

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

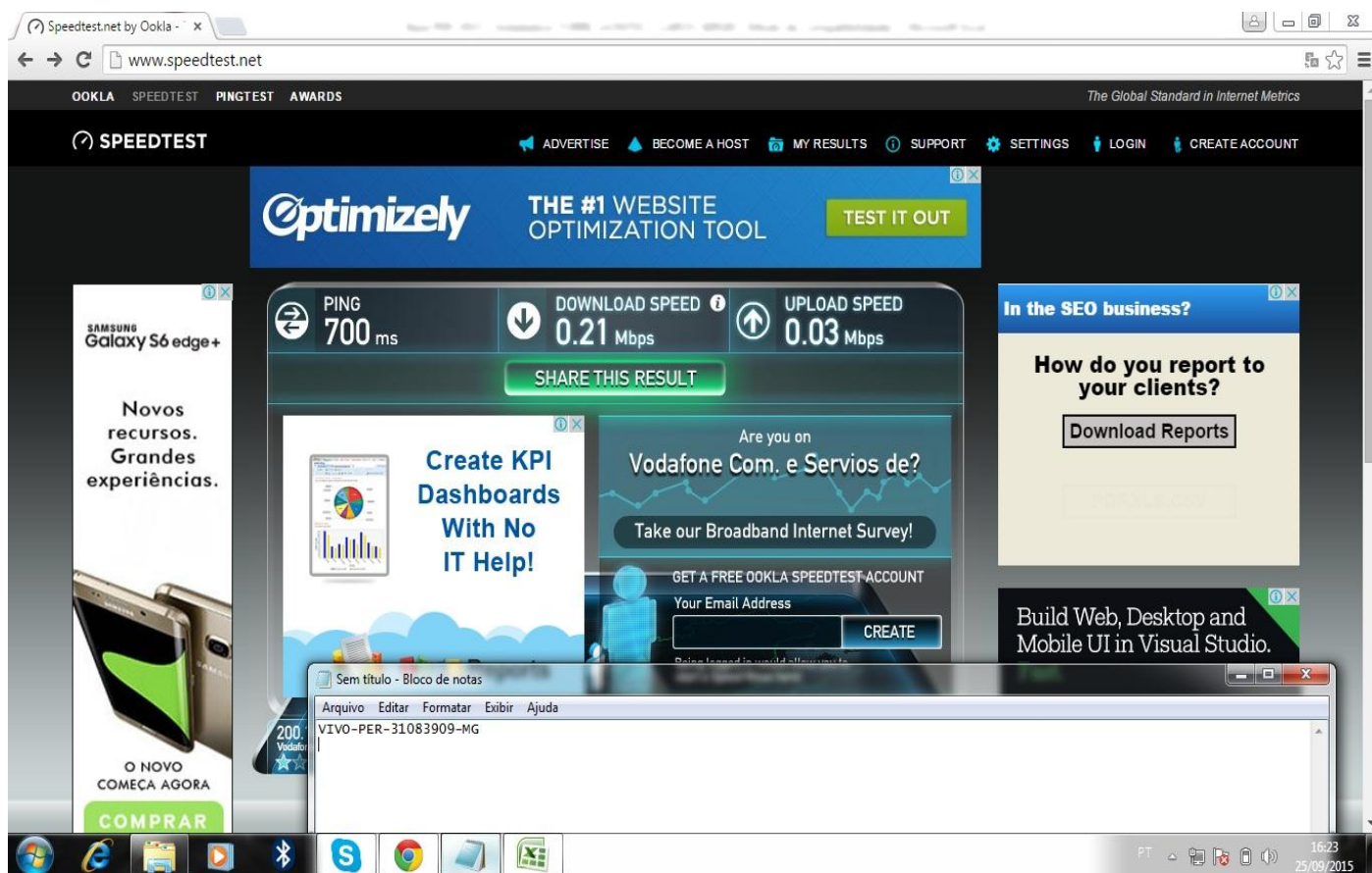
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31083909-MG

**Link kbps**  
256/128

**Plataforma**  
VSAT



# dvb tx show

## Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

## Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -20.1 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 47.7 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
```

```
Timing correction      : -200 us (260850 us)
Frequency correction: -250 Hz
# dvb rx show

Satellite (DVB) RX Configuration
-----
Auto start            : Enabled
Max MODCOD            : 23    16APSK-9/10 (SNR threshold: 23.5 dB)
RX watchdog           : 15 minute

Idx  Pri  SymbRate[Msp] Freq[GHz]  Mode  PopId  Enable
* 0  0      9.320000    12.055825 DVB-S2 4      Yes
   1  1      0.000000     0.000000 DVB-S2 2      No

Satellite (DVB) Receiver Status
-----
Rx State              : On
DVB State             : Forward link up
Network               : 1326, GlobalIP@Telstar-14R
Frequency             : 12.055645 GHz
Symbol Rate          : 9.319848 Msp
S2 ModCod
- receiving          : 1    QPSK-1/4
- current max       : 23    16APSK-9/10
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 15.0 dB
Input Power           : -27 dBm
#

IP DVB 10.53.0.210/32

Ping desde o MGMT- Server ao IP de trafego e para o DVB.

Ping desde dentro da VSAT 8.8.8.8

# ping 8.8.8.8
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=810 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=520 ms
64 bytes from 8.8.8.8: time=740 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 520/700/810 ms
#
```