

**Solicitante:** VIVO- Projeto Escolas Rurais

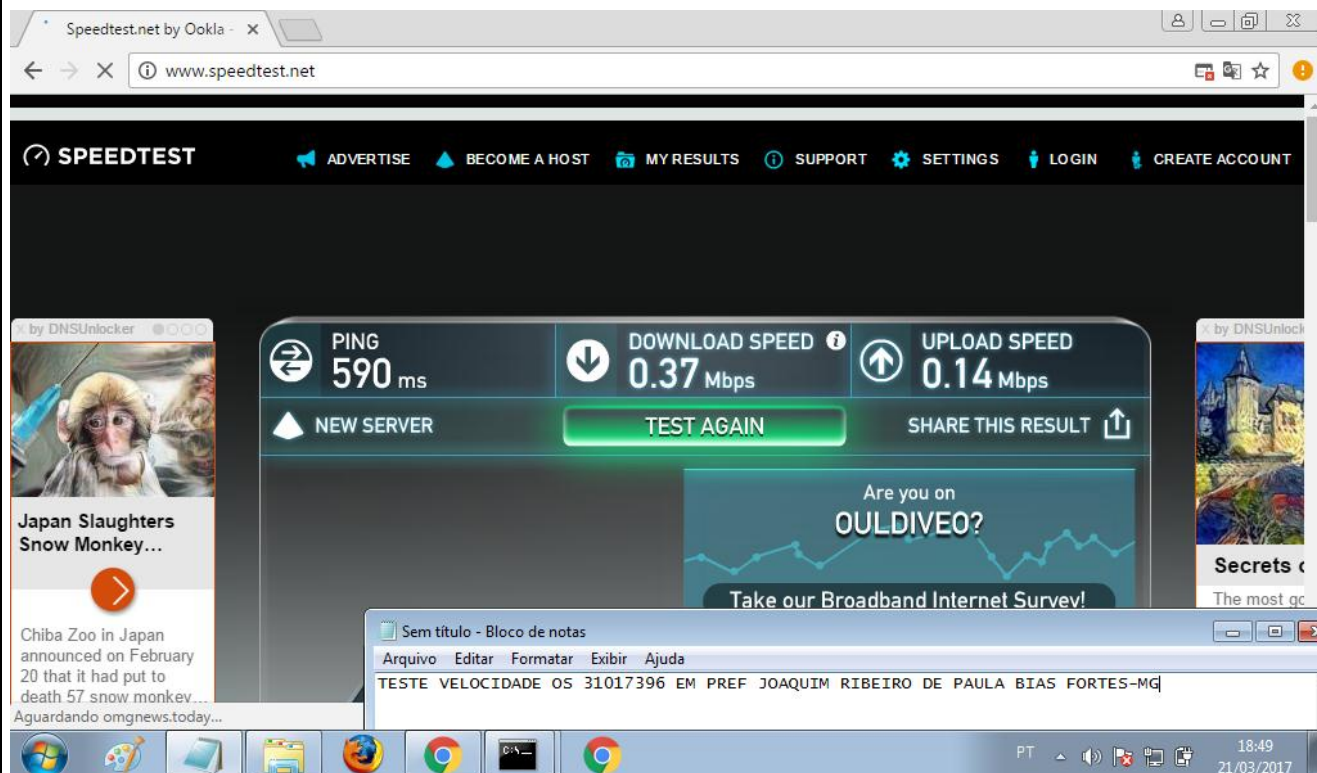
**NOC/Operador:** Guilherme Ribeiro

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31017396-MG

**Link kbps**  
256k/128k



# device show

System Information:

```
Name          : VIVO-PER-31017396-MG
Location       : MG
Contact        :
System Up time : 0 days, 15:14:33
CPU Load       : 14%
System time(UTC) : 22 March 2017 13:33:39
Broadcast Message : not set
```

HW:

```
Model          : SatLink 2000
HW ID          : 120033
Main board ID  : 120026 R6.2
```

MAC addresses:

```
Ethernet (LAN) : 00:20:0e:10:88:fd
Satellite (DVB) : 00:20:0e:10:88:fd
```

# dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled  
IDU Output Power : -20 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 (DVB-RCS2)  
IDU Output Power : -9.7 dBm  
ODU Output Power : 32.8 dBm  
EIRP : 46.1 dBW  
Es/No : 14.0 dB  
Header Compression : Disabled  
Timing correction : -133 us (262435 us)  
Frequency correction: -370 Hz  
# dvb rx show

Satellite (DVB) RX Configuration

-----  
Auto start : Enabled  
Max Traffic MODCOD : 23 16APSK-9/10  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName
Name Enable								
* 0	0	9.320000	12.055825	DVB-S2	102	0	0.0 E	
Yes								

Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, T14R Beam  
Frequency : 12.055923 GHz  
Symbol Rate : 9.320177 Msps  
S2 ModCod  
- receiving : 16 8PSK-8/9  
- current max : 16 8PSK-8/9  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.20  
SNR : 15.3 dB  
Input Power : -29 dBm  
# odu show

Antenna

-----  
Type : ASC/Andrew/Channel Master Type 123 - 1.2m  
Antenna controller : None  
Tx Gain at 14.25 GHz : 43.3dB

Transmitter (BUC)

-----  
Type : SatLink 4033 (14.0-14.5 GHz)  
ODU Serial No. : 104804040203090203010000  
ODU HW Version : 4.2  
ODU SW Version : 1.3  
Local oscillator : 13.050000 GHz

DC supply 24V On  
Temperature 44 Deg C

Receiver (LNB)

-----  
Type SatLink 403x (10.70-12.75 GHz)  
Local oscillator - LO1 9.750000 GHz  
Local oscillator - LO2 10.600000 GHz  
Oscillator switching frequency 1-2 11.700000 GHz  
LO Switching mode 22kHz  
13/18V DC supply 13V

```
Windows Command Processor

Resposta de 8.8.8.8: bytes=32 tempo=644ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=598ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=633ms TTL=44

Estatísticas do Ping para 8.8.8.8:
  Pacotes: Enviados = 840, Recebidos = 839, Perdidos = 1 (0% de
  perda),
Aproximar um número redondo de vezes em milissegundos:
  Mínimo = 559ms, Máximo = 3585ms, Média = 855ms
Control-C
^C
C:\Users\junior\Desktop>arp -a

Interface: 10.29.33.154 --- 0xd
Endereço IP      Endereço físico      Tipo
10.29.33.153      00-20-0e-10-88-fd    dinâmico
10.29.33.159      ff-ff-ff-ff-ff-ff    estático
224.0.0.2          01-00-5e-00-00-02    estático
224.0.0.251        01-00-5e-00-00-fb    estático
224.0.0.252        01-00-5e-00-00-fc    estático
239.255.255.250    01-00-5e-7f-ff-fa    estático
255.255.255.255    ff-ff-ff-ff-ff-ff    estático

C:\Users\junior\Desktop>TESTE PING OS 31017396 EM PREF JOAQUIM RIBEIRO DE PAULA
BIAS FORTES-MG
```