



TeamSharp Spacetech Inc.



User's Manual

Personal Tracking System PT-300

English Version

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TeamSharp SpaceTech

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I、Operation Notices(Please read carefully before use)

Thank you for purchase of our Personal Tracking System. This system fully complies European GSM standard, please read carefully for optimal results of the unit.

- Do not disassemble by person. The unit will lose warranty and maintenance service guaranteed by the manufacturer.
- Any unauthorized maintenance of the unit by manufacturer will cause guarantee period invalid.
- Please use peripherals provided by manufacturer, should any damage caused by components of non-manufacturer, the product will fail to acquire the remaining warranty right on quality and maintenance service provided by the original factory.
- The product is a hi-tech product; keep out of excessively high-humidity areas to avoid damages.
- Do not use this device in airplanes, hospitals, gas (petrol) stations, chemical plants, and etc.
- Since this product is a state-of-the-art product, please do read over this manual carefully to perform adequate operation.



Note

The functions are limited by deadspots of GPS and GSM signal like :basement(tight compartment) remote areas and other places with poor receptions ; please make sure to use in the places where GPS and GSM signal are good and stable .

- TeamSharp will not be responsible for any misuse of the product or failure to follow the instructions.

II、Packing List



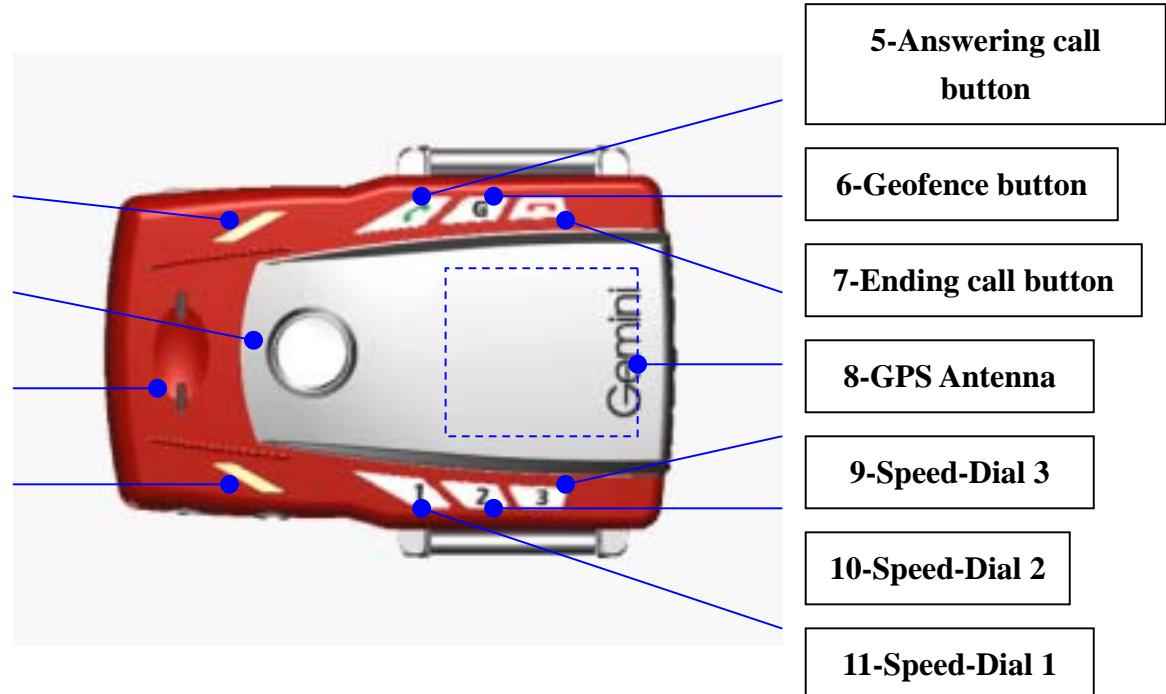
Note

- Contents of the manual are subject to change without notices.
- Accessories may vary by region, please consult your retailer.

