

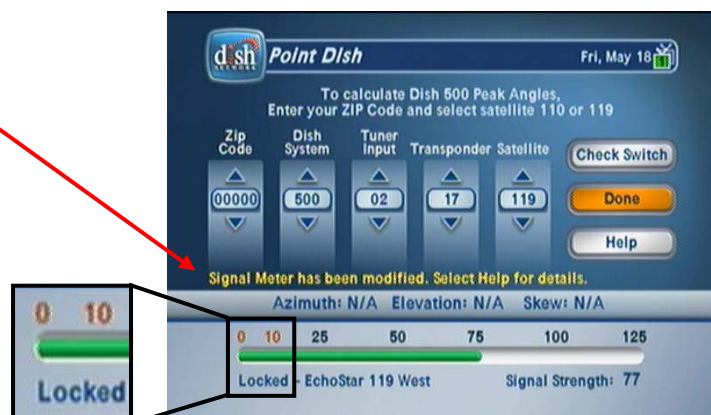
TECHNICAL INFORMATION BULLETIN

Subject: Signal Strength Meter Improvements on Point Dish Screen

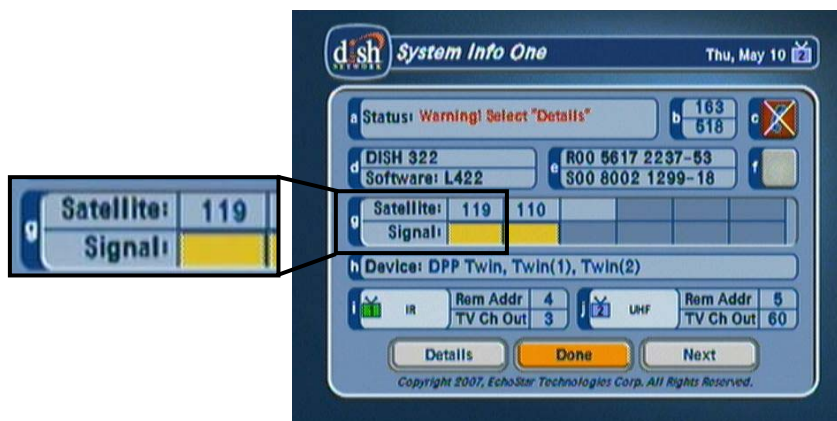
Products Affected: Later Models of DISH Network Receivers

Improvements to the signal strength meter on the Point Dish screen will soon be available through a software upgrade on later models of DISH Network receivers. All transponder readings have been recalibrated for consistency so that loss of video will occur around 10 points. Note the following differences of the improved signal meter:

- The improved meter can be identified by the red “0” and “10” above the signal strength meter bar on the Point Dish screen. Flashing yellow text on the Point Dish screen indicates that the receiver has the modified meter.
- Indicated signal strength readings will be lower due to the recalibration; however, the actual signal received is not changed. The Help button on the Point Dish screen explains that the signal strength readings will be lower. The amount that the indicated signal will drop will vary by transponder, but could be as much as 40 points.
- Loss of video will occur around 10 points, regardless of the satellite or transponder. This improvement helps identify how much signal margin there is relative to where loss of video will occur.
- In addition to the current red and green status, a yellow status will be added to the signal meter bar on the Point Dish screen, indicating where the signal strength is marginal for that satellite/transponder.
- On the System Info One screen, field “g” provides a status (red, yellow, or green) that corresponds to the lowest signal strength detected for select transponders checked during the system info signal test.
- The improved signal meter will be added to factory software which is pre-loaded in the receiver (versions that begin with “0”) at a later time. Until this improvement is available in factory software, the original signal strength meter will be displayed in the Point Dish screen before current software is downloaded. After the software download, the indicated signal strength will decrease when viewed with the improved signal meter.
- The steps used to peak the dish antenna remain unchanged. Ensure you are peaking the dish for maximum signal strength using the dish antenna’s installation instructions.



Screen 1. Improved Signal Meter



**Screen 2. System Info One
Screen with Yellow Signal Level**