

Protection Against Unauthorized ESN and Firmware Upgrades:

The Electronic Serial Number (SNR) is part of the IMEI number of the phone. The IMEI bits in this phone are encoded and spread over various nonsequential memory locations in order to prevent detection and modification. Once the factory has programmed the IMEI, the mobile firmware cannot overwrite or alter the IMEI memory locations. Both the IMEI host and operation systems components are permanently mounted to the mobile in order to prevent removal and misuse. Unauthorized attempts to alter the mobile's firmware will cause the unit to become inoperable.

Certification of Data


The technical data contained in this application has been taken personally or under my supervision, and is certified true and correct. My qualifications include over fourteen years of experience in the communications industry.


Neil Anderson, Development Manager
Product Test and Support Engineering

8/13/99
Date

I certify that this application was made at my direction. I attest to the proper function of the switching and signal processing portion of this transmitter. It meets the system conformance specifications as detailed in GSM 11.10-1, Ver. 4.20.0, Phase 2, ETS 300 607-1.

The data and statements made herein are the best of my knowledge true and accurate and were incorporated for GSM/PCS 1900.


Nigel Challis, Program Manager

2/8/99
Date: