

# Simultaneous Jitter Analysis and Eye Mask Tests

Jitter Analysis Software MP2110A-096  
BERTWave MP2110A



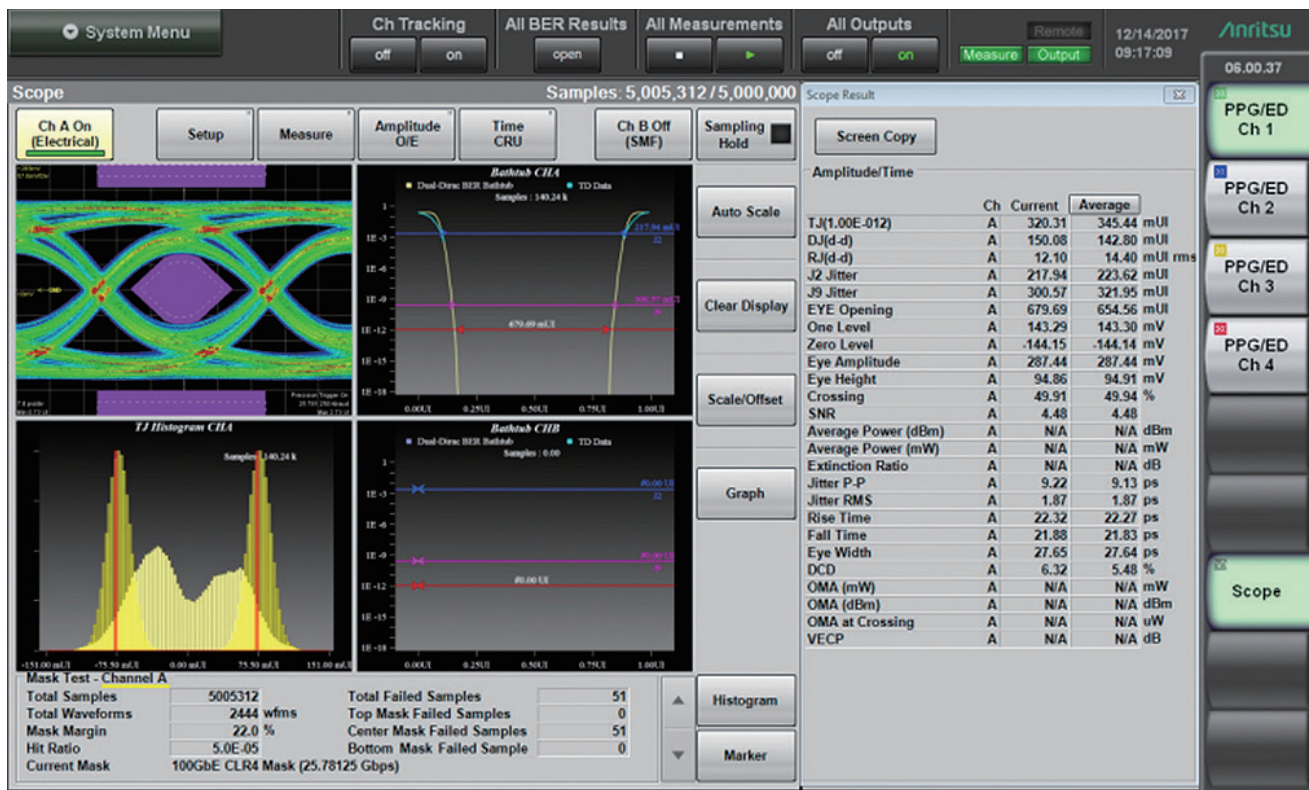
The MP2110A-096 software options adds Jitter analysis functions to the sampling oscilloscope. It supports Total Jitter measurements, such as J2 and J9 required for line inspections, to help separate-out Jitter components and troubleshoot Jitter causes.

## Features

Multigraph displays assist jitter analysis.

