

**Standard Operating Procedure  
for  
Consumer eUICC Profile Functional Tests  
using UL CPT Tool**

## Version Control

Document Name	Version	Date
Consumer eUICC Profile functional Test using UL CPT Tool	v1.2	30-May-2022

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## Revision History

Issue	Date	Reason for change
1	11-Apr-2021	First issue
1.1	03-Mar-2022	Minor changes applied
1.2	30-May-2022	Minor changes applied – accommodating both live & SGP.26 cert samples usage

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## Introduction

This document contains the procedure for conducting the eUICC functional tests using UL Mobile Card Platform Tester tool.

### Functional tests to be validated.

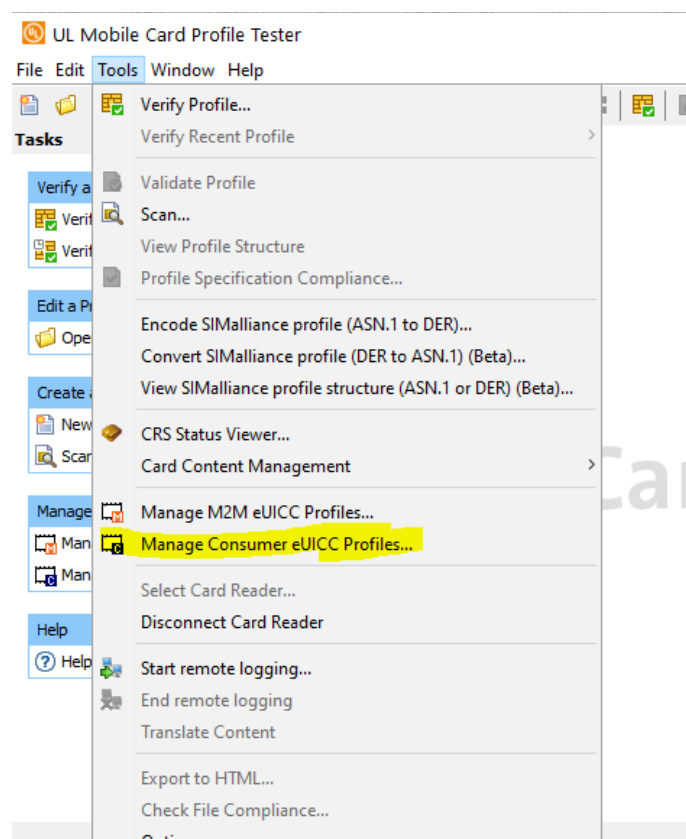
The following functional tests will be performed during the validation process:

1. Download Profile from asn1 file and directly from Server (SM-DP+).
2. Enable profile.
3. Disable Profile.
4. Delete Profile.

## Test procedure for the functional test using UL Mobile Card Profile Tester

This section explains the process to conduct the functional tests on a Consumer eUICC card.

1. Open UL Mobile Card Profile Tester
2. Select Manage Consumer eUICC Profile Manager from Tools menu or from quick access menus.



## Download Profile

### 1. Load a profile from file (asn1 or der)

Pre-requisite for the above test – Consumer eUICC card with SGP.26 test certificate and fully personalized asn1 or der file.

Step 1: Open the Manage Consumer eUICC Profile Manager and select “**Create New Configuration file**” from Configuration menu.

**Select the options as per the below image added. “SGP.26 certificate” in case the SGP.26 certificate loaded removable eUICCs are in use for the tests.**

Create eUICC config file

Create SM-DP+ Simulation File

► ECDSA Keys & Certificates

Specify Config File

CI Certificate

CERT.CI.ECDSA Path:

☒ Use SGP.26 Certificates ☒ NIST ☐ Brainpool

SM-DP+ Keys Certificates

Authentication

CERT.DPauth.ECDSA Path:

SK.DPauth.ECDSA Path:

☒ Use SGP.26 Certificates/Keys ☒ NIST ☐ Brainpool

Profile Binding

CERT.DPpb.ECDSA Path:

SK.DPpb.ECDSA Path:

☒ Use SGP.26 Certificates/Keys ☒ NIST ☐ Brainpool

Previous Next Cancel

Step 2: Select **“Load Profile from file”** option from Procedures Menu and select asn1 or der profile which needs to be downloaded. If the profile structure is valid the header info will be fetched

Load eUICC Profile

► Profile Load Parameters

Confirm

Profile Load Result

Profile Parameters

Profile File

ICCID

Note: ICCID should be provided in non-swapped format as per per ITU E.118: "89..."

