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**Verification of FCC Parts 22.933, 22.901(d) for the ST800 Guardian
FCC ID: EFCST800**

22.933 - Cellular System Compatibility Specification

The SB508 is verified as cellular 800 MHz dual-mode (CDMA/AMPS) module. Please refer to the attached CDG2 files for the SB508 provided by Sierra Wireless in accordance with tests performed at Lucent Technologies Interoperability Test Laboratory. The Orion ST800 unit has been activated on several 800MHz CDMA and AMPS network carriers throughout North America without incident since August 2001.

22.901(d) - Alternative Technologies and Co-Primary Services

Note that specification 22.901(d) indicates that the modem may use alternative technologies and it is not a required parameter. Please refer to the attached CDG2 files for the SB508 provided by Sierra Wireless in accordance with tests performed at Lucent Technologies Interoperability Test Laboratory. The SB508 does not support PCS since it only operates in the 800 MHz band. The SB508 does support hard and soft handoff to Analog mode. The SB508 cell module does not support AMPS data mode and this is not an IS-95 requirement. The Orion ST800 unit contains an external modem to facilitate AMPS data mode for the SB508. The external modem, Silicon Laboratories SI2400 chip, is only utilized during AMPS mode, and uses the Bell 212A data format for data transmissions.