

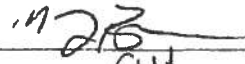
Waters THE SCIENCE OF WHAT'S POSSIBLE.™	Validation Assessment Form
Document #: TE82743-2-20SEP19-VAF	SAP #: TE008274302

VALIDATION ASSESSMENT
For the TE82743-2 RACAL Functional Tester

PREPARED BY

Name	Role	Signature	Date
Luo HuaZhen	Senior Test Engineer		22 OCT 2019

REVIEWED BY

Name	Role	Signature	Date
Matthew Brule	Senior Test Engineer		05-NOV-2019
Chan Yee Hwa	Manufacturing Engineer		30 OCT 2019

APPROVED BY

Name	Role	Signature	Date
Tan Kah Chin	Senior Quality Assurance Manager		07Nov2019

The "Prepared By" signature denotes that this document accurately describes the planned Process Validation activities.

The "Reviewed By" signature[s] denotes agreement with the details of the planned testing and/or deliverables to be performed in order to qualify the TE82743-2 RACAL Functional Tester.

The "Approved By" signature denotes that this document has been reviewed and approved for overall quality and completeness.

Waters THE SCIENCE OF WHAT'S POSSIBLE™	Validation Assessment Form
Document #: TE82743-2-20SEP19-VAF	SAP #: TE008274302

1. PURPOSE

The purpose of the Validation Assessment Form (VAF) is to document the assessment of an engineering change to the released TE82743-2 RACAL Functional Tester (TE82743-2). This document shall also define the deliverable(s) required to maintain the equipment qualification, based on the engineering change. Qualification of the equipment shall ensure that it functions within its specifications.

2. BACKGROUND

RACAL Functional Tester TE82743-2 is a PCB functional tester at Waters Singapore Contract Manufacturing CEI Batam for PCB testing. The test fixture TE82836 is used to test PCB 210000460, 210000456, 210000218, 21000021820 on RACAL Test Station at Waters Singapore Contract Manufacturing Venture Singapore.

This test fixture TE82836 will be transfer from Venture Singapore to CEI Batam and running the test on RACAL Functional Tester TE82743-2. The associated test program will be installed on RACAL Functional Tester TE82743-2 at CEI Batam.

3. DESCRIPTION OF CHANGE

3.1. Transfer of Functional Test Fixture TE82836-2 from Venture Singapore to CEI Batam. The validation is required for this equipment transfer with the associated test program installed on RACAL functional tester TE82743-2.

4. RISK ASSESSMENT

4.1. High Risk Assessment

Please check the appropriate boxes below to determine the high risk assessed qualification or requalification requirements:

4.1.1. Specification	No	Yes
Is the change a test specification value being modified and/or added?	☒	☐

4.1.2. Software/Firmware	No	Yes
Is the change a software modification that affects the way the system controls, and/or measures a test specification and/or PSC result?	☒	☐
Is the change due to firmware downloaded to the UUT by a test system?	☒	☐
Is the change a flash file update?	☒	☐
Is it a change to an existing, or the addition of a new, PCB Test Sequence?	☒	☐

4.1.3. Hardware (Mechanical, Electrical, Pneumatic, Hydraulic, etc.)	No	Yes
Is the change a mechanical, electrical, pneumatic, and/or hydraulic modification that alters the way the system controls, and/or measures a test specification and/or PSC result?	☒	☐

4.1.4. Equipment/Process Moves	No	Yes
Is the change a move of the equipment, test method or process, to a different facility?	☒	☐

4.2. Medium Risk Assessment

Please check the appropriate boxes below to determine the medium risk assessed qualification or requalification requirements:

Waters THE SCIENCE OF WHAT'S POSSIBLE™	Validation Assessment Form
Document #: TE82743-2-20SEP19-VAF	SAP #: TE008274302

4.2.1. Replacement of Non-Identical	No	Yes
Is the change due to a replacement of a system component with a non-identical equivalent?	☒	☐

4.2.2. Computer Related or Replacement of Custom PCBs	No	Yes
Is the change an update to the PC operating system?	☒	☐
Is the change a computer or printed circuit board replacement?	☒	☐

4.2.3. Software/Firmware	No	Yes
Is the change a minor software bug fix or a minor improvement (i.e. a part number add)?	☐	☒
Is the change a test system instrument firmware update (i.e. update to a stack component)?	☒	☐

