

NORTHWEST RESEARCH ENGINEERING, LLC

ITS30S COHERENT RECEIVER SYSTEM



The **ITS30S** is a three-frequency version of the ITS10S receiver originally developed in 1994 by NorthWest Research Associates. This model was developed in anticipation of the three-frequency CERTO class beacons. The ITS30S Coherent Receiver System is used for ionospheric research and is designed to measure ionospheric effects on signal phase and intensity from satellite beacons operating at 150, 400 and 1066.67 MHz (nominal).

Frequency coverage is approximately from -220 to +110 ppm, allowing coverage of the NIMS (OSCAR) satellites on both Operational and Maintenance frequencies, and the Geodetic and CERTO beacons operating at +80 ppm. This range also covers two of the Russian NavSat frequencies, 0 and -200 ppm.

The ITS30S has been discontinued in favor of the ITS33S. [Please go to the link for that receiver.](#) Contact us if there is a special need for this model.

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