

FCC Part 15D – Compliance Information

EUT AND PRODUCT INFORMATION

Type of Equipment	UPCS (DECT 6.0)
Applicant Name	NEC Nederland B.V.
Address	Anton Philipsweg 1, 1223 KZ Hilversum, The Netherlands
Contact	F. Dosil (federico.dosil@emea.nec.com)

	FP	PP	Repeater
EUT Type/System	☒	☐	☐
FCC ID	UTCAP400-001		
Model name	AP400		
HW Version	V2 Rev E		
SW Version	TBD		
Max antenna Gain	2 dBi		
Can the EUT be Initiating Device	☐ YES	☐ YES	☐ YES
Does the EUT transmit signaling channels	☒ YES	☐ YES	☐ YES
Max number of slots in use simultaneously	24		
Test standard:	☒ FCC part 15D	☒ Other: Industry Canada RSS-213, Issue 2	
Frequency Band	1921.536 – 1928.448 MHz		
# of RF Channels	5		
Frame Period	10 ms		
Max. Burst length	420 us		
Min. Burst Length	83 uS		
# of Logical Channels	60 (12 duplex channels per RF carrier)		
Operating Mode	☐ Simplex	☒ Duplex	

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ANTENNAS				
Base (FP)	Antenna	Type	Internal	External
	1	Monopol	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2	Monopol	<input checked="" 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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Handset (PP)	Antenna	Type	Internal	External
	1		<input type="checkbox"/>	<input type="checkbox"/>
	2		<input type="checkbox"/>	<input type="checkbox"/>
Does RX and TX use the same antenna(s)?			<input type="checkbox"/> Yes	<input type="checkbox"/> No

ANTENNA DIVERSITY			
	Antenna	Diversity Supported	
		TX	RX
Base (FP)	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	<input type="checkbox"/>	<input type="checkbox"/>
	4	<input type="checkbox"/>	<input type="checkbox"/>
Handset (PP)	1	<input type="checkbox"/>	<input type="checkbox"/>
	2	<input type="checkbox"/>	<input type="checkbox"/>

VOLTAGE AND TEMPERATURE RANGES			
VOLTAGES	FP	PP	Repeater
Nominal Voltage	48V		
Cut-Off Voltage (if applicable)	36V		
POWER SOURCE	Type	Manufacturer	
Base or Repeater	PoE (Power Over Ethernet)	Not included in product	
Handset (PP) (charger)			
Data Connections	<input type="checkbox"/> PSTN <input checked="" type="checkbox"/> Others (please specify) Ethernet		

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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 1m 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 the system in this application does use the criteria of (c)(10) of this section.		
Applicant Agrees	<input checked="" type="checkbox"/> Yes	<input 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 shall not be 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
ADDITIONAL REMARKS:		
DECLARED BY:		
Date 2011 May 25 th	Name F. Dosil	Signature 