UUT Report

Station ID:	**IT-W-7303101**
Serial Number:	**NONE**
Date:	**venerdì 10 novembre 2023**
Time:	**15:48:41**
Operator:	**administrator**
Execution Time:	**1570.6059742 seconds**
Number of Results:	**1370**
UUT Result:	**Error**, Array index out of bounds. [Error Code: -17324, Array index out of bounds.]
Product:	**MOD LV**
Product type:	**MOD LV**
Comm type:	**COMM1_RS485**
Product FW Version:	**56010808**
Comm FW Version:	**56010000**

Begin Sequence: MainSequence
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\General_test.seq)

Double_trip_ARI_blocked	
Status:	Skipped

Simultaneous trip_open	
Status:	Skipped

General and Architecture and LED	
Status:	Skipped

Input-Output	
Status:	Skipped

Power Outage	
Status:	Skipped

Motor Driver	
Status:	Skipped

Modbus Register check	
Status:	Failed
Module Time:	637.2461607

Begin Sequence: Modbus Register check
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\General_test.seq)

Internal communication failure	
Status:	Done
Register Value:	OK

Additional Results	
Status:	Done
PopupString:	Check that the remote opening via modbus worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus worked.
Status:	Passed

Popup PassFail	
Status:	Failed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus has not worked during dead time.
Status:	Failed

Popup PassFail	
Status:	Failed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus worked.
Status:	Failed

input	
Status:	Done
Register Value:	Disable

Pass/Fail Test	
Status:	Passed

Communication	
Status:	Done
Register Value:	Disable

Pass/Fail Test	
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via input has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via input has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus has not worked.
Status:	Passed

input	
Status:	Done
Register Value:	Disable

Pass/Fail Test	
Status:	Passed

Communication	
Status:	Done
Register Value:	Disable

Pass/Fail Test	
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote opening via input has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote opening via modbus has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote opening via input has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote opening via modbus has not worked.
Status:	Passed

input	
Status:	Done
Register Value:	Enable

Pass/Fail Test	
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via input worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote opening via modbus has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote opening via input worked.
Status:	Passed

Communication	
Status:	Done
Register Value:	Enable

Pass/Fail Test	
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing and opening via input worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing and opening via modbus worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via input has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote opening via input has not worked.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the remote opening via modbus worked.
Status:	Passed

| Status Breaker	
Status:	Done
Register Value:	Open

Test Status Breaker	
Status:	Passed

Status Breaker	
Status:	Done
Register Value:	Open

Test Status Breaker	
Status:	Passed

Status Breaker	
Status:	Done
Register Value:	Close

Test Status Breaker	
Status:	Passed

Status Breaker	
Status:	Done
Register Value:	Close

Test Status Breaker	
Status:	Passed

Status Breaker	
Status:	Done
Register Value:	Open

Test Status Breaker	
Status:	Passed

Status Breaker	
Status:	Done
Register Value:	Open

Test Status Breaker	
Status:	Passed

Tripped	
Status:	Done
Register Value:	No Trip

Test Tripped	
Status:	Passed

Tripped	
Status:	Done
Register Value:	Trip

Test Tripped	
Status:	Passed

| Tripped	
Status:	Done
Register Value:	Trip

Test Tripped	
Status:	Passed

Tripped	

Status:	Done
Register Value:	No Trip
Test Tripped	
Status:	Passed

TIME Tripped	
Status:	Done
Time Tripped before:	000101000000
TIME Tripped	
Status:	Done
Time Tripped after:	000101000008
Time tripped check	
Status:	Passed

