

# Final Interoperability Test Report

FIT #: **107**  
Date: 22/9/2023  
Location: DNV, Arnhem, Netherlands  
Page 1 of 29

## APPLICANT

Company: EDM1 Ltd.

Address: 47 Yishun Industrial Park A, 768724-Yishun, Singapore

## DEVICE

Device type	<b>Mk7Mi</b>	
<i>Type indication on MID certificate</i>		<i>MID Certificate No.</i>
Mk7Mi		2754-22
<i>IDIS Specification reference</i>	<i>DNV IDIS Certification run No</i>	<i>Digital signature of the test report.</i>
Package 2 ed. 2.0	2206	066D50F7407B46B5F8CB7CBF9F9D603D
<i>First certification</i>	<i>IDIS Label</i>	<i>Modular device</i>
<input checked="" type="checkbox"/>	0101	<input type="checkbox"/>
<i>General information about the device</i>		

## FIRMWARE VERSIONS TESTED

				<i>Final Interoperability Test No. 107</i>
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	\2.R.2- 149222B005	\2.R.2- 159222A005	\BOOT222c	Passed

\_\_\_\_\_  
Honeywell

\_\_\_\_\_  
Iskraemeco d.d.

\_\_\_\_\_  
Itron

\_\_\_\_\_  
Landis+Gyr AG

Fit #107

Device: EDMI Mk7Mi

DNV-GL, Arnhem, Netherlands, 22.09.2023

Page 2 of 29

FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	\2.R.2- 149222B005	\2.R.2- 159222A005	\BOOT222c	107	Passed

<b>TEST REPORT - Firmware No. 1</b>		
<i>Test</i>	<i>Verdict</i>	<i>Remark</i>
Connect and release	Passed	
All Device IDs	Passed	
COSEM logical device name	Passed	
SAP assignment	Passed	
FW version and signature	Passed	
All Device ID's	Passed	
Broadcast Date and time	Passed	
Broadcast Special Days Table	Passed	
Event logs	Passed	
Billing data period 1	Passed	
M-Bus Channel Setup	Not Tested	
M-Bus Results	Not Tested	
M-Bus Devices IDs	Not Tested	
M-Bus profiles	Not Tested	
M-Bus Load profiles	Not Tested	
M-Bus control logs	Not Tested	
M-Bus Disconnect log	Not Tested	
FIT Push	Passed	Push on Power Down not available
FIT Miscellaneous	Passed	FIT Wake Up not supported
Optical Port Connectivity	Passed	
Consumer Information Interface	Passed	
<b>FIT Conformance Test Report</b>		
<pre> ***** IDIS Conformance test report 19-SEP-2023 10:10:33 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels *****  ***** * Identification * *****  Manufacturer = {   Name = '\EDMI Ltd.'   ThreeLettersId = '\EDM' } DeviceUnderTest = {   Type = '\Mk7Mi'   IDISDeviceType = 102   IDISFunctionType = [EXTENSION_D]   SerialNr = 35230861   IPVersion = IPV4   DataLinkLayer = GPRS   ConsumerInformationPush = FALSE   SMSSupported = FALSE   ClipCallSupported = FALSE }  Active firmware identifier (1-0:0.2.0.255) = \2.R.2-149222B005 Active firmware identifier 1 (1-1:0.2.0.255) = \2.R.2-159222A005 </pre>		

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Active firmware identifier 2 (1-2:0.2.0.255) = \BOOT222c

*****
* Summary *
*****

PASSED              70
FAILED              0
DISABLED            0
INAPPLICABLE       205
INCONCLUSIVE        0
FATAL               0
TOTAL               275

*****
Test Case 1 : Connect and release, 4 item(s)
*****
(1) Connect Public           PASSED
(2) Release Public           PASSED
(3) Connect Management       PASSED
(4) Release Management       PASSED

