

Signal monitoring software

The software RM-404 has been designed to take maximum advantage of the new range of **TV EXPLORER II+HD** field meters and turn them even in a more powerful tool

This program allows to monitor every measure obtained from the field meter and to store them on a PC, allowing users to:

- ✓ Analyze the performance of the signals as time goes.
- ✓ Control signals through alarms in order to keep them within optimal parameters.
- ✓ Receive any changes on the measuring signals by e-mail.
- ✓ Generates reports with all the measures that is monitoring.
- ✓ Send automatically reports by email.

This software has a wide range of possibilities when analyzing the different types of signals, both TV (terrestrial and satellite) and pure carrier signals generated externally or by the user

- ✓ It acquires measures automatically inside a moving vehicle.
- ✓ It associates the captured measures with **GPS** coordinates.
- ✓ The obtained measurements can be exported to a GIS system (Geographic Information System).

The screenshot displays the main interface of the RM-404 software. It features a menu bar at the top with options like 'Archivo', 'Puntos', 'Informe', 'Puntos de Test', 'Ver', 'Configuración', 'Idioma', and 'Ayuda'. Below the menu, there are several tabs and a main data table. The table has columns for 'index', 'ch', 'freq', 'system', 'type', 'low', 'hbw', 'symbol rate', 'modulation', 'code rate', 'qpsd', 'rate', 'env', 'spectral', 'canal', 'plan', 'band', 'plan', 'minLV', 'maxLV', 'minC/N', 'maxC/N', 'minV/A', 'maxV/A', 'minMER', 'maxMER', 'minCBER', 'maxCBER', 'minVBER', 'maxVBER', 'Date', 'Hour', 'Latitude', 'N/S', 'Longitude', 'E/W', 'Longitude', 'N/S', 'Longitude'. The data rows show various signal parameters for different channels and frequencies.

This screenshot shows a different view of the RM-404 software, displaying a table with columns for 'index', 'ch', 'freq', 'system', 'type', 'low', 'hbw', 'symbol rate', 'modulation', 'code rate', 'qpsd', 'rate', 'env', 'spectral', 'canal', 'plan', 'band', 'LEVEL', 'CN', 'V/A', 'DEV', 'MER', 'BER', 'VBER', 'LBER', 'Date', 'Hour', 'Latitude', 'N/S', 'Longitude'. The data rows provide detailed signal quality and performance metrics for various channels.

Coverage analysis: RM-404 + GPS = RM-404G