Maneuvre parameters graphs	
Status:	Done
Peak current in mA[0..9]:	
Motor torque in mN-m[0..9]:	
Time to max torque in ms[0..9]:	
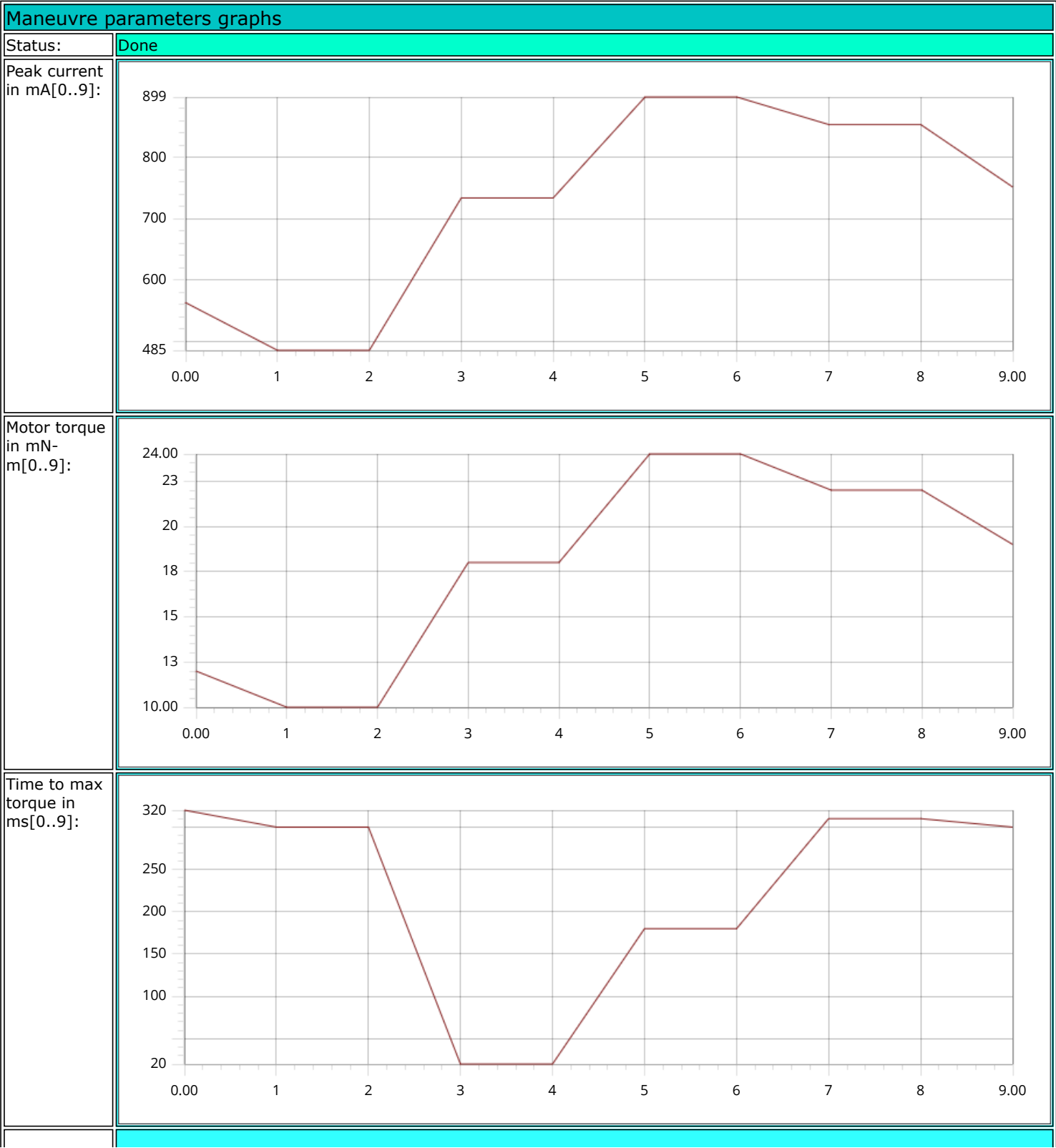
Peak torque toggle angle in degree[0..9]:	
Closing time in ms[0..9]:	
Opening time in ms[0..9]:	