*****
Test Case 2 : Read Device IDs, 12 item(s)
*****

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)
(1) .logical_name           PASSED
    <Data>
      <OctetString Value="0000600100FF" />
    </Data>
(2) .value                   PASSED
    <Data>
      <OctetString Value="\43035230861" />
    </Data>

Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)
(3) .logical_name           PASSED
    <Data>
      <OctetString Value="0000600101FF" />
    </Data>
(4) .value                   PASSED
    <Data>
      <OctetString Value="\12345678" />
    </Data>

Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)
(5) .logical_name           PASSED
    <Data>
      <OctetString Value="0000600102FF" />
    </Data>
(6) .value                   PASSED
    <Data>
      <OctetString Value="\3" />
    </Data>

Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)
(7) .logical_name           PASSED
    <Data>
      <OctetString Value="0000600103FF" />
    </Data>
(8) .value                   PASSED
    <Data>
      <OctetString Value="\4" />
    </Data>

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)
(9) .logical_name           PASSED
    <Data>
      <OctetString Value="0000600104FF" />
    </Data>
(10) .value                  PASSED
    <Data>

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        <OctetString Value="\5" />
    </Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)
(11) .logical_name PASSED
    <Data>
        <OctetString Value="0000600105FF" />
    </Data>
(12) .value PASSED
    <Data>
        <OctetString Value="" />
    </Data>

*****
Test Case 3 : Read COSEM Logical Device Name, 2 item(s)
*****

Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="00002A0000FF" />
    </Data>
(2) .value PASSED
    <Data>
        <OctetString Value="\EDM1020135230861" />
    </Data>

*****
Test Case 4 : Read SAP Assignment, 2 item(s)
*****

Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="0000290000FF" />
    </Data>
(2) .SAP_assignment_list PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0001" />
                <OctetString Value="\EDM1020135230861" />
            </Structure>
        </Array>
    </Data>

*****
Test Case 5 : Read Active FW Version, 12 item(s)
*****

Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="0100000200FF" />
    </Data>
(2) .value PASSED
    <Data>
        <OctetString Value="\2.R.2-149222B005" />
    </Data>

Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)
(3) .logical_name PASSED
    <Data>
        <OctetString Value="0100000208FF" />
    </Data>
(4) .value PASSED
    <Data>
        <OctetString
Value="1977C6A4C69DF73C357CB1E47CE2E621F00717CA7D8F7B95BD01902ADBEE30322802393517C73030FF546A
F6B96DB5CA6DBA14DBD26AAF1819FB4168275518CE" />
    </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)

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(5) .logical_name	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="0101000200FF" /&gt; &lt;/Data&gt; </pre>	
(6) .value	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="\2.R.2-159222A005" /&gt; &lt;/Data&gt; </pre>	
Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)	
(7) .logical_name	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="0101000208FF" /&gt; &lt;/Data&gt; </pre>	
(8) .value	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="2B196A49FC0DE0EAFFFFB894A3F3E21AF4608F489A2ABBAB012C6FC82A8FEE4B980C1B980D981ED5150B433 88D2473BEF2D0A8735CFA0804A936EDC3599C88521" /&gt; &lt;/Data&gt; </pre>	
Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)	
(9) .logical_name	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="0102000200FF" /&gt; &lt;/Data&gt; </pre>	
(10) .value	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="\BOOT222c" /&gt; &lt;/Data&gt; </pre>	
Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)	
(11) .logical_name	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="0102000208FF" /&gt; &lt;/Data&gt; </pre>	
(12) .value	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="59C86B2DF2A04E6E24149F82B81E632AFE0D8A726505E80A0E7E22D6647758EDCE935143B94E340B79C8DA C095EC5015B789039248C09FB2AA516E3FB2850262" /&gt; &lt;/Data&gt; </pre>	
<pre> ***** Test Case 6 : Set Clock, 1 item(s) ***** </pre>	
Pre Set Clock 0-0:1.0.0.255 (@75)	
(1) .time	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="07E70913FF120000FF8000FF" /&gt; &lt;/Data&gt; </pre>	
<pre> ***** Test Case 7 : Get Clock, 1 item(s) ***** </pre>	
Mngmt Get Clock 0-0:1.0.0.255 (@75)	
(1) .time	PASSED
<pre> &lt;Data&gt;   &lt;OctetString Value="07E709130212000000FF8880" /&gt; &lt;/Data&gt; </pre>	
<pre> ***** Test Case 8 : Set Special Days, 1 item(s) ***** </pre>	
Pre Set Special Days Table 0-0:11.0.0.255 (@125)	
(1) .entries	PASSED
<pre> &lt;Data&gt;   &lt;Array Qty="001E" &gt;     &lt;Structure Qty="0003" &gt;       &lt;LongUnsigned Value="001E" /&gt; </pre>	

