



Date: Jan 11, 2023

CBSD device Security

To Whom It May Concern

We attest the following regarding 47CFR §96.39 Citizens Broadband Radio Service Device (CBSD) general requirements.

The information within this section of the Operational Description is to show compliance against the Device Security Requirements laid out within 47CFR 96.39(g) Device Security.

The information below describes how we maintain the overall security measures and systems so that only:

1. Authenticated software is loaded and operating on the device
2. The device is not easily modified to operate with RF parameters outside of the authorization

Part 96 Device (End User) Security Description FCC ID: A3LSMA546V

47CFR 96.39(g) Device Security

No	Requirements Description	Applicant Description
1	All CBSDs and End User Devices must contain security features sufficient to protect against modification of software and firmware by unauthorized parties.	Radio frequency parameters are embedded at the time of production in the factory. These parameters are therefore fixed at the factory such that they will not exceed the authorized values. Samsung proprietary hardware platform and software tool chain including boot-loader are not available to 3rd parties. And signature of binary will be checked when flashed, so any new firmware by 3rd party cannot be flashed on the device.
2	Applications for certification of CBSDs and End User Devices must include an operational description of the technologies and measures that are incorporated in the device to comply with the security requirements of this section.	The End User has its own unique user ID stored in nonvolatile memory that cannot be modified by 3rd parties or any end users. The channels will be assigned to end user device from CBSD after user ID/SAS is verified from the authenticated CBSD to make call connections.
3	In addition, applications for certification of CBSDs and End User Devices must identify at least one of the SAS databases operated by an approved SAS Administrator that the device will access for channel/frequency availability and affirm that the device will conform to the communications security methods used by such databases.	This EUD device has no connection to the SAS, only to the CBSD. The operating frequency and power of the EUD is controlled by the CBSD as described above.