

UPCS – Compliance Information

EUT AND PRODUCT INFORMATION			
Type of Equipment	US DECT UPCS		
Model name	RAID2		
	FP	PP	Repeater
EUT Type/System	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HW Version			
SW Version		FF.48	
RFPI / PIN			
Max. Peak Power (dBm)		20.7 dBm	
Emission BW (MHz)		1.4 MHz	
Receive Bandwidth (MHz)			
Does the EUT transmit signaling channels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lower Threshold (dBm)		-82.4 dBm	
Upper Threshold (dBm)		-62.4 dBm	
Test standard:	<input checked="" type="checkbox"/> FCC part 15D	<input type="checkbox"/> Other	
Frequency Band	1921.536 – 1928.448 MHz		
# of RF Channels	5		
Frame Period	10 ms		
Max. Burst length	417 us		
Min. Burst Length			
# of Logical Channels	60 (12 duplex channels per RF carrier)		
Slot Type	<input checked="" type="checkbox"/> Single	<input type="checkbox"/> Double	
Operating Mode	<input type="checkbox"/> Simplex	<input checked="" type="checkbox"/> Duplex	

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ANTENNAS					
Base (FP)	Antenna	Type	Gain (dBi)	Internal	External
	1			<input type="checkbox"/>	<input type="checkbox"/>
	2			<input type="checkbox"/>	<input type="checkbox"/>
	3			<input type="checkbox"/>	<input type="checkbox"/>
	4			<input type="checkbox"/>	<input type="checkbox"/>
Does RX and TX use the same antenna(s)?				<input type="checkbox"/> Yes	<input type="checkbox"/> No
Handset (PP)	Antenna	Type	Gain (dBi)	Internal	External
	1	Inverted F	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2	Inverted F	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does RX and TX use the same antenna(s)?			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
ANTENNA DIVERSITY					
	Antenna	Diversity Supported			
		TX	RX		
Base (FP)	1	<input type="checkbox"/>	<input type="checkbox"/>		
	2	<input type="checkbox"/>	<input type="checkbox"/>		
	3	<input type="checkbox"/>	<input type="checkbox"/>		
	4	<input type="checkbox"/>	<input type="checkbox"/>		
Handset (PP)	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

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VOLTAGE AND TEMPERATURE RANGES			
VOLTAGES	FP	PP	Repeater
Max Temperature (°C)		40	
Min Temperature (°C)		0	
Nominal Voltage		3.7 V	
Cut-Off Voltage (if applicable)		3.3 V	
POWER SOURCE	Type		Manufacturer
Base or Repeater			
Handset (PP) (charger)	Lithium Ion		
Data Connections	<input type="checkbox"/> PSTN <input type="checkbox"/> Others (please specify)		
ANCILLARY EQUIPMENT			
Description			
Type			
Manufacturer			
HOST DEVICE			
Description			
Type			
Manufacturer			
ADDITIONAL INFORMATION			

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MANUFACTURERS DECLARATIONS		
FCC part 15.323 (c)(5)		
No device or group of co-operating devices located within 1 meter of each other shall during any frame period occupy more than 6 MHz of aggregate bandwidth, or alternatively, more than one third of the time and spectrum windows defined by the system.		
Applicant Agrees	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
FCC part 15.323 (c)(10)		
The applicant hereby declares that system in this application does not use the criteria of (c)(10) of this section.		
Applicant Agrees	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
FCC part 15.323 (c)(11)		
The applicant hereby declares that system in this application does not use the criteria of (c)(11) of this section.		
Applicant Agrees	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
FCC part 15.323 (c)(12)		
The provisions of (c)(10) or (c)(11) of this section is not used to extend the range of spectrum occupied over space or time for the purpose of denying fair access to spectrum to other devices.		
Applicant Agrees	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
FCC part 15.307 (b)		
The Applicant is a participating member of UTAM, Inc. and will provide an affidavit from UTAM, Inc. certifying this.		
Confirmed By Applicant	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
FCC part 15.319 (f)		
The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude transmission of control and signaling information or use of repetitive codes used by certain digital technologies to complete frame or burst intervals.		
Please explain how compliance with the requirement is obtained:		
Currently, the following precautions are taken to ensure that a PP does not transmit due to an operational failure:		
<ol style="list-style-type: none"> 1) A watchdog timer is used to detect a software deadlock. 2) The operational software does not boot if a serious self-test error is detected. 		

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MANUFACTURERS DECLARATIONS

3) A bearer set-up is prohibited when PP is out of synchronization with the RFP.

4) A call is dropped when PP is out of synchronization with the RFP.

Confirmed By Applicant

Yes

No

ADDITIONAL REMARKS:

DECLARED BY:

2006-02-16

Tania Ottebrink



Ascom Tateco AB

Date

Name (print)

Signature

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