

## Redmine - Defect #18680

### simultaneous dual-dongle data collection

2014-12-18 16:39 - Salvatore Micheal

|  |          |                          |           |
|--|----------|--------------------------|-----------|
| <b>Status:</b>   | Closed   | <b>Start date:</b>       |           |
| <b>Priority:</b>   | Normal   | <b>Due date:</b>         |           |
| <b>Assignee:</b>   |          | <b>% Done:</b>           | 0%        |
| <b>Category:</b>   | Projects | <b>Estimated time:</b>   | 0.00 hour |
| <b>Target version:</b>   |          | <b>Affected version:</b> |           |
| <b>Resolution:</b>   | Invalid  |                          |           |
| <b>Description</b>   |          |                          |           |
| dear friends,  |          |                          |           |
| i'm attempting to perform what i call data-interferometry on simultaneous processing of split analog signal with two dongles driven by GRC. at one point, as if by magic, both dongles were gathering data simultaneously with one processing real dish signal while the other had no physical connection; a visible discernable difference was detected over many hours of intense observation. here are the image captures of when it normally is not working: |          |                          |           |
| <a href="https://www.msu.edu/~micheal/usb-devices.png">https://www.msu.edu/~micheal/usb-devices.png</a>  |          |                          |           |
| <a href="https://www.msu.edu/~micheal/dongle-control-diagram.png">https://www.msu.edu/~micheal/dongle-control-diagram.png</a>  |          |                          |           |
| <a href="https://www.msu.edu/~micheal/output.png">https://www.msu.edu/~micheal/output.png</a>  |          |                          |           |
| the 1st image is of the attached USB devices to this Linux computer.   |          |                          |           |
| the 2nd image is the GRC flow-diagram associated with this endeavor.   |          |                          |           |
| the 3rd image reflects the typical non-working output of the SDR processes.  |          |                          |           |
| again, the strange factor is that it worked at one point producing waterfall for both dongles .. any positive attention or assistance will be greatly appreciated.   |          |                          |           |
| salvatore gerard micheal, kg4ggo, version 3.6.5.1  |          |                          |           |

#### History

##### #1 - 2014-12-19 01:16 - Jérôme BATAILLE

Not shure this is related to Redmine :-)

##### #2 - 2014-12-19 02:19 - Salvatore Micheal

Jérôme BATAILLE wrote:

Not shure this is related to Redmine :-)

plz 4give me if so .. i found this site associated with gnradio.org and unable to post there, found this site associated and accessible? :) sam :)

##### #3 - 2014-12-20 08:29 - Jean-Philippe Lang

- Status changed from New to Closed

- Resolution set to Invalid