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    <OctetString Value="FFFF0101FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001D" />
    <OctetString Value="FFFF0102FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001C" />
    <OctetString Value="FFFF0103FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001B" />
    <OctetString Value="FFFF0104FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001A" />
    <OctetString Value="FFFF0105FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0019" />
    <OctetString Value="FFFF0106FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0018" />
    <OctetString Value="FFFF0107FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0017" />
    <OctetString Value="FFFF0108FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0016" />
    <OctetString Value="FFFF0109FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0015" />
    <OctetString Value="FFFF010AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0014" />
    <OctetString Value="FFFF0201FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0013" />
    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0012" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>

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<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0004" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0003" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0002" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />

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        <Unsigned Value="02" />
    </Structure>
</Array>
</Data>

*****
Test Case 9 : Get Special Days, 1 item(s)
*****

Mngmt Get Special Days Table 0-0:11.0.0.255 (@125)
(1) .entries
    <Data>
        <Array Qty="001E" >
            <Structure Qty="0003" >
                <LongUnsigned Value="001E" />
                <OctetString Value="FFFF0101FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="001D" />
                <OctetString Value="FFFF0102FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="001C" />
                <OctetString Value="FFFF0103FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="001B" />
                <OctetString Value="FFFF0104FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="001A" />
                <OctetString Value="FFFF0105FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0019" />
                <OctetString Value="FFFF0106FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0018" />
                <OctetString Value="FFFF0107FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0017" />
                <OctetString Value="FFFF0108FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0016" />
                <OctetString Value="FFFF0109FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0015" />
                <OctetString Value="FFFF010AFF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0014" />
                <OctetString Value="FFFF0201FF" />
                <Unsigned Value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned Value="0013" />
                <OctetString Value="FFFF0202FF" />
                <Unsigned Value="02" />
            </Structure>
        </Array>
    </Data>

```

PASSED

```

<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0011" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0010" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0004" />
  <OctetString Value="FFFF0307FF" />

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        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0003" />
        <OctetString Value="FFFF0308FF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0002" />
        <OctetString Value="FFFF0309FF" />
        <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF030AFF" />
        <Unsigned Value="02" />
    </Structure>
</Array>
</Data>

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*****
Test Case 10 : Read Event Log Buffers, 20 item(s)
*****

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Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="0000636202FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 19-SEP-2023 09:10:00, latest date: 19-SEP-2023 10:08:05
    Middle date: 19-SEP-2023 09:40:00
(3) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000007" />
    </Data>
(4) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000096" />
    </Data>

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)
(5) .logical_name PASSED
    <Data>
        <OctetString Value="0000636200FF" />
    </Data>
(6) .buffer PASSED
    Earliest date: 19-SEP-2023 09:10:00, latest date: 19-SEP-2023 18:00:15
    Middle date: 19-SEP-2023 10:03:36
(7) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000A" />
    </Data>
(8) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000096" />
    </Data>

