## **UUT Report**

**Station ID: IT-W-7303101** 

Serial Number: NONE

Date: martedì 17 gennaio 2023

Time: 11:36:06
Operator: ITLAVIT1

**Execution Time:** 00:08:55.050

Number of Results: 305 UUT Result: Passed

**Begin Sequence: MainSequence** 

(C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\M4M\PMD-1160.seq)

DUT recap	
Status:	Done
TestResults/Data:	
Serial Number:	L103AB101D
Type Designator:	M4M30SEA
FW Version:	P2.6.14.0
PMD-1160	
Status:	Passed
Module Time:	535.409

**Begin Sequence: PMD-1160** 

(C:\Users\itlavit1\OneDrive - ABB\LabRnD\_Shared\TestStand\Sequences\M4M\PMD-1160.seq)

Debug Init	
Status:	Skipped

Touch - Go Home	
Status:	Passed
Module Time:	31.7668

Begin Sequence: Touch\_GoHome (C:\Users\itlavit1\OneDrive -

ABB\LabRnD\_Shared\TestStand\Sequences\M4M\CommonUtilitySequences.seq)

Pass/Fail - Home Reached	
Status:	Passed

**End Sequence: Touch\_GoHome** 

Touch - Go Realtime	
Status:	Passed

Module Time:	20.9032
Touch - Go Home	
Status:	Passed
Module Time:	40.0979

## Begin Sequence: Touch\_GoHome (C:\Users\itlavit1\OneDrive -ABB\LabRnD\_Shared\TestStand\Sequences\M4M\CommonUtilitySequences.seq)

Pass/Fail - Home Reached	
Status:	Passed

## **End Sequence: Touch\_GoHome**

Touch - Go Power Quality	
Status:	Passed
Module Time:	25.7773

NumLimTest - HMI Frequency	
Status:	Passed
Numeric:	50.03
Limits:	
Low:	45
High:	55
Comparison Type:	GELE(>= <=)
NumLimTest - HMI Currents	
Status:	Passed
Measurements:	
Measurement[0] (Measuremen	t 0):
Limits:	
Low:	1.85
High:	2.15
Comparison Type:	GELE(>= <=)
Data:	1.989
Status:	Passed
Measurement[1] (Measuremen	t 1):
Limits:	
Low:	1.85
High:	2.15
Comparison Type:	GELE(>= <=)
Data:	2.005
Status:	Passed
Measurement[2] (Measuremen	t 2):
Limits:	
Low:	1.85
High:	2.15
Comparison Type:	GELE(>= <=)

Data:	1.983
Status:	Passed
Measurement[3] (Measurement 3):	
Limits:	
Low:	-0.15
High:	0.15
Comparison Type:	GELE(>= <=)
Data:	0.059
Status:	Passed
NumLimTest - HMI PhaseVoltages	
Status:	Passed
Measurements:	
Measurement[0] (Measurement 0):	
Limits:	
Low:	215
High:	245
Comparison Type:	GELE(>= <=)
Data:	229.22
Status:	Passed
Measurement[1] (Measurement 1):	
Limits:	
Low:	215
High:	245
Comparison Type:	GELE(>= <=)
Data:	228.78
Status:	Passed
Measurement[2] (Measurement 2):	
Limits:	
Low:	215
High:	245
Comparison Type:	GELE(>= <=)
Data:	229.79
Status:	Passed
NumLimTest - HMI ActivePowers	rassea
Status:	Passed
Measurements:	. added
Measurement[0] (Measurement 0):	
Limits:	
Low:	915.8073580374
High:	1035.807358037
Comparison Type:	GELE(>= <=)
Data:	968.3
Status:	Passed
Measurement[1] (Measurement 1):	
. Measinglight it involved that have it	
Limits:	265 2601102450
Limits: Low:	265.2691193458
Limits:	265.2691193458 385.2691193458 GELE(>= <=)

