Colony - Bug #480

XBee dongle: undefined output after 0

04/28/2009 11:11 AM - Martin Herrmann

Status:	Worksforme	**Start date:**	04/28/2009
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Wireless	**Estimated time:**	0.00 hour
Target version:			

Description

When a packet containing a zero byte is received, random data may be output by the dongle. The problem does not seem to occur with an XBee on a Dragonfly board.

For example (hex data):
Packet data: 01 02 00 03 04
Output by the dongle: 01 02 00 xx yy (where xx and yy are random values)

To look at the data, I used and XBee dongle connected to a Linux machine running GtkTerm in Hex mode.

History

#1 - 10/12/2009 12:40 AM - Ryan Cahoon

- Status changed from Assigned to Worksforme

I don't seem to have this problem. sending packet 0 1 0 3 4 0 6 7 8 0 10 11 12 13 0 15 17 (for example) is received properly.

Why are you using GtkTerm to look at the data? The robots run in API mode, which serializes the packet data somehow (with checksums, etc, i think). Were you using transparent mode instead?