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)
(9) .logical_name PASSED
    <Data>
        <OctetString Value="0000636201FF" />
    </Data>
(10) .buffer PASSED
    Earliest date: 19-SEP-2023 09:10:00, latest date: 19-SEP-2023 09:50:00
    Middle date: 19-SEP-2023 09:30:00
(11) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>
(12) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000096" />
    </Data>

```

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    </Data>

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)
(13) .logical_name PASSED
    <Data>
        <OctetString Value="0000636205FF" />
    </Data>
(14) .buffer PASSED
    Earliest date: 19-SEP-2023 09:10:00, latest date: 19-SEP-2023 10:07:38
    Middle date: 19-SEP-2023 10:04:19
(15) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000A" />
    </Data>
(16) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000096" />
    </Data>

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(17) .logical_name PASSED
    <Data>
        <OctetString Value="0000636204FF" />
    </Data>
(18) .buffer PASSED
    Earliest date: 19-SEP-2023 09:10:00, latest date: 19-SEP-2023 10:03:42
    Middle date: 19-SEP-2023 09:40:00
(19) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000006" />
    </Data>
(20) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000096" />
    </Data>

*****
Test Case 11 : Reading Data of Billing Period 1, 8 item(s)
*****

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)
(1) .logical_name PASSED
    <Data>
        <OctetString Value="0000620100FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 01-APR-2023 00:00:00, latest date: 01-AUG-2023 00:00:00
    Middle date: 01-JUN-2023 00:00:00
(3) .capture_objects PASSED
    <Data>
        <Array Qty="0005" >
            <Structure Qty="0004" >
                <LongUnsigned Value="0008" />
                <OctetString Value="0000010000FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100010801FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100010802FF" />
                <Integer Value="02" />
                <LongUnsigned Value="0000" />
            </Structure>
            <Structure Qty="0004" >
                <LongUnsigned Value="0003" />
                <OctetString Value="0100020801FF" />
                <Integer Value="02" />
            </Structure>
        </Array>
    </Data>

```

```

        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020802FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    </Array>
</Data>
(4) .capture_period PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(5) .sort_method PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(6) .sort_object PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(7) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned Value="00000005" />
    </Data>
(8) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned Value="00000012" />
    </Data>

*****
Test Case 12 : Ext. M - M-Bus Setup LGZ G350, 52 item(s)
*****

Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566)
(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .comm_speed
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570)
(3) .logical_name
INAPPLICABLE
    Optional object is not implemented
(4) .comm_speed
INAPPLICABLE
    Optional object is not implemented

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574)
(5) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(6) .mbus_port_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(7) .capture_definition
INAPPLICABLE
    Object is not required according to OM and/or extensions
(8) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(9) .primary_address
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

(10) .identification_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(11) .manufacturer_id
INAPPLICABLE
    Object is not required according to OM and/or extensions
(12) .version
INAPPLICABLE
    Object is not required according to OM and/or extensions
(13) .device_type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(14) .access_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(15) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(16) .alarm
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596)
(17) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .mbus_port_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .capture_definition
INAPPLICABLE
    Object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(21) .primary_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(22) .identification_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(23) .manufacturer_id
INAPPLICABLE
    Object is not required according to OM and/or extensions
(24) .version
INAPPLICABLE
    Object is not required according to OM and/or extensions
(25) .device_type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(26) .access_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(27) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(28) .alarm
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)
(29) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(30) .mbus_port_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(31) .capture_definition
INAPPLICABLE
    Object is not required according to OM and/or extensions
(32) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

(33) .primary_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(34) .identification_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(35) .manufacturer_id
INAPPLICABLE
    Object is not required according to OM and/or extensions
(36) .version
INAPPLICABLE
    Object is not required according to OM and/or extensions
(37) .device_type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(38) .access_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(39) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(40) .alarm
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)
(41) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(42) .mbus_port_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(43) .capture_definition
INAPPLICABLE
    Object is not required according to OM and/or extensions
(44) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(45) .primary_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(46) .identification_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(47) .manufacturer_id
INAPPLICABLE
    Object is not required according to OM and/or extensions
(48) .version
INAPPLICABLE
    Object is not required according to OM and/or extensions
(49) .device_type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(50) .access_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(51) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(52) .alarm
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

*****
Test Case 13 : Ext. M - M-Bus Results uncorrected Vol. & valve, 40 item(s)
*****

