

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31352551-MG

Link kbps
256k/128k

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     : 34.7 dBm
EIRP                 : 48.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
State                : On (TDMA)
IDU Output Power     : -17.8 dBm
ODU Output Power     : 34.5 dBm
EIRP                 : 47.8 dBW
Eb/No                : 14.5 dB
Header Compression   : Disabled
```

```
Timing correction      : -133 us (261940 us)
Frequency correction: -350 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[Msp] Freq[GHz]  Mode  PopId  Enable
* 0  0      9.320000    12.055285  DVB-S2 4      Yes

Satellite (DVB) Receiver Status
-----
Rx State              : On
DVB State             : Forward link up
Network              : 1326, GlobalIP@Telstar-14R
Frequency            : 12.055740 GHz
Symbol Rate          : 9.319878 Msp
S2 ModCod
- receiving          : 10    QPSK-8/9
- current max       : 23    16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 13.5 dB
Input Power          : -32 dBm
#

IP DVB 10.50.0.17/32

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

Ping desde dentro da VSAT 8.8.8.8

# ping 8.8.8.8
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=680 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=950 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 560/750/950 ms
#
```