

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-26052075-PE

Link kbps
256k/128k

Plataforma
VSAT



```
# 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     : 35.0 dBm
EIRP                 : 48.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -17.9 dBm
ODU Output Power     : 34.8 dBm
EIRP                 : 47.8 dBW
Es/No                : 13.5 dB
Header Compression   : Disabled
Timing correction     : -124 us (262102 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            : 12.055980 GHz
Symbol Rate          : 9.320173 Msp/s
S2 ModCod
  - receiving         : 14   8PSK-3/4
  - 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                   : 13.1 dB
Input Power           : -16 dBm
```

```
IP DVB 172.18.131.30/32
```

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

```
C:\Documents and Settings\Administrator.DVB-RCS>ping 172.18.131.30
```

```
Pinging 172.18.131.30 with 32 bytes of data:
```

```
Reply from 172.18.131.30: bytes=32 time=1788ms TTL=62
Reply from 172.18.131.30: bytes=32 time=553ms TTL=62
Reply from 172.18.131.30: bytes=32 time=660ms TTL=62
Reply from 172.18.131.30: bytes=32 time=574ms TTL=62
```

```
Ping statistics for 172.18.131.30:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 553ms, Maximum = 1788ms, Average = 893ms
```

Ping desde dentro da VSAT 8.8.8.8

```
# 64 bytes from 8.8.8.8: time=670 ms
64 bytes from 8.8.8.8: time=760 ms
64 bytes from 8.8.8.8: time=670 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms
```

```
--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 670/700/760 ms
```