





Guide de configuration et d'activation d'un modem iDirect IQ

Charger le logiciel		Ma	nage Software Packages & Configur	ation Files			
Velocity Software	Manage Software Package	S			Reboot Terminal		
2.0.1.2	Upload Software Package: Sel	ect Files Installing 🔇 10	00% 🕧				
Si vous ne l'avez pas sur	Software	Package Name	Creation Date	Version			
votre PC, vous le	active1	Evolution Remote	03/13/2018	21.0.0.4-44	Activate Software Package		
trouverez sur notre site	activeO	Evolution Remote	03/13/2018	21 0 0 4-44	Artivate Software Package		
Web :	activeo	Evolution nemote	03/13/2010	21.0.0.4-44	Activate Software Lackage		
Telechargerici	factory	Evolution Remote	03/13/2018	21.0.0.4-44	Software package is currently active		
	Configuration Files				Continue without changes Continue		
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modem aura rebooté.	Manage Software Fackage.	5			V 1 Success V OFFrors V OWArnings X		
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type Velocity Remote	Partition	Туре	Description	Version	• The release has been activated.		
puis rebooter à	active1	Evolution Remote	iDirect Remote Terminal Application	21.0.0.4-44	Activate Software Package		
nouveau le modem	active0	Velocity Remote	iDirect Remote Terminal Application	2.0.0.1-3477	Activate Sontw Package		
nouveau le modelli	factory	Evolution Remote	iDirect Remote Terminal Application	21.0.0.4-44	Software package is currently active		
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	Description	Filename V	ersion Date Size				
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Décompresser	<i>iDirect</i>	NET O	Status Tx Rx1 Rx2 T	EMP Fan	Remote is in commissioning mode Exit commissioning mode		
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Liste des fréquences de pointage selon le Beam sur lequel la configuration de votre modem a été établie d'après le nom de ville et/ou les coordonnées GPS que vous avez donné à DSD lors de votre demande d'abonnement

BEAM	Frequency	Symbol Rate	Bitmask	RxPol	TxPal
FUS-IS33-C4L-K17H.C1	12182.950	10140	6	Horizontal	Vertical
FUS-1S33-C4L-K60H.C1	11521.593	15000	6	Horizontal	Vertical
FUS-IS33-C4L-K61H.C1	11151,31	22730	6	Horizontal	Vertical
FUS-IS37-KaiL-K11V.C1	12700.525	14820	5	Vertical	Horizontal
FUS-IS37-KaiL-K12V.C1	11481.233	30120	5	Vertical	Horizontal
FUS-IS37-KaiL-K16H.C1i	11673.936	14820	5	Horizontal	Vertical
FUS-IS37-KaiL-K17H.C1	12606.755	14820	5	Horizontal	Vertical
FUS-1S37-KaiL-K22V.C1	11155.713	9650	5	Vertical	Horizontal
FUS-1S37-KaiL-K23H.C1i	11173.079	15640	6	Horizontal	Vertical

IS-37e: Beams: K11, K12, K16, K17, K22, K23







Recopier les informations envoyées par DSD:

- RF Frequency-
- Mhz
- Modulation-
- Symbol rate-
- Rolloff-
- Receive
 Polarization-
- Transmit
 Polarization-

 Vous devez entrer "0" pour la « Latitude Variance » et aussi pour la « Polarization Skew » (c'est un bug



iDirect)	
Sélectionner	
"Continue and	
position antenna"	



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Mesure du point de compression P1dB Appeler DSD qui vous fournira la fréquence de test et entrer la fréquence:

- RF Uplink
 Frequency
- Modulation: CW

Sélectionner "Turn on Signal"

DSD vous guidera et vous dira quelle valeur entrer comme Transmit Power

- Sélectionner "Apply"
- Suivre les instructions jusqu'à la fin de la mesure du point P1dB
- Écrire la valeur du P1dB mesurée par DSD et qui vous sera indiquée

Sélectionner "Turn off signal and complete"

Mesure de la puissance Max de transmission DSD vous indique les valeurs à entrer:

- RF Uplink Frequency
- Modulation: BPSK
- Symbol Rate

DSD vous indique quelle valeur de L Band Transmit Power entrer

DIRECT	NET		Rx1 Rx2 TEMP	Fan	^{Re}	mote is in commiss Exit commissioni	ioning mode ng mode
ard Details 🗸 Comr	missioning 🗸 Administration	•					admin 🗸
missioning Wizard							
(2)(3 (4	5	-6-7-	8	9		-0
				P1dB test			
		I	P1dB test				
Transmit Frequency			Modulator				
RF Uplink Frequency	14,242.000000	MHz (0 - 40000)	Modulation	CW	~		
BUC LO Frequency	13050 MHz		Symbol Rate Ksps (128 - 7500)		\$		
L-Band Tx Frequency	1192.000000 MHz						
Transmit Power							
Adjust L-Band Transmit Power	-23	🗘 dBm (-35 - 3)					
		Do not turn signal on u	ntil instructed to do so by the NOC				
	Ob Ver	otain the 'RF Uplink Frequ ify the L-Band Tx Frequen	iency' above from the satellite pro-	rider. rrator.			
	In order to	o start Cross Pol/P1 dB tes	st, the Remote needs to have down	stream lock.			
	Once st	arted, this modem will sta	art transmitting a signal as configu	red above.			
		Turn on signal	Turn off signal and comp	ete			
					_		
						Continu	2
						Continu	2
	NET	Status Tx	Rx1 Rx2 TEMP	Fan		Continue emote is in commi	e sioning mode
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i D I R E C T oard Details ~ Comr missioning Wizard 2	Mer Missioning ~ Administration	Status Tx	Rr1 Rr2 TEMP	Fan	۹	Continue emote is in commi Exit commission	e ssioning mode ing mode admin ~ 11
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- Sélectionner "Apply"
- Continuer à suivre les instructions de DSD jusqu'à la fin des mesures
- Ecrirer la valeur indiquée par DSD au niveau du Max Transmit



Guide de configuration et d'activation d'un modem iDirect IQ



DSD

