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

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá	**Cliente: VIVO**

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-23197030-CE	**Link kbps** 256/128	**Plataforma** VSAT


```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.7 dBm
EIRP                : 47.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  : None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -21.4 dBm
ODU Output Power    : 33.8 dBm
EIRP                : 47.1 dBW
Es/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -291 us (261071 us)
Frequency correction: 240 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            : 12.055545 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             : 0.20
SNR                  : 14.6 dB
Input Power          : -27 dBm


IP 10.50.0.144 /32

# ping 8.8.8.8
64 bytes from 8.8.8.8: time=1640 ms
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=1460 ms
64 bytes from 8.8.8.8: time=730 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 700/1060/1640 ms
#
```