



## Application Note

### Installing DirecWay™ Systems with the SAT 9520

3/22/05

DirecWay™ service is available from several satellites. You can use the “Lower Ku Band” channel plan in the SAT 9520 to locate and identify the satellite you wish to obtain service from. Using that plan, you can:

- 1) Verify that you are on the correct satellite
- 2) Peak the azimuth and elevation for maximum signal strength
- 3) Peak the polarity adjustment for maximum C/N and signal quality
- 4) Check Bit Error Rate (BER) for rain fade margin

Follow the instructions in the “Lower Ku Band Satellite Identification” Application Note for locating the satellite and peaking your dish.

**Note:**

Because the SAT 9520 DBS Installer’s Meter was designed to work with the more standardized DBS signal formats, it is not calibrated for the signals coming from these satellites or any of the non-DBS satellites at this time. The signal level reading should be fairly close although the accuracy has not been determined. The C/N reading is generally low by several dB. The IRD signal quality reading is derived from the C/N and is not correlated to any standard for the non-DBS system. Therefore, the SAT 9520 C/N and IRD readings should be used as relative indicators only; they are useful for peaking the dish but are not very accurate.

Applied Instruments Inc  
[www.appliedin.com](http://www.appliedin.com)