

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

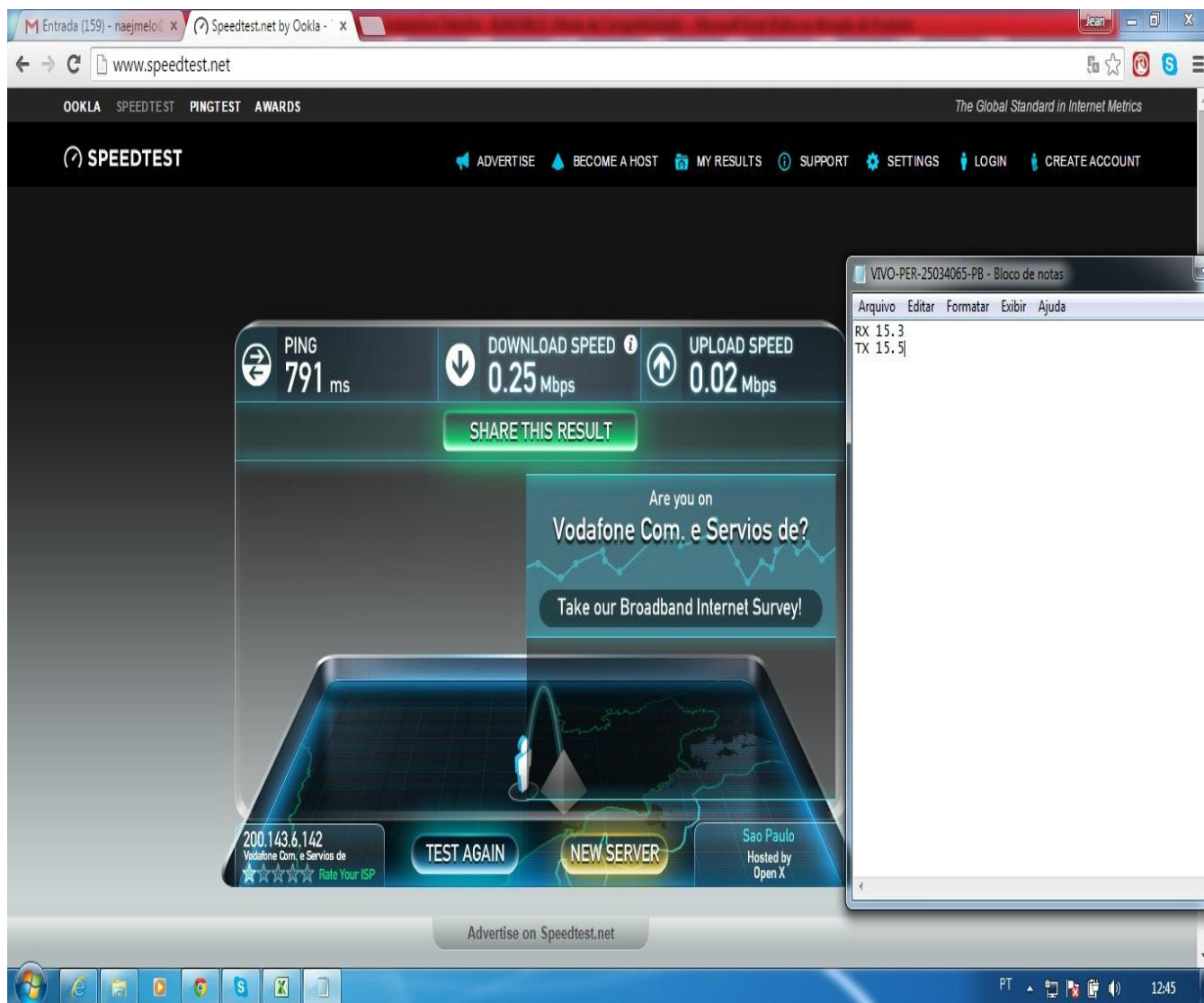
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-25034065-PB

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

# Satellite (DVB) Transmitter Status

-----  
State : On (TDMA)  
IDU Output Power : -17.2 dBm  
ODU Output Power : 33.6 dBm  
EIRP : 46.9 dBW  
Eb/No : 15.0 dB  
Header Compression : Disabled  
Timing correction : -73 us (261726 us)  
Frequency correction: -410 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/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	9.320000	12.055825	DVB-S2 4		Yes

# Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, GlobalIP@Telstar-14R  
Frequency : 12.055437 GHz  
Symbol Rate : 9.319902 Msp/s  
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 : 14.7 dB  
Input Power : -27 dBm  
#

IP DVB 10.50.0.28/32

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=710 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=530 ms
64 bytes from 8.8.8.8: time=1290 ms
64 bytes from 8.8.8.8: time=550 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 530/720/1290 ms
#
```