# Test Report

| | |
|---|---|
| **Project Number:** | **3637363** |
| **Report Number:** | **3637363EMC91** **Revision Level: 0** |
| **Client:** | **Intermec Technologies Corporation** |
| **Equipment Under Test:** | **Mobile Computer** |
| **Model Name:** | **CN70 / CN70e / CK70** |
| **Model Number:** | **1000CP01C-H1 / 1000CP02C-H1 / 1001CP01C-H1** |
| **System Version:** | **W23.1.6.003** |
| **FCC ID:** | **EHA-1000CP01CX2** |
| **Applicable Standards:** | **FCC Part 22/24** |
| **Report issued on:** | **18 May 2015** |
| **Test Result:** | **Compliant** |

Tested by: Fabian Nica, Senior Engineering Technician

Reviewed by: David Schramm, EMC/RF/SAR/HAC Manager

Remarks:

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

# Table of Contents

# 1 GENERAL INFORMATION

## 1.1 CLIENT INFORMATION

| | |
|---|---|
| Name: | Intermec Technologies Corp. |
| Address: | 6001 36th Avenue W |
| City, State, Zip, Country: | Everett, WA 988203, USA |

## 1.2 TEST LABORATORY

| | |
|---|---|
| Name: | SGS North America, Inc. |
| Address: | 620 Old Peachtree Road NW, Suite 100 |
| City, State, Zip, Country: | Suwanee, GA 30024, USA |
| | |
| Accrediting Body: | A2LA |
| Type of lab: | Testing Laboratory |
| Certificate Number: | 3212.01 |

## 1.3 GENERAL INFORMATION OF EUT

| | |
|---|---|
| Mode of Operation: | CDMA 1xRTT BC0, BC1 |
| Frequency Range: | CDMA BC0 (824.0-849MHz)<br>CDMA BC1 (1850-1910MHz), |
| Serial Number: | 15621442244 |
| Build Version: | CE OS 5.2.29077 (Build 29077.5.3.12.10) |
| Firmware Version: | System Version W23.1.6.003 |
| Antenna: | Integral |
| Battery Type: | Li-Ion Battery |
| Rated Voltage: | 3.7 VDC, 4Ah, Rechargeable Battery |
| Accessories: | None |
| | |
| Sample Received Date: | 9 December 2014 |
| Date of testing: | 11 December 2014 |

## 1.4 EQUIPMENT UNDER TEST

| | |
|---|---|
| EUT | Mobile Computer |
| Normal operation: | Held to head |
| Body Worn Accessory | NA |
| Device category: | Portable |
| Exposure category: | General Population/Uncontrolled Exposure |
| Sample Modification: | No modifications made. There is no power reduction for HAC support. |

| Air Interface | Band MHz | Type | C63.19 Tested | Simultaneous Transmission | OTT | Power Reduction |
|---|---|---|---|---|---|---|
| CDMA | 800<br>1900 | VO | Yes | BT/WiFi | NA | NA |
| WiFi | 2450 | VD[1] | No | BT, GSM, WCDMA, CDMA | Yes | NA |
| BT | 2450 | DT | NA | WiFi, GSM, WCDMA, CDMA | NA | NA |

VO = CMRS Voice Service
DT = Digital Transport
VD = CMRS IP Voice and Digital Transport
1 = No associated T-Coil measurement has been made in accordance with 285076 D02 T-Coil testing for CMRS IP

## 1.5 POWER MEASUREMENTS

The power levels of the voice mode are below. There are no eductions in power for HAC support. There is no specific mode for HAC testing. HAC is continuously enabled.

| Mode | Type | Test mode | Cellular Band, BC0 | | | PCS Band, BC1 | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1013<br>824.7<br>MHz | 384<br>836.52<br>MHz | 777<br>848.31<br>MHz | 25<br>1851.25<br>MHz | 600<br>1880<br>MHz | 1175<br>1908.75<br>MHz |
| CDMA | Voice | SO3 / RC1 | 24.71 | 24.7 | 24.32 | 24.25 | 24.36 | 24.41 |

## 1.6 TEST EQUIPMENT

Test Date: 9-Dec-2014 Tester: FRN

| Equipment | Model | Manufacturer | Asset Number | Cal Due Date |
|---|---|---|---|---|
| EMI TEST RECEIVER | ESU8 | ROHDE & SCHWARZ | B085759 | 26-Jun-2015 |
| CMW500 WIDEBAND RADIO | CMW500 | ROHDE & SCHWARZ | B085757 | 3-Nov-2015 |
| POWER SPLITTER | ZFRSC-123-S+ | MINI-CIRCUIT | B085748 | 8-Aug-2015 |
| COAXIAL CABLE | SUCOFLEX 102 | HUBER&SUHNER | B079822 | 6-Aug-2015 |
| COAXIAL CABLE | SUCOFLEX 102 | HUBER&SUHNER | B079823 | 6-Aug-2015 |
| COAXIAL CABLE | SUCOFLEX 102 | HUBER&SUHNER | B079824 | 6-Aug-2015 |