

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31029556-MG.

Link kbps
256/128

Plataforma
VSAT



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     : -19.3 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 47.7 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -260 us (261666 us)
Frequency correction : -220 Hz
# 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 : -19.3 dBm
ODU Output Power : 34.4 dBm
EIRP : 47.7 dBW
Eb/No : 13.5 dB
Header Compression : Disabled
Timing correction : -260 us (261666 us)
Frequency correction: -240 Hz
#

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

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, GlobalIP@Telstar-14R
Frequency : 12.055652 GHz
Symbol Rate : 9.319860 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 : 15.0 dB
Input Power : -28 dBm
#

IP DVB 10.50.0.96/32

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# ping 8.8.8.8
64 bytes from 8.8.8.8: time=670 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=530 ms
64 bytes from 8.8.8.8: time=510 ms
64 bytes from 8.8.8.8: time=640 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 510/580/670 ms
#

