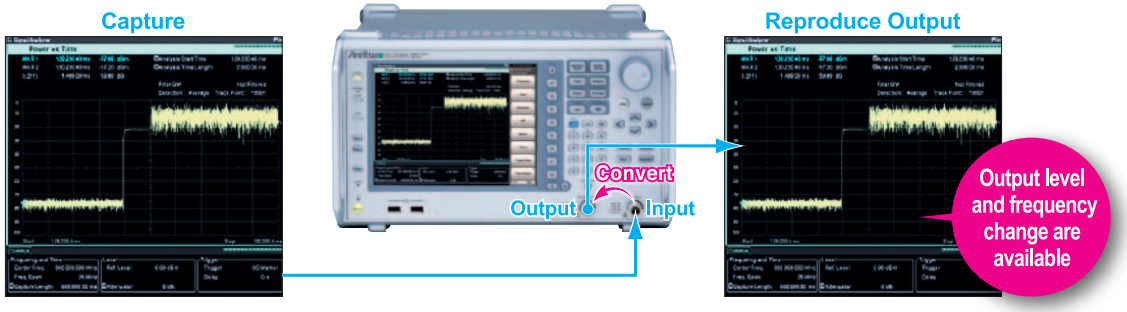
The spectrum of the captured RF signal can be analyzed at any time point and transient spectrum behavior of burst signals, generated spurious, etc., can be reproduced at high resolution by changing the time axis to capture a time instant.
Unmodulated signal output at power-on can be verified along with stabilization of the spectrum waveform.





❹ Reproduce Captured Fault Signals from Signal Generator

A captured RF signal can be converted to waveform data for the built-in vector Signal Generator for later reproduction when required.
Captured fault signals can be reproduced at the lab benchtop to help troubleshoot faults and cut work time.



Ordering Information (Abstract)

Main frame	MS2690A	Signal Analyzer (50 Hz to 6.0 GHz)
	MS2691A	Signal Analyzer (50 Hz to 13.5 GHz)
	MS2692A	Signal Analyzer (50 Hz to 26.5 GHz)
Hardware options	MS2690A/91A/92A-020	Vector Signal Generator (125 MHz to 6 GHz)
	MS2690A/91A/92A-077	Analysis Bandwidth Extension to 62.5 MHz
	MS2690A/91A/92A-078	Analysis Bandwidth Extension to 125 MHz (Requires MS269xA-077)

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