

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Allan Santos

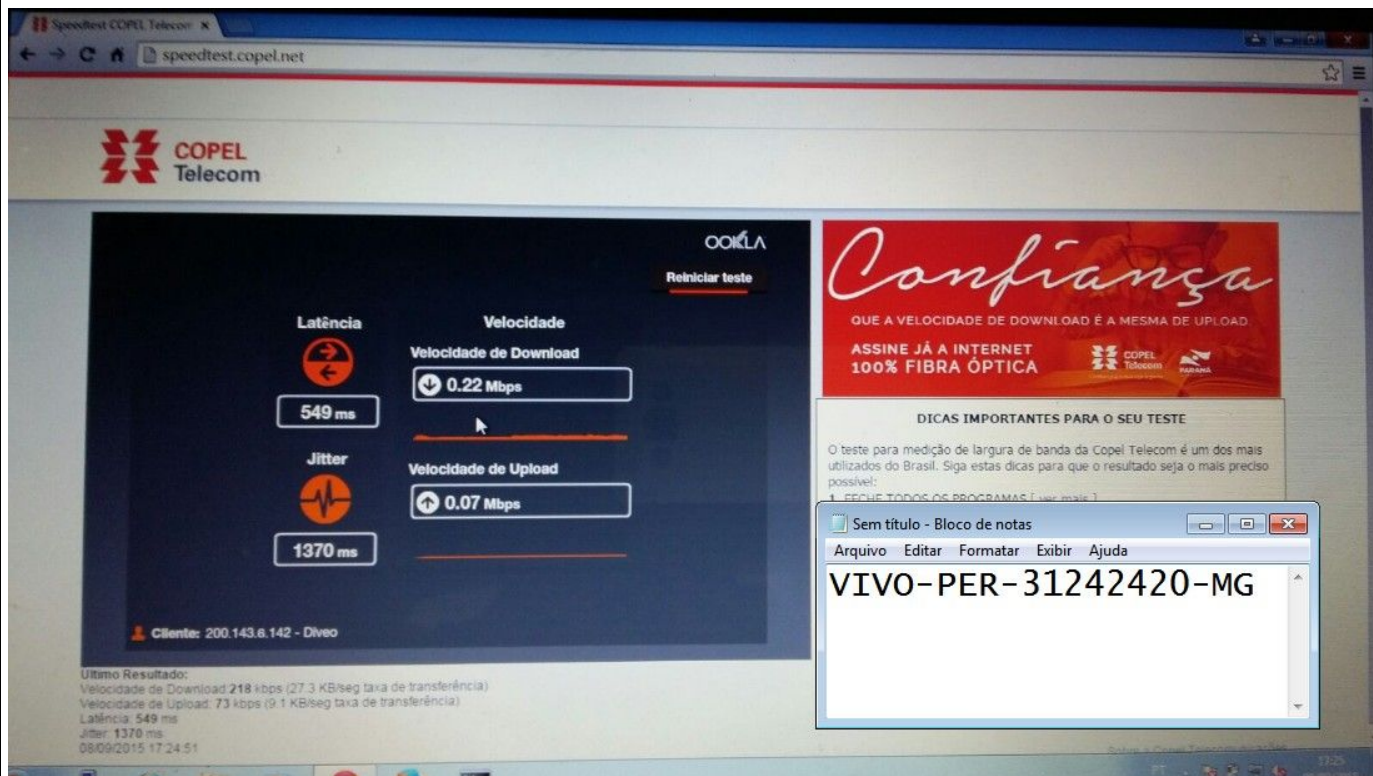
**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-31242420-MG

**Link kbps**  
256/128

**Plataforma**  
VSAT



# dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled

IDU Output Power : -30 dBm

IDU Max Output Power: 0.0 dBm

ODU Output Power : 36.1 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 : -19.7 dBm

ODU Output Power : 35.3 dBm

EIRP : 46.2 dBW

Es/No : 15.0 dB

Header Compression : Disabled

Timing correction : -185 us (261858 us)

Frequency correction: -160 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[Msps] 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 : 12.055654 GHz
Symbol Rate : 9.319984 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 : 14.6 dB
Input Power : -29 dBm
```

IP DVB 10.53.0.115/32

Ping desde o MGMT- Server ao IP de trafego e para o DVB.

Ping desde dentro da VSAT 8.8.8.8

```
# device show
System Information:
Name : VIVO-PER-31242420-MG
Location : José Raydan - MG
Contact :
System Up time : 0 days, 01:40:52
CPU Load : 9%
System time(UTC) : 08 September 2015 20:43:01
Broadcast Message : not set
HW:
Model : SatLink 2000
HW ID : 120033
Main board ID : 120026 R6.2
MAC addresses:
Ethernet (LAN) : 00:20:0e:10:5e:5a
Satellite (DVB) : 00:20:0e:10:5e:5a
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=830 ms
64 bytes from 8.8.8.8: time=790 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=740 ms
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 690/750/830 ms
#
```