

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23084219-CE

Link kbps
256/128

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -25 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency: 14.125500 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (TDMA)
IDU Output Power     : -24.5 dBm
ODU Output Power     : 33.4 dBm
EIRP                 : 46.7 dBW
Eb/No                : 14.0 dB
```

```
Header Compression : Disabled
Timing correction : -112 us (261002 us)
Frequency correction: -260 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/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	9.320000	12.055825	DVB-S2	4	Yes
1	1	0.000000	0.000000	DVB-S2	0	No

```
Satellite (DVB) Receiver Status
-----
Rx State : On
DVB State : Forward link up
Network : 1326, GlobalIP@Telstar-14R
Frequency : 12.055806 GHz
Symbol Rate : 9.319954 Msp/s
S2 ModCod
- receiving : 14 8PSK-3/4
- current max : 23 16APSK-9/10
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 15.3 dB
Input Power : -28 dBm
#
```

IP DVB 10.53.0.154/32

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=2740 ms
64 bytes from 8.8.8.8: time=930 ms
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=1630 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 560/1350/2740 ms
#
```