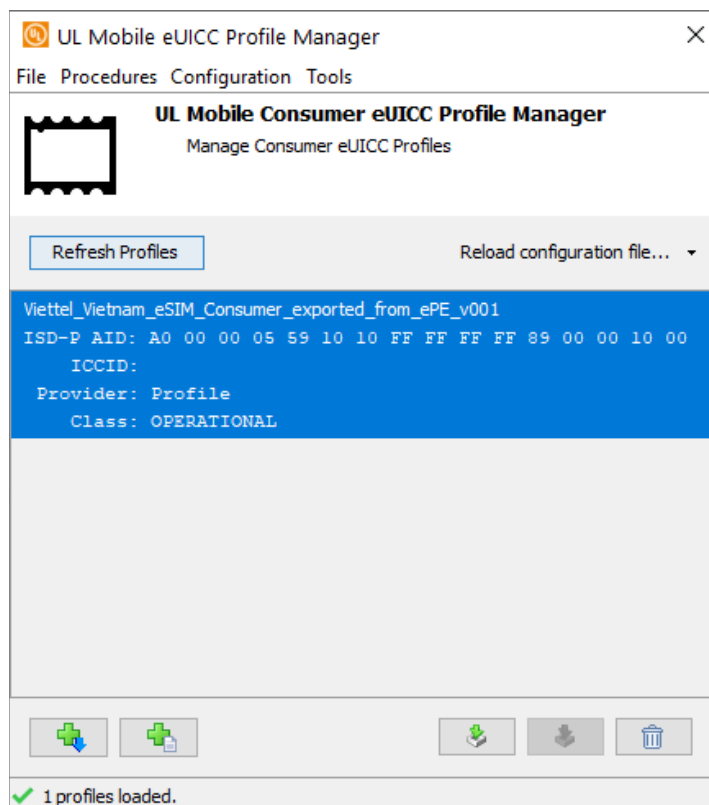
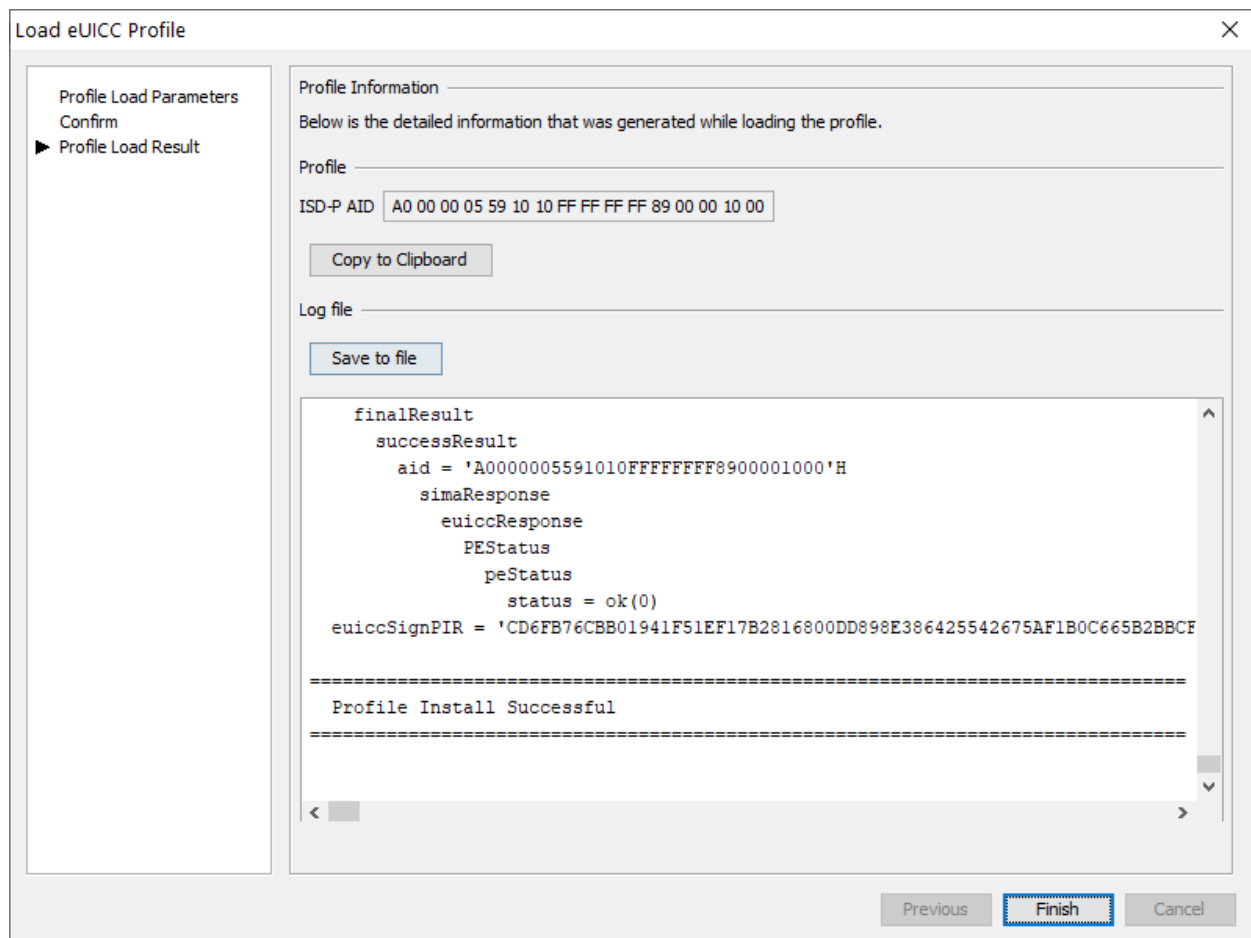
Profile Metadata ☒ Set Using Directory and File Name ☐ User Specified

