

Re: cant connect using at commands

Source: <http://newsgroups.derkeiler.com/Archive/Comp/comp.dcom.modems/2005-08/msg00020.html>

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 - *Date:* 5 Aug 2005 00:36:50 -0700
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what exactly i am trying to do is implementing this "ETSI ES 201 912" standard.

it is " Short Message Communication between a fixed network Short Message Terminal equipment and a Short Message Service Centre "

http://webapp.etsi.org/exchangefolder/es_201912v010201p.pdf

the physical layer of the protocol2 defined in this document refers to another standard

http://webapp.etsi.org/exchangefolder/en_30065901v010301p.pdf

"ETSI EN 300 659" which tells

"Simplex asynchronous voiceband data transmission technique is used to transfer data to the TE. A frequency modulator is required in the LE and a demodulator in the TE. The frequency modulator shall meet 1 200 baud V.23 [6] standard characteristics as specified in ITU-T Recommendation V.23 [6] for the forward data transmission channel"

so its asynchornous. one start bit, 8 data bits and one stop bit. but i dont understand why do you say that a steady tone of some frequency should be heard ?

when i dial the telephone from some other phone, and when the telephone is expecting the SMS (rather than an ordinary call), a small beep is heard. which i know is the fist fsk frame that that telephone was supposed to transmitt, which consists of 300 alternating mark and space bits followed by 80 mark bits. after transimtting this the telephone waits for the SMS .. and when it is not transmitted within a defined time, it transmitts another signal (which represents error) and hangs up.

now is there any meathod to capture these bits ? when there is no CONNECT or CON or something...

thanks for your help

Somia

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- *Follow-Ups:*
 - ◆ *Re: cant connect using at commands*
 - ◇ *From: Aaron Leonard*

 - *References:*
 - ◆ *cant connect using at commands*
 - ◇ *From: Somia*
 - ◆ *Re: cant connect using at commands*
 - ◇ *From: Aaron Leonard*

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