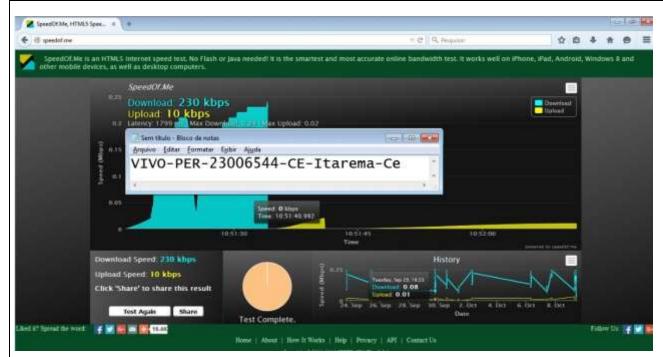


## **TERMO DE ACEITE TÉCNICO**

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá Cliente: VIVO

EmpresaVSAT-IDLink kbpsPlataformaEMC BrasilVIVO-PER-23006544-CE256/128VSAT



## Satellite (DVB) TX Configuration

\_\_\_\_\_

Auto start : Enabled
IDU Output Power : -15 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 : -24.8 dBm

ODU Output Power : 33.2 dBm

EIRP : 46.5 dBW

Eb/No : 13.5 dB

Header Compression : Disabled

Timing correction : -230 us (260651 us)

Frequency correction: 30 Hz

# dvb rx show
# dvb tx show

## Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -15 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 : -24.8 dBm

ODU Output Power : 34.0 dBm
State
EIRP
Fb/No
                      : 47.3 dBW
Eb/No
                      : 13.5 dB
Header Compression : Disabled
Timing correction : -229 us (260651 us)
Frequency correction: 40 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 : 12.055544 GHz

Symbol Rate : 9.319864 Msps
S2 ModCod
  - receiving : 14 8PSK-3/4
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 13 8 6
     - current max : 23 16APSK-9/10
SNR : 13.8 dB Input Power : -23 dBm
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=900 ms
64 bytes from 8.8.8.8: time=1050 ms
64 bytes from 8.8.8.8: time=1070 ms
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=1010 ms
--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 820/960/1070 ms
```