	# TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos	**Cliente: VIVO**

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-31093866-MG	**Link kbps** 256/128	**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     : 34.7 dBm
EIRP                 : 48.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   :  None




Satellite (DVB) Transmitter Status
-------------------------------
State                : On (TDMA)
IDU Output Power     : -19.5 dBm
ODU Output Power     : 34.4 dBm
EIRP                 : 47.7 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -74 us (260881 us)
Frequency correction: -370 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[Msps] Freq[GHz]  Mode    PopId   Enable
* 0  0     9.320000      12.055285  DVB-S2 4         Yes
  1  1     0.000000       0.000000  DVB-S2 2         No

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  GlobalIP@Telstar-14R
Frequency           : 12.055884 GHz
Symbol Rate         : 9.320050 Msps
S2 ModCod
     - receiving    : 1   QPSK-1/4
     - current max  : 23   16APSK-9/10
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.9 dB
Input Power         : -29 dBm
#


IP DVB 10.53.0.150/32



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=1830 ms
64 bytes from 8.8.8.8: time=930 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=940 ms
64 bytes from 8.8.8.8: time=890 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 890/1090/1830 ms
#
```