

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Alexandre Cruz

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER--23050535-CE

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     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -26.5 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 47.0 dBW
Es/No                : 15.0 dB
```

```
Header Compression : Disabled
Timing correction  : -114 us (262473 us)
Frequency correction: -310 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[Msps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	9.320000	12.055825	DVB-S2	4	Yes

Satellite (DVB) Receiver Status

```
-----
Rx State            : On
DVB State           : Forward link up
Network             : 1326, GlobalIP@Telstar-14R
Frequency           : 12.055923 GHz
Symbol Rate         : 9.319996 Msps
S2 ModCod
  - receiving       : 16    8PSK-8/9
  - current max     : 23    16APSK-9/10
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.6 dB
Input Power         : -23 dBm
#
```

IP DVB 10.53.0.75/32

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=1320 ms
64 bytes from 8.8.8.8: time=890 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=730 ms
```