EMC EMERGING MARKETS COMMUNICATIONS	**TERMO DE ACEITE TÉCNICO**

Solicitante: VIVO- Projeto Escolas Rurais

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

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-26183030-PE	**Link kbps** 256/128	**Plataforma** VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.7 dBm
EIRP                : 47.0 dBW
Default CW Frequency: 14.162500 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
----------------------------------
State               : On (TDMA)
```

```
IDU Output Power     : -18.3 dBm
ODU Output Power     : 33.8 dBm
EIRP                 : 47.1 dBW
Eb/No                : 14.0 dB
Header Compression   : Disabled
Timing correction    : -264 us (262673 us)
Frequency correction: -300 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
  1  1     0.000000        0.000000  DVB-S2 0          No


Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 1326,  GlobalIP@Telstar-14R
Frequency            : 12.055878 GHz
Symbol Rate          : 9.320062 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                  : 16.0 dB
Input Power          : -26 dBm
#



IP DVB 10.53.0.182/32



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=1350 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=910 ms
64 bytes from 8.8.8.8: time=760 ms
64 bytes from 8.8.8.8: time=750 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 690/890/1350 ms
#
```