TEST NUMBER - 409-13R4

Supplier's Declaration of Conformity (SDoC) Testing

in accordance with the requirements of

TIA-968-B, TIA-968-B-1

for

Digium Inc.
445 Jan Davis Drive NW
Huntsville, AL 35806
(256) 428-6000

of

Single Channel Analog Module

X100M

on

August 23, 2013

Tested by

Mark R. McSweeney

Reviewed by:

Larry K. Stillings

This report may not be reproduced except in full without written permission from Compliance Worldwide, Inc.

TEST NUMBER: 409-13R3
MANUFACTURER: Digium Inc.
EUT: Single Channel Analog Module X100M

Table of Contents

1 - Scope 4

2 - Product details 5

2.1 - Equipment description 5

3 - Test parameters 5

3.1 - Laboratory environment 5

3.2 - Results analysis 6

4 - Photographs 7

TEST NUMBER: 409-13R3
MANUFACTURER: Digium Inc.
EUT: Single Channel Analog Module X100M

Declaration and Terminal Equipment Information

I, the undersigned, Mark R. McSweeney
Compliance Worldwide, Inc.
357 Main Street
Sandown, NH 03873
hereby attest:

That the information contained in this submission for terminal equipment (listed below) certification is, to the best of my knowledge, complete and accurate. The equipment has been evaluated in all applicable conditions and complies with all the technical requirements of the document(s) for which approval is sought.

Trade Name / **Model Number**: Single Channel Analog Module / X100M

Connecting Method: RJ 11C

Ringer Equivalence Number: 0.1A

Description: The Single Channel Analog Module X100M is a 1 port loop start interface that installs on Digium Analog Telephony Cards. The X100M can be deployed on the following Digium Analog Telephony Cards:

TDM800P
AEX800
TDM410
AEX410
A4A
A4B
A8A
A8B
The X100M can also be deployed on the Digium Gateway Series G080 stand alone chassis

Signed this 23rd day of August 2017

Mark R. McSweeney

TEST NUMBER: 409-13R3
MANUFACTURER: Digium Inc.
EUT: Single Channel Analog Module X100M

1 - Scope

This standard specifies technical criteria for terminal equipment approved in accordance with 47 CFR 68 for direct connection to the public switched telephone network, including private line services provided over wireline facilities owned by providers of wireline telecommunications. These technical criteria are intended to protect the telephone network from the harms defined in 47 CFR 68.3. Conformance to the technical criteria in this standard will not assure compatibility with wireline carrier services.

TE that is modified shall be re-approved under the requirements in effect at the time of the modification, not necessarily those requirements in effect at the time of the prior approval. Except as other wise specified herein, a modification is any change that affects the compliance of TE to this standard. Repair to TE, where no modification has occurred, does not require re-approval.

Note: This report has been compiled to document Single Channel Analog Module X100M testing results in comparison to the requirements as specified in TIA-968-B and TIA-968-B-1. All results are based on a test of one sample, only in as much as that sample represents other production units. If any significant changes are made to the unit, the changes shall be evaluated and a retest may be required.

TEST NUMBER: 409-13R3
MANUFACTURER: Digium Inc.
EUT: Single Channel Analog Module X100M

2 - Product details

2.1 - Equipment description

Trade Name: Single Channel Analog Module

Model Number: X100M

Serial Number: n/a

Input Power: 3.3, 5 VDC via host interface

Description: The Single Channel Analog Module X100M is a 1 port loop start interface that installs on Digium Analog Telephony Cards. The X100M can be deployed on the following Digium Analog Telephony Cards:

TDM800P
AEX800
TDM410
AEX410
A4A
A4B
A8A
A8B
The X100M can also be deployed on the Digium Gateway Series G080 stand alone chassis

3 - Test parameters

3.1 - Laboratory environment

Ambient Temperature	15 - 25	°C	Relative Humidity	30 - 75	%

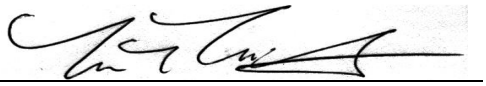
TEST NUMBER: 409-13R3
MANUFACTURER: Digium Inc.
EUT: Single Channel Analog Module X100M

3.2 - Results analysis

The Single Channel Analog Module X100M was previously evaluated together with the TDM800P, AEX800, TDM410 and the AEX410, A8A and A8B Analog Telephony Cards and found to be compliant with TIA-968-A, TIA-968-A-1, TIA-968-A-2 and TIA-968-A-3..

