FCC Part 15D – Compliance Information

EUT AND PRODUCT INFORMATION

Type of Equipment	UPCS (DECT 6.0)
Applicant Name	Dialog Semiconductor BV
Address	Het Zuiderkruis 53, 5215MV, 's-Hertogenbosch, Netherlands
Contact	Frank van den Dungen

	FP	**PP**	**Repeater**
EUT Type/System	☐	☐	☐
FCC ID		Y82-SC14S	
Industry Canada ID		SC14SPNODE	
Model name		SC14S	
HW Version		SF01	
SW Version		001	
Max antenna Gain		1.2dBi	
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			
Test standard:	☒ FCC part 15D	☒ RSS-213, Issue 2 / RSS-GEN, Issue 3	
Frequency Band	1921.536 – 1928.448 MHz		
# of RF Channels	5		
Frame Period	10 ms		
Max. Burst length	Normal DECT burst		
Min. Burst Length	Normal DECT dummy burst		
# of System Channels	60 (12 duplex channels per RF carrier)		
Operating Mode	☐ Simplex	☒ Duplex	

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Nemko

ANTENNAS

Base (FP)	Antenna	Type	Internal	External
	1		☐	☐
	2		☐	☐
	3		☐	☐
	4		☐	☐
	Does RX and TX use the same antenna(s)?		☐ Yes	☐ No
Handset (PP)	**Antenna**	**Type**	**Internal**	**External**
	1	F-antenna	☒	☐
	2		☐	☐
	Does RX and TX use the same antenna(s)?		☒ Yes	☐ No

ANTENNA DIVERSITY

	Antenna	Diversity Supported	
		TX	**RX**
Base (FP)	1	☐	☐
	2	☐	☐
	3	☐	☐
	4	☐	☐
Handset (PP)	1	☒	☒
	2	☐	☐

VOLTAGE AND TEMPERATURE RANGES

VOLTAGES	FP	PP	Repeater
Nominal Voltage	V	2.4V	
Cut-Off Voltage (if applicable)		2.1 – 3.45	
POWER SOURCE	**Type**		**Manufacturer**
Base or Repeater			
Handset (PP) (charger)			
Data Connections	☐ PSTN ☒ Others (please specify) .JTAG, UART interface.		

ANCILLARY EQUIPMENT

Description	
Type	
Manufacturer	

HOST DEVICE

Description	
Type	
Manufacturer	

ADDITIONAL INFORMATION

MANUFACTURERS DECLARATIONS

FCC part 15.323 (c)(5)

The applicant declares that the system in this application has more than 40 duplex system access channels defined, and that the system is operating in Least Interfered Channel (LIC) mode in accordance with this section.

Applicant Agrees	☒ Yes	☐ No

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	☒ Yes	☐ 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	☒ Yes	☐ 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	☒ Yes	☐ 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	☒ Yes	☐ 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	☒ Yes	☐ No

ADDITIONAL REMARKS:

>

DECLARED BY:

>February 1st 2013	>Frank van den Dungen	
Date	Name (print)	Signature