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-25008030-PB	256/128	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    : 36.1 dBm
EIRP                : 47.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  :  None



Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -17.9 dBm
ODU Output Power    : 34.8 dBm
EIRP                : 45.7 dBW
Es/No               : 13.5 dB
Header Compression  : Disabled
Timing correction   : -199 us (261213 us)
Frequency correction: 0 Hz
# dvb rx show
```

```
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             : 12.055920 GHz
Symbol Rate           : 9.320195 Msps
S2 ModCod
      - receiving   : 1   QPSK-1/4
      - current max : 16   8PSK-8/9
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
DVB S2 Stream type    : MPEG-TS
Roll off              : 0.20
SNR                   : 13.1 dB
Input Power           : -30 dBm


# ping 8.8.8.8
64 bytes from 8.8.8.8: time=850 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=550 ms

---  ping statistics ---
5 packets transmitted, 2 received, 60.00 percent packet loss
rtt min/avg/max = 550/640/730 ms
#
```