TERMO DE ACEITE TÉCNICO

EMC — EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

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

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-31156833-MG	256/128	VSAT


```
Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   :  None


Satellite (DVB) Transmitter Status
-------------------------------
State                : On (TDMA)
IDU Output Power     : -16.9 dBm
ODU Output Power     : 33.9 dBm
EIRP                 : 47.2 dBW
Eb/No                : 14.5 dB
Header Compression   : Disabled
Timing correction    : -312 us (262010 us)
Frequency correction: -60 Hz
```

```
# dvb rx show

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

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode   Pop
* 0  0      9.320000      12.055825  DVB-S2 4
  1  1      0.000000       0.000000  DVB-S2 2


Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  GlobalIP@Telstar-
Frequency           : 12.055971 GHz
Symbol Rate         : 9.320026 Msps
S2 ModCod
      - receiving   : 1   QPSK-1/4
      - current max : 23   16APSK-9/10
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.5 dB
Input Power         : -25 dBm
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=1100 ms
64 bytes from 8.8.8.8: time=570 ms
64 bytes from 8.8.8.8: time=2140 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 = 550/980/2140 ms
#
```