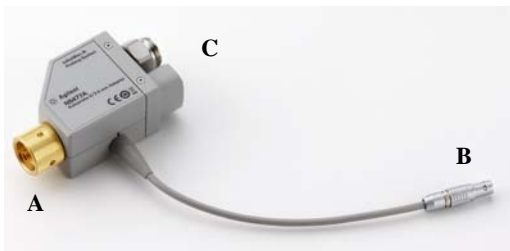


# Using the Agilent N5477A Sampling Oscilloscope Adapter

The Agilent N5477A sampling oscilloscope adapter can be used to connect the InfiniiMax III probing system (N2800A Series) to the DCA-j 86100C wideband oscilloscope or other RF instruments.



Connect the NMD/3.5 mm side of the adapter (A) to one of the channel inputs on the sampling oscilloscope. Then connect the power cord (B) to either the probe power output on the DCA-j 86100C wideband oscilloscope (if the module being used has this receptacle) or to the 1143A power module. Finally, connect the other side of the adapter (C) to the InfiniiMax III probe amplifier.



Previously, the DCA-j wideband oscilloscope was limited to 13 GHz of probing, but with the N5477A sampling oscilloscope adapter, the DCA-j can now probe up to 30 GHz.

The N5477A sampling oscilloscope adapter can also be used to connect the InfiniiMax III probing system to generic 50  $\Omega$  test equipment as long as the 1143A power supply and 5062-1247 NMD male-to-3.5mm female adapter are used. Both of these parts can be ordered through Agilent Technologies.

Agilent Technologies, Inc.

Printed in Malaysia

August 2010

Document Part Number: N5477-97000



**Agilent Technologies**