Data:	322.22
Status:	Passed
Measurement[2] (Measuremen	nt 2):
Limits:	
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
Data:	323.78
Status:	Passed
Measurement[3] (Measureme	nt 3):
Limits:	
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
Data:	322.29
Status:	Passed
umLimTest - HMI ReactivePowers	
tatus:	Passed
leasurements:	
Measurement[0] (Measureme	nt 0):
Limits:	
Low:	915.8073580374
High:	1035.807358037
Comparison Type:	GELE(>= <=)
Data:	969.9
Status:	Passed
Measurement[1] (Measureme	nt 1):
Limits:	
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
Data:	322.1
Status:	Passed
Measurement[2] (Measureme	nt 2):
Limits:	·
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
Data:	325
Status:	Passed
Measurement[3] (Measurement	
Limits:	···- ~ / ·
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
	322.8
Data:	Passed
Status:	

easurements:	
Measurement[0] (Measureme	nt ())·
Limits:	ne 0).
Low:	1320
High:	1440
Comparison Type:	GELE(>= <=)
Data:	1371
Status:	Passed
Measurement[1] (Measurement	
Limits:	,
Low:	400
High:	520
Comparison Type:	GELE(>= <=)
Data:	456
Status:	Passed
Measurement[2] (Measurement	
Limits:	
Low:	400
High:	520
Comparison Type:	GELE(>= <=)
Data:	458.8
Status:	Passed
Measurement[3] (Measurement	nt 3):
Limits:	400
Low:	400
High:	520
Comparison Type:	GELE(>= <=)
Data:	455.8
Status:	Passed
mLimTest - HMI PowerFactors	Deced
etus:	Passed
asurements:	nt 0):
Measurement[0] (Measurement	iic U);
Limits:	0. FE7106701106F
Low:	
Low: High:	0.8571067811865
Low: High: Comparison Type:	0.8571067811865 GELE(>= <=)
Low: High: Comparison Type: Data:	0.8571067811865 GELE(>= <=) 0.707
Low: High: Comparison Type: Data: Status:	0.707 Passed
Low: High: Comparison Type: Data: Status: Measurement[1] (Measureme	0.8571067811865 GELE(>= <=) 0.707 Passed
Low: High: Comparison Type: Data: Status: Measurement[1] (Measurement)	0.8571067811865 GELE(>= <=) 0.707 Passed nt 1):
Low: High: Comparison Type: Data: Status: Measurement[1] (Measurement Limits: Low:	0.8571067811865  GELE(>= <=)  0.707  Passed  nt 1):  0.5571067811865
Low: High: Comparison Type: Data: Status: Measurement[1] (Measurement Limits: Low: High:	0.8571067811865  GELE(>= <=) 0.707  Passed  nt 1):  0.5571067811865  0.8571067811865
Low: High: Comparison Type: Data: Status: Measurement[1] (Measurement Limits: Low: High: Comparison Type:	0.8571067811865  GELE(>= <=)  0.707  Passed  nt 1):  0.5571067811865  0.8571067811865  GELE(>= <=)
Low: High: Comparison Type: Data: Status: Measurement[1] (Measurement Limits: Low: High:	0.8571067811865  GELE(>= <=) 0.707  Passed  nt 1):  0.5571067811865  0.8571067811865

Low:	0.5571067811865
High:	0.8571067811865
Comparison Type:	GELE(>= <=)
Data:	0.706
Status:	Passed
Measurement[3] (Measuremer	nt 3):
Limits:	
Low:	0.5571067811865
High:	0.8571067811865
Comparison Type:	GELE(>= <=)
Data:	0.707
Status:	Passed
NumLimTest - COMM Frequency	
Status:	Passed
Numeric:	50.03
imits:	
Low:	45
High:	55
Comparison Type:	GELE(>= <=)
NumLimTest - COMM Currents	
Status:	Passed
Measurements:	
Measurement[0] (Measuremer	nt 0):
Limits:	·
Low:	1.85
High:	2.15
Comparison Type:	GELE(>= <=)
Data:	1.99
Status:	Passed
Measurement[1] (Measuremer	
Limits:	<u> </u>
Low:	1.85
High:	2.15
Comparison Type:	GELE(>= <=)
Data:	2.01
Status:	Passed
Measurement[2] (Measuremer	
Limits:	,
Low:	1.85
High:	2.15
Comparison Type:	GELE(>= <=)
Data:	1.98
Status:	Passed
Measurement[3] (Measuremer	
Limits:	
Low:	-0.15
LUVV.	
High:	0.15