4.2.4. Equipment/Process Moves	No	Yes
Is the change a move of the equipment, test method or process, within the Milford site?	☒	☐

4.3. This change results in a ~~High~~ ^{Medium} Risk Assessment and the associated requalification requirements, as detailed in Section 6.0. Tan Kah Chin
14 Nov 2019

5. HAZARD ASSESSMENT:

No hazards potentially introduced to the environment, operator, assembler, service technician or end user due to the change. Typo ERROR, the assessment is based on Medium Risk
NO change

6. VERIFICATION, QUALIFICATION AND/OR VALIDATION:

6.1. Equipment Design Verification (EDV)	No	Yes
Based on the Risk Assessment, does an EDV Protocol need to be created or revised due to this change?	☒	☐
Based on the Risk Assessment, does an EDV Protocol need to be executed due to this change? (Justify partial execution in the Comments/Justification section below.)	☒	☐
Comments/Justification This change is a physical move and does not affect the design or control of the system. Tan Kah Chin 14 Nov 2019		

6.2. Installation Qualification (IQ)	No	Yes
Based on the Risk Assessment, does an IQ Protocol need to be executed due to this change? (Justify partial execution in the Comments/Justification section below.)	☒	☐
Comments/Justification This change is to transfer PCM/TCM test fixture TE82836-2 together with test program from Venture RACAL tester TE82743-3 to CEI RACAL tester TE82743-2. The affected part numbers will be tested on TE82743-2 after the change to verify tester functional performance. The Objective Evidence of the test records for the new part numbers for this station shall be provided as Attachments and routed for approval using the Validation Assessment Objective Evidence Routing Sheet provided at the end of this VAF.		

Waters THE SCIENCE OF WHAT'S POSSIBLE.™	Validation Assessment Form
Document #: TE82743-2-20SEP19-VAF	SAP #: TE008274302

6.3. Test Method Validation (TMV)	No	Yes
Based on the Risk Assessment, does a TMV need to be executed due to this change? (Justify partial execution in the Comments/Justification section below.)	☒	☐
Comments/Justification The system does not utilize external measurement equipment and this change does not involve Operator influence.		
6.4. Operational Qualification (OQ)	No	Yes
Based on the Risk Assessment, does an OQ Protocol need to be created or revised due to this change?	☒	☐
Based on the Risk Assessment, does an OQ need to be executed due to this change? (Justify partial execution in the Comments/Justification section below.)	☒	☐
Comments/Justification 100% critical to quality (CTQ) attributes verified.		

6.5. Performance Qualification (PQ)	No	Yes
Based on the Risk Assessment, does a PQ Protocol need to be created or revised due to this change?	☒	☐
Based on the Risk Assessment, does a PQ need to be executed due to this change? (Justify partial execution in the Comments/Justification section below.)	☒	☐
Comments/Justification 100% critical to quality (CTQ) attributes verified.		

6.6. Electromagnetic Interference (EMI) Assessment:

This change only affects test equipment; therefore, there is no impact to product EMI.

7. IMPLEMENTATION ASSESSMENT:

- No existing document in SAP; CEI Batam must create own documents for this fixture by referring the existing documents from Venture Singapore.
- The affected products will be stopped for shipping before this validation complete.
- The test fixture will be transferred from Venture Singapore to CEI Batam and the relevant personnel will be trained after transfer.

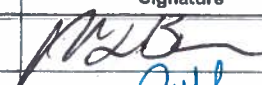
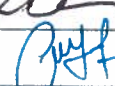
Waters THE SCIENCE OF WHAT'S POSSIBLE.™	Validation Assessment Form
Document #: TE82743-2-20SEP19-VAF	SAP #: TE008274302

VALIDATION ASSESSMENT
OBJECTIVE EVIDENCE COMPLETION
 For the TE82743-2 RACAL Functional Tester

PREPARED BY

Name	Role	Signature	Date
Luo HuaZhen	Senior Test Engineer		08 Nov 2019

REVIEWED BY

Name	Role	Signature	Date
Matthew Brule	Senior Test Engineer		11 Nov 2019
Chan Yee Hwa	Manufacturing Engineer		08 Nov 2019

APPROVED BY

Name	Role	Signature	Date
Tan Kah Chin	Senior Quality Assurance Manager		14.Nov.2019

The "Prepared By" signature denotes that this document accurately describes the planned Process Validation activities.

