

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-28000366-SE

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

Satellite (DVB) Transmitter Status

```
-----
State                : On   (DVB-RCS2)
IDU Output Power     : -17.1 dBm
ODU Output Power     : 32.9 dBm
EIRP                 : 46.2 dBW
Es/No                : 12.0 dB
Header Compression   : Disabled
Timing correction    : -24 us (250859 us)
Frequency correction : 40 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	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 : 12.050451 GHz
 Symbol Rate : 25.333382 Msps
 S2 ModCod
 - receiving : 12 8PSK-3/5
 - 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 : 14.5 dB
 Input Power : -27 dBm

The screenshot displays a Windows desktop environment. On the left, a web browser window shows the 'SatLink VSAT' interface. The interface 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 titled 'Device Status'. The 'Device Status' section shows details for a 'SatLink 2000' device, including software version (16.0.1.57), LAN MAC address (00:20:0e:10:4b:03), DVB MAC address (00:20:0e:10:4b:03), system up time (0 days, 00:02:39), CPU load (18%), system name (VIVO-PER-28000366-SE), system contact, system location (Siranova - SE), ODU serial number (104804040204090403560000), and ODU hardware version (4.2). A status bar at the bottom of the web interface indicates 'You are logged in as install (2)' and '© Copyright 2006-2014 STM Group. All Rights Reserved.'.

On the right, a command prompt window is open, displaying the output of a series of ping tests. The output shows a list of responses from 8.8.8.8, each with a byte count of 32, a time, and a TTL of 44. Below the list, statistics for the ping are provided: 'Estatísticas do Ping para 8.8.8.8: Pacotes: Enviados = 63, Recebidos = 0 (0% de perda)'. The window also shows the output of a netstat command, displaying a list of IP addresses and their corresponding physical addresses and types.