

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

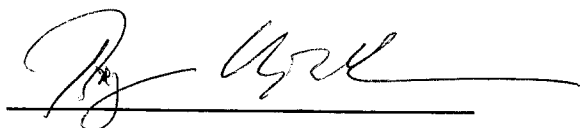
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SW Changes:

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



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