

## rtl-sdr - Bug #3797

### Exits with "Bus error"

02/12/2019 02:28 PM - gilani

<b>Status:</b>	New	<b>Start date:</b>	02/12/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>			
<b>Target version:</b>			
<b>Spec Reference:</b>			
<b>Description</b>			
<p>Hi, I have an SDR dongle connected on a Raspberry Pi 3 running Kali Linux Arm64.</p> <p>The SDR itself I bought from here:</p> <p><a href="https://web.archive.org/web/20190212141813/https://www.aliexpress.com/item/100KHz-1-7GHz-Full-Band-UV-HF-RTL-SDR-USB-Tuner-Receiver-R820T-8232U-Ham-Radio/32859880270.html">https://web.archive.org/web/20190212141813/https://www.aliexpress.com/item/100KHz-1-7GHz-Full-Band-UV-HF-RTL-SDR-USB-Tuner-Receiver-R820T-8232U-Ham-Radio/32859880270.html</a></p> <p>Trouble is, whenever I connect to the rtl_tcp server remotely, it exits:</p> <pre>tl_tcp -a 192.168.200.132 Found 1 device(s):  0: Realtek, RTL2838UHIDIR, SN: 00000001  Using device 0: Generic RTL2832U OEM Found Rafael Micro R820T tuner [R82XX] PLL not locked! Tuned to 100000000 Hz. listening... Use the device argument 'rtl_tcp=192.168.200.132:1234' in OsmoSDR (gr-osmosdr) source to receive samples in GRC and control rtl_tcp parameters (frequency, gain, ...). client accepted! 192.168.200.102 64098 Allocating 15 zero-copy buffers Bus error</pre> <p>Testing with the -t flag is fine:</p> <pre>rtl_test -t Found 1 device(s):  0: Realtek, RTL2838UHIDIR, SN: 00000001  Using device 0: Generic RTL2832U OEM Found Rafael Micro R820T tuner Supported gain values (29): 0.0 0.9 1.4 2.7 3.7 7.7 8.7 12.5 14.4 15.7 16.6 19.7 20.7 22.9 25.4 28 .0 29.7 32.8 33.8 36.4 37.2 38.6 40.2 42.1 43.4 43.9 44.5 48.0 49.6 [R82XX] PLL not locked! Sampling at 2048000 S/s. No E4000 tuner found, aborting.</pre> <p>But testing with a sample rate results in the same undesired behavior.</p> <pre>rtl_test -s 2048000 Found 1 device(s):  0: Realtek, RTL2838UHIDIR, SN: 00000001  Using device 0: Generic RTL2832U OEM Found Rafael Micro R820T tuner Supported gain values (29): 0.0 0.9 1.4 2.7 3.7 7.7 8.7 12.5 14.4 15.7 16.6 19.7 20.7 22.9 25.4 28 .0 29.7 32.8 33.8 36.4 37.2 38.6 40.2 42.1 43.4 43.9 44.5 48.0 49.6 [R82XX] PLL not locked! Sampling at 2048000 S/s.</pre>			

Info: This tool will continuously read from the device, and report if samples get lost. If you observe no further output, everything is fine.

```
Reading samples in async mode...  
Allocating 15 zero-copy buffers  
Bus error
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How do I keep this from happening?