

N9020A-06

# Information Only Service Note

Supersedes:  
NONE

## N9020A MXA Signal Analyzer

Serial Numbers:  
All with Option N9020A-MTU

Measurement Application Specifications for N9020A Signal Analyzers Upgraded to Multi-Touch User Interface (UI)

Parts Required:  
NONE

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### ADMINISTRATIVE INFORMATION

Calibration Required  
 Calibration NOT Required

PRODUCT LINE: 12  
AUTHOR: BDT

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ADDITIONAL INFORMATION:

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**Situation:**

N9020A MXA Signal Analyzers that have been upgraded to multi-touch UI via either the N9020AK-MTU or N9020AK-MTP upgrade kit must use “C” model or “E” model measurement applications, such as N9071C or N9085EM0E.

Although these measurement applications will function, specifications for these C-model and E-model measurement applications are only documented in the N9020B MXA Signal Analyzer Specifications Guide, not in the N9020A MXA Signal Analyzer Specifications Guide.

If the N9020A has a serial number prefix  $\geq$  MY/SG/US5233 it has the same measurement hardware and is tested to the same test limits as an N9020B, whether the N9020A has the traditional UI (hardkey/softkey) or the multi-touch UI. These N9020As should nominally meet all the specifications for the C-model or E-model measurement application documented in the N9020B MXA Signal Analyzer Specifications Guide.

If the N9020A has a serial number prefix  $<$  MY/SG/US5233, the measurement hardware is different and will be tested to looser test limits than an N9020B. Therefore, these earlier N9020As might not meet all the specifications for the C-model or E-model measurement applications documented for the N9020B.

Therefore, if a C-model or E-model measurement application is being used to test a device on an earlier N9020A, it is possible that the test might report a fail when in fact the device being tested should have reported a pass.

However, it is highly unlikely that a device tested on this same N9020A will report a pass when the device should have reported a fail.

**Solution/Action:**

If you are using a N9020A that has been upgraded to multi-touch UI and the serial number prefix is  $<$  MY/SG/US5233, be aware that specifications for the C-model or E-model measurement applications published in the N9020B PXA Signal Analyzer Specifications Guide will not apply to the N9020A.

**Revision History:**

Date	Service Note Revision	Author	Reason for Change
10 Oct 2018	01	Brian D. Torr	As Published