

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

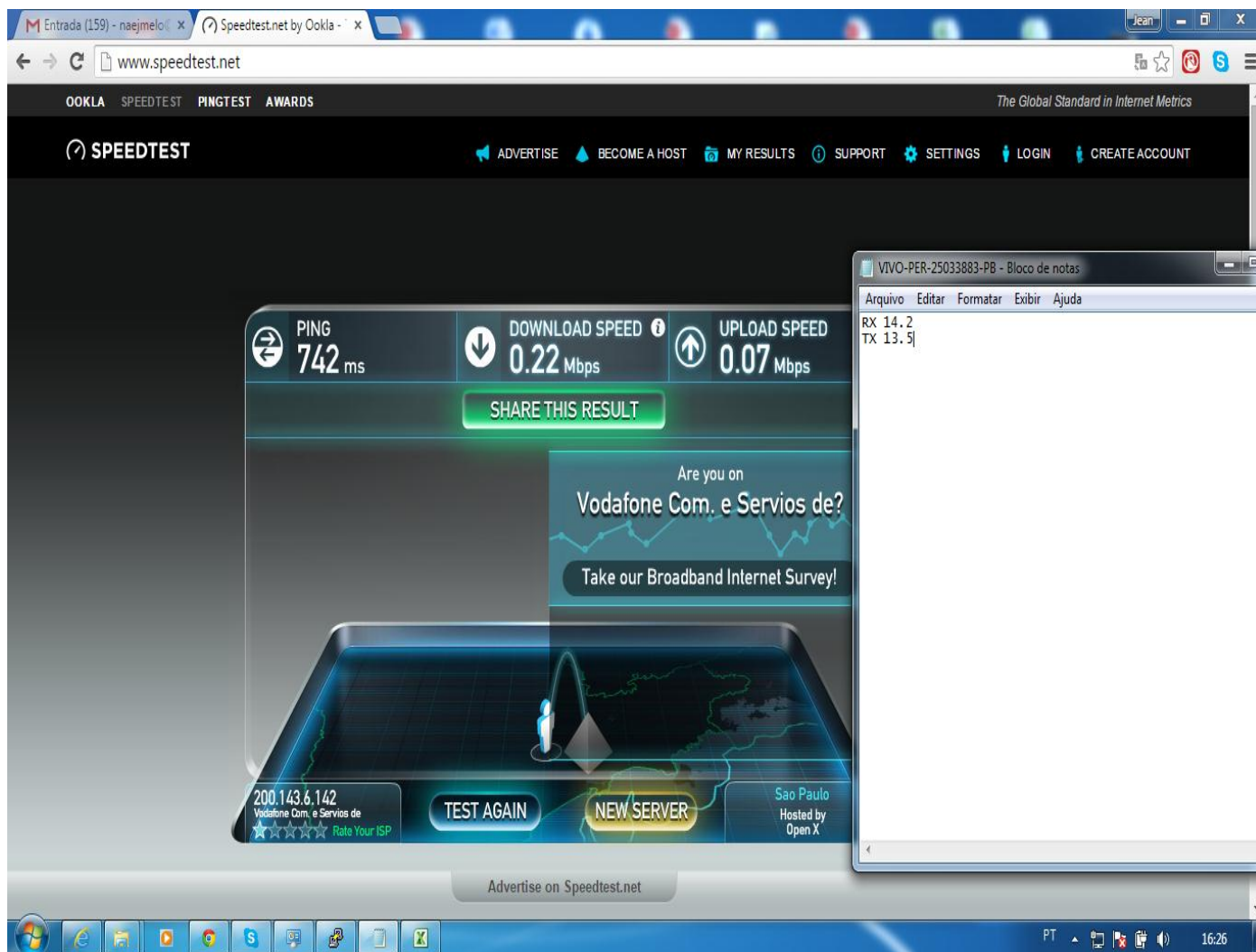
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-25033883-PB

**Link kbps**  
256k/128k

**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     : 34.2 dBm
EIRP                 : 47.5 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -17.4 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction     : -137 us (261717 us)
Frequency correction : -310 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             : 12.055696 GHz
Symbol Rate           : 9.320085 Msps
S2 ModCod
  - receiving         : 13    8PSK-2/3
  - current max       : 23    16APSK-9/10
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 13.4 dB
Input Power           : -31 dBm
#
```

IP DVB 10.50.0.29/32

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=540 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=520 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 520/590/760 ms
#
```