The "Reviewed By" signature[s] denotes agreement with the details of the planned testing and/or deliverables to be performed in order to qualify the TE82743-2 RACAL Functional Tester.

The "Approved By" signature denotes that this document has been reviewed and approved for overall quality and completeness.

ATTACHMENTS:

Attachment 1: PCB 210000456 Test Record - test program 210000218.seq
 Attachment 2: PCB 210000460 Test Record - Test program 21000021820.seq


 08 Nov 19

Waters Corporation

Board Functional Test System

TE82743-2

TS - UI Ver. 1.0
TS - Model Ver. 1.0

TestStand Sequence Path

E:\Test Applications\210000218\210000218.seq

Board Name

Board Part Number

Test Version Number

PCM Personality Card

210000218

1.0

SELECT UUT

START TEST

STOP TEST

Exit

Test Sequence Stack View

MainSequence - Cleanup (210000218.seq

Test UUTs - Main (WatersSequentialModi

Test Sequence Passed

OK

ReportView

Test Step Name

7/6) Power On

7/6) Power On/Off

7/6) 2 sec delay

7/6) Wait

7/6) Vacuum Off

7/6) Vacuum On/Off

End

{Measurement , Test Type , Limits , Units , Referenced vi

FileGlobals.PowerStatus = False

Action, PS Output Ctrl2.vi

FileGlobals.WaitValue = 2000

Action, TS wait.vi

FileGlobals.VacuumStatus = False

Action, Vacuum Ctrl.vi

Status

Done

Done

Done

Done

Done

Done

Document No.: TE82743-2-20SEP19-VAF
Iteration No.: N/A
Attachment: 1 Page: 1 of 1

[200819001c].txt

UUT Report

Serial Number: 200819001c
Date: 11/7/2019
Time: 10:13:18 AM
Operator: tester
UUT Result: Passed

Fixture ID: Passed
 Fixture ID OK
Fixture Down Detect: Passed
 Fixture Down
Test Power Supplies: Passed
 Test Power: Passed
 Measurement: 5.00768
 Limits:
 Low: 4.75
 High: 5.25
 Comparison Type: GELE (>= <=)
Test Power: Passed
 Measurement: 12.0053
 Limits:
 Low: 11.7
 High: 12.3
 Comparison Type: GELE (>= <=)
Test Power: Passed
 Measurement: 12.0027
 Limits:
 Low: 11.7
 High: 12.3
 Comparison Type: GELE (>= <=)
Test Serial Communications: Passed
 Test Instrument Identification String: Passed
 String: Pump Control Module
 Limits:
 String: Pump Control Module
 Comparison Type: Ignore Case
 Power On Initialization Sequence Complete
wait for UUT to Initialize: Passed
 Initialization Complete
Test Command Monitor Response: Passed

Test Events Out: Passed
 Clear Serial Recieve Buffer: Passed
 Initialize Event Output Relay OPEN: Passed
 poke 0x500006 0x00

Read Event: Passed
 Event Status OK

Close Switch 1 Relay: Passed
 poke 0x500006 0x01

Read Event: Passed
 Event Status OK

Open Switch 1 Relay: Passed
 poke 0x500006 0x00

Read Event: Passed
 Event Status OK

Close Switch 2 Relay: Passed
 poke 0x500006 0x02

Read Event: Passed
 Event Status OK

Open Switch 2 Relay: Passed
 poke 0x500006 0x00

[200819001C].txt

Read Event:	Passed
Event Status OK	
Close Switch 3 Relay:	Passed
poke 0x500006 0x04	
Read Event:	Passed
Event Status OK	
Open Switch 3 Relay:	Passed
poke 0x500006 0x00	
Read Event:	Passed
Event Status OK	
Close Switch 4 Relay:	Passed
poke 0x500006 0x08	
Read Event:	Passed
Event Status OK	
Open Switch 4 Relay:	Passed
poke 0x500006 0x00	
Read Event:	Passed
Event Status OK	
Close Switch 5 Relay:	Passed
poke 0x500006 0x10	
Read Event:	Passed
Event Status OK	
Open Switch 5 Relay:	Passed
poke 0x500006 0x00	
Read Event:	Passed
Event Status OK	
Close Switch 6 Relay:	Passed
poke 0x500006 0x20	
Read Event:	Passed
Event Status OK	
Open Switch 6 Relay:	Passed
poke 0x500006 0x00	
Read Event:	Passed
Event Status OK	
Test Status Inputs:	Passed
Clear Serial Recieve Buffer:	Passed
Read Pump Status:	Passed
String:	00
Limits:	
String:	00
Comparison Type:	Ignore Case
Read Pump Status:	Passed
String:	01
Limits:	
String:	01
Comparison Type:	Ignore Case
Read Pump Status:	Passed
String:	00
Limits:	
String:	00
Comparison Type:	Ignore Case
Read Pump Status:	Passed
String:	02
Limits:	
String:	02
Comparison Type:	Ignore Case
Read Pump Status:	Passed
String:	00
Limits:	

