



# Rain Quake

Snow Shield Ice Quake

## Rain Fade Testing of the Walton Snow Shield (Winterization Kit) Cover and Ice Quake System on a 3.9 meter Ka Band Antenna



Rain fade test performed at Ka Band using a FDMA Modem and a satellite simulator. The duration of all testing was 10 minutes. Solar-Winterization Cover with Ice Quake System activated with water at a rate of 2.5 gallons per minute. During this phase of the test a total of 4 hits (data lost) were recorded (photo on the left)



Test performed on a 3.9 meter GD antenna

## Summarization of Testing Performed

Description of Test Performed	Number of Hits (Data Lost)
Reflector Dry with no Solar-Winterization Cover	2
Reflector Wet with no Solar-Winterization Cover	43
Solar-Winterization Cover installed and dry	2
Solar-Winterization Cover installed, dry with Ice Quake activated	1
Solar-Winterization Cover installed, wet with no Ice Quake activated	34
Solar-Winterization Cover installed, wet with Ice Quake activated	4