```

```

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)
(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .value
INAPPLICABLE

```

```

    Object is not required according to OM and/or extensions
(3) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions
(4) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(5) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)
(6) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(7) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions
(8) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions
(9) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(10) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)
(11) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(12) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions
(13) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions
(14) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(15) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)
(16) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(17) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(20) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)
(21) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(22) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions
(23) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions

```



```

(24) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(25) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)
(26) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(27) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions
(28) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions
(29) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(30) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
(31) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(32) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions
(33) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions
(34) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(35) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)
(36) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(37) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions
(38) .scaler_unit
INAPPLICABLE
    Object is not required according to OM and/or extensions
(39) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(40) .capture_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

*****
Test Case 14 : Ext. M - M-Bus Device IDs, 16 item(s)
*****

Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)
(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(3) .logical_name
INAPPLICABLE

```

```

    Object is not required according to OM and/or extensions
(4) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(5) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(6) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)
(7) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(8) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)
(9) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(10) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)
(11) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(12) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)
(13) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(14) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)
(15) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(16) .value
INAPPLICABLE
    Object is not required according to OM and/or extensions

*****
Test Case 15 : Ext. M - M-Bus Load Profiles, 32 item(s)
*****

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)
(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(4) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(5) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

(6) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(7) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(8) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)
(9) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(10) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(11) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(12) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(13) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(14) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(15) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(16) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)
(17) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(21) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(22) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(23) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(24) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)
(25) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(26) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(27) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

(28) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(29) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(30) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(31) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(32) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

*****
Test Case 16 : Ext. M - M-Bus Control Logs, 40 item(s)
*****

```

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)

```

(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(4) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(5) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(6) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(7) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(8) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)

```

(9) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(10) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(11) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(12) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(13) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(14) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(15) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(16) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)

```

(17) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(21) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(22) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(23) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(24) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)
(25) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(26) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(27) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(28) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(29) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(30) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(31) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions
(32) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)
(33) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(34) .buffer
INAPPLICABLE
    Object is not required according to OM and/or extensions
(35) .capture_objects
INAPPLICABLE
    Object is not required according to OM and/or extensions
(36) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(37) .sort_method
INAPPLICABLE
    Object is not required according to OM and/or extensions
(38) .sort_object
INAPPLICABLE
    Object is not required according to OM and/or extensions
(39) .entries_in_use
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

(40) .profile_entries
INAPPLICABLE
    Object is not required according to OM and/or extensions

*****
Test Case 17 : Ext. M - M-Bus Disconnect, 22 item(s)
*****

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .output_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(3) .control_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(4) .control_mode
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)
(5) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(6) .output_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(7) .control_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(8) .control_mode
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(9) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(10) .output_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(11) .control_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(12) .control_mode
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(13) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(14) .output_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(15) .control_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(16) .control_mode
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)
(17) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .executed_script
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .type
INAPPLICABLE