Comparison Type:	GELE(>= <=)
Data:	0.06
Status:	Passed
NumLimTest - COMM PhaseVoltages	
Status:	Passed
Measurements:	
Measurement[0] (Measuremer	nt 0):
Limits:	
Low:	215
High:	245
Comparison Type:	GELE(>= <=)
Data:	229.2
Status:	Passed
Measurement[1] (Measuremer	nt 1):
Limits:	
Low:	215
High:	245
Comparison Type:	GELE(>= <=)
Data:	228.8
Status:	Passed
Measurement[2] (Measuremer	nt 2):
Limits:	
Low:	215
High:	245
Comparison Type:	GELE(>= <=)
Data:	229.8
Status:	Passed
NumLimTest - COMM ActivePowers	
Status:	Passed
Measurements:	
Measurement[0] (Measuremer	nt 0):
Limits:	
Low:	915.8073580374
High:	1035.807358037
Comparison Type:	GELE(>= <=)
Data:	968.31
Status:	Passed
Measurement[1] (Measuremer	
Limits:	- ,
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
Data:	322.18
Status:	Passed
Measurement[2] (Measuremen	IL 4).
Limits:	205 2001102150
Low:	265.2691193458
High:	385.2691193458

Comparison Type:	GELE(>= <=)
Data:	323.81
Status:	Passed
Measurement[3] (Measuremer	
Limits:	
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
Data:	322.31
Status:	
NumLimTest - COMM ReactivePower	Passed
Status:	Passed
Measurements:	
Measurement[0] (Measuremer	nt O).
Limits:	
Low:	915.8073580374
High:	1035.807358037
	GELE(>= <=)
Comparison Type:	
Data:	969.86
Status:	Passed
Measurement[1] (Measuremer	nt 1):
Limits:	
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
Data:	322.13
Status:	Passed
Measurement[2] (Measuremer	nt 2):
Limits:	
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
Data:	324.96
Status:	Passed
Measurement[3] (Measuremer	nt 3):
Limits:	
Low:	265.2691193458
High:	385.2691193458
Comparison Type:	GELE(>= <=)
Data:	322.77
Status:	Passed
NumLimTest - COMM ApparentPowe	ers
NumLimTest - COMM ApparentPowe Status:	Passed Passed
Status: Measurements:	Passed
Status:  Measurements:  Measurement[0] (Measuremer	Passed
Status:  Measurements:  Measurement[0] (Measurement Limits:	Passed nt 0):
Status:  Measurements:  Measurement[0] (Measuremer  Limits:  Low:	Passed  nt 0):  1320
Status:  Measurements:  Measurement[0] (Measurement Limits:	Passed nt 0):