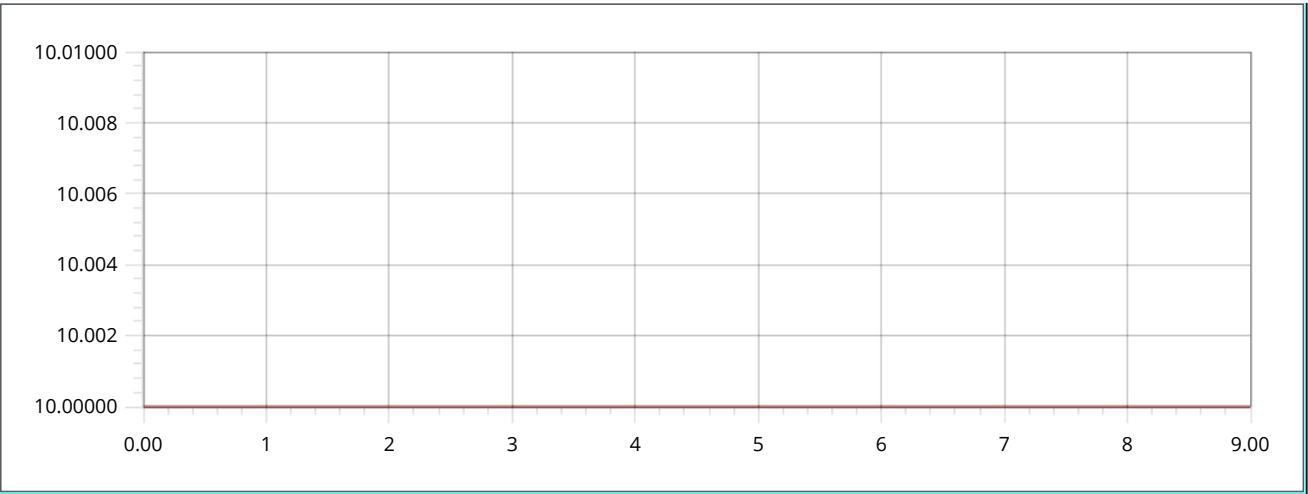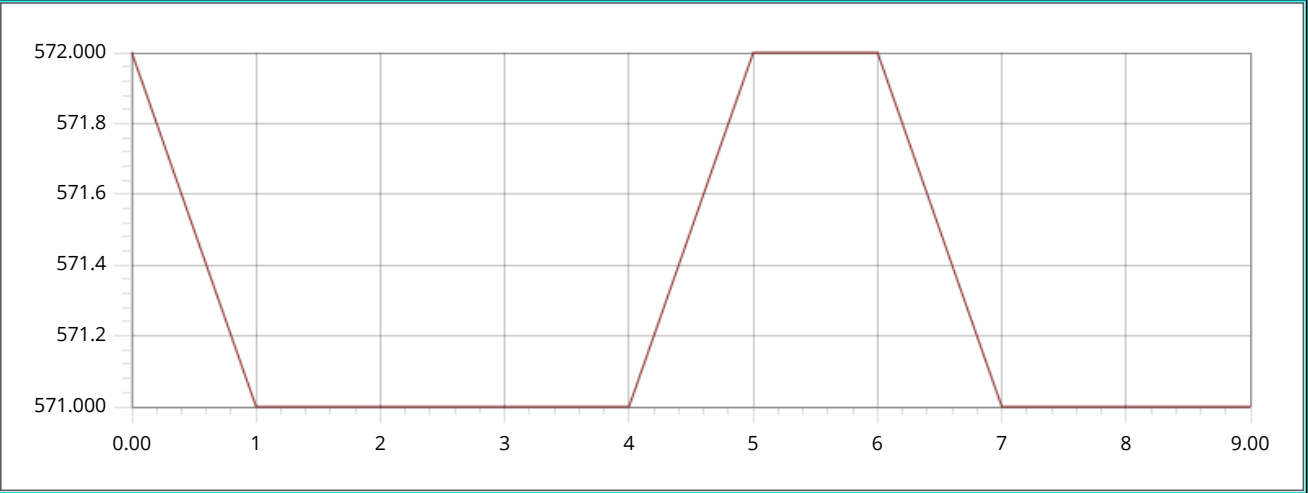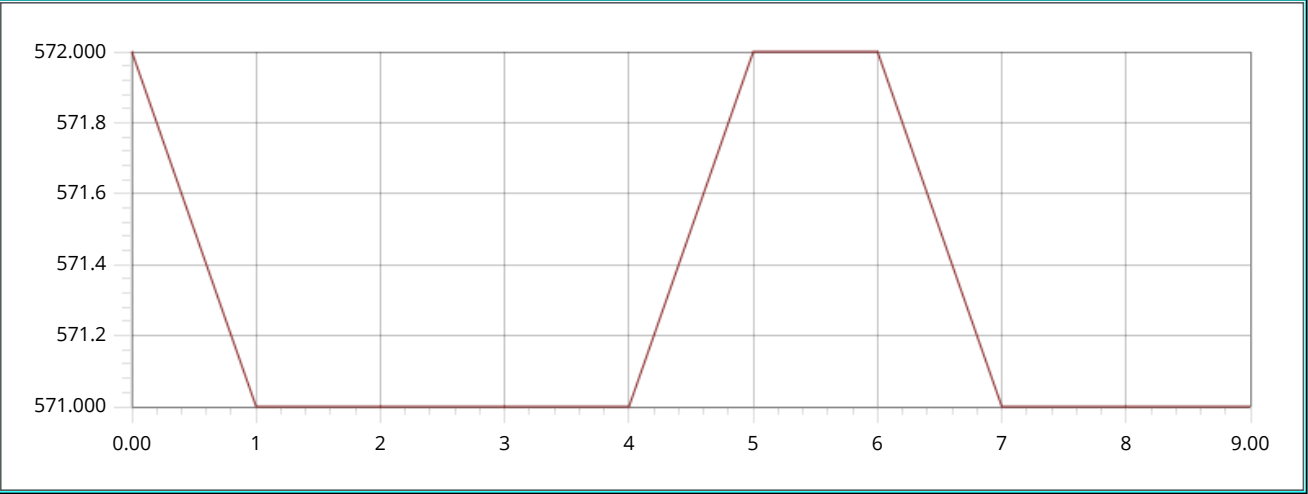
Maneuver attempt ongoing

