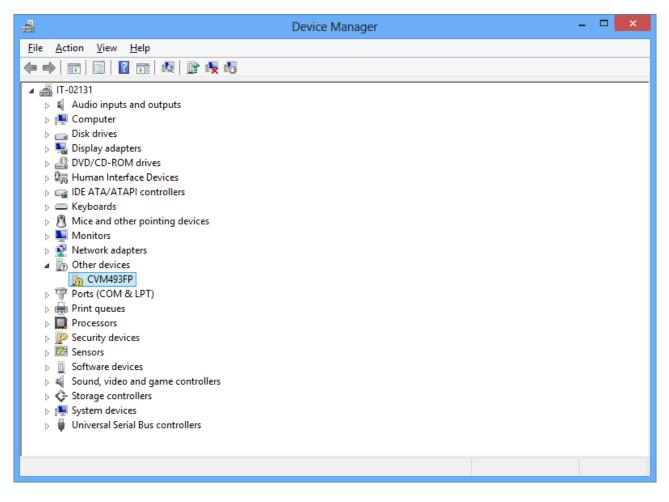
#### Start up

Insert the dongle to the computer USB port and follow the steps below for registration.

#### Windows USB Driver

After is plugged to the USB port, the dongle will show up as an unknown device, because the driver for it cannot be located automatically.



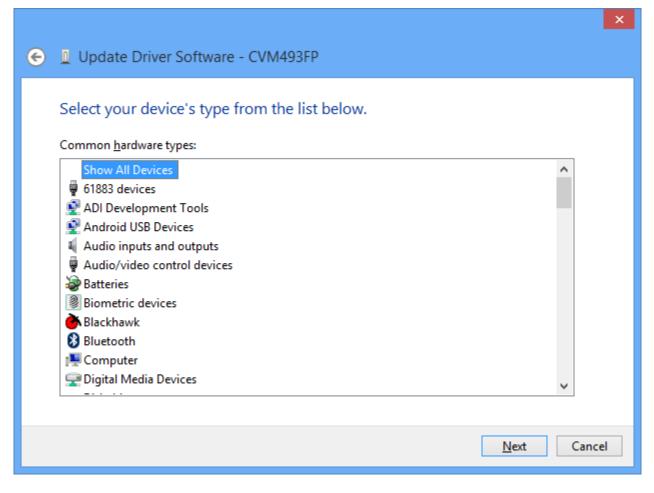
Right-click the device and select "Update Driver Software...".

	×
📀 🧕 Update Driver Software - CVM493FP	
How do you want to search for driver software?	
Search automatically for updated driver software Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.	
Browse my computer for driver software Locate and install driver software manually.	
	Cancel

Click "Browse my computer for driver software".

×
Browse for driver software on your computer
Search for driver software in this location:
✓ Browse
✓ Include subfolders
Let me pick from a list of device drivers on my computer This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
Next Cancel
-

Click "Let me pick form a list of device drivers on my computer."



Make sure "Show All Devices" is selected and click "Next".

¢	🚊 Upo	× date Driver Software - CVM493FP
	Select	t the device driver you want to install for this hardware. Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
	(Retriev	eving a list of all devices) <u>H</u> ave Disk
		<u>N</u> ext Cancel

Click "Have Disk ... ".

	Install From Disk	×
6	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from: D:\GriffinSDK_v0211\FlexUsb\Driver v	Browse

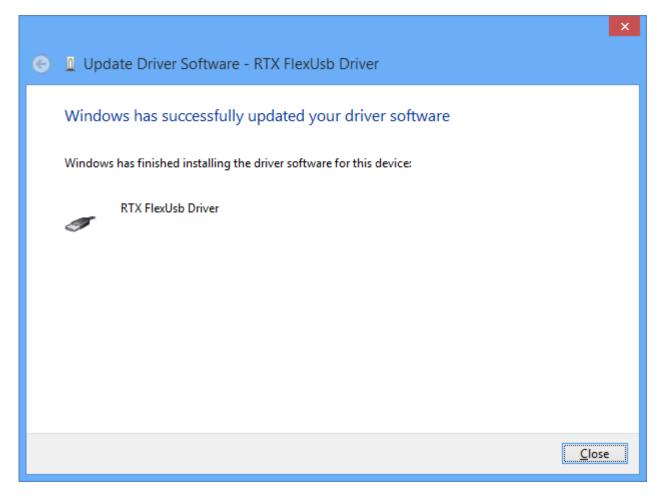
Browse to "D:\GriffinSDK\_v0211\FlexUsb\Driver" and click OK.