Service Provider

Profile Name

Previous Next Cancel

Step 3: Click Next and Confirm to Load the selected profile to the card. The below image shows the successful profile loading logs and ISD-P AID information.

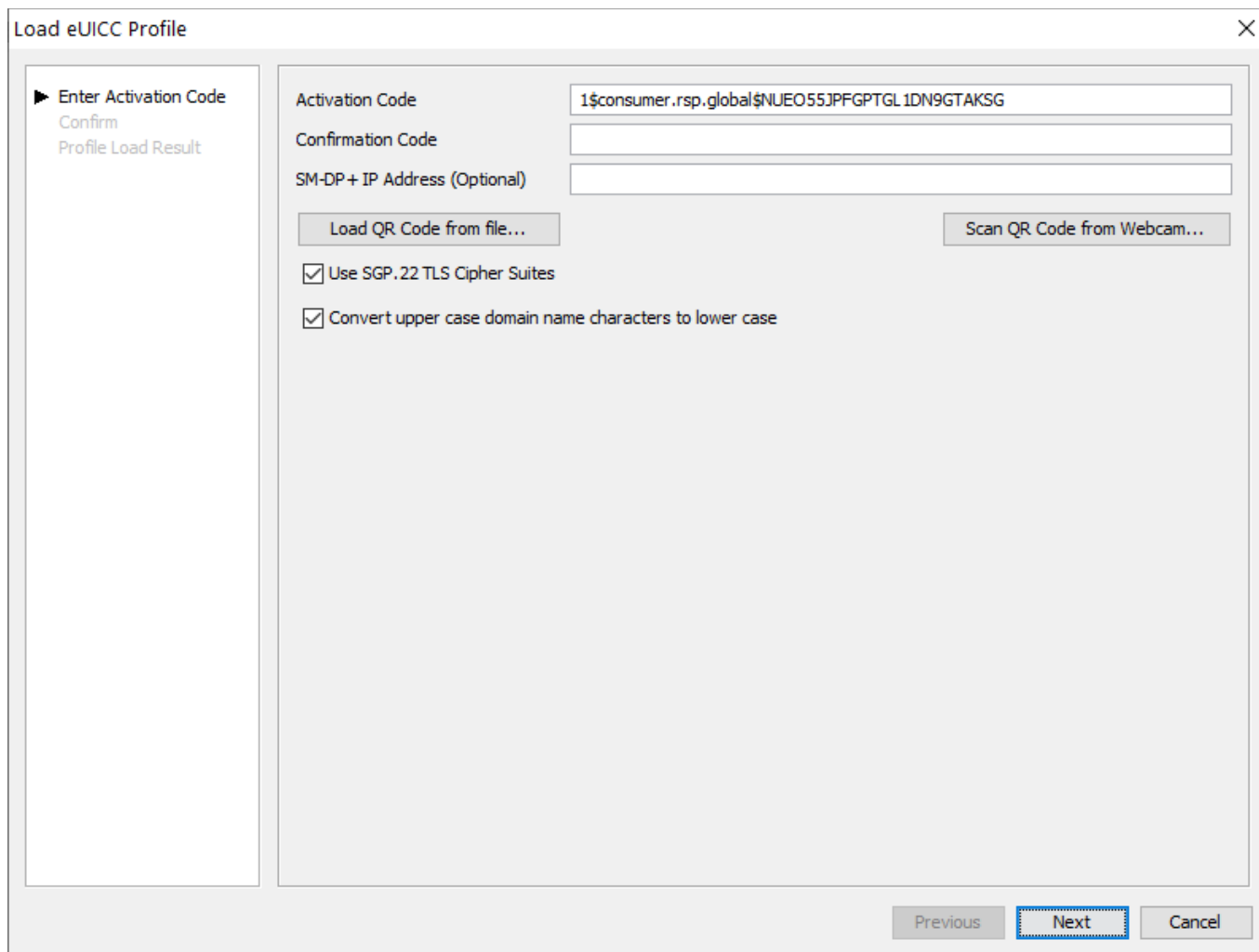


## 2. Load a Profile from Server (for Live certificate loaded removable eUICC card)

Pre-requisite for the above test – Consumer eUICC card with Live GSMA certificate and test profiles provisioned in the SM-DP+ platform.

