

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-26069709-PE

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     : 33.0 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     : -18.0 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 45.9 dBW
Es/No                : 9.0 dB
Header Compression   : Disabled
Timing correction     : -53 us (251257 us)
Frequency correction  : -80 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
-----	-----	----------------	-----------	------	-------	-------	-----	---------	------

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 : 12.050006 GHz
Symbol Rate : 25.332430 Msps
S2 ModCod
- receiving : 22 16APSK-8/9
- 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 : 16.2 dB
Input Power : -12 dBm

The screenshot displays a Windows desktop environment. On the left, a web browser window titled 'SatLink VSAT' is open, showing the 'Device Status' page. The page includes a sidebar with navigation links (Status, Statistics, DHCP, Eventlog, Configuration, Satellite, IP, Static NAT, Lineup, Device, Help, Introduction, Status, Configuration) and a main content area with a table of device information. The table lists details for a 'SatLink 2000' device, including its software version (16.0.1.57), LAN MAC address (00:20:0e:10:48:bc), DVB MAC address (00:20:0e:10:48:bc), system up time (0 days, 00:25:45), CPU load (21%), system name (VIVO-PER-26069709-PE), system location (LIMOEIRO - PE), ODU serial number (104804040203090306580000), and ODU hardware version (4.2). A status bar at the bottom of the browser indicates 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'.

On the right, a command prompt window titled 'CMD - Atalho' is open, displaying the output of a continuous ping command to the IP address 8.8.8.8. The output shows a series of 'Resposta de 8.8.8.8: bytes=32 tempo=1924ms TTL=44' messages, indicating a significant delay in the response times. Below the ping output, statistics are provided: 'Estatísticas do Ping para 8.8.8.8: Pacotes: Enviados = 200, Recebidos = 198, Perdidos = 2 (1% de perda), Aproximar um número redondo de vezes em milissegundos: Mínimo = 550ms, Máximo = 3026ms, Média = 981ms'. The command prompt also shows the user pressing 'Control-C' to stop the command.