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Client: Sony Ericsson Mobile Communications
Model: CM-42
Standards: FCC Part 22, 24/IC RSS-129
Report Number: 2004060 R0.00
Date: June 30, 2004

APPENDIX C: **CHANGE DOCUMENT**

Please refer to the following pages.

Sony Ericsson

Prepared by
SEM/BMDH JEAN-PHILIPPE LAMANTIA
Contents responsible if other than preparer

Approved by

Document number | Revision
1/109 47-LXE 108 566 Uen | PA2
Date
2004-02-02
Remarks
This document is managed in metaDoc.

CM-42 Hardware Release Notes

SonyEricsson

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RELEASE NOTES

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1 Overview

1.1 Description

This document is intended to summarize the changes made to the Printed Circuit Board (PCB) of the CM-42 product.

1.2 Document Revision History

Revision	Date	Comments
PA1	02-Feb-2004	Initial version
PA2	02-Feb-2004	Updated layout changes

1.3 PCB Information

The PCB is identified by a TVK number and revision.

PCB Info	
CM-42	TVK1172419
Current Revision	R5

Revision Change	Driving reason(s)
R4 to R5	New VCTCXO form factor and add antenna diagnostic capability.

2   Board Details

2.1   R5 changes from R4 board

Layout Changes
- Form factor of current VCTCXO will no longer be available after 12/31/2003. Change over required to accomodate change in the new VCTCXO footprint. Replaced VCTCXO with newer, smaller package.
- Updated 800 Mhz duplexer footprint and heatsink area.
- Added antenna diagnostics capability.
- Removed unused PCS band LNA.
- Removed unused PCS band amplifier.
- Removed unused 800 MHz filter.
- Modified receiver ground plane in an attempt to improve sensitivity.
- Removed unused RF connector pads to allow for a blind alignment slot.

Component Changes
- Increased Flash Memory capacity.
- Changed R703 from 22kΩ to 220kΩ to stabilize the Host Power B circuitry over temperature.
- Changed R705 from 1kΩ to 220kΩ to reduce in rush current.