

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

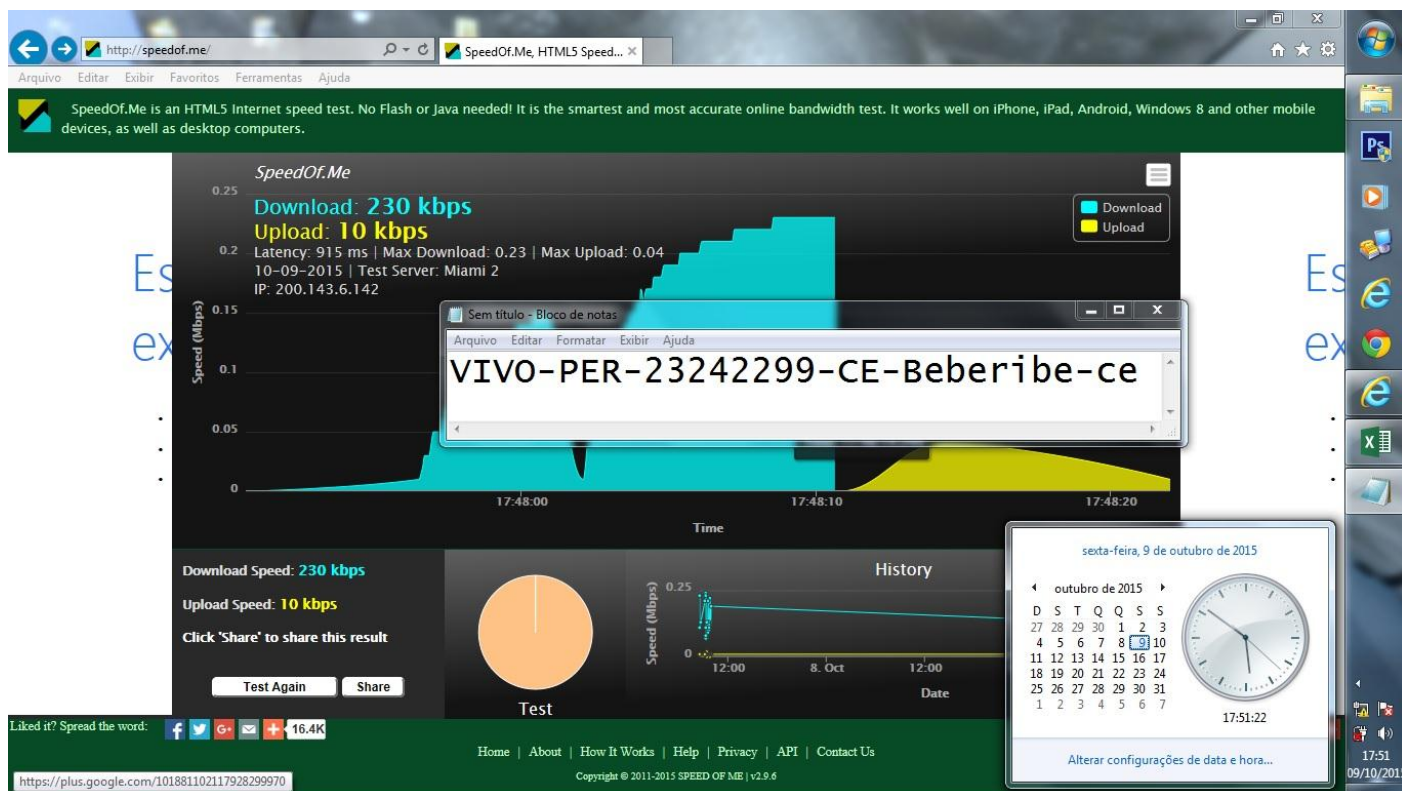
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-23242299-CE

**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: 14.162500 GHz
ATM mode             : VC-Mux
Header Compression   : None
  
```

Satellite (DVB) Transmitter Status

```

State                : On (TDMA)
IDU Output Power     : -23.1 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction     : -248 us (261135 us)
Frequency correction : -170 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[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 : 12.055960 GHz  
Symbol Rate : 9.320073 Mbps  
S2 ModCod  
- receiving : 15 8PSK-5/6  
- current max : 23 16APSK-9/10  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
Roll off : 0.25  
SNR : 13.6 dB  
Input Power : -27 dBm  
#

IP DVB 10.50.0.35/32

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=630 ms
64 bytes from 8.8.8.8: time=1110 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=740 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 4 received, 20.00 percent packet loss
rtt min/avg/max = 630/750/1110 ms
#
```