UPCS (DECT based) – Implementation Conformance Statement

		FP	PP	Repeater
DUT	Description : UPCS (DECT based) Base station (RFP), Wireless Server 500			
	Model : S500-A8-1G9			
	Use : DECT voice communication solution			
	System	☒	☐	☐
	Type	S500-A8-1G9		
	HW version	Release 001		
	SW version	Release 001		
	RFPI / PIN	10 H		
	Decl. emission BW	1,487 MHz		
	Decl. lower threshold	-		
	Decl.upper threshold [1]	- 60 dBm		

Product information

Standard: ☒ FCC part 15D ☐ other:

Frequency band: ☒ 1920 – 1930 MHz ☐ other:

Number of RF channels: 5

Number of logical channels: 60 (time and spectrum windows)

Used slot type: ☒ single ☐ double

Used slot(s): ☒ even ☒ odd

Operating mode: ☐ simplex ☒ duplex ☐ other:

[1] if applicable

Antennas:

FP:	Antenna	Type	Gain [dBi]	internal	external
	1	F-antenna	4	☒	☐
	2	F-antenna	4	☒	☐
	3			☐	☐

Do Tx and Rx use the same antenna(s)?:   ☒ Yes   ☐ No

PP:	Antenna	Type	Gain [dBi]	internal	external
	1			☐	☐
	2			☐	☐
	3			☐	☐

Do Tx and Rx use the same antenna(s)?:   ☐ Yes   ☐ No

Antenna diversity: [1]

	Antenna	Diversity supported	
		Tx	Rx
FP	1	☒	☒
	2	☒	☒
	3	☐	☐
PP	1	☐	☐
	2	☐	☐
	3	☐	☐

Product information (vertical, left margin)

[1] if applicable

Product information

Supply and supported temperature ranges (Manufacturer declaration):

	FP	PP	Repeater
U_{normal} [V]	8,0V DC		
U_{min} [V]	7,5V DC		
U_{max} [V]	8,5V DC		
T_{min} [°C]	-10		
T_{max} [°C]	55		

Power Source	Type	Manufacturer
FP or WRS	Switching power adaptor Model no.:UE15WCP-080070SPA	FUHUA
PP (charger)		

Data connection: ☒ PSTN*   ☐ other

Used radio module [1]:

Type   :   Manufacturer:

Ancillary equipment [1]:

Description   :

Type   :

Manufacturer :

Host device [1]:

Description   :

Type   :

Manufacturer :

[1] if applicable

Product information	**Control software** [1]**:**
	Name : Serio for DECT Z500
	Version : 1.4
	Manufacturer : KIRK telecom A/S
	Additional remarks:
	*) The equipment is not intended to connect to a public or private network. It is only intended for closed connection to TNV2 circuits. The device is typical connected to a TNV3 approved PABX.

[1] if applicable

FCC 15.323 (c) (5):
This device or group of co-operating devices located within 1 meter of each other shall not 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.

Manufacturer agrees: ☒ Yes   ☐ No

FCC 15.323 (c) (12):
This device shall not use the provisions of (c) (10) or (c) (11) to extend the range of spectrum occupied over space or time for the purpose of denying fair access to spectrum to other devices.
Manufacturer agrees: ☒ Yes   ☐ No

FCC 15.307 (b):
The applicant is a participating member of UTAM, Inc. and will provide a related affidavit from UTAM, Inc. in course of certification.

Confirmation by applicant: ☒ Yes   ☐ No

FCC 15.319 (f) Automatic discontinuation of transmission:
This device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. Automatic break off the transmissions means break off of connection and break of transmissions which are not control and signalling information or repetitive codes of complete frame or burst intervals. In case of devices using basics of DECT technology at least fixed parts and repeaters are using control and signalling information without direct connection to their remote station.
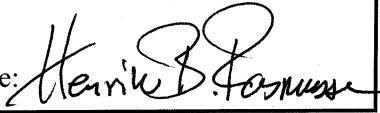
Please fill in the table below with the reaction of the EUT (FP and/or PP) using A, B or C.

	Situation	Reaction of EUT		Verdict
		FP	PP	
1	Switch-off counter part	B		
2	Hook-on by counter part	B		
3	Switch-off by EUT	B		
4	Hook-on at EUT side	B		
5	Remove power from EUT	A		
6	Remove power from counterpart	B		

A – Connection break down, cease of transmit
B – Connection break down, EUT transmits signalling information
C – Connection break down, counter part transmits signalling information

Manufacturer declarations

[1)] if applicable

Supplement	**Additional remarks:**
	Declared by: KIRK telecom A/S Date: 07.03.06 Name (print): Henrik Birch Rasmussen Signature:

[1)] if applicable