

Differences between the ETRX3 longrange series of Modules

1. 351 vs. 357

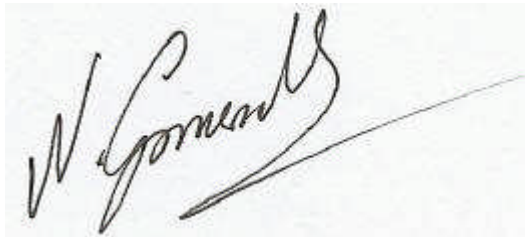
The ETRX351-LRS and ETRX351HR-LRS modules are based on the Ember EM351 and the ETRX357-LRS and ETRX357HR-LRS modules are based on the Ember EM357. The difference between the two chips is that the EM351 has 128kB of flash memory and the EM357 has 192kB of flash memory. Apart for the memory configuration the chips are 100% identical and the modules are therefor electrically identical.

2. "HR" vs. Non-"HR"

The ETRX351HR-LRS and ETRX357HR-LRS provide a Hirose U.FL coaxial conector as the RF port. The customer can attach an external antenna to this port (as part of the compliance testing a half wave and a quarter wave antenna was supplied). If the customer uses different antennas compliance needs to be checked.

The ETRX351-LRS and ETRX357-LRS use the on board Antenova Rufa chip antenna which was also examined as part of the compliance testing.

Yours faithfully
Telegesis (UK) Ltd.

A handwritten signature in black ink, appearing to read "N Gomersall", written over a horizontal line.

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