

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Guilherme Cunha

**Cliente:** VIVO

**Empresa**  
EMC Brasil

**VSAT-ID**  
VIVO-PER-25084739-PB

**Link kbps**  
256k/128k

**Plataforma**  
VSAT



## # 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: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

## Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS2)
IDU Output Power     : -19.1 dBm
ODU Output Power     : 31.4 dBm
EIRP                 : 44.7 dBW
Es/No                : 10.5 dB
Header Compression   : Disabled
Timing correction    : -73 us (251198 us)
Frequency correction : -180 Hz
```

## # 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
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Enable  
\* 0 0 25.333333 12.050000 DVB-S2 102 0 0.0 E  
Yes  
1 1 15.000000 12.059000 DVB-S2 4 0 0.0 E  
Yes

#### Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, T14R Beam  
Frequency : 12.050028 GHz  
Symbol Rate : 25.332943 Msps  
S2 ModCod  
- receiving : 15 8PSK-5/6  
- current max : 22 16APSK-8/9  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.20  
SNR : 15.1 dB  
Input Power : -26 dBm

The screenshot displays a Windows desktop environment. On the left, the 'SatLink VSAT' web application is open in a browser at the URL '10.29.60.177/wmi/dwp/index\_page.dwp'. The page features the STM logo and a navigation menu on the left with options like 'Status', 'Satellite', 'Statistics', 'Device', 'DHCP', 'Eventlog', 'Configuration', 'Satellite', 'IP', 'Static NAT', 'Lineup', 'Device', 'Help', 'Introduction', 'Status', and 'Configuration'. The main content area shows 'Device Status' for a 'SatLink 2000' model, including details like 'Software Version: 16.0.1.57', 'LAN MAC Address: 00:20:0e:10:56:b4', 'DVB MAC Address: 00:20:0e:10:56:b4', 'System Up Time: 0 days, 00:06:05', 'CPU Load: 19%', 'System Name: VIVO-PER-25084739-PB', 'System Contact', 'System Location: Natuba - PB', 'ODU Serial Number: 104804040203090214180000', and 'ODU HW Version: 4.2'. A footer message states 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'.

On the right, a Windows Command Prompt window is open, displaying a series of ping responses to the IP address 8.8.8.8. The output shows consistent results with 32 bytes, response times ranging from approximately 211ns to 293ns, and TTL values of 44. Below the ping results, it shows 'Estadísticas do Ping para 8.8.8.8:' with statistics: 'Pacotes: Enviados = 53, Recebidos = 51, Perdidos = 2 (3% de perda)'. It also provides a summary: 'Aproximar um número redondo de vezes em milissegundos: Mínimo = 625ms, Máximo = 2854ms, Média = 1359ms'. The prompt then shows the execution of the 'arp -a' command, displaying the ARP table for the interface 10.29.60.178, listing IP addresses, physical addresses, and their types (dynamic or static).