

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31149217-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     : max
EIRP                 : max
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
State                : On (TDMA)
IDU Output Power     : -19.8 dBm
ODU Output Power     : 34.9 dBm
EIRP                 : 48.2 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction     : -302 us (261740 us)
Frequency correction : -310 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	2	Yes

Satellite (DVB) Receiver Status

```
-----
Rx State            : On
DVB State           : Forward link up
Network             : 1326, GlobalIP@Telstar-14R
Frequency           : 12.055815 GHz
Symbol Rate         : 9.319960 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                 : 14.1 dB
Input Power         : -28 dBm
# ping 8.8.8.8
```

```
64 bytes from 8.8.8.8: time=2600 ms
64 bytes from 8.8.8.8: time=1080 ms
64 bytes from 8.8.8.8: time=880 ms
64 bytes from 8.8.8.8: time=2970 ms
64 bytes from 8.8.8.8: time=950 ms
```

```
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 880/1690/2970 ms
# #
```