UUT Report

Station ID:	**IT-W-7303101**
Serial Number:	**NONE**
Date:	**martedì 7 novembre 2023**
Time:	**08:26:25**
Operator:	**administrator**
Execution Time:	**1647.8470435 seconds**
Number of Results:	**1268**
UUT Result:	**Failed**
Product:	**ARI LV**
Product type:	**ARI LV**
Comm type:	**COMM1_RS485**
Product FW Version:	**56010807**
Comm FW Version:	**56010000**
Failure Chain:	

Step	Sequence	Sequence File
Test Output1	Modbus Register check	General_test.seq
Modbus Register check	MainSequence	General_test.seq

Begin Sequence: MainSequence
(C:\Users\ITLUBAR5\ABB\LABRND VITTUONE - LabRnD_Shared\TestStand\Sequences\MOD\General_test.seq)

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:	1629.9270108

Begin Sequence: Modbus Register check
(C:\Users\ITLUBAR5\ABB\LABRND VITTUONE - 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

Additional Results	
Status:	Done
PopupString:	Check that the remote closing via modbus has not worked due to closing command but for autoreclosing procedure.
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 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:	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
Reclosing attempts	
Status:	Done
Register Value:	3
Waiting time among reclosing	
Status:	Done
Register Value:	3
Neutralization time	
Status:	Done
Register Value:	12
Additional Results	
Status:	Done
PopupString:	Check that the ARI entered the Lock state with the prefixed settings.
Status:	Passed
Reclosing attempts	
Status:	Done
Register Value:	5
Test Update Reclosing attempts	
Status:	Passed
Waiting time among reclosing	
Status:	Done
Register Value:	5
Test Update Time among reclosing	
Status:	Passed
Neutralization time	
Status:	Done
Register Value:	45
Test Update Neutralization time	
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the ARI entered the Lock state with the new settings.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check that the ARI entered the Lock state with the new settings.
Status:	Passed

Additional Results	
Status:	Done
PopupString:	Check with modbus poll that the maximum settable value of the neutralization time and waiting time before reclosing is 300 and the maximum number of reclosing attempts is 10.
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

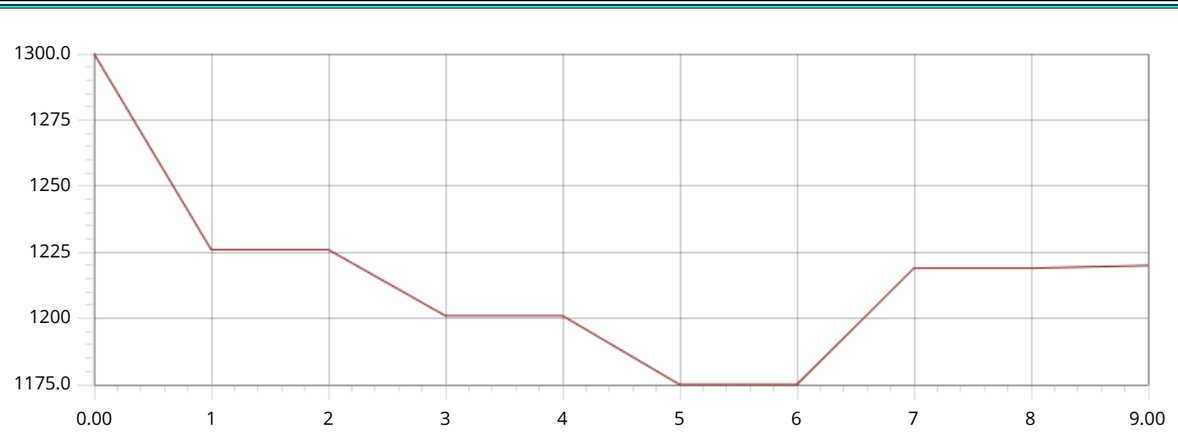
Tripped	
Status:	Done
Register Value:	No Trip

