

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Alexandre Cruz

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23111992-CE

Link kbps
256/128

Plataforma
VSAT



```
# 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[Mbps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	9.320000	12.055825	DVB-S2	4	Yes
1	1	0.000000	0.000000	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

```
-----
Rx State             : On
DVB State            : Forward link up
Network              : 1326, GlobalIP@Telstar-14R
Frequency            : 12.055673 GHz
Symbol Rate          : 9.319998 Msps
S2 ModCod
- receiving          : 1   QPSK-1/4
- current max        : 23   16APSK-9/10
Pilot                : On
Frame length         : Short
```

```
DVB S2 Mode      : ACM
Roll off         : 0.25
SNR              : 14.4 dB
Input Power      : -27 dBm
# 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 : -24.0 dBm
ODU Output Power : 34.0 dBm
EIRP             : 47.3 dBW
Eb/No           : 15.0 dB
Header Compression : Disabled
```

IP DVB **10.50.0.65**/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
```