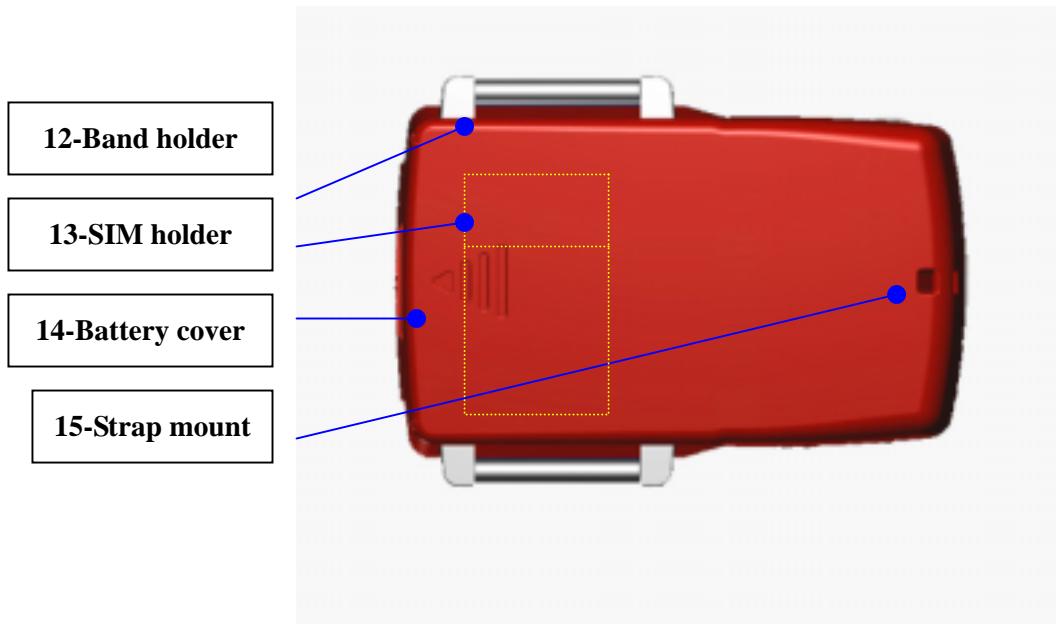
III、 Nomenclature

(Dotted line shows component inside the unit)

