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| Preparado - Prepared XTS/X Mikael Ohlsson | | Nº - No. FCT-0217 | | |
| Responsable Doc/Aprobado - Doc respons/Approved XTS/X Ingela Skytte | Contr - Checked | Fecha- Date 2004-06-14 | Rev B | Archivo-File |

Application for class 2 permissive change FCT (Fixed Cellular Terminal) - Change Description

Application for class 2 permissive change related to products mentioned below:

Original grant:

1. P5L0130102-BV dated 06/28/2002
2. P5L0130101-BV dated 01/28/2002

This document covers the models 0130101-BV and 0130102-BV.

Change description covering the differences between the above(original version) FCC authorized FCT:s and the new versions refers to below (including HW/SW change descriptions between original and new version)

HW Changes:

The tables below describes HW changes between the original FCC certified HW:A and the new version HW: B.

PCB:

No change is made, except for the R-state of some components

| REF | Part Number | New R-State | Old R-State |
|------|-------------|-------------|---------------|
| 10 | TVK1173643 | R1 | P6 |
| N302 | RYT901905/1 | R2A | Not specified |
| N501 | RYT101908/2 | R3A | R2A |

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|------|--------------|-----|-----|
| N503 | RYT101911/2 | R2A | R1A |
| D900 | ROP1013007/C | R2A | R1A |

Mechanics:

No change is made.

Components:

The following components have changed:

| Part affected | Components | Reason for the change | Re-testing |
|---------------|---------------|--|---|
| RF | C314 | The value is the same, but the tolerance of this matching capacitor has been reduced in order to reduce the spread of values in production. | The change will not affect EN 301 511 No re-testing necessary. |
| RF | C413 | The value of this capacitor has been reduced to centre the average voltage value for resonance adjustment during the production process and avoid eventual yield losses. | The change will not affect EN 301 511 No re-testing necessary. |
| Power Supply | C1328 & C1329 | These decoupling capacitors are not mounted to ensure UL compliance. | The change will not affect EN 301 511 No re-testing necessary |
| Power Supply | V1303 | This diode is not mounted to avoid transient problems in the DC input circuit during start-up. | The change will not affect EN 301 511 No re-testing necessary |
| Power Supply | R1309 | The value is the same, but the tolerance has been reduced in order to reduce dispersion of the battery charger behaviour. | The change will not affect EN 301 511 No re-testing necessary |
| LIP | C1708 & C1720 | New de-coupling capacitors to improve bumble-bee noise. | The change will not affect EN 301 511 No re-testing necessary |

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Other changes that do not affect the functionality and thus do not require any re-testing are:

- A tantalum capacitor has changed to another one with the same capacity and ESR values, but lower package height.

| REF | NEW PART NUMBER | OLD PART NUMBER |
|-------|-----------------|-----------------|
| C1610 | RJE5992169/1D | RJE5991169/1F |

- The following components have changed their Ericsson designation, but are the same commercial component as before.

| REF | NEW PART NUMBER | OLD PART NUMBER |
|-------|-----------------|-----------------|
| C1607 | RJC5264487/1 | INXE412 |
| C1616 | RJC5264487/1 | INXE412 |
| C1690 | RJC5264487/1 | INXE412 |
| D909 | RYT3266032/52C | RYT3266032/42C |
| D1104 | RYT3316003/2C | INXE457 |
| D1601 | RYT3106017/C | RYT3106017/2C |
| L1300 | REG7177072/47 | INXE470 |
| L1301 | REG7245203/1 | INXE441 |
| L1600 | REG7177072/47 | INXE470 |
| L1601 | REG603203/1 | INXE443 |
| N1302 | RYT1136371/1 | INXE359 |
| V1000 | RKZ123467/1 | RKZ123617/1 |
| V1002 | RKZ123467/1 | RKZ123617/1 |
| V1003 | RKZ123467/1 | RKZ123617/1 |
| V1100 | RKZ123467/1 | RKZ123617/1 |
| V1305 | RKZ123467/1 | RKZ123617/1 |
| V1310 | RKZ123467/1 | RKZ123617/1 |
| V1322 | RKZ123467/1 | RKZ123617/1 |
| V1324 | RKZ123467/1 | RKZ123617/1 |
| V1325 | RKZ123467/1 | RKZ123617/1 |
| V1328 | RKZ123467/1 | RKZ123617/1 |
| V1329 | RKZ123467/1 | RKZ123617/1 |
| V1611 | RKZ123467/1 | RKZ123617/1 |
| V1614 | RKZ123467/1 | RKZ123617/1 |

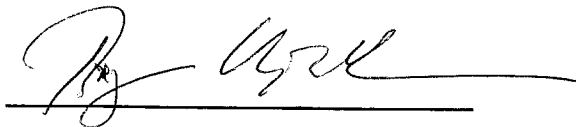
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SW Changes:

SW changes between the original FCC certified HW:A / SW:R2 and the new version HW: B / SW:R4.

- Software has been modified to improve functionality. No changes affect RF output power or modulation characteristics.

Ericsson AB, Sweden, 2004-06-14.
Department EAB/AZ/Y



Birger Kjellander – Manager