

FCC Part 15D - APPLICATION FORM & SELF-DECLARATION



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Manufacturer Name	Shenzhen Top Guo Wei Electronics Co., Ltd
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	residente Production de la constant			
FCC ID	S9AUSADECT-S37	S9AUSADECT-S37		
Model Number	USA DECT-S37	USA DECT-S37		
HW version	Rev 0.2	Rev 0.4		
SW version	903	903		
Antenna Type	MERSE L Type	MONOPOLE and MERSE L Type		
Max. Antenna Gain (dBi)	3	3		
		Adapter Input AC 120 V		
Mains Power Voltage		Adapter Outpur DC 6.5 V		
		FP Inport DC 6.5 V		
Battery Voltage	DC 2.4 V			

Number of channels			5 0 0	
Carriers frequency(MHz)	1921.536	5 1923.264	1924,992 19	1928.448
Nominal Receive Bandwidth			+/- 500 kHz	
Frame period (ms)	4 (5 days)		10	
Timeslot Plan	24 timeslots per frame. First 12 timeslots used for PP transmissions and other 12 timeslots used for FP transmissions.			
Burst Length Range(us)	Min	90	Max	390
Operating Temperature Range (°C)	Min	0°C	Max	45°C

Does a system built with the enabling the use of the upp	EUT that implement the provision of the Europe in Europe	ons of 47CFR 15.323(c)(5)	¥Yes	
According to 47CFR15.323 cooperation with other device	(c)(5).4,does your model not use	bandwidth in further	√Yes	□No
Does a system built using the	ne EUT that operate under the pr provisions for waiting for a chani	ovisions of 47CFR nel to go clear?	_	No
According to 47CFR15.323 reception as for monitoring?	(c)(8),does EUT use the same ar	tennas for transmission and	Yes	□No
Does a system built with the	e EUT that operate under the proferral only in conjunction with a c	visions of 47CFR companion device?	· 	MNo
Does a system built using the	he EUT that operate under the pr access criteria check on the rec	ovisions of 47CFR	∐Yes	MNo
According to 47CFR15 323 spectrum for other devices.	(c)(12),does EUT not work in a n	node with denies fair access to	MYes	□No
Does your model have the communication?	monitoring made through the rad	o receiver used for	Yes	□No
	control and signaling channels?		y es	□No
According to 47CFR15.307	(b), does the applicant have the	affidavit from UTAM Inc.?	✓Yes	No
According to 47CFR15.319	(b), do all transmissions use only	digital modulation techniques?	Yes	□No
The provisions within the	A - Connection break down, cease of transmit		Reaction FP	of EUT PP
EUT for self-check, by	B - Connection break down, EUT	Switch-off compare device	В	A
which compliance with	transmits signaling information	Hook-on by compare device	B	N A
47CFR15.319(f) is	C - Connection break down, compare device transmits	Switch-off by EUT Hook-on at EUT side	A N	- A
obtained: signaling information Remove Power from EUT				Â
Ducanted:	N - Not possible	Remove Powre from compare device	A	A

DECL		

Date

2006-06-27

CW Cheung Name (print) For and on behalf of SunCorp Converse

TUV Hong Kong Ltd.

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Authorized Signature(s) Tel.: +852 2776 1323



NOTE:



FCC Part 15.323(c)(5)

If access to spectrum is not available as determined by the above, and a minimum of 40 duplex system access channels are defined for the system, the time and spectrum windows with the lowest power level below a monitoring threshold of 50 dB above the thermal noise power determined for the emission bandwidth may be accessed. A device utilizing the provisions of this paragraph must have monitored all access channels defined for its system within the last 10 seconds and must verify, within the 20 milliseconds (40 milliseconds for devices designed to use a 20 milliseconds frame period) immediately preceding actual channel access that the detected power of the selected time and spectrum windows is no higher than the previously detected value.

The power measurement resolution for this comparison must be accurate to within 6 dB. No device or group of co-operating devices located within 1 meter 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.

FCC Part 15.323(c)(6)

If the selected combined time and spectrum windows are unavailable, the device may either monitor and select different windows or seek to use the same windows after waiting an amount of time, randomly chosen from a uniform random distribution between 10 and 150 milliseconds, commencing when the channel becomes available.

FCC Part 15.323(c)(8)

The monitoring system shall use the same antenna used for transmission, or an antenna that yields equivalent reception at that location.

FCC Part 15.323(c)(10)

An initiating device may attempt to establish a duplex connection by monitoring both its intended transmit and receive time and spectrum windows. If both the intended transmit and receive time and spectrum windows meet the access criteria, then the initiating device can initiate a transmission in the intended transmit time and spectrum window. If the power detected by the responding device can be decoded as a duplex connection signal from the initiating device, then the responding device may immediately begin transmitting on the receive time and spectrum window monitored by the initiating device.

ANSI C63.17 § 8.3

To comply with 47CFR15.323(c)(10), the EUT must monitor both its transmit time/spectrum window and its receive time/spectrum window.

FCC Part 15.323(c)(11)

An initiating device that is prevented from monitoring during its intended transmit window due to monitoring system blocking from the transmissions of a co-located (within one meter) transmitter of the same system, may monitor the portions of the time and spectrum windows in which they intend to receive over a period of at least 10 milliseconds. The monitored time and spectrum window must total at least 50 percent of the 10 millisecond frame interval and the monitored spectrum must be within 1.25 MHz of the center frequency of channel(s) already occupied by that device or collocated co-operating devices. If the access criteria is met for the intended receive time and spectrum window under the above conditions, then transmission in the intended transmit window by the initiating device may commence.

FCC Part 15.323(c)(12)

The provisions of (c)(10) or (c)(11) 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.

FCC Part 15.307(b)

Each application for certification of equipment operating under the provisions of this Subpart must be accompanied by an affidavit from UTAM, Inc. certifying that the applicant is a participating member of UTAM, Inc. In the event a grantee fails to fulfill the obligations attendant to participation in UTAM, Inc., the Commission may invoke administrative sanctions as necessary to preclude continued marketing and installation of devices covered by the grant of certification, including but not limited to revoking certification.

FCC Part 15.319(b)

The requirements of Subpart D apply only to the radio transmitter contained in the PCS device. Other aspects of the operation of a PCS device may be subject to requirements contained elsewhere in this Chapter. In particular, a PCS device that includes digital circuitry not directly associated with the radio transmitter also is subject to the requirements for unintentional radiators in Subpart B.

FCC Part 15.319(f)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude transmission of control and signaling information or use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

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