

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-25108433-PB

Link kbps
256k/128k

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 46.0 dBW
Default CW Frequency : 14.125790 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS)
IDU Output Power     : -21.8 dBm
ODU Output Power     : 35.6 dBm
EIRP                 : 46.5 dBW
Es/No                : 10.5 dB
Header Compression   : Disabled
Timing correction     : -243 us (262428 us)
Frequency correction : -10 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[Msp/s]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName
Name		Enable						
* 0	0	9.320000	12.055825	DVB-S2	102	0	0.0 E	
		Yes						

Satellite (DVB) Receiver Status

```
-----
Rx State             : On
DVB State            : Forward link up
Network              : 1326, GlobalIP@Telstar-14R
Frequency            : 12.056083 GHz
Symbol Rate          : 9.320029 Msp/s
S2 ModCod
- receiving          : 1   QPSK-1/4
- current max        : 16  8PSK-8/9
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
DVB S2 Stream type   : MPEG-TS
Roll off             : 0.20
SNR                  : 12.1 dB
Input Power          : -24 dBm
#
```

```
IP DVB 10.50.1.177/32
```

Ping desde o MGMT- Server ao IP de trafego e para o DVB.

```
C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.177
```

Pinging 10.50.1.177 with 32 bytes of data:

```
Reply from 10.50.1.177: bytes=32 time=2033ms TTL=62
Reply from 10.50.1.177: bytes=32 time=553ms TTL=62
Reply from 10.50.1.177: bytes=32 time=568ms TTL=62
Reply from 10.50.1.177: bytes=32 time=580ms TTL=62
```

```
Ping statistics for 10.50.1.177:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 553ms, Maximum = 2033ms, Average = 933ms
```

```
# 64 bytes from 8.8.8.8: time=1380 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=1630 ms
64 bytes from 8.8.8.8: time=700 ms
```

```
--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 700/1020/1630 ms
```