	×
📀 🗕 Update Driver Software - CVM493FP	
Select the device driver you want to install for this hardware. Select the manufacturer and model of your hardware device and then disk that contains the driver you want to install, click Have Disk.	
Model	
This driver has an Authenticode(tm) signature. <u>Tell me why driver signing is important</u>	<u>H</u> ave Disk
	<u>N</u> ext Cancel

#### Click "Next."

	Update Driver Warning	×
<b></b>	Installing this device driver is not recommended because Windows cannot verify that it is compatible with your hardware. If the driver is not compatible, your hardware will not work correctly and your computer might become unstable or stop working completely. Do you want to continue installing this driver?	
	<u>Y</u> es <u>N</u> o	

This warning is because the USB VID/PID of the CVM 493 board is not listed for the driver. Click Yes.



Please perform initial configuration next.

### **Initial Configuration**

Launch Jigsaw: D:\GriffinSDK\_v0211\Jigsaw\Jigsaw.exe

*		Jigsaw v2	.11 - D:/Griffir	SDK_v0211/Ji	gsaw/Config.Jigsaw	ı		- 🗆 🗙
<u>F</u> ile <u>T</u> ools <u>V</u>	<u>/</u> indow <u>H</u> elp							
-								
ab Device Basic	s 📩 Mobility Management	🟝 Call Control	🛓 НТТР	💩 SUOTA	🏝 Firmware Update	🏝 Image Control	🏝 USB	
Device Identifica	tion							Refresh
VID	0D9A 0D9A RTX Telec	om AS						Apply
PID	OOBE							Reboot
								Close
Version	FFFF Auto							
Manufacturer	RTX A/S							
Product	CVM493FP							
Serial (auto)								
	·							
Driver								
Launch Device	Manager Reinstall Driver Driv	er reinstallation is ne	eded if audio or HID	) settings are chan	ged.			
Trace								6) X
	: NVSMAP: ReadCbk 4E9:28	3						
	RTX_EAP_MEMORY_READ_RE							
	: RTX_EAP_MEMORY_READ_CI : NVSMAP: ReadCbk 511:14		00 00 14 00 F	F. F.F. F.F. F.F. F.F	. P.F. P.F. P.F. P.F. P.F. P.F.	. EE EE EE EE EE	EE EE EE EE	
	API_FWU_STATUS_IND : 1		RSS_SUCCESS,	RSS_NO_DEVIC	E, RSS_NO_DEVICE,	RSS_NO_DEVICE, R	SS_NO_DEVICE,	
	E, RSS_NO_DEVICE,							
	: FWU: EvtStatus 1 5=No							
	: FWU: EvtStatus 2 5=No : FWU: EvtStatus 3 5=No							
	: FWU: EvtStatus 4 5=No							
	: FWU: EvtStatus 5 5=No							
07:15:04:868	: FWU: EvtStatus 6 5=No	device						
Output Trac								•
	FlexUsb Running							
r lagins loadeu	rickosb herming	· .						

Select the "Device Basics" tab:

	asics	📩 Mobility Manager	ment 👌	Call Control	🛓 НТТР	🚠 SUOTA	達 Firmware Update	憃 Image Contro	l 👌 USE
evice				Time			LAS DB N	vs	Close
Version:	1206		Reboot	20140	807 07:15	Get	Unlock	Unlock	
		806 16:02 (1 day ago)		✓ Au	to	Set		Write defaults	
Variant: Max calls:		I mode.					Current DB: Host		
Hux cuils.	·			Clock r	master: FP (t	oase) 🔻			
Address									
DHCP	•								
IP:	0.0.0.	0		Set					
		-							
Subnet:	0.0.0.	0		Set	_				
Gateway:	0.0.0.	0		Set					
DNS:	0.0.0.	0		Set					
	0.0101	-							
æ :15:04:3	399: N	IVSMAP: ReadCbk (		00 02 00		00 14 00			
e :15:04:3 :15:04:3 :15:04:3	399: N 399: R	TX_EAP_MEMORY_RE	CAD_REQ 00				FFFFFFFFFFFFFFF	FFFFFFFFFFF	
te :15:04:3 :15:04:3 :15:04:3 FF FF	399: N 399: R 399: R	TX_EAP_MEMORY_RE	EAD_REQ 00 EAD_CFM 02				F FF FF FF FF FF FF	FFFFFFFFFFF	
e :15:04:3 :15:04:3 :15:04:3 FF FF :15:04:3 :15:04:8	399: N 399: R 399: R 399: N 399: N 868: A	RTX_EAP_MEMORY_RE RTX_EAP_MEMORY_RE RVSMAP: ReadCbk & API_FWU_STATUS_IN	CAD_REQ 00 CAD_CFM 02 511:14 ND : Idle	00 11 05 Status[7]=	00 00 14	00 FF FF FF	F FF FF FF FF FF FF		F FF FF F
e :15:04:3 :15:04:3 :15:04:3 FF FF :15:04:3 :15:04:8 S_NO_DEV	399: N 399: R 399: R 399: N 399: N 868: A VICE,	XTX_EAP_MEMORY_RE XTX_EAP_MEMORY_RE IVSMAP: ReadCbk {	CAD_REQ 00 CAD_CFM 02 511:14 ND : Idle RSS_NO_DEV	00 11 05 Status[7]= ICE,	00 00 14	00 FF FF FF			F FF FF F
e :15:04:3 :15:04:3 :15:04:3 :15:04:3 :15:04:3 :15:04:8 5_NO_DEV :15:04:8 :15:04:8	399: N 399: R 399: R 399: N 368: A VICE, 368: F 868: F	XIX_EAP_MEMORY_RE XIX_EAP_MEMORY_RE NVSMAP: ReadCbk & API_FWU_STATUS_IN RSS_NO_DEVICE, F	CAD_REQ 00 CAD_CFM 02 511:14 ND : Idle RSS_NO_DEV 5=No devi 5=No devi	00 11 05 Status[7]= ICE, ce ce	00 00 14	00 FF FF FF			F FF FF F

In the LAS DB group, click Unlock and select "Device" in the drop-down list. The dongle reboots.

Select the "Call Control" tab:

Device Basics 🛛 🚨	Mobility Manag	gement	🏝 Call Contro	H 🛓 H	ПР 🏝	SUOTA	👌 Firmw	are Update	🏝 Image Control	۵.
s 🌲 🗸 Call ma	nagement 🗸	Actions	✓ Log calls	PP Locator	MWI 0	\$			< Lines	Clos
1				Call 2						
itate: Release	d R/	eason:		State:	Relea	sed	Reasor	1:		
All 🌲 Auto	¢ CL	LIP: 2	209108916	All	1 Auto	-	CLIP:	145712011	11	
Linear 16 kHz	a		Amira Ackles	Linear	16 kHz	•	CNIP:	Pearlie Piet	tila	
	Pk	ayback: 0 ecord: 0		Linear	10 10 12		Playba Record	ck: 0:00 : Off		
Setup	Release				etup	Relea		. 011		
Proceed	Alert	C	onnect	Pr	oceed	Aler	rt	Connect		
Hold	Resume				11-1-1	Resu				
	T COLUMNITIES				Hold	Resu	me			
					Hold	Resu	me			
	NIP Sound	Option	ns	Call				Options		
	NIP Sound							Options		
Call CLIP Cr	NIP Sound							Options		
Call CLIP Cr	NIP Sound							Pptions		
Call CLIP Cr	NIP Sound							)ptions		
call CLIP Cr	NIP Sound							Options		
call CLIP Cr	NIP Sound							ptions		
call CLIP Cr	NIP Sound				CLIP			Pptions		
Call CLIP Cr Ch State Primary    B:51:109: NVSM B:51:562: API_ NO_DEVICE, RSS B:51:562: FWU:	VIP Sound	ormat Co - - - - - - - - - - - - - - - - - - -	odec Digits	Call	CLIP	CNIP S	iound C	·	/ICE, RSS_NO_DEVI	ce,
Call CLIP Cr	VIP Sound VSecondary F - - - - - - - - - - - - -	cormat Co - - - - - - - - - - - - - - - - - - -	odec Digits	Call	CLIP	CNIP S	iound C	·	/ICE, RSS_NO_DEVI	CE,
Call CLIP Cr Ch State Primary    B:51:109: NVSM B:51:562: API_ NO_DEVICE, RSS B:51:562: FWU:	VIP Sound VIP Sound VIP Sound - - - - - - - - - - - - -	ormat Co - - - - - - - - - - - - - - - - - - -	odec Digits	Call	CLIP	CNIP S	iound C	·	/ICE, RSS_NO_DEVI	CE,