Comparison Type:	GELE(>= <=) 1370.51
Data:	
Status:	Passed
Measurement[1] (Measuremen	ι 1):
Limits:	400
Low:	400
High:	520
Comparison Type:	GELE(>= <=)
Data:	455.92
Status:	Passed
Measurement[2] (Measuremen	t 2):
Limits:	
Low:	400
High:	520
Comparison Type:	GELE(>= <=)
Data:	458.82
Status:	Passed
Measurement[3] (Measuremen	t 3):
Limits:	
Low:	400
High:	520
Comparison Type:	GELE(>= <=)
Data:	455.76
Status:	Passed
	Passed
nLimTest - COMM PowerFactors tus:	Passed Passed
mLimTest - COMM PowerFactors itus: asurements:	Passed
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen	Passed
nLimTest - COMM PowerFactors itus: asurements: Measurement[0] (Measuremen Limits:	Passed t 0):
mLimTest - COMM PowerFactors itus: asurements: Measurement[0] (Measuremen Limits: Low:	Passed t 0):  0.5571067811865
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High:	Passed t 0):  0.5571067811865 0.8571067811865
nLimTest - COMM PowerFactors tus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type:	Passed  t 0):  0.5571067811865  0.8571067811865  GELE(>= <=)
mLimTest - COMM PowerFactors tus: asurements: Measurement[0] (Measuremen Limits: Low: High:	Passed  t 0):  0.5571067811865  0.8571067811865  GELE(>= <=)  0.707
nLimTest - COMM PowerFactors tus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type:	Passed  t 0):  0.5571067811865  0.8571067811865  GELE(>= <=)
mLimTest - COMM PowerFactors tus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status:	Passed  t 0):  0.5571067811865  0.8571067811865  GELE(>= <=)  0.707  Passed
mLimTest - COMM PowerFactors tus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status:	Passed  t 0):  0.5571067811865  0.8571067811865  GELE(>= <=)  0.707  Passed  t 1):
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen	Passed  t 0):  0.5571067811865  0.8571067811865  GELE(>= <=)  0.707  Passed  t 1):
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits:	Passed  t 0):  0.5571067811865  0.8571067811865  GELE(>= <=)  0.707  Passed  t 1):  0.5571067811865
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low:	Passed  t 0):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed t 1):  0.5571067811865 0.8571067811865 GELE(>= <=)
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low: High:	Passed  t 0):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed t 1):  0.5571067811865 0.8571067811865
mLimTest - COMM PowerFactors itus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low: High: Comparison Type:	Passed  t 0):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed t 1):  0.5571067811865 0.8571067811865 GELE(>= <=)
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low: High: Comparison Type: Status:	Passed  t 0):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed  t 1):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low: High: Comparison Type: Data:	Passed  t 0):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed  t 1):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low: High: Comparison Type: Status: Measurement[1] (Measuremen Limits: Low: High: Status: Measurement[2] (Measuremen	Passed  t 0):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed  t 1):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Measurement[2] (Measuremen Limits:	Passed  t 0):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed t 1):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed t 2):
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Low: High: Low: Limits: Low: Low: Low: Low: Low: Low: Low: Limits: Low: Low: Low: Limits: Low: Low: Limits: Low: Limits: Low: Limits: Low:	Passed  t 0):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed t 1):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed t 2):  0.5571067811865
mLimTest - COMM PowerFactors atus: asurements: Measurement[0] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[1] (Measuremen Limits: Low: High: Comparison Type: Data: Status: Measurement[2] (Measuremen Limits: Low: High: Limits: Low: High: High: Limits: Limits	Passed  t 0):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed t 1):  0.5571067811865 0.8571067811865 GELE(>= <=) 0.707 Passed t 2):  0.5571067811865 0.8571067811865

Measurement[3] (Measureme	nt 3):
Limits:	
Low:	0.5571067811865
High:	0.8571067811865
Comparison Type:	GELE(>= <=)
Data:	0.707
Status:	Passed
NumLimTest - COMM CurrentQuadr	rants
Status:	Passed
Measurements:	
Measurement[0] (Measureme	nt 0):
Limits:	
Low:	0.85
High:	1.15
Comparison Type:	GELE(>= <=)
Data:	1
Status:	Passed
Measurement[1] (Measureme	nt 1):
Limits:	•
Low:	0.85
High:	1.15
Comparison Type:	GELE(>= <=)
Data:	1
Status:	Passed
Measurement[2] (Measureme	nt 2):
Limits:	,
Low:	0.85
High:	1.15
Comparison Type:	GELE(>= <=)
Data:	1
Status:	Passed
Measurement[3] (Measurement	
Limits:	·· <i>J</i> ·
Low:	0.85
High:	1.15
Comparison Type:	GELE(>= <=)
Data:	1
Status:	Passed
Debug Dispose	rasseu
Status:	Skipped
Jiaius.	Skibben

End Sequence: PMD-1160

**End Sequence: MainSequence** 

## **End UUT Report**