

3500 Release notes – 3.5.1

1. The Tracking generator option is now available.
2. The P25 testing option is now available. A demod tile has been added that includes modulation fidelity, symbol deviation, Tx BER, signal power, and frequency error. A P25 group has been added to the modulation tile that enables the user to select one of the standard P25 modulation patterns. The modulation patterns available are the standard 1011 Hz tone pattern, the Calibration pattern, and the random data pattern, called O.153 (also known as V.52).
3. There are new indicator status icons, for temperature, battery, input overload, flash save, receiver compression level, and Gen-Rec PLL Lock. These icons are placed in the top bar of the display, next to the screen name.
4. There is now a level squelch for setting the receive squelch level in dBm.
5. Pass/Fail indicators are now available for all of the meter tiles.
6. Meter ranges are user settable for all of the meter screens.
7. ANT-CABLE test screen graphics have been changed to be similar to the spectrum analyzer and oscilloscope graphics.
8. A selection for Feet/Meters has been added to the ANT-CABLE test screen.
9. The scale for the ANT-CABLE test screen can now be auto or user selectable.
10. Pressing the “Hold” softkey now results in the softkey labels changing to prompt the user to either “Save” or “Resume”.
11. An External Attenuation field was added to the Generator tiles. This is used to compensate for any external attenuation present due to cable loss or attenuators.