Page 2

Document No.: TE82743-2-20SEP19-VAF
Iteration No.: N/A
Attachment: 1 Page: 3 of 7

	String:	[200819001C].txt
	Comparison Type:	00
Read	Pump Status:	Ignore Case
	String:	Passed
	Limits:	04
	String:	04
	Comparison Type:	Ignore Case
Read	Pump Status:	Passed
	String:	00
	Limits:	00
	String:	00
	Comparison Type:	Ignore Case
Test Pressure Inputs:		Passed
Read	Pressure A:	Passed
	Measurement:	2.4
	Units:	PSI
	Limits:	
	Low:	-10
	High:	10
	Comparison Type:	GELE (>= <=)
Read	Pressure A:	Passed
	Measurement:	2974.4000000000001
	Units:	psi
	Limits:	
	Low:	2850
	High:	3150
	Comparison Type:	GELE (>= <=)
Read	Pressure A:	Passed
	Measurement:	5946.3999999999996
	Units:	psi
	Limits:	
	Low:	5850
	High:	6150
	Comparison Type:	GELE (>= <=)
Read	Pressure B:	Passed
	Measurement:	0
	Units:	PSI
	Limits:	
	Low:	-10
	High:	10
	Comparison Type:	GELE (>= <=)
Read	Pressure B:	Passed
	Measurement:	2973.8000000000002
	Units:	psi
	Limits:	
	Low:	2850
	High:	3150
	Comparison Type:	GELE (>= <=)
Read	Pressure B:	Passed
	Measurement:	5948.8000000000002
	Units:	psi
	Limits:	
	Low:	5850
	High:	6150
	Comparison Type:	GELE (>= <=)
Read	Pressure C:	Passed
	Measurement:	1
	Units:	PSI
	Limits:	
	Low:	-10
	High:	10
	Comparison Type:	GELE (>= <=)
Read	Pressure C:	Passed
	Measurement:	2973.8000000000002
	Units:	psi
	Limits:	
	Low:	2850
	High:	3150

