EMC EMERGING MARKETS COMMUNICATIONS	# TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Alexandre Cruz	**Cliente: VIVO**

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-23247410-CE	**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    : 33.7 dBm
EIRP                : 47.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -26.5 dBm
```

```
ODU Output Power     : 33.5 dBm
EIRP                 : 46.8 dBW
Es/No                : 13.6 dB
Header Compression   : Disabled
Timing correction    : -114 us (262473 us)
Frequency correction: -310 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      12.055825  DVB-S2 4              Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 1326,  GlobalIP@Telstar-14R
Frequency            : 12.055923 GHz
Symbol Rate          : 9.319996 Msps
S2 ModCod
      - receiving    : 16   8PSK-8/9
      - current max  : 23   16APSK-9/10
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.25
SNR                  : 14.0 dB
Input Power          : -23 dBm
#




IP DVB 10.53.0.75/32


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=1320 ms
64 bytes from 8.8.8.8: time=890 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=740 ms
64 bytes from 8.8.8.8: time=730 ms
```