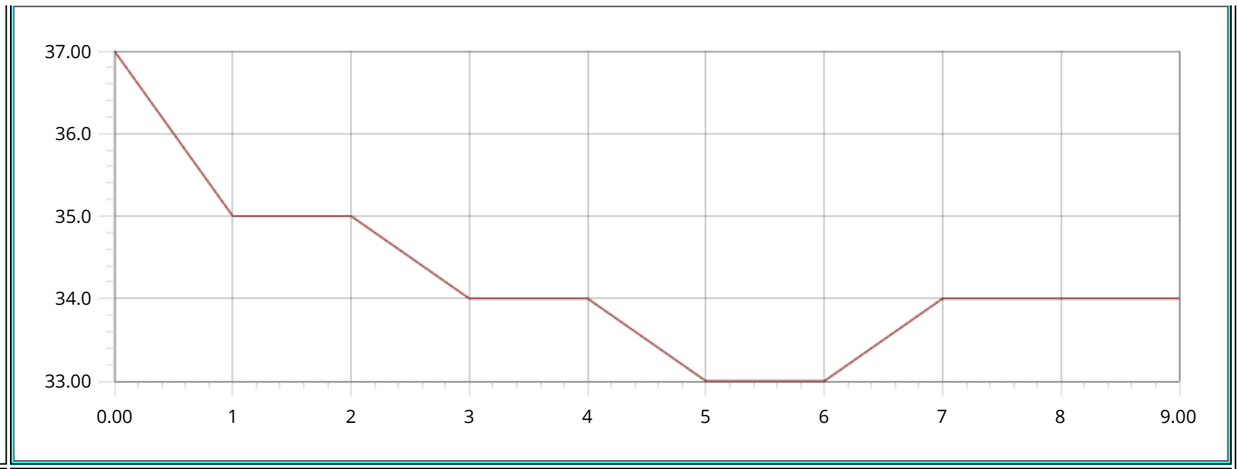
Test Tripped	
Status:	Passed

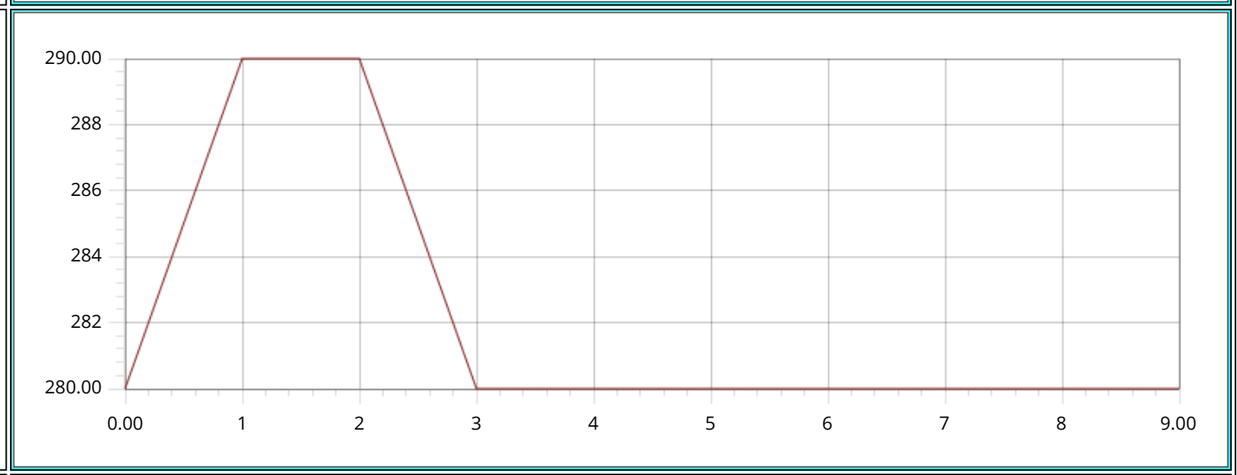
Tripped	
Status:	Done
Register Value:	Trip
Test Tripped	
Status:	Passed
Tripped	
Status:	Done
Register Value:	Trip
Test Tripped	
Status:	Passed
Tripped	
Status:	Done
Register Value:	Trip
Test Tripped	
Status:	Passed