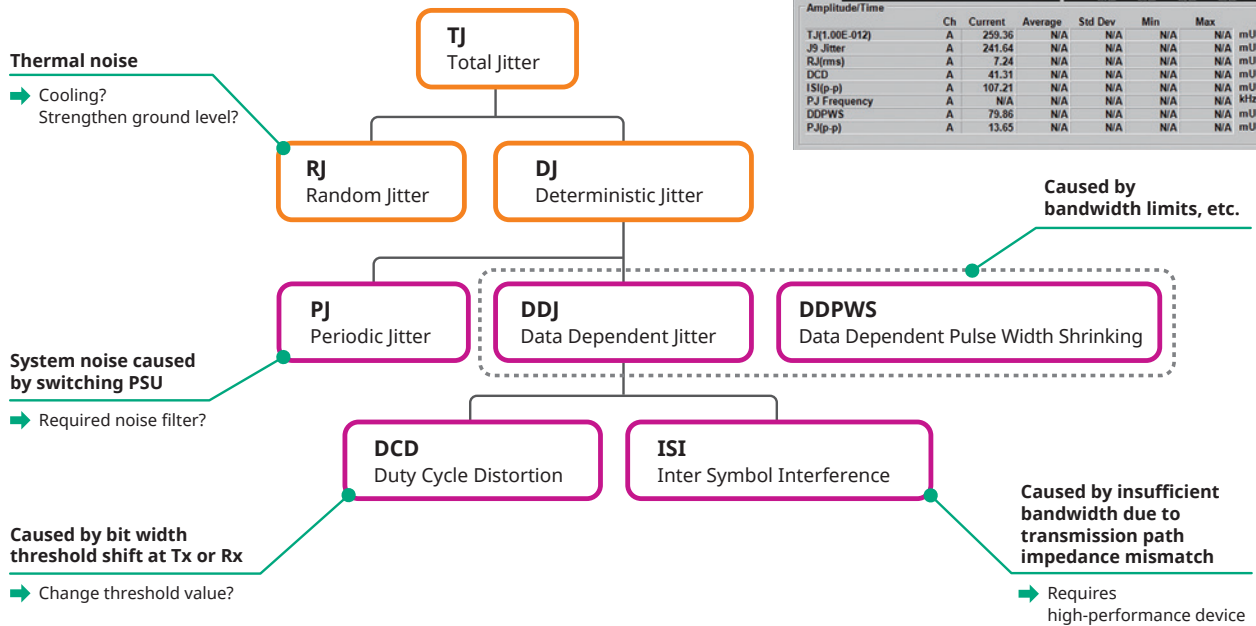
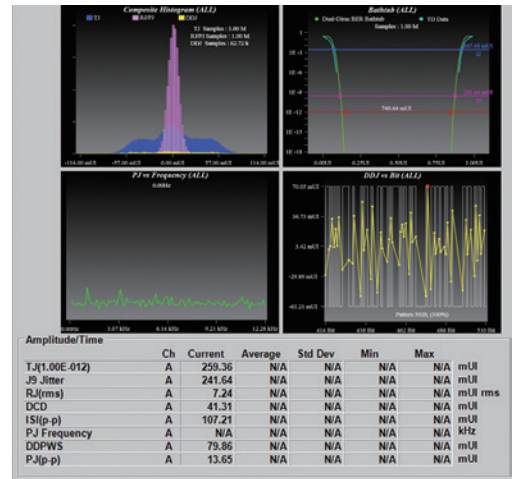
## Eye Mode

Measurements, such as J2 and J9 required for line inspections, are fast and easy. Measurement times are cut by simultaneous jitter analysis and Eye Mask tests.



## Advanced Jitter Mode

DJ separation analysis (PJ, DDJ, DCD, ISI) is supported. The following diagram shows troubleshooting by separation of jitter components.



## Specifications

NRZ Jitter Measurement Items	TJ (j2, J9, User-Defined BER), Eye Opening RJ (d-d), RJ (rms)* DJ (d-d) PJ (p-p)*, PJ Frequency* DDJ (p-p)*, DDPWS* DCD*, ISI (p-p)*
Graphs	TJ/RJ/PJ/DDJ Histogram DDJ vs. BIT Bathtub PJ vs. Frequency
Intrinsic Jitter	200 rms (typ.)

\*: Enabled only in Advanced Jitter Mode

## Ordering Information

Please specify the model, 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.

Model	Name
MP2110A-096	Jitter Analysis Software
MP2110A-396	Jitter Analysis Software Retrofit

\* This can only be installed in the MP2110A-x21/x22/x23/x25/x26/x32/x33/x35/x36 sampling oscilloscopes. The customer can perform the retrofit without returning the instrument to Anritsu.