```

```

        Object is not required according to OM and/or extensions
    (20) .execution_time
INAPPLICABLE
        Object is not required according to OM and/or extensions

    Mngmt Get M-Bus Disconnecter script table 0-1:10.0.106.255 (@1920)
    (21) .logical_name
INAPPLICABLE
        Object is not required according to OM and/or extensions
    (22) .scripts
INAPPLICABLE
        Object is not required according to OM and/or extensions

*****
Test Case 18 : FIT Wake up, 2 item(s)
*****
    (1) Wake up with clip call from unknown number
INAPPLICABLE
        Clip call not supported
    (2) Wake up with SMS from unknown number
INAPPLICABLE
        SMS not supported

*****
Test Case 19 : FIT Push, 3 item(s)
*****
    (1) Push on installation                                     PASSED
    (2) Push on alarm                                           PASSED
    (3) Push on power down
INAPPLICABLE
        Push setup on power down not available

*****
Test Case 20 : FIT Miscellaneous, 4 item(s)
*****
    (1) Disconnecter Script Table                               PASSED
    (2) Load profile with period 1 DST ambiguity                PASSED
    (3) Load profile power down withing one period             PASSED
    (4) Load profile power down over two periods                PASSED

*****
* CTI *
*****

// Conformance Test Information (CTI) Template
// 1.6

Manufacturer = {
    Name = '\EDMI Ltd.'
    ThreeLettersId = '\EDM'
}

DeviceUnderTest = {
    Type = '\Mk7Mi'
    IDISDeviceType = 102
    IDISFunctionType = [Extension_D]
    SerialNr = 35230861
    IPVersion = IPv4
    DataLinkLayer = GPRS
    ConsumerInformationPush = FALSE
    SMSSupported = FALSE
    ClipCallSupported = FALSE
}

TestOptions =
{
}

ObjectModel = {
    // Optional objects implemented
    OptionalObjects = '\
        + '1-0:0.9.1.255|1,' // Local Time (@86)
        + '1-0:0.9.2.255|1,' // Local Date (@90)
    
```

```

+ '1-1:0.2.0.255|1,' // Active firmware identifier 1 (@420)
+ '1-1:0.2.8.255|1,' // Active firmware signature 1 (@424)
+ '1-2:0.2.0.255|1,' // Active firmware identifier 2 (@428)
+ '1-2:0.2.8.255|1,' // Active firmware signature 2 (@432)
+ '1-0:9.8.0.255|3,' // Apparent energy import (+VA) (QI+QIV) (@497)
+ '1-0:10.8.0.255|3,' // Apparent energy export (-VA) (QII+QIII) (@503)
+ '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@606)
+ '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@612)
+ '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@618)
+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@624)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@630)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@636)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@642)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@648)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@654)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@660)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@666)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@672)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@678)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@684)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@690)
+ '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (@696)
+ '1-0:9.8.1.255|3,' // Apparent energy import (+VA) rate 1 (@702)
+ '1-0:9.8.2.255|3,' // Apparent energy import (+VA) rate 2 (@708)
+ '1-0:9.8.3.255|3,' // Apparent energy import (+VA) rate 3 (@714)
+ '1-0:9.8.4.255|3,' // Apparent energy import (+VA) rate 4 (@720)
+ '1-0:10.8.1.255|3,' // Apparent energy export (-VA) rate 1 (@726)
+ '1-0:10.8.2.255|3,' // Apparent energy export (-VA) rate 2 (@732)
+ '1-0:10.8.3.255|3,' // Apparent energy export (-VA) rate 3 (@738)
+ '1-0:10.8.4.255|3,' // Apparent energy export (-VA) rate 4 (@744)
+ '1-0:15.8.1.255|3,' // Active energy Combined total (|+A|+|-A|) rate 1 (@750)
+ '1-0:15.8.2.255|3,' // Active energy Combined total (|+A|+|-A|) rate 2 (@756)
+ '1-0:15.8.3.255|3,' // Active energy Combined total (|+A|+|-A|) rate 3 (@762)
+ '1-0:15.8.4.255|3,' // Active energy Combined total (|+A|+|-A|) rate 4 (@768)
+ '1-0:9.4.0.255|5,' // Demand Register 5 - Apparent energy import (+VA) (@827)
+ '1-0:10.4.0.255|5,' // Demand Register 6 - Apparent energy export (-VA) (@840)
+ '1-0:9.6.0.255|4,' // Maximum Demand Register 21 - Apparent energy import (+VA) (@1061)
+ '1-0:9.6.1.255|4,' // Maximum Demand Register 22 - Apparent energy import (+VA) - rate
1 (@1069)
+ '1-0:9.6.2.255|4,' // Maximum Demand Register 23 - Apparent energy import (+VA) - rate
2 (@1077)
+ '1-0:9.6.3.255|4,' // Maximum Demand Register 24 - Apparent energy import (+VA) - rate
3 (@1085)
+ '1-0:9.6.4.255|4,' // Maximum Demand Register 25 - Apparent energy import (+VA) - rate
4 (@1093)
+ '1-0:10.6.0.255|4,' // Maximum Demand Register 26 - Apparent energy export (-VA)
(@1101)
+ '1-0:10.6.1.255|4,' // Maximum Demand Register 27 - Apparent energy export (-VA) - rate
1 (@1109)
+ '1-0:10.6.2.255|4,' // Maximum Demand Register 28 - Apparent energy export (-VA) - rate
2 (@1117)
+ '1-0:10.6.3.255|4,' // Maximum Demand Register 29 - Apparent energy export (-VA) - rate
3 (@1125)
+ '1-0:10.6.4.255|4,' // Maximum Demand Register 30 - Apparent energy export (-VA) - rate
4 (@1133)
+ '1-0:14.7.0.255|3,' // Instantaneous net frequency; any phase (@1450)
+ '1-0:9.7.0.255|3,' // Instantaneous apparent import power (+VA) (@1486)
+ '1-0:10.7.0.255|3,' // Instantaneous apparent export power (-VA) (@1492)
+ '1-0:13.7.0.255|3,' // Instantaneous Power factor (+A/+VA) (@1537)
+ '1-0:13.5.0.255|4,' // Last Average Power factor (+A/+VA) (@1543)
+ '1-0:13.3.0.255|4,' // Minimum Power factor (+A/+VA) (@1551)
+ '1-0:0.8.2.255|3,' // Measurement Period 3 for Instantaneous values (@1559)
+ '0-0:20.0.0.255|19' // IEC local port setup - IEC Optical port (@2001)

InstanceExtraInfo = {
  LogicalName = '0-0:20.0.0.255'
  ClassId = 19
  AttributeExtraInfo = {
    AttributeId = 7
    SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
  }
  AttributeExtraInfo = {
    AttributeId = 8

