

## AC6993 MODEM SOFTWARE RELEASE HISTORY

### General

AC6993 modem software handles the remote CATVisor / HMS communication. It is not involved in forward and return path level measurements, which are handled by AC6993 tuner software.

Minimum recommended AC6993 modem software version: 2.2.1

Software update is done via a fully powered amplifier / node running software which supports AC6993 using the following methods:

- **Local update:** CATVisor Commander 2.9 or later, service port connection to amplifier / node with USB cable. Typical update time 2 min.  
File: *AC6993\_plugin\_appl\_modem\_x.x.x.srec*
- **CATVisor mode remote update:** CATVisor Commander or SmartLoader or broadcast update with SmartLoader. Typical unicast update time 4 min.  
File: *AC6993\_plugin\_appl\_modem\_x.x.x.srec*
- **HMS mode remote update:** With SCTE-HMS-DOWNLOAD-MIB (SCTE 38-8 2002 / HMS063) compatible download tool. Typical update time 4 min.  
File: *AC6993\_plugin\_appl\_modem\_x.x.x\_HMS-download.srec*

**When the software update has been completed, please wait for the connection to be re-established or “Application updating” alarm to disappear before turning off the power, resetting or unplugging AC6993.**

This can take up to 5 minutes depending on platform. Failure to obey this can cause AC6993 to lose its remote communication, and a local software update is needed to fix this.

With CATVisor SmartLoader please make sure that “Send reset after successful update” is not selected, as this can cause the problem described above.

## LATEST VERSION

**Version 2.2.1, released 10.10.2022 – Major bug fix**

### Compatibility

Compatible with all AC6993 hardware versions.

### Fixes

- Fixed: AC6993 can in some rare cases go to state where it loses remote communication and outputs spurious signals at  $1.31 * \text{ModemTx frequency}$ . If return path pilot generator is enabled, it also outputs  $1.31 * \text{programmed frequencies}$ . Software reset fixes this issue. (Shout 44025)

## OLDER VERSIONS

**Version 2.2.0, released 17.12.2021 – First customer release**