

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Cunha

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-27018733-AL

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



```
# 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     : 32.7 dBm
EIRP                 : 46.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS2)
IDU Output Power     : -20.3 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Es/No                : 9.5 dB
Header Compression   : Disabled
Timing correction    : -40 us (250781 us)
Frequency correction : 0 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	15.000000	12.059000	DVB-S2	102	0	0.0 E		
Yes									
1	1	9.320000	12.055825	DVB-S2	4	0	0.0 E		
Yes									
* 6	6	25.333333	12.050000	DVB-S2	102	0	0.0 E		
Yes									
7	7	30.000000	12.050000	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            : 12.050324 GHz
Symbol Rate         : 25.332574 Msps
S2 ModCod
- receiving          : 7   QPSK-3/4
- current max        : 20  16APSK-4/5
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
DVB S2 Stream type   : MPEG-TS
Roll off             : 0.20
SNR                  : 14.4 dB
Input Power          : -26 dBm
  
```

The screenshot displays a computer desktop with two main windows. On the left is the 'SatLink VSAT' web interface, which shows a sidebar with navigation links (Status, Satellite, Statistics, Device, DHCP, Eventlog, Configuration, Satellite, IP, Static NAT, Lineup, Device, Help, Introduction, Status, Configuration) and a main content area titled 'Device Status' for a 'SatLink 2000'. The status details include: Model (SatLink 2000), Software Version (16.0.1.57), LAN MAC Address (00:20:0e:10:5b:ac), DVB MAC Address (00:20:0e:10:5b:ac), System Up Time (0 days, 00:36:32), CPU Load (13%), System Name (VIVO.PER-28012240-SE), System Contact, System Location (RIACHÃO DO DANTAS), ODU Serial Number (106546040203080902010000), and ODU HW Version (4.2). At the bottom of the web interface, it states 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'.

On the right is a 'Prompt de Comando' (Command Prompt) window showing a series of network pings to the IP address 10.29.45.41. The output shows 20 successful responses, each taking approximately 1ms. Below the ping results, it displays statistics: 'Estatísticas do Ping para 10.29.45.41: Pacotes Enviados = 51, Recebidos = 51, Perdidos = 0 (0% de perda). Aproximar um número redondo de zeros em milissegundos! Mínimo = 0ms, Máximo = 1ms, Média = 0ms'. The user 'C:\Users\Eduardo' is logged in.

