

## UPCS / LE-PCS (DECT 6.0 based) - Implementation

## **Conformance Statement**

	Description : DECT M5 Radio Module Ceotronics					
DUT	Model : M5Ceo_1 (HMO-1000310)					
	Use : Wireless intercom system					
		FP	PP	Repeater (WRS)		
	System	$\boxtimes$	$\boxtimes$			
	Туре	Module	Module			
	HW version	1	1			
	SW version	3.x.x	3.x.x			
	RFPI / PIN	not yet available	not yet available			
	Decl. emission BW	1.45 MHz	1.45 MHz			
	Decl. lower threshold	-82.4 dBm	-82.4 dBm			
	Decl.upper threshold 1)	-62.4 dBm	-62.4 dBm			
	Standard:	⊠ FCC part 15D	☐ IC RSS-213 Issu	e 2		
	Frequency band:   □ 1920 – 1930 MHz □ other:					
	Number of RF channels: 5					
ion	Number of logical channels: 60 (time and spectrum windows)					
Product information	Used slot type:	⊠ single □ double		7		
	Used slot(s):	⊠ even ⊠ odd				
	Operating mode:	⊠ duplex ☐ other:				
	Does the PP support FP functionality (e.g. Walkie-Talkie)? ⊠ no ☐ yes:					
	FP and WRS, only: What is the maximum number of active connections the DUT can support?  4 (6 during handover)					
	Number of used RF modules: FP: 1 PP: 1					

<sup>1)</sup> if applicable



	1							
	Antennas:							
	FP/WRS:	Antenna	Туре		Gain [dBi]	internal	external	
		1	Inverted-F		0			
		2	Inverted-F		0	$\boxtimes$		
		3						
		Do Tx and Rx use the same antenna(s)?: ⊠ Yes ☐ No						
	PP:	Antenna	Туре		Gain [dBi]	internal	external	
		1	Inverted-F		0	$\boxtimes$		
ıtion		2 Inverted-F		rted-F	0	☒		
Product information		3						
		Do T	x and Rx use	s)?: 🛛 Yes 🔲 No				
Proc	Antenna diversity: 1)							
		An	tenna	Diversity supported				
				Tx		Rx		
	FP/WRS	FP/WRS 1 2 3				$\boxtimes$		
				$\boxtimes$		$\boxtimes$		
	PP	2				$\boxtimes$		
	3							

<sup>1)</sup> if applicable



	FP	PP	Repeater (WRS)		
U <sub>normal</sub> [V]	3.6 V	3.6 V			
U <sub>min</sub> [V]	3.2 V	3.2 V			
Umax [V]	4.6 V	4.6 V			
Tmin [°C]	-10 °C	-10 °C			
Tmax [°C]	55 °C	55 °C			
Power Source	Туре		Manufacturer		
FP or WRS	External (DUT is a r	nodule)			
PP (charger)	External (DUT is a r	nodule)			
Data connection	Data connection:   PSTN   other				
Used radio module <sup>1)</sup> :					
Type:		Manufacturer:			
Ancillary equipment <sup>1)</sup> :					
Description : M5 Evaluation Board					
Type : M5Eval_2					
Manufacturer: Fraunhofer IIS					
Host device 1):					
Description :					
Type :					
Manufacturer:					
Control software 1):					
Name :					
Version :					
Manufacturer:					
Additional remarks:					

<sup>1)</sup> if applicable

	This	FCC 15.323 (c) (5), RSS-213 4.3.4 (b) (5): This device or group of co-operating devices located within 1 meter of each other shall not					
	durin	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.					
	Manı	ufacturer agrees:	es 🗌 No				
	This occup	FCC 15.323 (c) (12), RSS-213 4.3.4 (b) (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					
	1710110	ufacturer agrees:	es No				
tions	The a from	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					
Manufacturer declarations	This of informal break informal basics signal	FCC 15.319 (f), RSS-213 4.3.4 (a) 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 6.0 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.					
	1 1000	Reaction of E			using A, B or C.		
		Situation	FP	PP	Verdict		
	1	Switch-off counter part	В	A	Pass		
	2	Hook-on by counter part	В	С	Pass		
	3	Switch-off by EUT	A	A	Pass		
	4	Hook-on at EUT side	В	С	Pass		
	5	Remove power from EUT	A	C	Pass		
	6	Remove power from counterpart	В	A	Pass		
	A – Connection break down, cease of transmit B – Connection break down, EUT transmits signalling information C – Connection break down, counter part transmits signalling information						
Supplement	Additional remarks:						
ddr	Declar	Declared by:					
St	Date: 2	Date: 2007-09-05 Name (print): Berthold Hemer Signature:					

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<sup>1)</sup> if applicable