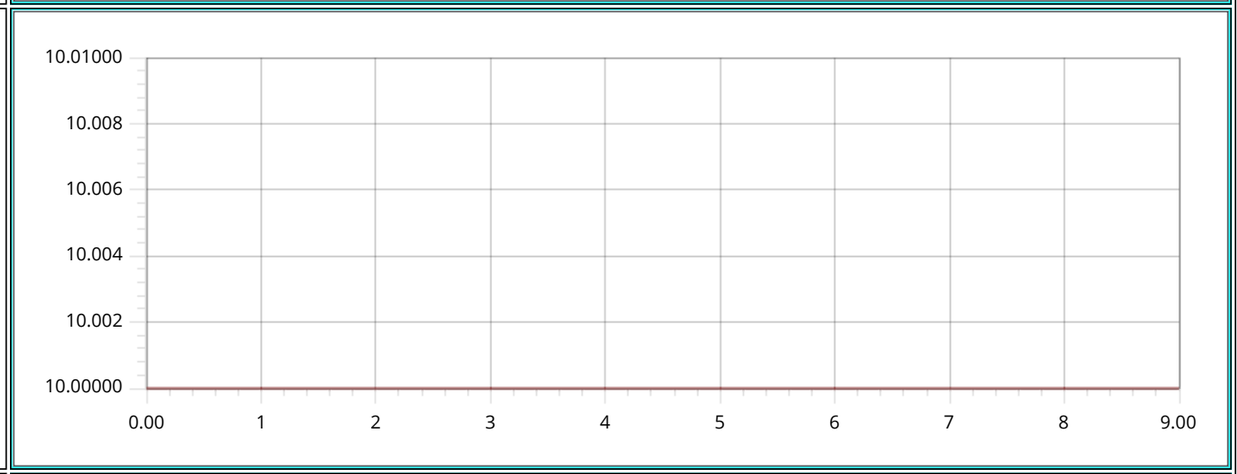
Tripped	
Status:	Done
Register Value:	No Trip
Test Tripped	
Status:	Passed

TIME Tripped	
Status:	Done
Time Tripped before:	000101000000
TIME Tripped	
Status:	Done
Time Tripped after:	000101000012
Time tripped check	
Status:	Passed

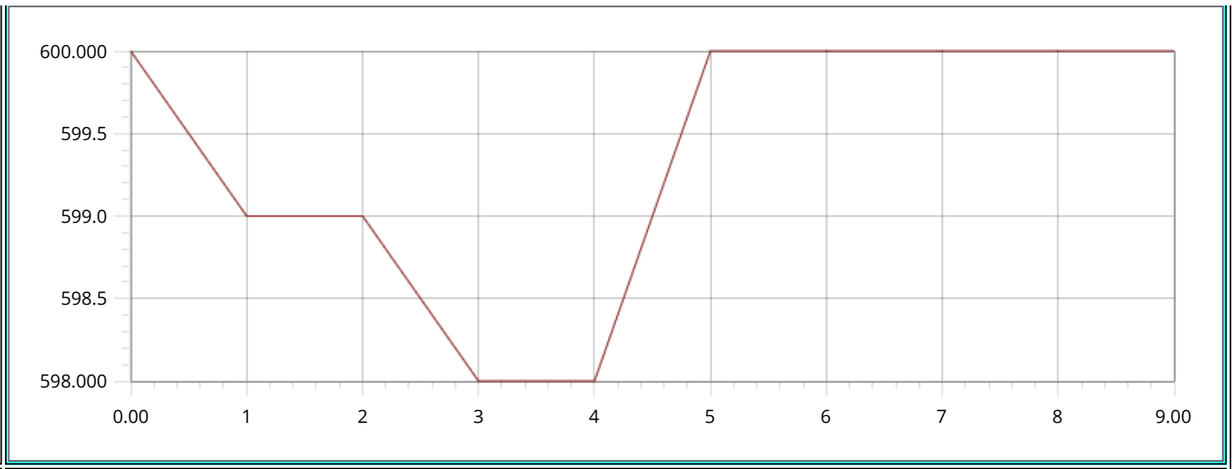
Maneuvre parameters graphs	
Status:	Done
Peak current in mA[0..9]:	
Motor torque in mN-m[0..9]:	