Click the "< Lines" button:

Device Basics	🏝 Mobility Mar	nagement	🏝 Call Control	🕭 НТТР	🏝 SUOTA	🏝 Firmware Update	🏝 Image Control	🏝 USB
calls 🌲 🗸 Ca	II management	✓ Actions	✓ Log calls F	P Locator	MWI 0		> Lines	Close
es								
# Name PPs I	Aultiple calls Int	rusion Pref	ix Blocked CLIR	CEU CENA C	FB Type			
	inarcipie cano inc		in proceed cent		i o i jpe			
₽ -								
all 1			c	all 2				
all 1				all 2				
	leased	Reason:		all 2 State:	Released	Reason:		
	leased		009108916			Reason:	11	
State: Re		CI TD+	000108016	State:			11	
State: Re		CI TD+	000108016	State:			11	
State: Re		CI TD+	000108016	State:			11	
		CI TD+	000108016	State:			11	
State: Re		CI TD+	000108016	State:			11	
State: Re		CI TD+	000108016	State:			11	
State: Re		CI TD+	000108016	State:			11	
State: Re Ch State Print     		CI TD+	000108016	State:			11	
State: Re Ch State Print Ch State Print Ch Ch C	mary Secondary	Format Co - - - - -	one inse in pdec Digits        -	State:			11	
State: Re Ch State Print Ch	mary Secondary	Format Co - - - - - - - - - - bk 511:14	000108016 0dec Digits        -	State:		<u>CLTD• 14571201</u>		
State: Re Ch State Print Ch	Mary Secondary	Format Co - - - - - - - - - - - - - - - - - - -	no 1080 16 odec Digits                                                                                             	State:				
State: Re Ch State Print Ch	Mary Secondary	Format Co - - - - - - - - - - - - - - - - - - -	Doubsols	State:		<u>CLTD• 14571201</u>		
State: Re Ch State Print Ch	Mary Secondary	Format Co - - - - - - - - - - - - - - - - - - -	boologo16 bodec Digits        -	State:		<u>CLTD• 14571201</u>		
State:         Re           Image: Character of the state of the	Mary Secondary	CITE: 2 Format Co - - - - - - - - - - - - - - - - - - -	device	State:		<u>CLTD• 14571201</u>		
State:         Re           #         Ch         State         Print           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           -         -         -         -           :18:51:109: N         -         -           :18:51:562: N         -         -           :18:51:562: N         -         -	Mary Secondary	CITE: 2 Format Co - - - - - - - - - - - - - - - - - - -	dle Status[7] DEVICE, device device	State:		<u>CLTD• 14571201</u>		
State: Re Ch State Print Ch State Print Cartering Ce Ce Ce Ce Ce Ce Ce Ce Ce Ce	Mary Secondary	Format Co - - - - - - - - - - - - - - - - - - -	device device device device	State:		<u>CLTD• 14571201</u>		
State: Re Ch State Print Ch State Print Ch State Print Ch State Print Ce Ce Ce Ce Ce Ce Ce Ce Ce Ce	Mary Secondary                                                                                                                                                                                                                                                                                                                                                     -                                                                -	CITE: 2 Format Co - - - - - - - - - - - - - - - - - - -	dle Status[7] DDEVICE, device device device device device	State:		<u>CLTD• 14571201</u>		

Click the + button 4 times.

