How to test the Controllercom logger communications using a mobile phone

1. Wake the Controllercom modem using one of the following procedures
   a. swipe one side of the Controller Com with a magnet between the centre pair of lugs (you can use the magnetic base of the Controller Com aerial), an LED will illuminate green. Now swipe the other side of the Controller Com, again between the centre pair of lugs, the LED will now illuminate red. The modem will now remain active for 4 minutes.
   b. Alternatively connect a PC to the Controller com and using Radterm Software send a …Modem command which will wake the modem for 4 minutes.

2. Using a mobile phone send the loggers phone number a **Head#** text message.
3. You should now receive a response on the mobile phone to the Head# text message which will include the following information -

Message	Description
Head	Original command text without #
V 01.00	Firmware version in Logger.
H T	Header and Logger Type (33)
+CSQ: nn	Signal strength nn (nn = 6 to 30)
cccccc	Message counter (Total no. Of messages sent by logger)
LTime hh:mm dd-mm-yy	Logger Time and Date
tt	Time shift between GMT and local time in ¼ hours
Stime1 hh:mm dd-mm-yy	Start Time for Recording 1 (Main Recording)
SR1 hh:mm	Sample Rate for Recording 1
Status	Recording Status (Recording, Waiting).
SSSS	Recording Status of each channel SSSS = 1100 means Ch1 & Ch2 enabled for recording GSM modem on times etc. (Hex format)
"TTTTTTT	TTTTTTT = Total GSM N time in seconds.
OOOO	OOOO = Total no. of messages sent
IIII	IIII = Total number of messages received.
NNNN"	NNNN = Total no.of times the modem has been powered ON

Document History:

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