Digium has designed a new stand alone chassis and base card, the Gateway Series G080, that the X100M can additionally be deployed on. This chassis act as a transparent adaptor to the interface components on the X100M and can be included under the same approval that applies to the current Analog Telephony Cards."

Based on this evaluation the X100M continues to comply with the requirements of TIA-968-B and TIA-968-B-1.

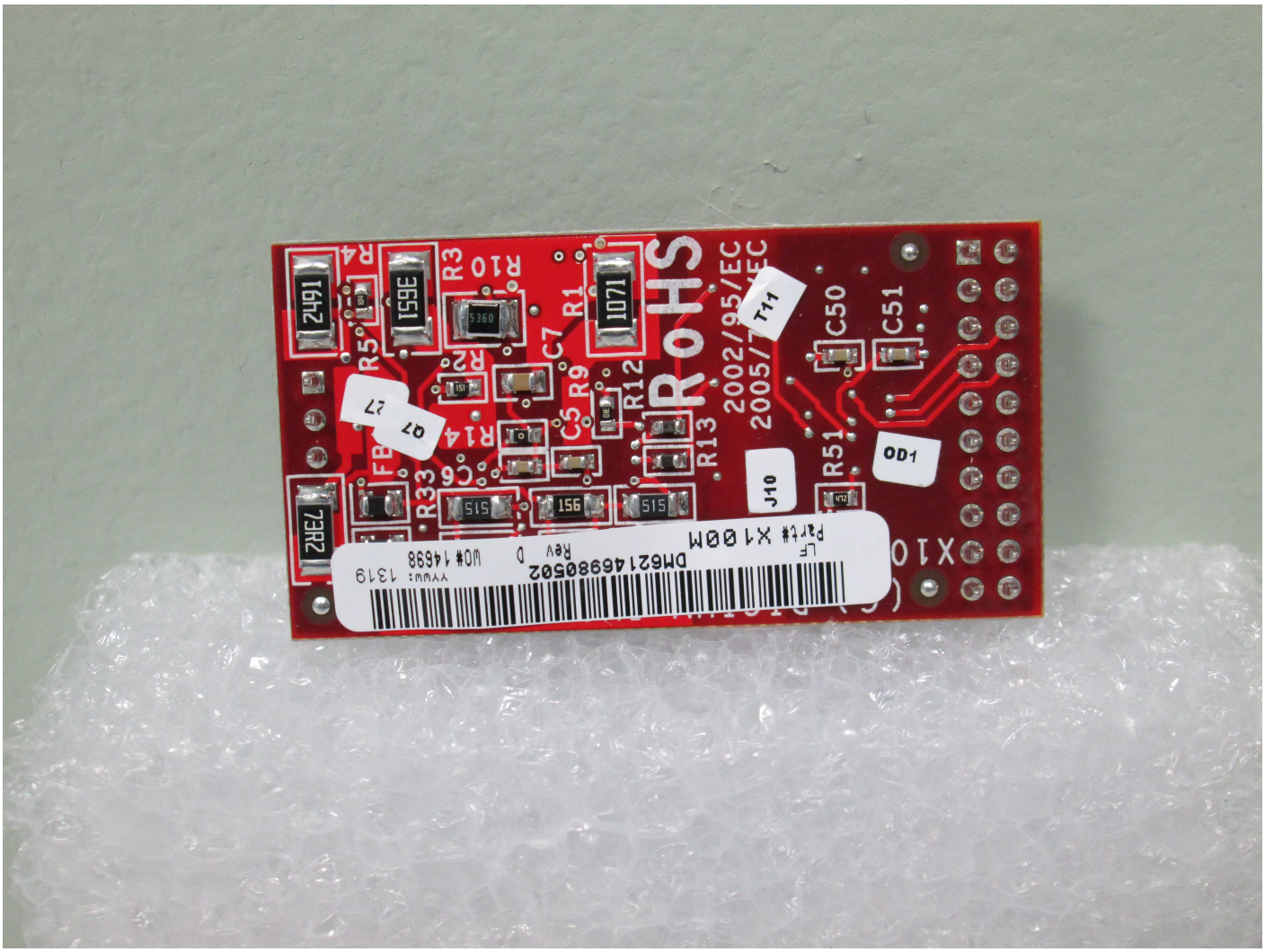
Test Engineer: 

Mark R. McSweeney
August 23, 2013

TEST NUMBER: 409-13R3
MANUFACTURER: Digium Inc.
EUT: Single Channel Analog Module X100M

4 - Photographs

Show photographs giving views of internal and external surfaces to depict component placement and wiring of telephone leads.



TEST NUMBER: 409-13R3
MANUFACTURER: Digium Inc.
EUT: Single Channel Analog Module X100M