Step 1: Open the Manage Consumer eUICC Profile Manager and Select “**Load Profile from Server**” option from Procedures Menu.

Step 2: Input Activation Code and Click Next and Confirm.

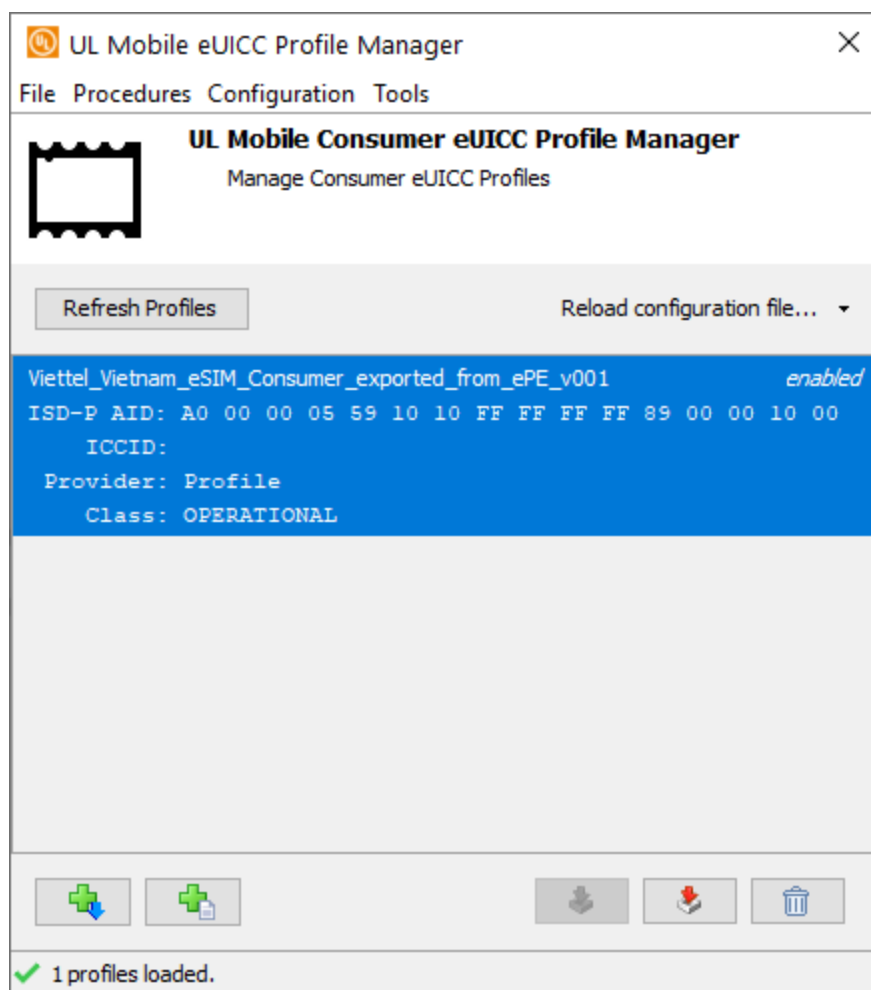


Step 3: All the required notification will be sent to the Platform.

## Enable Profile

1. Select the Operational Profile which needs to be enabled.
2. Click on Enable Profile.
3. Once the operation is completed, ‘**enabled**’ status will be displayed on the operational profile.
4. In case of Live card, necessary notification will be sent to the platform.





## Disable Profile

1. Select the Operational Profile which needs to be disabled.
2. Click on Disable Profile.
3. Once the operation is completed, '**enabled**' status will be removed from the operational profile which has been disabled.
4. In case of Live card, necessary notification will be sent to the platform.

## Delete Profile

1. Select the Operational Profile which needs to be deleted.
2. Click on Delete Profile.
3. Once the operation is completed, the ISD-P of the operational profile will no longer be visible in the profiles list.
4. In case of Live card, necessary notification will be sent to the platform.

TITLE	SOP_Consumer_eUICC_Functional_Tests_using_UL_CPT_Tool_v1.2
FILE NAME	SOP_Consumer_eUIC...CPT_Tool_v1.2.pdf
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## Document history



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