Front View



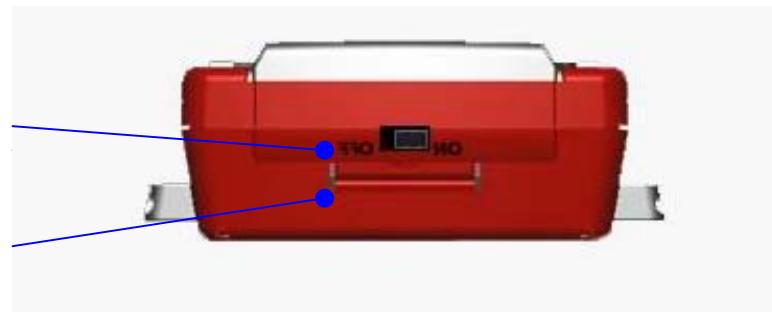
Rear View



Button View

16-On/Off Switch

17-Battery
cover lock



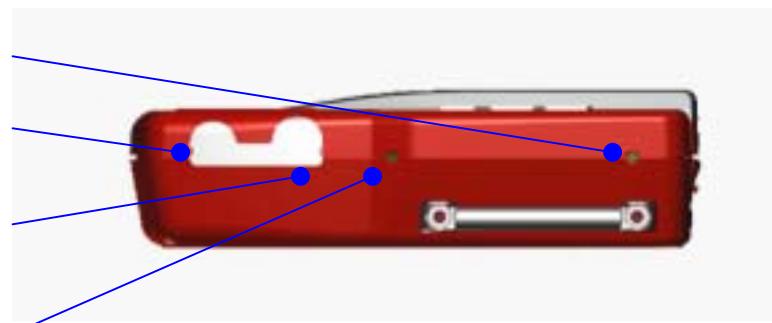
Left View

18-Microphone

19-Charger jack

20-Earphone jack

21-Music
Ring output



Right View

22-Volume/
Test button



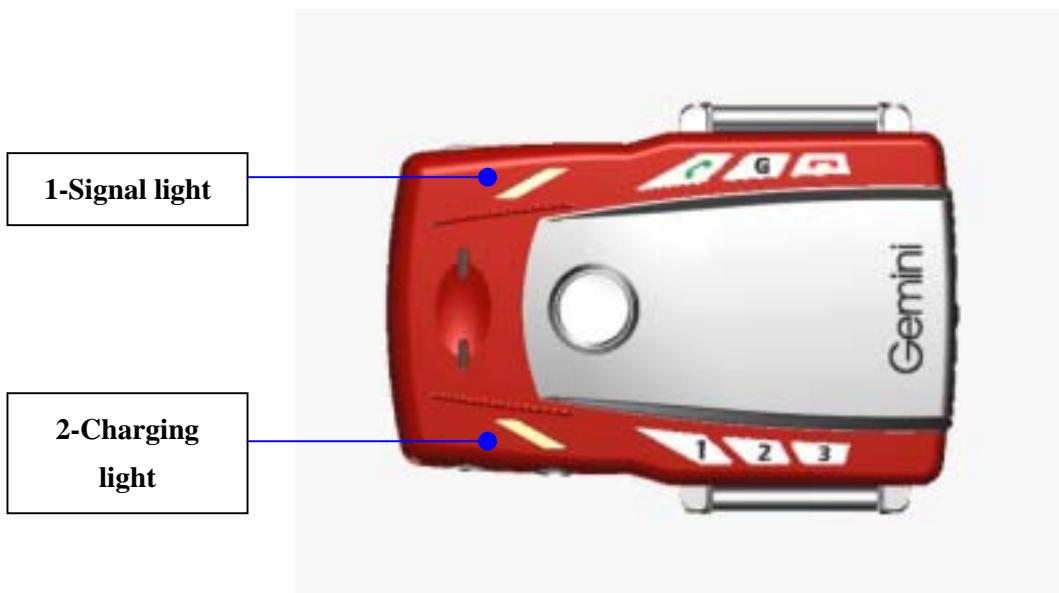
IV、Function Key and Interface Description

(Refer to Chapter III Nomenclature on the main unit)

Item	Name	Function Description
1	Signal Light	LED light informations for user(See chapter VI,VII for details)
2	SOS/Panic button	Report to the control center by SMS when emergency is happened.
3	Speaker	Sends out the sound when talking
4	Charging light	Light stays on when charging and off when charging is completed
5	Answering call	Answer the in-coming call
6	Geofence	Enable users remain in the restricted area and automatically report to the control center when leave the area.
7	Ending call	Ending the in-coming call
8	GPS antenna	For receiving GPS signals
9	Speed-Dial 3	Dialing out the third designated phone number
10	Speed-Dial 2	Dialing out the second designated phone number
11	Speed-Dial 1	Dialing out the first designated phone number
12	Band holder	To attach the band on the device, and can be removed using screwdriver if it is not used.
13	SIM holder	Insert the SIM card
14	Battery cover	To cover and change the battery
15	Strap mount	To hang the strap or necklace
16	On/Off switch	To turn on/off the power
17	Battery Cover lock	To lock the battery cover
18	Microphone	To input voice during talking
19	Charger jack	For Charging the battery of the main unit
20	Earphone jack	For hands free function
21	Music Ring output	Music Ring for incoming call

22	Volume/ Test	Adjust the volume during phone calling. For standby mode, if it is pressed for more than 2 secs, then the LED and beep sound will show the GPS and GSM reception(For details refer to Chapter VII)
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V. Signal Lights Description

