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-23170140-CE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power      : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 35.1 dBm
EIRP                 : 46.0 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   : -19.7 dBm
ODU Output Power   : 34.7 dBm
EIRP               : 45.6 dBW
Es/No              : 12.0 dB
Header Compression : Disabled
Timing correction  : -228 us (261053 us)
Frequency correction: -130 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          : 12.056099 GHz
Symbol Rate        : 9.319988 Msps
S2 ModCod
      - receiving  : 15   8PSK-5/6
      - 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                : 12.5 dB
Input Power        : -29 dBm
#


IP DVB 10.50.2.13/32


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=720 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=1560 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 700/880/1560 ms
#
```