**Manual QA Task**

**№ 1**

Samsung AA59



***Smoke*** *– Check if the remote looks like a remote*

Check that all main buttons are working (volume, switch on/off, channel switching etc.)

***Functional testing*** – Press all the buttons, and check that each corresponds to the given function

***Re- testing*** – (The volume button '+' is lowered the sound, the volume button '-' is raised the sound)

Bug is fixed - the volume button '+' is raised the sound, the volume button '-' is lowered the sound

***Regression* -** Check that the button '↑' is switched the channel forward, and the button '↓' is switched the channel back. (This function may have been affected by fixing a bug with the '+' and '-' buttons)

***Performance testing*** - Drop the remote, sit on the remote, hit the remote

***Load testing*** - Stand on the remote control, jump on the remote control

***Stress testing*** - Drop the remote control from a great height, hit the remote with a hammer

***Security testing***- Check the remote control has no sharp ends, no not polished parts, and well fixed

Check the battery cover is securely batteries

Check the remote control is suitable only for TVs of the Samsung brand

***Usability testing***- Check that all buttons have a convenient location

Check that 'The Braille font' is present and easy to use for a blind person

***Compatibility testing***- Check the remote can interact with other Samsung TV models.

***UI testing***- Check that all buttons have their own color

Check that all buttons have aligned and understandable text, the same fonts

Check the remote has an even coating of paint

Check the remote control is made according to the design

***Positive testing*** – Click on the buttons, try to switch channels

***Negative testing*** – Take out the batteries, try switching channels

Try switching channels on another TV (for example LG)

Try to remove the buttons from the remote control

***Manual testing*** - Click on the remote control, look at the external characteristics, and check the functionality of the remote control manually

***Automated testing*** - Use the special machine to assess that the remote control is functionality working

***Localization testing -*** Check that the instructions for the remote control in Ukrainian do not contain grammatical errors

***Unit testing*** - Check that the sensors of the remote control are working

Check that the buttons on the remote control are soft and comfortable

***Integration testing*** - Check that the sensors are combined with the buttons in the remote

***System testing*** - Check that all parts in the remote control work harmoniously like the system and work as expected

***Acceptance testing*** – Check that the remote control meets all functional and non-functional requirements

***Alpha testing*** – Give the remote to your colleagues and ask them to use it

***Beta testing*** - Gather a group of the company's customers and let them use the remote control

№2

Samsung AA59

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| **ID** | **SUMMARY** | **STEPS TO REPRODUCE** | **EXPECTED RESULT** | **TEST RESULT** |
| 1 | Check if the buttons have the print | 1. Take the remote control  2. Make sure that each button has its own print | Each button has its own print | UNTESTED |
| 2 | Check if the buttons on the remote control are working | 1. Take the remote control  2. Connect with the Samsung TV  3. Press the button  4. Make sure that each button performs its function | Every button works properly | UNTESTED |
| 3 | Check if the buttons are located according to the mockup | 1. Take the remote control  2. Make sure that each button is in its place | The buttons are located in the right places | UNTESTED |
| 4 | Check if the remote control interacts with other Samsung TV models | 1. Take the remote control  2. Try switching on another model of TV (e.g. SAMSUNG PS51F5000AW)  3. Make sure that the remote control interacts with other Samsung TV models. | The remote control can interact with other Samsung TV models | UNTESTED |
| 5 | Check if the buttons match the color of the mockup | 1. Take the remote control  2. Make sure that each button corresponds to its own color | Each button has its own color according to the mockup | UNTESTED |
| 6 | Check if the remote control can`t work from a distance of more than 8 meters | 1. Take the remote control  2. Go to a distance of more than 8 meters (e.g. 10 meters).  3. Make sure that the remote control can`t work | The remote control works properly from a distance of fewer than 8 meters | UNTESTED |
| 7 | Check if the remote control can’t work without batteries­­­ | 1. Remove the battery cover 2. Remove the 'AAA' batteries 3. Point the remote control at the Samsung TV 4. Click the ‘Turn On’ button | The remote control can’t work without batteries­­­ | UNTESTED |
| 8 | Check if the remote control is compatible with the 'AAA' batteries | 1. Remove the battery cover 2. Insert the 'AAA' batteries 3. Close the battery cover | The remote control is compatible with the 'AAA' batteries | UNTESTED |
| 9 | Check if the Braille font (text for the blind) is located on the remote control | 1. Take the remote control 2. Verify that Braille is on the remote control 3. Verify that Braille is readable to the touch | The Braille font (text for the blind) is located on the remote control | UNTESTED |