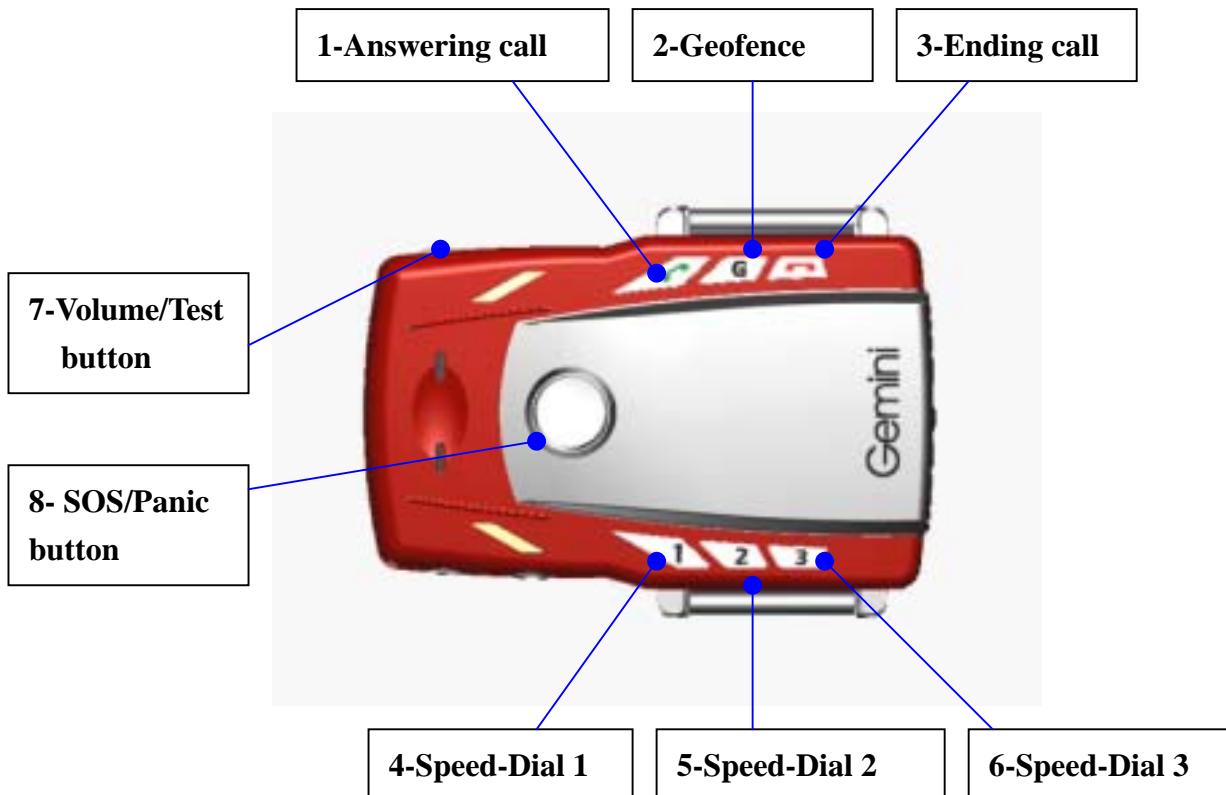


Item	Name	LED lights	Description
1	Signal light	Blue light stays on	GPS starts positioning when turn it on
		Blue light blinking	GPS gets positioning already
		Blue/Green lights blinking alternately	Normal stand-by mode
		Red light stays on	Battery is low
		Off	During SMS receiving/sending and GSM communications
2	Charging light	Orange light stays on	Light stays on when charging and off when charging is completed



- Should the signals not behave in the way, please consult your retailers immediately.

VI、 Buttons and Lights/Speaker Response



Item	Name	LED Lights	Speaker
1	Answering	Green light with 1 blink	1 beep
2	Geofence	Green light with 1 blink	Setting
			Release
3	Ending	Green light with 1 blink	1 beep
4	Speed-Dial 1	Green light with 1 blink	1 beep
5	Speed-Dial 2	Green light with 1 blink	1 beep
6	Speed-Dial 3	Green light with 1 blink	1 beep
7	Volume	off	1 beep
	Test	Green light stays on for 3 secs if GSM signal is Ok(Lights off if no GSM signals) Blue lights stays on for 4 secs if GPS signal is OK(If no GPS signals, then blinking for 20secs)	2 beeps
8	SOS/Panic	Green light stays on until SMS sending is completed or SOS status is over	No reactions

