

Prepared (also subject responsible if other) EBAHMOT	Checked	No. 1/109 45-KRD 131 21/4 Uen	
Approved EAB/FJM/H [Martin Uddeborg]		Date 2011-09-16	Rev A

## Hardware change document for H5321 w

HW update for Mobile Broadband Module Type

KRD 131 21/4 R1E

HW Build: Pre-FP3

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## 1 Introduction

This document describes changes made to the hardware in Ericsson Mobile Broadband Module H5321 w for KRD 131 21/4 R1. The document is applicable for:

Ericsson GSM 850/900/1800/1900, WCDMA 850/900/1900/2100  
Mobile Broadband Module type: KRD 131 21/4 R1E (HW Build: Pre-FP3)

### 1.1 Scope

This document

- 1 Highlights the differences between the F5321 gw for KRD 131 23/1 R1F (Pre-FP3) to H5321 w for KRD 131 21/4 R1E (Pre-FP3).
- 2 States performance parameters affected by the changes made.

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## 2 Hardware Change Tracking

This section lists all changes made between the hardware in the F5321 gw for KRD 131 23/1 R1F (Pre-FP3) to H5321 w for KRD 131 21/4 R1E (Pre-FP3).

The changes have been split between those affecting certification and changes that do not affect certification.

### 2.1 Changes affecting the Baseband

- No changes.

### 2.2 Changes affecting 2G certification Test Cases

- No changes.

### 2.3 Changes not affecting 2G certification Test Cases

- The PCB is re-sized in compliance with PCI Express Mini Card Half-Size standard. The antenna traces have been shortened accordingly. The maximum output power remains unchanged.

### 2.4 Changes affecting 3G certification Test Cases

- No changes.

### 2.5 Changes not affecting 3G certification Test Cases

- The PCB is re-sized in compliance with PCI Express Mini Card Half-Size standard. The antenna traces have been shortened accordingly. The maximum output power remains unchanged.
- The GPS-circuitry is removed.

## 3 Summary

There are hardware changes between F5321 gw for KRD 131 23/1 R1F (Pre-FP3) to H5321 w for KRD 131 21/4 R1E (Pre-FP3). However, these changes will not affect 2G or 3G certification.

## 4 Revision History

Revision	Date	Responsible	Changes
A	2011-09-16	ebahmot	First Rev