

# Weatherscan 3.01 Patch Release Notes



## Patch Overview

The Weather Channel Weatherscan 3.01 Patch replaces downloadable microcode for the client SBE serial card of all Weatherscan Local and Weatherscan Radar units. This will correct the problems detailed in these release notes. The problems corrected by this patch were first reproduced in The Weather Channel Quality Assurance Lab, and then each correction was verified and subsequently retested in the same lab environment. The patch will be deployed by transmitting the patch to all Weatherscan Local and Weatherscan Radar units in the field via satellite.

### Document Purpose

This document describes the items which the Weatherscan 3.01 Patch corrects for

the Weatherscan Local and Weatherscan Radar units. Each item in the patch is described in terms of what the home viewer would see on a television screen at the time the problem occurs.

### Scope

The information in this document applies to all Weatherscan Local and Weatherscan Radar units only. Corrections to any other unit types are not addressed in this document.

**Note:** This patch corrects only these specific problems and does not necessarily correct all known deficiencies.

### Items Corrected:

<i>Video Freeze Due to SBE Card Lock</i>	2
<i>Loss of Radar Due to SBE Driver Lock</i>	2

## Test Environment Description

The Weatherscan 3.01 patch was tested in The Weather Channel Quality Assurance Lab which is configured as follows:

### Satellite Receivers

Standard Agile Omni Professional Channel 13  
Frequency 6500—Medium  
Drake Earth Station Receiver (ESR 1255) Channel 13  
Frequency 3.960

### Video Cipher

Wegener VideoCipherII Plus (model 2900)

### Video Distribution Amplifier

Lenco PFM-300 (with PVA-350 cards)

### Commercial Insertion Equipment

Channelmatic, Inc. Spotmatic Jr.  
Channelmatic, Inc. Moneymaker

## Solution Center

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# Items Corrected in the Weatherscan 3.01 Patch

## Video Freeze Due to SBE Card Lock

What You Used to See . . .	What You See Now . . .
Video freeze. The problem is due to the fact that various conditions cause the SBE card to lock up which causes Deframer (software that processes text weather messages) to restart and the video to reset.	The video displays correctly on Weatherscan Local and Weatherscan Radar units previously affected by this problem.

## Loss of Radar Due to SBE Driver Lock

What You Used to See . . .	What You See Now . . .
Radar does not display. The problem is due to the fact that various conditions cause the SBE driver to produce output with missing data.	The radar displays correctly on Weatherscan Local and Weatherscan Radar units previously affected by this problem.