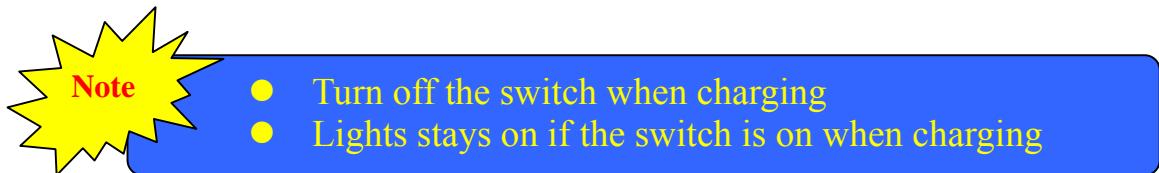


- Press at least 4 secs on Geofence buttons and SOS /Panic buttons to avoid false alarm, other buttons only press less than 2 secs
- Should the signals does not behave in the way, please consult your retailers immediately.

VII、 Getting Started

Step 1 : Charging the main unit

1. Find the charging jack.
2. Insert the charger plug of adaptor into charging jack
3. lights stays on when charging, and off when the unit is fully charged



Step 2 : Confirm Pin code on SIM card

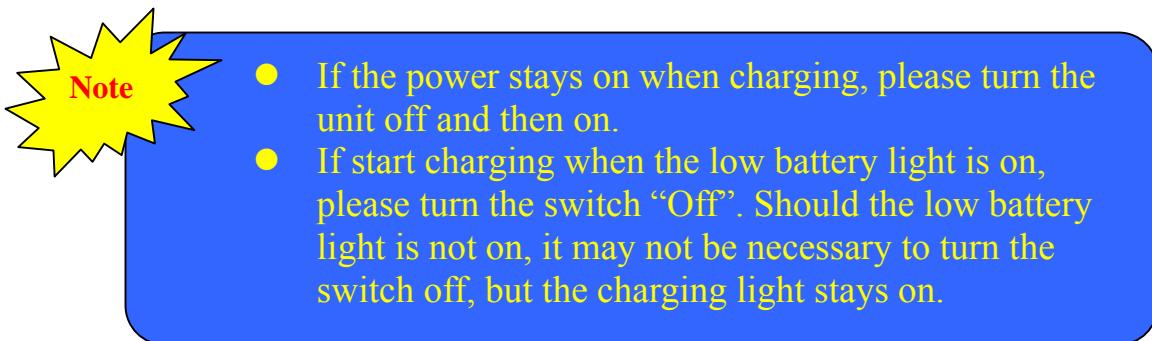
1. For SIM Card that requires PIN CODE, please make sure to change the Pin code on the SIM card to be “0000” using another mobile phone. You can also remove the Pin code on the SIM card using another mobile phone.

Step 3 : Insert SIM card

1. Open the battery cover, remove the battery and find the SIM card holder.
2. Lift the cover of SIM card holder.
3. Insert the SIM card in the holder
4. Slowly push the SIM card cover to the edge until it clicked
5. Insert the battery and put the battery cover to its position

Step 4: turn on the switch

1. Locate the power switch on the main unit
2. Turn the power “ON”.



Step 5: Receiving GPS signals

1. Use the unit in an open space where no obstacles nearby with white surface of the main unit facing up, and battery cover facing down.
2. Blue light stays on for 2.5mins after turning on the switch.
3. Blue light blinking for 2 mins when valid GPS signals is received. If no GPS signals, then no light. Should this happened, please restart the unit.

Step 6: Stand-by mode

1. Continuing point 3 of Step 5 and with valid GPS signal reception, then initialize the GSM module. The Green light will blink 4 times for about 30 secs. If the light does not blink 4 times, please restart the unit.
2. When the blue and green lights blink alternately, the unit becomes operational and in the standby mode.

**Note**

- In the standby mode, we can check the GSM reception by pressing the “Test” button. The GSM reception is normal if the green light stays on for 3 secs.
- Should the signals does not behave in this way, please consult your retailers immediately.

