



FCC Part 15D Application Form & Self-Declaration

Manufacturer:	David Clark Company, Inc.
Model Number:	U9921-GUV
Serial Number:	P51684-03
Description:	DECT Transceiver (UPCS)
Power Source:	13.8 VDC nominal via Battery or 12 to 24 VDC Supply
Hardware Revision:	Rev 5
Modulation Type:	GFSK
Operating Frequencies:	1921.536 -1928.448 MHz
Emission Designator:	1M43F7E (FCC), 1M22F7E (IC)
Antenna Gain:	3 dBi – External antenna: Laird MAF94301 2 dBi – Internal antenna: PCB Board

Number of channels:	5				
Carriers frequency (MHz)	1921.536	1923.264	1924.992	1926.720	1928.448
Maximum Peak Power Level (dBm)	18.00		17.91		17.83
Nominal Receive Bandwidth	+/- 500 kHz				
Frame period (ms)	10				
Timeslot Plan	24 timeslots per frame. First 12 timeslots used for FP transmissions.				
Nominal Burst Length (us)	386.25 µs				
Operating Temperature Range (°C)	Min	-20	Max	+50	

Does a system built with the EUT that implement the provisions of 47CFR 15.323(c)(5) enabling the use of the upper threshold for deferral?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
According to 47CFR 15.323(c)(5), does your model not use bandwidth in further cooperation with other devices at any range?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does a system built using the EUT that operate under the provisions of 47CFR 15.323(c)(6) incorporating provisions for waiting for a channel to go clear?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
According to 47CFR 15.323(c)(8), does EUT use the same antennas for transmission and reception as for monitoring?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does a system built using the EUT that operate under the provisions of 47CFR 15.323(c)(10) to test for deferral only in conjunction with a companion device?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does a system built with the EUT that operate under the provisions of 47CFR 15.323(c)(11) enabling the access criteria check on the receive channel while in the presence of collocated interferers?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
According to 47CFR 15.323(c)(12), does EUT not work in a mode which denies fair access to spectrum for other devices?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your model have the monitoring made through the radio receiver used for communications?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does your model transmit control and signaling channels?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
According to 47CFR 15.307(b), does the applicant have the affidavit from UTAM Inc.?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
According to 47CFR 15.319(b), do all transmissions use only digital modulation techniques?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

The provisions within the EUT for self-check, by which compliance with 47 CFR 15.319(f) is obtained:	A- Connection break down, cease of transmit		
	B- Connection break down, EUT transmits signaling information		
	C- Connection break down, counter part transmits signaling information		
		Test case	Reaction of EUT
		1 Switch – off counterpart	B
		2 Hook-on by counterpart	--
		3 Switch- off by EUT	A
	4 Hook -on on EUT side	--	
	5 Remove power from EUT	A	
	6 Remove power from counterpart	B	

DECLARED BY: David Clark Company

21-FEB-11
Date

DAVID TRUESDALE
Name (print)

Signature