

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Renan Borges Sousa

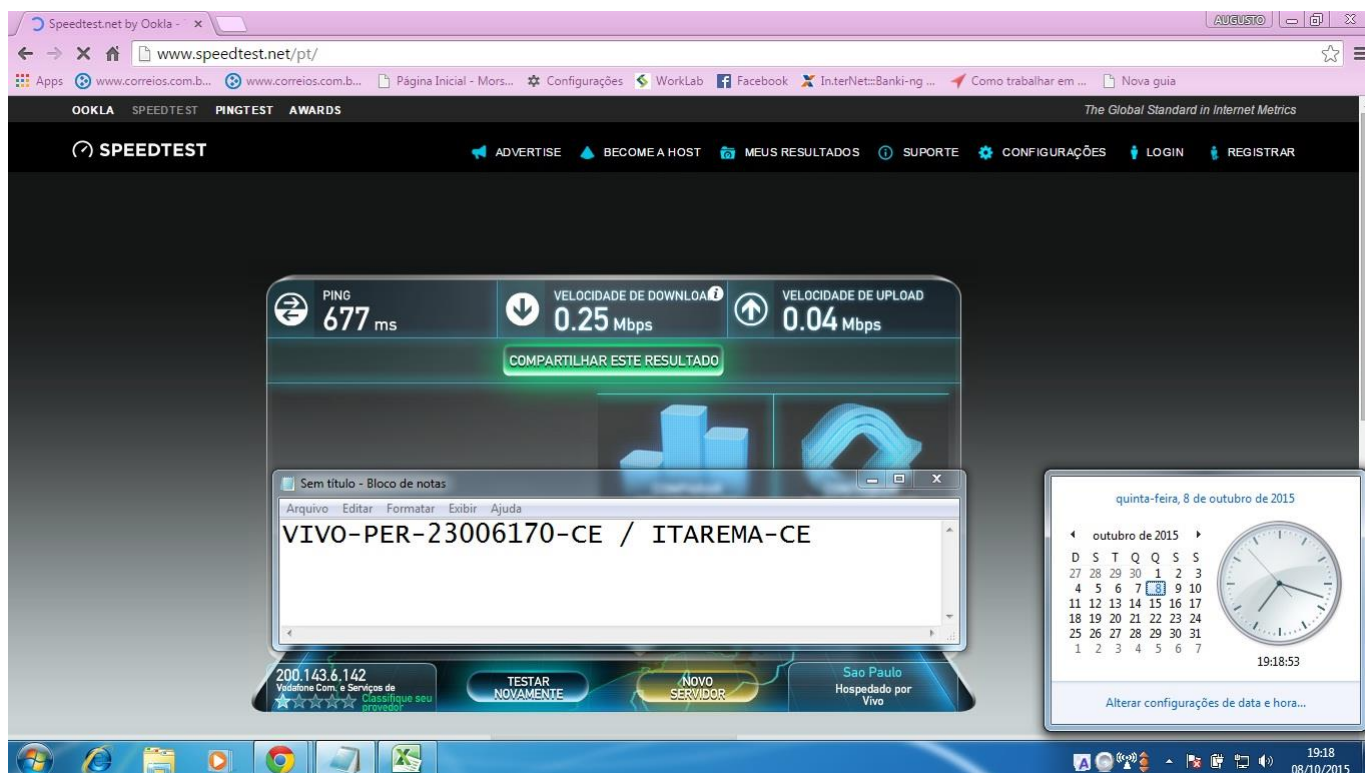
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23006170-CE

**Link kbps**  
256/128

**Plataforma**  
VSAT



```
#
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[Mbps]	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           : 12.055581 GHz
Symbol Rate        : 9.319881 Msps
S2 ModCod
- receiving        : 1   QPSK-1/4
- current max      : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 12.6 dB
Input Power         : -27 dBm
```

#

#### Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -15 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 : -25.3 dBm  
ODU Output Power : 33.8 dBm  
EIRP : 47.1 dBW  
Eb/No : 11.5 dB  
Header Compression : Disabled  
Timing correction : -227 us (260459 us)  
Frequency correction: -100 Hz

IP DVB 10.50.0.60/32

#ping 8.8.8.8

# 64 bytes from 8.8.8.8: time=1320 ms  
64 bytes from 8.8.8.8: time=910 ms  
64 bytes from 8.8.8.8: time=910 ms  
64 bytes from 8.8.8.8: time=920 ms  
64 bytes from 8.8.8.8: time=930 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 910/990/1320 ms