

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-22035486-PI

Link kbps
256/128

Plataforma
VSAT



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	No

Satellite (DVB) Receiver Status

```
Rx State           : On
DVB State          : Forward link up
Network            : 1326, GlobalIP@Telstar-14R
Frequency          : 12.055603 GHz
Symbol Rate       : 9.320016 Mbps
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                : 15.4 dB
Input Power        : -28 dBm
# dvb tx show
```

Satellite (DVB) TX Configuration

```
Auto start          : Enabled
IDU Output Power    : -15 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     : -20.5 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 48.4 dBW
Eb/No                : 16.0 dB
Header Compression   : Disabled
Timing correction    : -161 us (260011 us)
Frequency correction: -430 Hz
#
```

IP DVB 10.50.0.119/32

```
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=520 ms
64 bytes from 8.8.8.8: time=560 ms
```

```
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 520/620/740 ms
#
```