

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Renan Borges Sousa

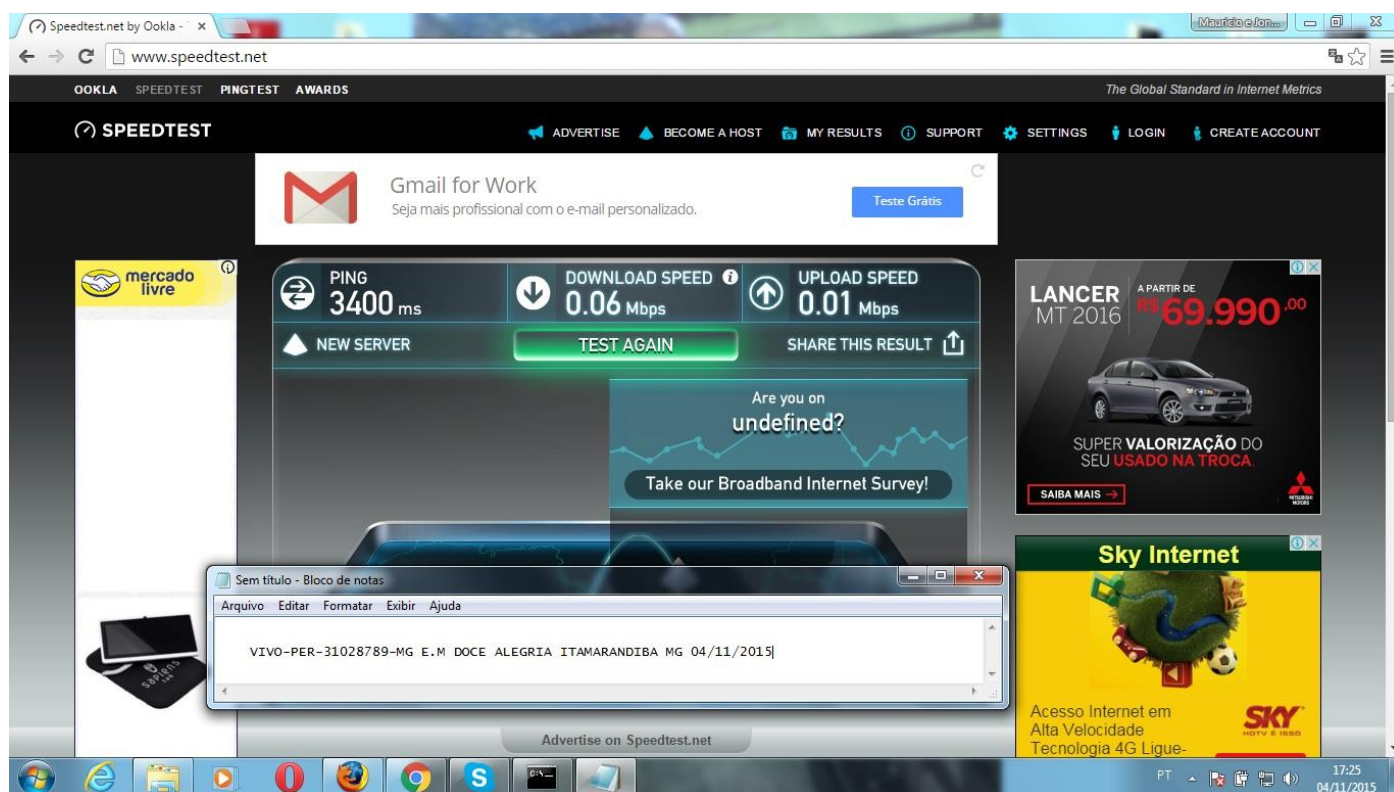
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31028789-MG

**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          : 12.056036 GHz
Symbol Rate       : 9.319928 Msps
S2 ModCod
- receiving        : 1   QPSK-1/4
- current max      : 23   16APSK-9/10
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 14.2 dB
Input Power        : -22 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None

Satellite (DVB) Transmitter Status
-----
State                : On (TDMA)
IDU Output Power     : -20.0 dBm
ODU Output Power     : 35.2 dBm
EIRP                 : 48.5 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -305 us (261644 us)
Frequency correction : -130 Hz
#

IP DVB 10.50.0.192/32

#
# ping 8.8.8.8
# 64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=600 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=610 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 600/650/730 ms
```