VIII、 Details on Functions and Operations

Functions	Operations
SOS help and tracking	User can press SOS/Panic button for more than 4 secs in case of emergency. After green light stays on, the unit will report to control center through SMS.
Remote tracking and positioning	Using any designated numbers of #1,#2,#3 that store in SIM card to call the unit, it will hang-up automatically, and report to the control center.
Geofence	Press “G” button for 4 secs, the unit will report to the control center automatically and activates the function. The user can also send SMS from the control center to activate this function.
Answering Call	The user can use any phone to call the device, and the device will notify the user with music ring. To answer the call by simply pressing the “Answering call” button.
Ending Call	User can end the call by pressing the “Ending call” button.
Call-out	Users can call any preset numbers(#1,#2,#3) by simply pressing the speed-dial button.(Please refer to chapter IV for details)
Volume Control	Press “Volume/Test” button to adjust sound level during the phone call. (Volume adjustment sequence : Medium →High →Low)
GSM/GPS Test	Press “Volume/Test” button to check the GSM and GPS reception by the signal light during the standby mode (See chapter VII for details)
Remote Listening and monitoring	The unit can set the 6 th phone number on the SIM card for remote listening and monitoring. The device will answer the call from this number calling automatically without music ring. The person on the remote site can then listen and monitor.
Hands-free	Earphone is included for user to answer the phone with hands-free.
Worldwide monitoring and tracking	With the European GSM communication module, to use worldwide without distance restrictions
Low battery	Inform the user for low battery by keeping the red light on and report to the control center by SMS at the same time.
Charging	Orange light stays on when the unit is charging, and goes out if the unit is fully charged.
Car/Home charger	Using DC 12V charger (for car) and AC 110V-240V charger (for home) to charge the unit.

IX、 Important Messages and Warnings

- Pin code of the SIM card must be cancelled first or set it to “0000” by using another mobile phone.
- Please turn off the switch before replacing the SIM card.
- When the battery is exhausted totally (Low battery light goes off), please follow these steps to restart the unit.
Step 1 : Insert DC charger into the charging jack.
Step 2 : Turn on the unit to start charging.
Step 3 : Please refer to Chapter VIII “Getting Started” to restart the unit.
- GPS antenna must face up to receive direct satellite signal.

X. Specifications

Item	Specification
Dimension	L : 73mm W : 45mm H : 20mm
Weight	170 g ± 5 g
Frequencies	900/1800/1900MHz 850/1800/1900MHz
Storage temperature	-10 +55
Battery capacity	850 mA
Power consumption	Standby mode: <45mA , GSM Operating:< 250mA

Product warranty

Customer's information	Name		Phone		Mobile	
	Address					
	Serial number		Date of purchase			
Supplier		Retailer				
Remarks	<ol style="list-style-type: none"> 1. The warranty is valid for 1 year of product maintenance (excluding improper uses) starting from the date of purchase. 2. Should the product malfunctioned under proper use, free maintenance service is provided within warranty period. This service does not cover due to human causes, natural causes. 3. Serial numbers on the warranty must be the same as it is shown on the main unit. 4. The company is not responsible for re-issuing the product warranty if it is lost. 5. Warranty is invalid without supplier's seal or defaced. 6. Service fee is charged if warranty period is over or product warranty is not shown with. 					



TeamSharp SpaceTech Inc.

No., 7, Sun-Hwa sec. Chung-Cheng Rd. Lung-Tan,
 Taoyuan, Taiwan, ROC
 TEL : +886-3-4994049
 FAX : +886-3-4994048
 E-mail : tsst@ms19.hinet.net

FCC Regulations:

- This mobile phone complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This mobile phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

► RF Exposure Information (SAR)

This model phone meets the government's requirements for exposure to radio waves. This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.684 W/kg for GSM850 / 1.01 W/kg for PCS1900 and when worn on the body, as described in this user guide, is 0.35 W/kg for GSM850 / 0.263 W/kg for PCS1900 (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: T3B-PT300.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.