

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

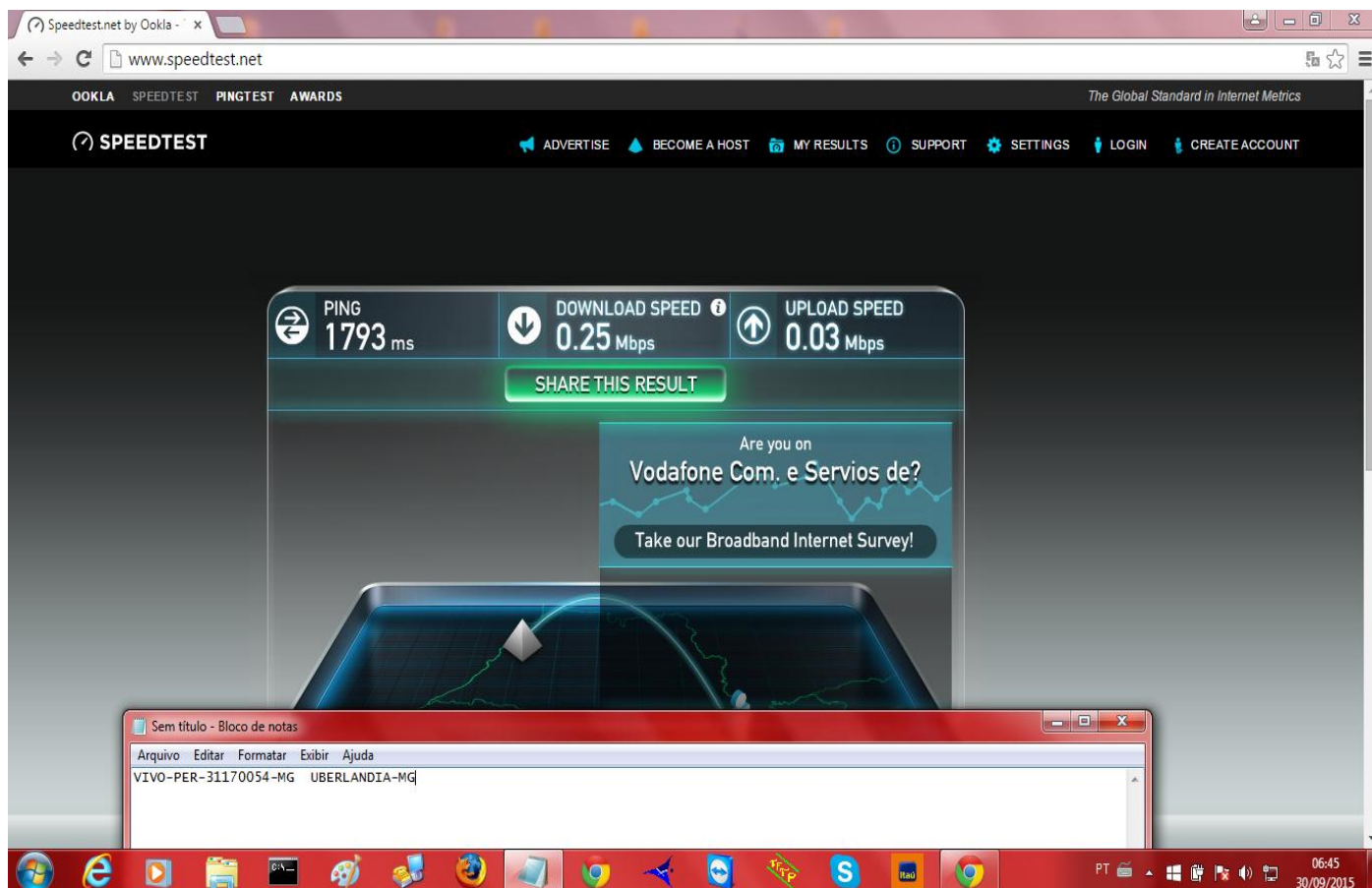
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31170054-MG

Link kbps
256/128

Plataforma
VSAT



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -18 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 34.2 dBm
EIRP                 : 47.5 dBW
Default CW Frequency : 14.162500 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -17.7 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Eb/No                : 14.0 dB
```

```
Header Compression : Disabled
Timing correction : -141 us (260633 us)
Frequency correction: -390 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 : 12.055850 GHz
Symbol Rate : 9.319835 Msp
S2 ModCod
  - receiving : 14 8PSK-3/4
  - current max : 23 16APSK-9/10
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 14.6 dB
Input Power : -28 dBm
#

IP DVB 10.53.0.245/32

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=760 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=530 ms
64 bytes from 8.8.8.8: time=1150 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 530/750/1150 ms
#
```