# TERMO DE ACEITE TÉCNICO

EMC — EMERGING MARKETS COMMUNICATIONS

**Solicitante:** VIVO- Projeto Escolas Rurais

**NOC/Operador:** Rogerio Momi Frias

**Cliente: VIVO**

| Empresa<br>EMC Brasil | VSAT-ID<br>VIVO-PER-31207764-MG | Link kbps<br>256/128 | Plataforma<br>VSAT |
|---|---|---|---|



Satellite (DVB) RX Configuration
-------------------------------
Auto start        : Enabled
Max Traffic MODCOD    : 23   16APSK-9/10
RX watchdog        : 15 minute

| Idx | Pri | SymbRate[Msps] | Freq[GHz] | Mode | PopId | SatId | Pos | SatName | Name | Enable |
|---|---|---|---|---|---|---|---|---|---|---|
| * 0 | 0 | 9.320000 | 12.055825 | DVB-S2 | 102 | 0 | 0.0 E | | | Yes |

Satellite (DVB) Receiver Status
-------------------------------
Rx State        : On
DVB State        : Forward link up
Network        : 1326,  GlobalIP@Telstar-14R
Frequency        : 12.055835 GHz
Symbol Rate      : 9.319984 Msps
S2 ModCod
   - receiving   : 15   8PSK-5/6
   - current max : 20   16APSK-4/5
Pilot          : On
Frame length      : Short
DVB S2 Mode      : ACM
DVB S2 Stream type  : MPEG-TS
Roll off        : 0.20
SNR          : 14.0 dB
Input Power      : -28 dBm

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Satellite (DVB) TX Configuration
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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  (DVB-RCS)
IDU Output Power   : -21.0 dBm
ODU Output Power   : 33.4 dBm
EIRP          : 46.7 dBW
Es/No         : 13.0 dB
Header Compression  : Disabled
Timing correction   : -201 us (260994 us)
Frequency correction: 230 Hz



 ping 8.8.8.8
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=730 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 710/720/730 ms
```