



Prepared (also subject responsible if other) EUS/CA/PT		No. n/a		
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Deactivation of 850 MHz band for Sony Ericsson Model T226s

1 PURPOSE

A request for additional information was received from the FCC on 10/7/2003 requesting detail on how the 850 MHz capability will be disabled to prevent possible transmission in Sony Ericsson model T226s.

Applicant: Sony Ericsson Mobile Communications AB
Correspondence Reference Number: 9579
731 Confirmation Number: TC233827
Date of Original Email: 10/07/2003

Sony Ericsson Model: T226s
FCC ID: PY7A1041012

This document provides additional details on how this is accomplished.

2 IMPLEMENTATION

The T226s is a derivation of model T226 (FCC ID = PY7A1041011) in which the 850 MHz band of operation is disabled by means of a software switch. In both of these models, a variable located in a protected area of non-volatile memory defines the allowable bands of operation. All software processes use this variable to determine frequencies that may be used for scanning, system selection and registration, call origination and call handoffs.

This variable is programmed at the factory during assembly in the same step as the model number, and is subsequently accessed as READ only.

3 SECURITY

The parameter defining allowable bands of operation is located in a protected area of non-volatile memory. In general, only Sony Ericsson approved factories, service centers, or trusted customer sites have the necessary tools to modify the parameter areas of non-volatile memory. Since the variable resides in a protected area, WRITE access is further restricted. Any change in this location without the proper security tools and valid access to a Sony Ericsson security server would render the phone inoperative.