4 lines are created:

Device Basics	🏝 Mobility M	Management	🛓 Call Cor	ntrol 🚴 HTTP	🏝 SUOTA	🛓 Firmware Update	e 👌 Image Control	🏝 USB
calls 🌲 🗸 C es	all management	✓ Actions	<ul> <li>Log calls</li> </ul>	PP Locator	MWI 0		> Lines	Close
#     Name     PPs       0     VOIP     -       1     Skype     -       2     Lync     -       3     FXO     -		Allowed Allowed Allowed	-	Inactive;*31#;#31# Inactive;*31#;#31#	; Inactive;*21*# ; Inactive;*21*# ; Inactive;*21*#	;#21#;96322300 Inac ;#21#;96322300 Inac	CFNA tive (20 sec);*61*#;#61#; tive (20 sec);*61*#;#61#; tive (20 sec);*61*#;#61#; tive (20 sec);*61*#;#61#;	;12345678 ;12345678
↓ _								)
	eleased mary Seconda	Reason:	dec Digits	Call 2	Released	Reason: CLTD: 14571	20111	
	· · ·	-	    					
Edit activationCo :21:42:116: :21:42:116: :21:42:132:	27 API_IE_L able=1, Pin ie='#67#', FPCC: Alloc FPCC: EvtLi API_LAS_END API_LAS_END	AS_CALL_FOR Protected=0 CfNumber='8 ate eid=4 1 neCfgChange _SESSION_RE _SESSION_CFI	WARDING_C , State=4 7654321' id=3 d 3 Q Session M Session	FB:	1	ActivationCode=	'*67* <b>#</b> ',	<u>ا</u>

Click the "> Lines" button to hide line configuration.

Select the "Mobility Management" tab:

	🏝 Mobility Management	🛓 Call Control	🛓 НТТР	🏝 SUOTA	🛓 Firmware Update	唐 Image Control	🏝 USB
ase		Registration			Deregistration		Close
RFPI: 000CD109	78	✓ Timeout	120 sec 🌲	Enable	Deregister		
Model: 0000.00		✓ Auto-disable	2	Disable	Clear All		
Name:	Set	Desistru	tion				
AC:	0000 Set	Registra disabl				<b>—</b>	Capabilitie
	Iodel Codecs Name Call In	terception Capabi	lities				
	· · · ·	· · ·					
3 4	· · · ·	· · ·					
  	   	· · ·					
3 4 5 5		· · ·					
3 4 5 5							
: ; ; ;	38.37.36.35.34.33.32.						
3 4 5 5 6  0x102	7 API_IE_LAS_CALL_FOR	RWARDING_CFB:		EACTIVATE),	ActivationCode='*	67* <b>#</b> ',	
23 24 25 23.36.37.23. - 0x102 Edita activationCod	27 API_IE_LAS_CALL_FOP able=1, PinProtected=0 le='#67#', CfNumber='8	RWARDING_CFB: 0, State=48(AP) 87654321'		EACTIVATE),	ActivationCode='*	67* <b>#</b> ',	
ce .23.36.37.23. _ 0x102 Edita activationCod :21:42:116: F	7 API_IE_LAS_CALL_FOF ble=1, PinProtected=0 le='#67#', CfNumber='8 FPCC: Allocate eid=4 D	RWARDING_CFB: 0, State=48(AP) 87654321' lid=3		EACTIVATE),	ActivationCode='*	67* <b>#'</b> ,	
- 0x102 Edita activationCod :21:42:116: F :21:42:116: F	7 API_IE_LAS_CALL_FOP able=1, PinProtected=0 le='#67#', CfNumber='8 PPCC: Allocate eid=4 1 PPCC: EvtLineCfgChange	RWARDING_CFB: 0, State=48(AP) 87654321' 1id=3 ed 3	I_LAS_CF_DI		ActivationCode='*	67*# <b>',</b>	
<pre>3 4 5 5 5 6 ce .23.36.37.23.</pre>	7 API_IE_LAS_CALL_FOF ble=1, PinProtected=0 le='#67#', CfNumber='8 FPCC: Allocate eid=4 D	RWARDING_CFB: 0, State=48(AP: 87654321' lid=3 ed 3 EQ SessionIdent	I_LAS_CF_DI tifier=0x11	L	ActivationCode='*	67* <b>#</b> ',	

Enter a base name e.g. "DONGLE" and click the Set button. Cat-iq handsets will show this base name during registration.

Click the registration enable button and perform registration from the handset.