Status:	Done
Register Value:	No Maneuver

Test Maneuvre ongoing

Status:	Passed

Parallel Call - Read loop

Status:	Done
Module Time:	0.0024589

Meneuvre Ongoing test

Status:	Passed

Maneuvre Ongoing Results

Status:	Done
Value of the register before the first change:	No Maneuver

Value of the register after the first change:	Maneuver ongoing
Number of changes:	2

Maneuver attempt ongoing

Status:	Done
Register Value:	No Maneuver

Test Maneuvre ongoing

Status:	Passed

Parallel Call - Read loop

Status:	Done
Module Time:	0.0026932

Meneuvre Ongoing test

Status:	Passed

Maneuvre Ongoing Results

Status:	Done
Value of the register before the first change:	No Maneuver
Value of the register after the first change:	Maneuver ongoing
Number of changes:	2

Maneuver attempt ongoing

Status:	Done
Register Value:	No Maneuver

Test Maneuvre ongoing

Status:	Passed

Total Number of maneuvre

Status:	Done
Register Value:	438

Total Number of closing maneuvre

Status:	Done
Register Value:	248

Total Number of maneuver

Status:	Done
Register Value:	458

Test total number maneuvre

Status:	Passed

Total Number of closing maneuver

Status:	Done
Register Value:	258

Test total number closing

Status:	Passed

Output 1

Status:	Done
Register Value:	MOD lever open

Test Output1

Status:	Passed

Output 2

Status:	Done
Register Value:	Lock-out state not-active

Test output 2

Status:	Passed

Input 1

Status:	Done
Register Value:	Not Active

Test Input 1

Status:	Passed

Input 2

Status:	Done
Register Value:	Not Active

Test Input 2

Status:	Passed

Output 1

Status:	Done
Register Value:	MOD lever close

Test Output1

Status:	Passed

Output 2

Status:	Done
Register Value:	Lock-out state not-active

Test output 2

Status:	Passed

Input 1

Status:	Done
Register Value:	Active

Test Input 1

Status:	Passed

Input 2

Status:	Done
Register Value:	Not Active

Test Input 2

Status:	Passed

Output 1

Status:	Done
Register Value:	MOD lever open

Test Output1

Status:	Passed

Output 2

Status:	Done
Register Value:	Lock-out state not-active

Test output 2

Status:	Passed

Input 1

Status:	Done
Register Value:	Not Active

Test Input 1	
Status:	Passed

Input 2	
Status:	Done
Register Value:	Active

Test Input 2	
Status:	Passed

Output 1	
Status:	Done
Register Value:	MOD lever open

Test Output1	
Status:	Passed

Output 2	
Status:	Done
Register Value:	Lock state

Test output 2	
Status:	Passed

Input 1	
Status:	Done
Register Value:	Not Active

Test Input 1	
Status:	Passed

Input 2	
Status:	Done
Register Value:	Not Active

Test Input 2	
Status:	Passed

Output 1	
Status:	Done
Register Value:	MOD lever close

Test Output1	
Status:	Passed

Output 2	
Status:	Done
Register Value:	Lock-out state not-active

Test output 2	
Status:	Passed

Input 1	
Status:	Done
Register Value:	Not Active

Test Input 1	
Status:	Passed

Input 2	
Status:	Done
Register Value:	Not Active

Test Input 2	
Status:	Passed

TIME Power Fail	
Status:	Done
Time Power Fail before:	000101000011

TIME Power Fail	
Status:	Done
Time Power Fail after:	000101000417

Time power fail	
Status:	Passed

LAST DEMANDED COMMAND FAILED PF	
Status:	Done
Register Value:	All command completed

Test last demanded command	
Status:	Passed

LAST DEMANDED COMMAND FAILED PF	
Status:	Done
Register Value:	All command completed

Test last demanded command	
Status:	Passed

Parallel Call - Read loop power fail	
Status:	Done
Module Time:	0.002029

Meneuvre power fail test	
Status:	Passed

Parallel Call - Read loop power fail	
Status:	Done
Module Time:	0.0015723

Meneuvre power fail test	
Status:	Passed

Diagnostic register	
Status:	Done
Register Value:	2

Pass/Fail Test	
Status:	Passed

Diagnostic register	
Status:	Done
Register Value:	1

Pass/Fail Test	
Status:	Passed

Diagnostic register	
Status:	Done
Register Value:	4

Pass/Fail Test	
Status:	Passed

Product type number ID MOD	
Status:	Done
Register Value:	MOD LOW VOLTAGE

Product type number ID COMM	
Status:	Done
Register Value:	COMM1_RS485

Product Type MOD	
Status:	Done
Product Type MOD:	MOD_LVÿÿÿÿÿÿÿÿÿÿ

Product Type COMM	
Status:	Done
Product Type COMM:	COMM1_RS485

Serial Number MOD	
Status:	Done
Serial Number MOD:	ÿÿÿÿÿ

Serial Number COMM	
Status:	Done
Serial Number COMM:	ÿÿÿÿÿ

FW Version MOD	
Status:	Done
FW Version MOD:	V□

FW Version COMM	
Status:	Done
FW Version COMM:	V□

Modbus RTU parameter Slave Address	
Status:	Done
Register Value:	1

Modbus RTU parameter Baud Rate	
Status:	Done
Register Value:	19200

Modbus RTU parameter Parity	
Status:	Done
Register Value:	EVEN

End Sequence: Modbus Register check

Modbus settings check	
Status:	Skipped

COMM LED & Button	
Status:	Skipped

Eprom test	
Status:	Error
Error Message: Array index out of bounds. [Error Code: -17324]	
Module Time:	915.1367625

Begin Sequence: Eprom writing
(C:\Users\itlavit1\OneDrive - ABB\LabRnD_Shared\TestStand\Sequences\MOD\General_test.seq)

Additional Results	
Status:	Done
PopupString:	Check that all the funcionalities of the Device are still working.
Status:	Passed

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Additional Results	
Status:	Skipped

Additional Results	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Pass/Fail Test	
Status:	Skipped

Additional Results	
Status:	Skipped

Pass/Fail Test	
Status:	Passed

Pass/Fail Test	
Status:	Passed

Pass/Fail Test	
Status:	Passed

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Pass/Fail Test	
Status:	Passed

End Sequence: Eprom writing

End Sequence: MainSequence

End UUT Report