TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-23110716-CE	256k/128k	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      : 35.6 dBm
EIRP                  : 46.5 dBW
Default CW Frequency: 14.125750 GHz
ATM mode              : VC-Mux
Header Compression  :   None
```

```
Satellite (DVB) Transmitter Status
----------------------------------
State               : On   (DVB-RCS)
IDU Output Power    : -13.5 dBm
ODU Output Power    : 31.0 dBm
EIRP                : 45.9 dBW
Es/No               : 13.0 dB
Header Compression  : Disabled
Timing correction   : -213 us (260587 us)
Frequency correction: -30 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[Msps] 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           : 12.055742 GHz
Symbol Rate         : 9.320156 Msps
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                 : 12.7 dB
Input Power         : -26 dBm
#


IP DVB 10.50.1.247/32


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


Ping desde dentro da VSAT 8.8.8.8


# ping 8.8.8.8
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=960 ms
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=550 ms
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 550/780/960 ms
#
```