

Exhibit 2A

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Para. 22.919, Electronic Serial Numbers

Protection Against Unauthorized ESN and Firmware Upgrades

The Electronic Serial Number (ESN) bits in this OEM module are encoded and spread over various non-sequential memory locations in order to prevent detection and modification. Once the factory has programmed the ESN, the mobile firmware cannot overwrite or alter the ESN memory locations. Both the ESN host and the 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.

Exhibit 2B


CERTIFICATION OF DATA

The technical data contained in this application has been taken under my supervision, and is certified true and correct.

  
 Tom Price, Verification Manager

6/17/99  
 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 compatibility specifications as detailed in the EIA document EIA/TIA IS-136 REV A and OET 53 as referred to in 22.933 of the Commissions Rules. The data and statements made herein are to the best of my knowledge true and accurate.

  
 Bill Osborn, Development Manager  
 OEM Module Development

6/17/99  
 Date