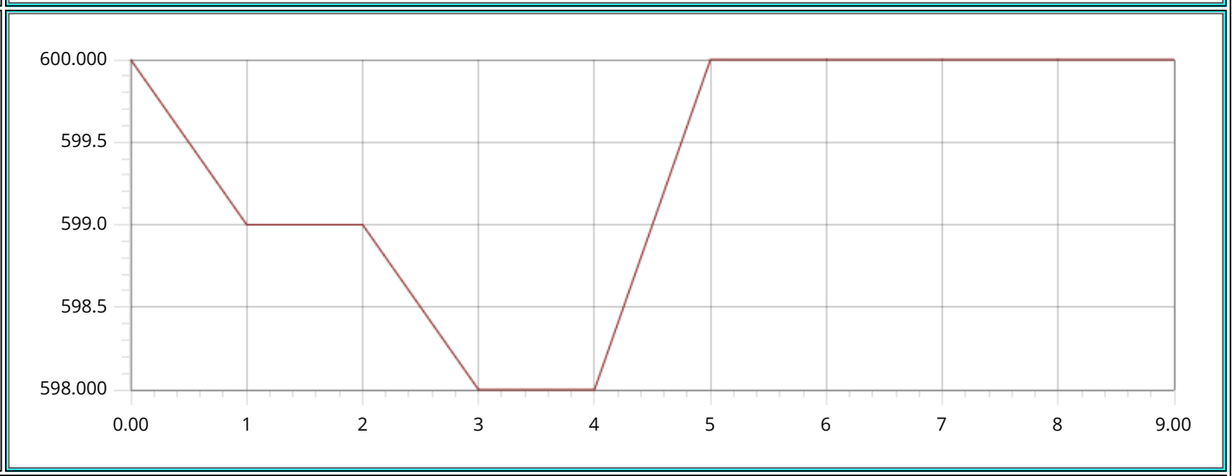
Time to max torque in ms[0..9]:	

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:	0.0027841
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:	0.0015536
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:	232
Total Number of closing maneuvre	
Status:	Done
Register Value:	177
Total Number of maneuver	
Status:	Done
Register Value:	252
Test total number maneuvre	
Status:	Passed
Total Number of closing maneuver	
Status:	Done
Register Value:	187
Test total number closing	
Status:	Passed

Total Number of maneuvre	
Status:	Done
Register Value:	252
Total Number of closing maneuvre	
Status:	Done
Register Value:	187
Total Number of maneuver	
Status:	Done
Register Value:	262
Test total number maneuvre	
Status:	Passed
Measurement:	262
Limits:	
Low:	262
Comparison Type:	EQ (==)
Total Number of closing maneuver	
Status:	Done
Register Value:	197
Test total number closing	
Status:	Passed
Measurement:	197
Limits:	

Low:	197
Comparison Type:	EQ (==)

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-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 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 open
Test Output1	
Status:	Failed
Output 2	
Status:	Done
Register Value:	Lock state
Test output 2	
Status:	Failed
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:	000101000053

TIME Power Fail	
Status:	Done
Time Power Fail after:	000101000840

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:	0.0024018

Meneuvre power fail test	
Status:	Passed

Parallel Call - Read loop power fail	
Status:	Done
Module Time:	0.0018722

Meneuvre power fail test	
Status:	Passed

Meneuvre power fail test	
Status:	Passed

Parallel Call - Read loop power fail	
Status:	Done
Module Time:	0.0050115

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:	2
Pass/Fail Test	
Status:	Passed
Diagnostic register	
Status:	Done
Register Value:	8
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:	ARI LOW VOLTAGE
Product type number ID COMM	
Status:	Done
Register Value:	COMM1_RS485
Product Type MOD	
Status:	Done
Product Type MOD:	ARI_LVÿÿÿÿÿÿÿÿÿ
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
Firmware Upgrade	
Status:	Skipped

End Sequence: MainSequence

End UUT Report