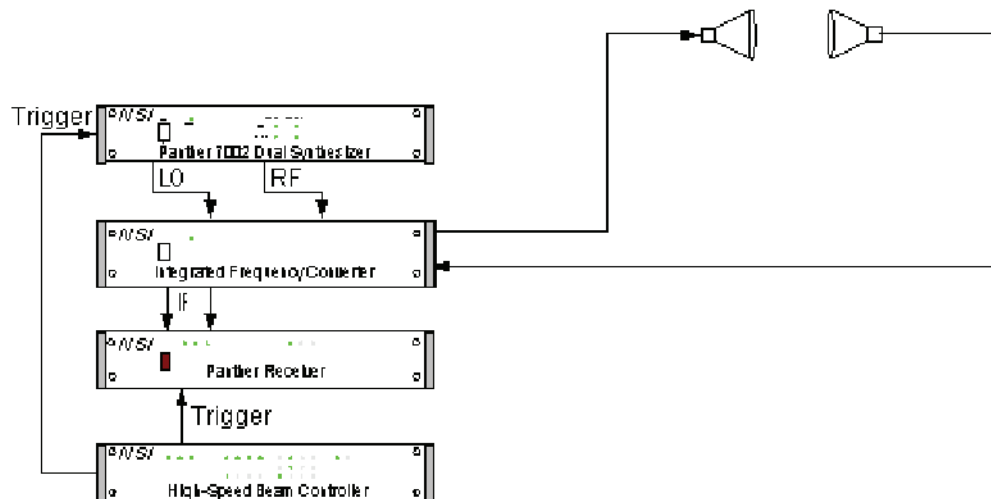




DESCRIPTION

The NSI-RF-60001E is a high performance antenna measurement system based on the NSI Panther Receiver, High Speed Beam Controller, NSI Panther 7002 dual source (single unit includes both RF & LO sources) and the NSI Integrated Frequency Converter. The system block diagram is shown below.



CAPABILITIES

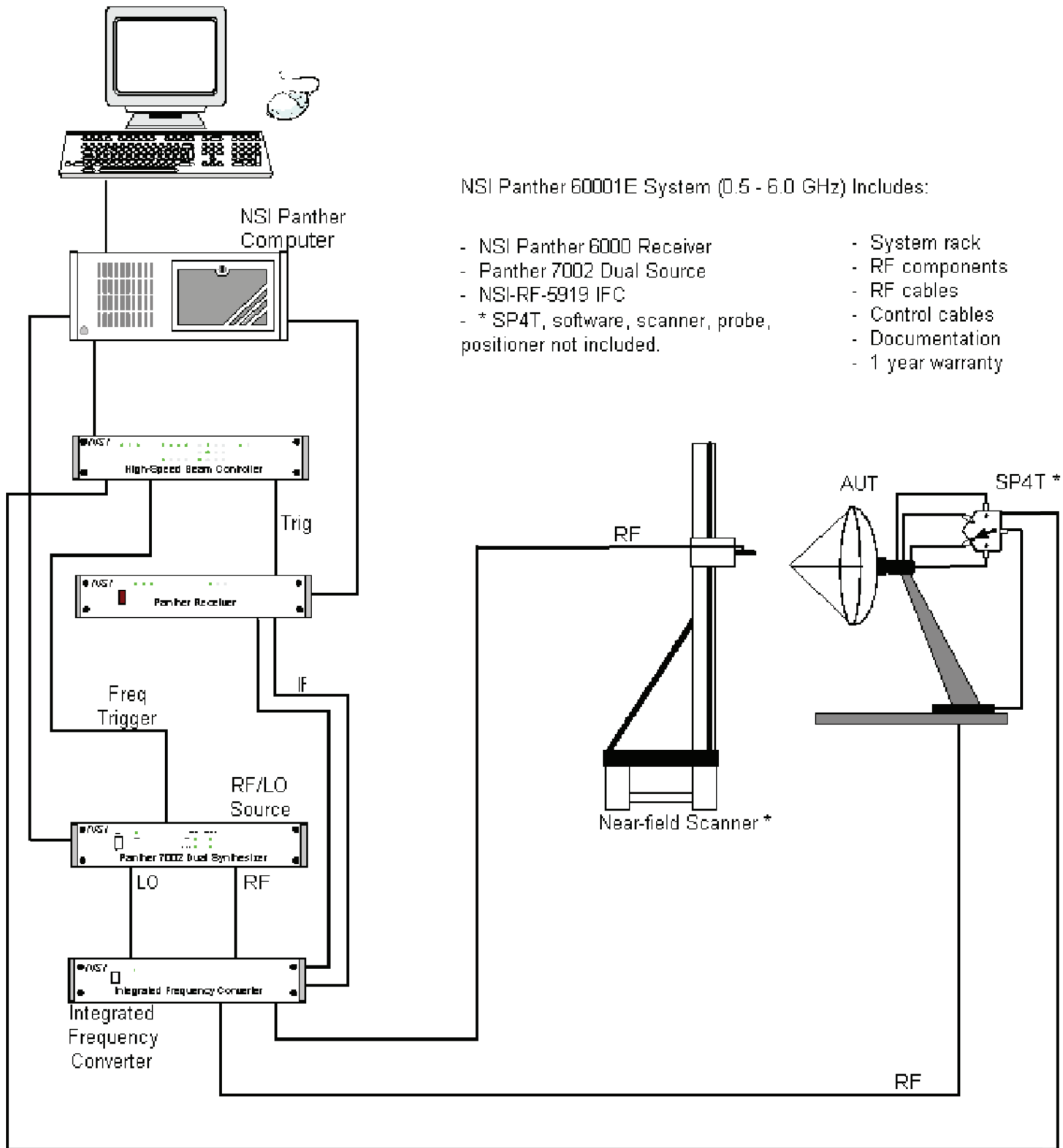
The Panther 6000 receiver is capable of 80,000 measurements per second (integration time is 3.5 usec). By increasing the number of averages, the Panther receiver provides the flexibility of trading dynamic range for measurement speed.

The Panther 7002 frequency source has a frequency settling time of 300 microseconds.

FEATURES

- NSI Panther 6000 High Speed Receiver
- NSI Panther High Speed Beam Controller
- NSI Panther Windows Computer
- NSI Panther 7002 Synthesizer (RF and LO)
- NSI-RF-5919 IFC, 0.5 - 8.0 GHz
- System rack
- RF cables and components
- Control cables
- Documentation
- 1 Year Warranty

NSI Panther 60001E Typical Implementation



NSI Panther 60001E System (0.5 - 6.0 GHz) Includes:

- NSI Panther 6000 Receiver
- Panther 7002 Dual Source
- NSI-RF-5919 IFC
- * SP4T, software, scanner, probe, positioner not included.
- System rack
- RF components
- RF cables
- Control cables
- Documentation
- 1 year warranty

ORDERING INFORMATION

Contact NSI Sales Dept for a system quote.

Nearfield Systems, Incorporated

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