

April 7, 2022

This document is to certify that I have received verification from representatives of all members of the Tizen TSG that the following representative model is compliant with the Tizen TV Certification Specification. I have also received copies of the documentation stating the same.

TV devices based on the same chipset in the given model with an identical software bill of materials for the implementation of Tizen TV APIs are also certified by this document, with the list of models to be provided by Samsung Electronics on a quarterly basis.

Device Description (Name/Model, OS version)	Tizen Smart Reference TV 21NVTRef4K_001 (Kant-SU2E)
Device Type (TV, Set-top box, etc.)	Smart Reference TV
Tizen Platform Version	6.0

Verified by:

- Samsung Electronics:
  - Mr. Jonghyuk Choi, Chair of TV Workgroup, Tizen Technical Steering Group

The documents as submitted to me are attached as exhibits, with the detailed test results in a zip files named:

- “Tizen 6.0 Compliance Tests\_ReferenceTV\_Kant-SU2E  
result\_0626.10\_Web\_21NVTRef4K\_001.zip” with sha256  
ad64f5a97ca4210ee218a138338b4539a97e8caf055bf2c4d278625688e7c5fd
- “Tizen 6.0 Compliance Tests\_ReferenceTV\_Kant-SU2E  
result\_0626.10\_CSharp\_21NVTRef4K\_001.zip” with sha256  
86b632e978a690d192c0d2d6a33368ca53144c0f15fa496c48700027277838d7



**Brian Warner**

The Linux Foundation

## Certification Request Form: Tizen 6.0 TV Profile

### 1) Requestor Information

Company Name	Samsung Electronics Co., Ltd. (Visual Display Division)
Department	R&D Innovation Group
Job Function (Engineer, Marketing, etc.)	Engineer
Full Name	Manufacturer (JaeUk Kwon, jaeuk.kwon@samsung.com) Web/C#-TCT (Dohee Kim, dohee12.kim@samsung.com)
E-mail Address	<a href="mailto:dohee12.kim@samsung.com">dohee12.kim@samsung.com</a>
Phone Number	+82-10-9187-1857
Request Date	Apr 4th, 2022(KST)
Device Description (Name/Model, OS version)	Tizen Smart Reference TV 21NVTRef4K_001(Kant-SU2E)/Tizen 6.0
Device Type (TV, Set-top box, etc.)	TV
Tizen Platform Version	6.0

Requestor personal information will never be published. It is only used in case there are further questions about the submission.

### 2) TCT result submission checklist

Please check for each item that has been completed.

Note that the web/C# TCT MUST pass 100% for the Tizen TV Profile.

Type of TCT	TCT Requirement	Check if complete
Web	1. Submitted Web TCT test results	YES
	2. Submitted Web TCT behavior test results	
C#	3. Submitted C# TCT test results	YES
	4. Submitted C# TCT behavior test results	

### 3) Compliance requirement checklist

Please check for each item that has been completed.

The below items MUST be supported on your device and marked as complete to be accepted.

The “TCS Section” column indicates the section number of the requirement in the Tizen 6.0 Compliance Specification for TV Profile.

TCS Section	TCS Requirement	Check if complete
2.9.2	If a browser is provided (optional), the device includes pointer support.	YES
2.12.1	The device includes navigation keys which send <b>DOM</b> <code>ArrowDown</code> , <code>ArrowLeft</code> , <code>ArrowRight</code> and <code>ArrowUp</code> key events.	YES
	The device includes an Enter key which sends a <b>DOM</b> <code>Enter</code> key event.	YES
	The device includes a back key which sends a <code>tizenhwkey</code> event with <code>keyName == back</code> .	YES
2.13	The device follows the Linux standard security model,	YES
	The device follows Smack-based access control and process isolation.	YES
	The device meets the Tizen privileged information requirement.	YES
2.15	<p>If the device is able to connect to the SDK through USB (optional) and it supports following tools, then write <b>SDK YES</b></p> <ul style="list-style-type: none"> <li>• Smart Development Bridge</li> <li>• Log View</li> </ul> <p>If the device is not intended to connect to the SDK, write <b>SDK NO</b></p>	SDK YES
3.1.1	The device has at least 512MB of RAM.	YES
	The device has at least 2GB of permanent memory.	YES
	The device allows access to files in the shared media folder.	YES
3.1.2	The device has an audio output.	YES
3.1.3	The device includes internet network accessibility.	YES
3.1.4	Native screen resolution: Width x Height (e.g. 1920x1080)	YES (3840x2160)

#### 4) Derived model list

Please find derived model list below

The model list and specification was described at the partner portal

- Partner portal : [https://www.tizenpartner.com/Certification/Certified\\_Model\\_List#H2\\_3](https://www.tizenpartner.com/Certification/Certified_Model_List#H2_3)
- Derived model list

Company	Model name	Model ID
ATMACA	T-21KTSU2EATMDEUC	21_ATMACA_UHD_LIC
HKC	T-21KTSU2EHKCDEUC	21_HKC_UHD_LIC
TEMPO	T-21KTSU2ETPOUABC	21_TEMPO_UHD_LIC

# **Samsung Kant-SU2E**

## **TV (reference platform) Derivatives**

**Tizen 6.0**

### **Base Model (certified 2022-04-07)**

21NVTRef4K\_001 (Reference model)

### **2022 Models**

- T-21KTSU2EATMDEUC (ATMACA)
- T-21KTSU2EHKCDEUC (HKC)
- T-21KTSU2ETPOUABC (TEMPO)