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-31086606-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   : 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    : -21.4 dBm
ODU Output Power    : 33.4 dBm
EIRP                : 46.7 dBW
Eb/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -29 us (261059 us)
Frequency correction: -400 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
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Rx State            : On
DVB State           : Forward link up
Network             : 1326,  GlobalIP@Telstar-14R
Frequency           : 12.055395 GHz
Symbol Rate         : 9.319845 Msps
S2 ModCod
      - receiving   : 13   8PSK-2/3
      - current max : 23   16APSK-9/10
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.4 dB
Input Power         : -21 dBm
#

IP DVB 10.50.0.13/32


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=660 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=920 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 = 550/670/920 ms
#
```