

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Jefferson de Souza Marques

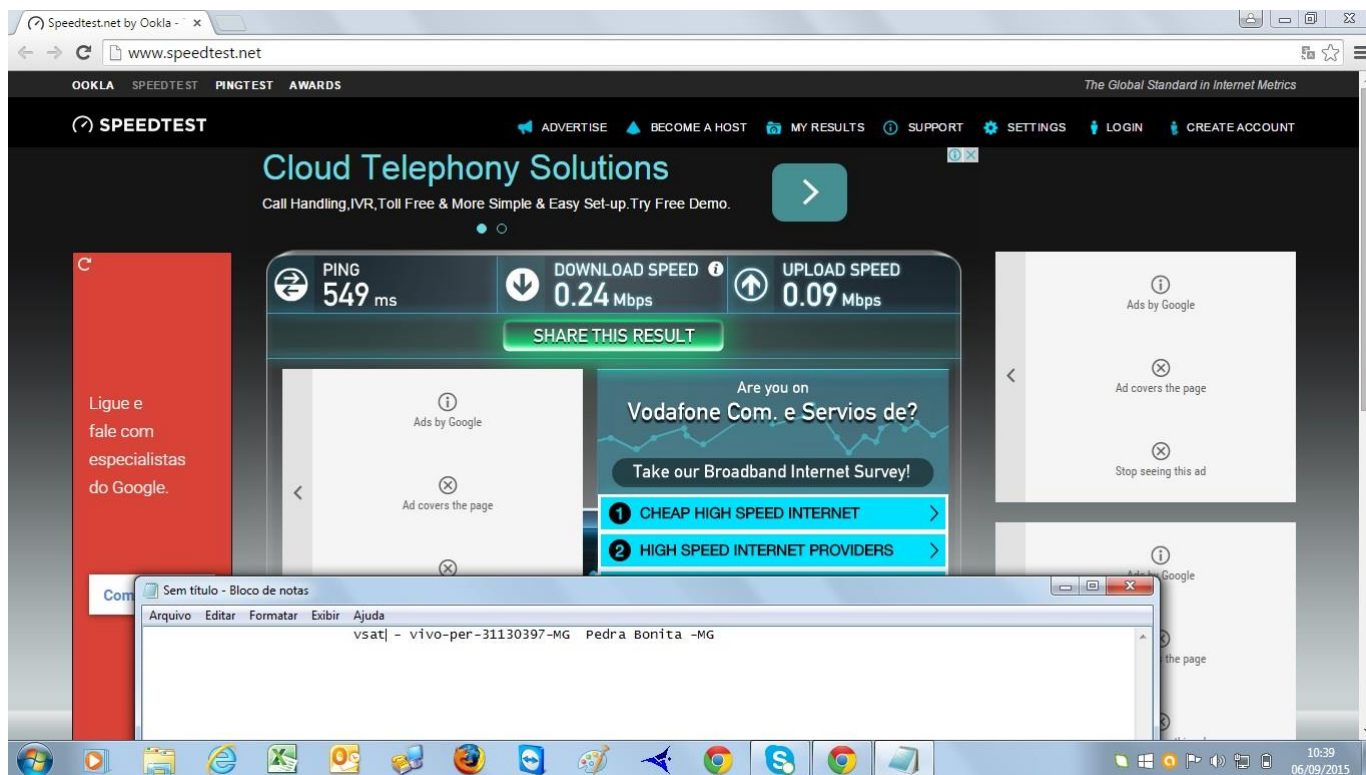
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31130397-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             : 12.055849 GHz
Symbol Rate           : 9.319974 Msps
S2 ModCod
- receiving           : 16   8PSK-8/9
- current max         : 15   8PSK-5/6
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
Roll off              : 0.25
SNR                   : 14.5 dB
Input Power           : -24 dBm
```

# Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -30 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 : -27.0 dBm  
ODU Output Power : 33.8 dBm  
EIRP : 47.1 dBW  
Es/No : 14.1 dB  
Header Compression : Disabled  
Timing correction : -197 us (262473 us)  
Frequency correction: -140 Hz

IP DVB 10.53.0.151/32

#ping 8.8.8.8

64 bytes from 8.8.8.8: time=740 ms  
64 bytes from 8.8.8.8: time=920 ms  
64 bytes from 8.8.8.8: time=1090 ms  
64 bytes from 8.8.8.8: time=740 ms  
64 bytes from 8.8.8.8: time=1110 ms

--- 8.8.8.8 ping statistics ---

5 packets transmitted, 5 received, 0.00 percent packet loss  
rtt min/avg/max = 740/910/1110 ms