

NOKIA

NOKIA MOBILE PHONES

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December 7, 1999

Federal Communications Commission
Authorization & Evaluation Division,
7435 Oakland Mills Road,
Columbia, MD. 21046

Attention: Equipment Authorization Branch

PER: 47 CFR 22.919

RE: FCC ID: LJPNSB-6NX

The Electronic Serial Number (ESN) for each transceiver is unique.

The ESN host component is permanently attached to a main circuit board of the alterable. The ESN is isolated from fraudulent contact and tampering.

- The host component does not contain other information, it is not removable and its electrical connections are not accessible.
- The host component does contain other information, and the ESN information is encoded using:
 - (1) Multiplication or division by a polynomial.
 - (2) Cyclic coding.
 - (3) The spreading of ESN bits over various non-sequential memory locations.

The ESN is factory set and is not alterable, transferable, removable, or otherwise able to be manipulated. Cellular mobile equipment is designed such that any attempt to remove, tamper with, or change the ESN chip, its logic system, or firmware originally programmed by the manufacturer will render the mobile transmitter inoperative.

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Juha Lumila
Product Program Manager, Product Creation Center, Oulu

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We hereby certify that the transceiver FCC ID: LJPNSB-6NX complies with
ETSI GSM 1900 SPECIFICATION Standard.

Compliance was determined by testing appropriate parameters according to standard.
Extensive field testing has been performed against several different systems in the USA to
verify the interoperability with different systems.

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