```



```

        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
    AttributeExtraInfo = {
        AttributeId = 9
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
}

// Set value for Consumer Message Text
InstanceExtraInfo = {
    LogicalName = '0-0:96.13.0.255'
    ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:1.0.0.255'
    ClassId = 8
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="07E70913FF120000FF8000FF" /></Data>' // yyyy mm
dd dow hh mm ss
    }
}

InstanceExtraInfo = {
    // Set special days to 30 entries
    LogicalName = '0-0:11.0.0.255'
    ClassId = 11
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data>'
+       <Array Qty="1E" >'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="001E" />'
+           <OctetString Value="FFFF0101FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="001D" />'
+           <OctetString Value="FFFF0102FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="001C" />'
+           <OctetString Value="FFFF0103FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="001B" />'
+           <OctetString Value="FFFF0104FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="001A" />'
+           <OctetString Value="FFFF0105FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0019" />'
+           <OctetString Value="FFFF0106FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0018" />'
+           <OctetString Value="FFFF0107FF" />'
+           <Unsigned Value="02" />'
+       </Structure>'
+       <Structure Qty="03" >'
+           <LongUnsigned Value="0017" />'

```

```

+'      <OctetString Value="FFFF0108FF" />'
+'      <Unsigned Value="02" />'
+'    </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0016" />'
+'    <OctetString Value="FFFF0109FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0015" />'
+'    <OctetString Value="FFFF010AFF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0014" />'
+'    <OctetString Value="FFFF0201FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0013" />'
+'    <OctetString Value="FFFF0202FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0012" />'
+'    <OctetString Value="FFFF0203FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0011" />'
+'    <OctetString Value="FFFF0204FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0010" />'
+'    <OctetString Value="FFFF0205FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="000F" />'
+'    <OctetString Value="FFFF0206FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="000E" />'
+'    <OctetString Value="FFFF0207FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="000D" />'
+'    <OctetString Value="FFFF0208FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="000C" />'
+'    <OctetString Value="FFFF0209FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="000B" />'
+'    <OctetString Value="FFFF020AFF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="000A" />'
+'    <OctetString Value="FFFF0301FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'
+'  <Structure Qty="03" >'
+'    <LongUnsigned Value="0009" />'
+'    <OctetString Value="FFFF0302FF" />'
+'    <Unsigned Value="02" />'
+'  </Structure>'

