

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Leonardo Martins

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-26038080-PE

Link kbps
256k/128k

Plataforma
VSAT



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS2)
IDU Output Power     : -20.2 dBm
ODU Output Power     : 32.7 dBm
EIRP                 : 46.0 dBW
Es/No                : 12.0 dB
Header Compression   : Disabled
Timing correction    : -40 us (251203 us)
Frequency correction : -180 Hz
# dvb rx show
```

Satellite (DVB) RX Configuration

```
-----
Auto start           : Enabled
```

Max Traffic MODCOD : 23 16APSK-9/10
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
Enable									
* 0	0	25.333333	12.050000	DVB-S2	102	0	0.0 E		
Yes									
1	1	30.000000	12.050000	DVB-S2	102	0	0.0 E		
Yes									

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.050029 GHz
Symbol Rate : 25.332702 Msps
S2 ModCod
- receiving : 14 8PSK-3/4
- current max : 20 16APSK-4/5
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 13.9 dB
Input Power : -23 dBm
odu show

Antenna

Type ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller None
Tx Gain at 14.25 GHz 43.3dB

Transmitter (BUC)

Type SatLink 4033 (14.0-14.5 GHz)
ODU Serial No. 104804040203080601480000
ODU HW Version 4.2
ODU SW Version 1.3
Local oscillator 13.050000 GHz
DC supply 24V On
Temperature 42 Deg C

Receiver (LNB)

Type SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1 9.750000 GHz
Local oscillator - LO2 10.600000 GHz
Oscillator switching frequency 1-2 11.700000 GHz
LO Switching mode 22kHz
13/18V DC supply 13V
d
#dwb cr show

Capacity parameters per channel:

Channel CRA[kbps] Allocated[kbps]
0 0 0

Requested capacity per QoS class:

Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
0 0 200 20 2 0 Best Effort
0 1 0 0 0 0 VoIP
0 2 0 0 0 0 ViC
0 3 32 3 0 0 Critical Data

RBDC timeout 14 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)

#

```
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=830 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=740 ms

--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 690/730/830 ms
#
```