	[200819001C].txt
Comparison Type:	GELE (>= <=)
Read Pressure C:	Passed
Measurement:	5947.3999999999996
Units:	psi
Limits:	
Low:	5850
High:	6150
Comparison Type:	GELE (>= <=)
Test Control Outputs:	Passed
Stop Flow:	Passed
stop	
Stop Method Command Received	
Set Flow A 1ML:	Passed
setflow 1 a	
Measure HZ:	Passed
Measurement:	853.44206
Units:	HZ
Limits:	
Low:	0
Comparison Type:	NE (!=)
Number of Loops:	1
Number of Passes:	1
Number of Failures:	0
Final Loop Index:	1
Measure HZ (Loop Index: 0):	Passed
Measurement:	853.44206
Units:	HZ
Limits:	
Low:	0
Comparison Type:	NE (!=)
Set Flow A 3ML:	Passed
setflow 3 a	
Measure HZ:	Passed
Measurement:	2560.3299999999999
Units:	HZ
Limits:	
Low:	0
Comparison Type:	NE (!=)
Number of Loops:	1
Number of Passes:	1
Number of Failures:	0
Final Loop Index:	1
Measure HZ (Loop Index: 0):	Passed
Measurement:	2560.3299999999999
Units:	HZ
Limits:	
Low:	0
Comparison Type:	NE (!=)
stop Flow:	Passed
stop	
Stop Method Command Received	
Set Flow B 1ML:	Passed
setflow 1 b	
Measure HZ:	Passed
Measurement:	853.44202
Units:	HZ
Limits:	
Low:	0
Comparison Type:	NE (!=)
Number of Loops:	1
Number of Passes:	1
Number of Failures:	0
Final Loop Index:	1

```

[200819001c].txt
Measure HZ (Loop Index: 0): Passed
    Measurement: 853.44202
    Units: HZ
    Limits:
        Low: 0
    Comparison Type: NE (!=)
Set Flow B 3ML: Passed
    setflow 3 b

Measure HZ: Passed
    Measurement: 2560.3235
    Units: HZ
    Limits:
        Low: 0
    Comparison Type: NE (!=)
    Number of Loops: 1
    Number of Passes: 1
    Number of Failures: 0
    Final Loop Index: 1
Measure HZ (Loop Index: 0): Passed
    Measurement: 2560.3235
    Units: HZ
    Limits:
        Low: 0
    Comparison Type: NE (!=)
Stop Flow: Passed
stop
Stop Method Command Received

Set Flow C 1ML: Passed
    setflow 1 c

Measure HZ: Passed
    Measurement: 853.4420300000001
    Units: HZ
    Limits:
        Low: 0
    Comparison Type: NE (!=)
    Number of Loops: 1
    Number of Passes: 1
    Number of Failures: 0
    Final Loop Index: 1
Measure HZ (Loop Index: 0): Passed
    Measurement: 853.4420300000001
    Units: HZ
    Limits:
        Low: 0
    Comparison Type: NE (!=)
Set Flow C 3ML: Passed
    setflow 3 c

Measure HZ: Passed
    Measurement: 2560.3234000000002
    Units: HZ
    Limits:
        Low: 0
    Comparison Type: NE (!=)
    Number of Loops: 1
    Number of Passes: 1
    Number of Failures: 0
    Final Loop Index: 1
Measure HZ (Loop Index: 0): Passed
    Measurement: 2560.3234000000002
    Units: HZ
    Limits:
        Low: 0
    Comparison Type: NE (!=)
Stop Flow: Passed

```

[200819001c].txt

```
stop
Stop Method Command Received

Stop Flow: Passed
stop
Stop Method Command Received

Test Event In: Passed
Inject ON: Passed
    Number of Loops: 1
    Number of Passes: 1
    Number of Failures: 0
    Final Loop Index: 1
Inject ON (Loop Index: 0): Passed
Inject OFF: Passed
    Number of Loops: 1
    Number of Passes: 1
    Number of Failures: 0
    Final Loop Index: 1
Inject OFF (Loop Index: 0): Passed
Stop Flow ON: Passed
    Number of Loops: 1
    Number of Passes: 1
    Number of Failures: 0
    Final Loop Index: 1
Stop Flow ON (Loop Index: 0): Passed
Stop Flow OFF: Passed
    Number of Loops: 1
    Number of Passes: 1
    Number of Failures: 0
    Final Loop Index: 1
Stop Flow OFF (Loop Index: 0): Passed
```

End UUT Report

Document No.: CE82743-2-20SEP19-UPF
Iteration No.: N/A
Attachment: 1 Page: 7 of 7

Waters Corporation Board Functional Test System

TE82743-2

TS - UI Ver. 1.0
TS - Model Ver. 1.0

TestStand Sequence Path

E:\Test Applications\21000021820\21000021820.seq

Board Name

Board Part Number

Test Version Number

TCM Personality Card

21000021820

1.0

SELECT UUT

START TEST

STOP TEST

Exit

Test Sequence Stack View

MainSequence - Cleanup (21000021820)

Test UUTs - Main (WatersSequentialModi

Test Sequence Passed

OK

Report View

Test Step Name

Power On

Power On/Off

2 sec delay

Wait

Vacuum Off

Vacuum On/Off

End

Measurement , Test Type , Limits , Units , Referenced vi

FileGlobals.PowerStatus = False

Action, PS Output Ctrl2.vi

FileGlobals.WaitValue = 2000

Action, TSwitl.vi

FileGlobals.VacuumStatus = False

Action, Vacuum Ctrl1.vi

Status

Done

Done

Done

Done

Done

Done

Document No.: TE82743-2-20SEP14-VAF
Iteration No.: 11/1
Attachment: 2 Page: 1 of 4

[200819002C].txt

UUT Report

Serial Number: 200819002C
Date: 11/6/2019
Time: 1:50:59 PM
Operator: tester
UUT Result: Passed