```

```

+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0008" />'
+'        <OctetString Value="FFFF0303FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0007" />'
+'        <OctetString Value="FFFF0304FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0006" />'
+'        <OctetString Value="FFFF0305FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0005" />'
+'        <OctetString Value="FFFF0306FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0004" />'
+'        <OctetString Value="FFFF0307FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0003" />'
+'        <OctetString Value="FFFF0308FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0002" />'
+'        <OctetString Value="FFFF0309FF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned Value="0001" />'
+'        <OctetString Value="FFFF030AFF" />'
+'        <Unsigned Value="02" />'
+'      </Structure>'
+'    </Array>'
+'  </Data>'
+'}
}

TestParameters = {

  ConnectDisconnectDelay = 5000
  ClientSystemTitle = '58585A0102030405'

  ImageTransfer = {
    ImageIdentifier = '\2.R.2-149222B005'
    ImageFileName = '\2.R.2-149222B005.bin'
    Timeout = 120000
  }

  PushTimeout = 60000
  MinInterWPDUFramesDelay = 1000
  ProfilePeriodsQty = 6
  CaptureDelay = 15000
  ClipCallDuration = 20000

  AutoConnect = {
    Repetitions = 0
    RepetitionDelay = 0
  }

  PushSetup = {
    NumberOfRetries = 1
    RepetitionDelay = 30
  }
}

```

```

WakeUpDelay = 30000
DisconnectToSendSMSDelay = 10000
DataNotificationToDisconnectDelay = 4000
}

LocalSecurityElements = {
  Public = {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }
  Management = {
    ContextName = LONG_NAMES_WITH_CIPHERING
    MechanismName = HIGH_LEVEL_SECURITY_GMAC
    Policy = AUTHENTICATION_AND_ENCRYPTION
    Password = '\12345678'
  }
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 1224
    CipheringStyle = GENERAL
  }
}

RemoteSecurityElements = {
  Public = {
    ContextName = LONG_NAMES
    MechanismName = LOWEST_LEVEL_SECURITY
    Policy = NO_SECURITY
  }
  Management = {
    ContextName = LONG_NAMES_WITH_CIPHERING
    MechanismName = HIGH_LEVEL_SECURITY_GMAC
    Policy = AUTHENTICATION_AND_ENCRYPTION
    Password = '\12345678'
  }
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 1224
    CipheringStyle = GENERAL
  }
}

SMSSecurityElements = {
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePDUSize = 138
    CipheringStyle = GENERAL
  }
}

HDLCPProfile = {
  PhysicalLayer = {
    OpeningMode = MODE_E
    HdlcBaud = 9600
  }
  DataLinkLayer = {
    InactivityTimeout = 30000
    InterFrameTimeout = 150
    ResponseTimeout = 30000
    DISCToNDMTimeout = 5000
    AddressingSchemes = [TWO_BYTES_ADDRESSING]
    ServerLowerMACAddress = 17
  }
}

// Mandatory parameters of the 'Remote' TCP Profile
TCPProfile = {
  ServerTCPPort = 4059
  ResponseTimeout = 60000
  ConnectTimeout = 60000
}

```

```
    DisconnectToConnectDelay = 10000
}

G3PLCProfile = {
    ResponseTimeout = 30000
    ConnectTimeout = 10000
    UDPPort = 61616
    PSK = "AB10341145111BC3C12DE8FF11142204"
}

// END CTI_Template

*****
* Miscellaneous *
*****

TestMode:                TCP
Test Plan Signature:     DACF66B3C5D3456427BD1C6419F470BD
Object Model:           IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29 (20200831)-FIT MBUS
Tests G350 (CorrectedAndValve status).xlsx
DUT system title:       45444D661219948D
Run number:             2206
```