	🏝 Mobility Management	🛓 Call Control	🛓 НТТР	🏝 SUOTA	🚖 Firmware Update	🏝 Image Control	🏝 USB
ase		Registration			Deregistration		Close
RFPI: 000CD109	178	✓ Timeout	120 sec 🌲	Enable	Deregister		
Model: 0000.00		✓ Auto-disable		Disable	Clear All		
Name:	CVM493 Set	V Auto-disable	-	Disable			
		Registra					
AC:	0000 Set	disabl	ed			<	Capabilitie
Status I	PUI Model Cod	lecs Name	Call Intercept	ion Capabiliti	es		
Located 002A	E00280 0FEB.02 G.722, G.7	11a, G.726 DECT 1	Allowed	Wideban	d, Extended Wideband, A	Associated Melody	
						-	
		-	-	-			
-			-	-			
-	· · · ·		-	-			
-	· · · ·	· · ·	-	-			
	· · · ·	· -	-	-			
	· · · · ·	  	-	-			
			-	-			
			-	-			
- - - -		·		- - - -			
	PDCC: Ended operation	    	-	-			
! - ; - ; - ; - ; - ; - ; :29:48:090: I	PPCC: Ended operation			- - - -	CADARTITY DSS M	D DEVICE DES NO	
	API_FWU_STATUS_IND	Idle Status[7]=		- - - - :ss, rss_NO	_CAPABILITY, RSS_NC	D_DEVICE, RSS_NO	
- - - - - - - - - - - - - - - - - - -	API_FWU_STATUS_IND : RSS_NO_DEVICE, RSS_N	Idle Status[7]= 0_DEVICE,		- - - - : : : : : : : : : : :	_CAPABILITY, RSS_NO	D_DEVICE, RSS_NO	
- - - - - - - - - - - - - - - - - - -	API_FWU_STATUS_IND : RSS_NO_DEVICE, RSS_N WU: EvtStatus 1 8=No	Idle Status[7]= O_DEVICE, capability		- - - - : : : : : : : : : : : : : : : :	_CAPABILITY, RSS_NC	D_DEVICE, RSS_NO	
	API_FWU_STATUS_IND : RSS_NO_DEVICE, RSS_N WU: EvtStatus 1 8=No WU: EvtStatus 2 5=No	Idle Status[7]= 0_DEVICE, capability device		- - - - : : : : : : : : : : : : : : : :	_CAPABILITY, RSS_NG	D_DEVICE, RSS_NO	
2 - 3 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	API_FWU_STATUS_IND : RSS_NO_DEVICE, RSS_N WU: EvtStatus 1 8=No WU: EvtStatus 2 5=No WU: EvtStatus 3 5=No	Idle Status[7]= O_DEVICE, capability device device		- - - - :ss, rss_no	_CAPABILITY, RSS_N(	D_DEVICE, RSS_NO	
2 - 3 - 4 - 5 - 5 - 29:48:090: I :29:48:1090: I :29:48:137: I :29:48:137: I :29:48:137: I	API_FWU_STATUS_IND : RSS_NO_DEVICE, RSS_N WU: EvtStatus 1 8=No WU: EvtStatus 2 5=No	Idle Status[7]= O_DEVICE, capability device device		- - - 255, RSS_NO	_CAPABILITY, RSS_NG	D_DEVICE, RSS_NO	
2 - 3 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	API_FWU_STATUS_IND : RSS_NO_DEVICE, RSS_N WU: EvtStatus 1 8=No WU: EvtStatus 2 5=No WU: EvtStatus 3 5=No	Idle Status[7]= 0_DEVICE, capability device device device		- - - 255, RSS_NO	_CAPABILITY, RSS_NG	D_DEVICE, RSS_NO	

#### Additional information for RTX3740

#### **Regulatory information United States**

This device 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.

NOTE: This equipment 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 of 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.

Modifications not expressly approved by RTX Products could void the user's authority to operate the equipment. For body worn operation, this device has been tested and meets the FCC RF exposure guidelines, and the device should be installed and operated with minimum distance 5mm between the radiator& your body.

#### **Regulatory information Canada**

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

The device is compliance with SAR evaluation limits, users can obtain Canadian

information on RF exposure and compliance

Le présent appareil est conforme

Après examen de ce matériel aux conformité ou aux limites d'intensité de champ SAR,

les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité and compliance d'acquérir

les informations correspondantes