Fixture ID: Passed
 Fixture ID OK
Fixture Down Detect: Passed
 Fixture Down
Test Power Supplies: Passed
 Test Power: Passed
 Measurement: 5.00768
 Limits:
 Low: 4.75
 High: 5.25
 Comparison Type: GELE (>= <=)
 Test Power: Passed
 Measurement: 12.0053
 Limits:
 Low: 11.7
 High: 12.3
 Comparison Type: GELE (>= <=)
 Test Power: Passed
 Measurement: 12.0027
 Limits:
 Low: 11.7
 High: 12.3
 Comparison Type: GELE (>= <=)
Test Display Volts: Passed
 Measure Volts: Passed
 Measurement: 12.003033
 Limits:
 Low: 11.5
 High: 12.5
 Comparison Type: GELE (>= <=)
 Measure Volts: Passed
 Measurement: 4.9567686
 Limits:
 Low: 4.75
 High: 5.25
 Comparison Type: GELE (>= <=)
Test Serial Communications: Passed
 Test Instrument Identification String: Passed
 String: Temperature Control Module
 Limits:
 String: Temperature Control Module
 Comparison Type: Ignore Case
 Power On Initialization Sequence Complete
Clear Serial Recieve Buffer: Passed
Test Command Monitor Response: Passed

Set TCM Defaults: Passed
 lreset

Set TCM Remote ON: Passed
 remote 1

Clear Serial Recieve Buffer: Passed
Test Heaters Exist: Passed
 Clear Serial Recieve Buffer: Passed
 Heater 1 Present?: Passed
 Heater 2 Present?: Passed
 Heater 3 Present?: Passed

[200819002C].txt

Test Temperature Accuracy: Passed

Clear Serial Recieve Buffer: Passed

Channel 1 Accuracy: Passed

Measurement: 102.076263

Units: degrees Celsius

Limits:

Low: 101

High: 103

Comparison Type: GELE (>= <=)

Channel 2 Accuracy: Passed

Measurement: 101.982849

Units: degrees Celsius

Limits:

Low: 101

High: 103

Comparison Type: GELE (>= <=)

Channel 3 Accuracy: Passed

Measurement: 101.920296

Units: degrees Celsius

Limits:

Low: 101

High: 103

Comparison Type: GELE (>= <=)

Test Temperature Variation: Passed

Temp Variation Test: Passed

Measurement: 0.13

Units: 癬

Limits:

Low: 0.50

Comparison Type: LE (<=)

Test Heater Output: Passed

Set CHM 1 for 0癬: Passed

setchantemp 0 0

Set CHM 2 for 0癬: Passed

setchantemp 1 0

Set CHM 3 for 0癬: Passed

setchantemp 2 0

Show Heater CHM 1: Passed

Set CHM 1 for 125癬: Passed

setchantemp 0 125

Verify Heater 1 On: Passed

Number of Loops: 2

Number of Passes: 2

Number of Failures: 0

Final Loop Index: 2

Heater On

Verify Heater 1 On (Loop Index: 0): Passed

Heater On

Verify Heater 1 On (Loop Index: 1): Passed

Heater On

Show Heater CHM 2: Passed

Set CHM 2 for 125癬: Passed

setchantemp 1 125

Verify Heater 2 On: Passed

Number of Loops: 2

Number of Passes: 2

Number of Failures: 0

Final Loop Index: 2

Heater On

Verify Heater 2 On (Loop Index: 0): Passed

Heater On

Verify Heater 2 On (Loop Index: 1): Passed

Heater On

[200819002C].txt
Show Heater CHM 3: Passed
Set CHM 3 for 125癢: Passed
 setchantemp 2 125

Verify Heater 3 On: Passed
 Number of Loops: 2
 Number of Passes: 2
 Number of Failures: 0
 Final Loop Index: 2
 Heater On
Verify Heater 3 On (Loop Index: 0): Passed
 Heater On
Verify Heater 3 On (Loop Index: 1): Passed
 Heater On
Set CHM 1 for 0癢: Passed
 setchantemp 0 0

Set CHM 2 for 0癢: Passed
 setchantemp 1 0

Set CHM 3 for 0癢: Passed
 setchantemp 2 0

Test IEEE Communications: Passed
IEEE 488 Test: Passed
 Number of Loops: 1
 Number of Passes: 1
 Number of Failures: 0
 Final Loop Index: 1
IEEE 488 Test (Loop Index: 0): Passed

End UUT Report

Document No.: TE82743-2-20SEP19-VA1
Iteration No.: N/A
Attachment: 2 Page: 4 of 4