

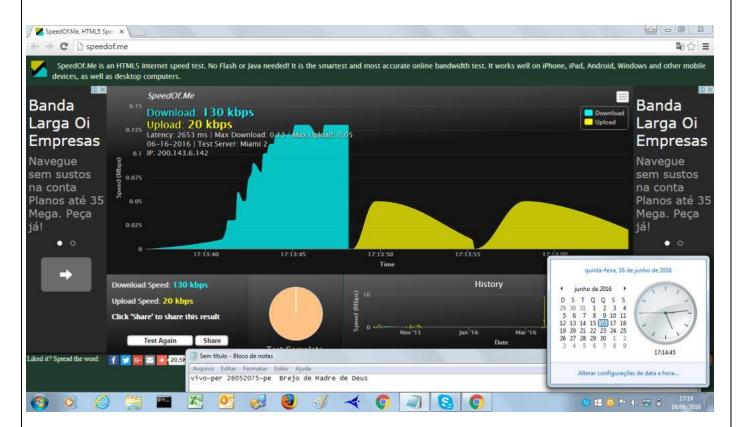
## **TERMO DE ACEITE TÉCNICO**

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa Cliente: VIVO

 Empresa
 VSAT-ID
 Link kbps
 Plataforma

 EMC Brasil
 VIVO-PER-26052075-PE
 256k/128k
 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 : 35.0 dBm

EIRP : 48.0 dBW

Default CW Frequency: 0.000000 GHz

ATM mode : VC-Mux

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

ODU Output Power : 34.8 dBm EIRP : 47.8 dBW Es/No : 13.5 dB Header Compression : Disabled

Timing correction : -124 us (262102 us)

Frequency correction: 10 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
                      12.055825 DVB-S2 102 0 0.0 E
         9.320000
* 0 0
Satellite (DVB) Receiver Status
Rx State
                  : On
                : Forward link up
DVB State
Network
                  : 1326, GlobalIP@Telstar-14R
                 : 12.055980 GHz
Frequency
                : 9.320173 Msps
Symbol Rate
S2 ModCod
  - receiving : 14 8PSK-3/4
    - current max : 16 8PSK-8/9
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
                  : 0.20
Roll off
                  : 13.1 dB
SNR
Input Power
                  : -16 dBm
IP DVB 172.18.131.30/32
Ping desde o MGMT- Server ao IP de trafego e para o DVB.
C:\Documents and Settings\Administrator.DVB-RCS>ping 172.18.131.30
Pinging 172.18.131.30 with 32 bytes of data:
Reply from 172.18.131.30: bytes=32 time=1788ms TTL=62
Reply from 172.18.131.30: bytes=32 time=553ms TTL=62
Reply from 172.18.131.30: bytes=32 time=660ms TTL=62
Reply from 172.18.131.30: bytes=32 time=574ms TTL=62
Ping statistics for 172.18.131.30:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
   Minimum = 553ms, Maximum = 1788ms, Average = 893ms
Ping desde dentro da VSAT 8.8.8.8
# 64 bytes from 8.8.8.8: time=670 ms
64 bytes from 8.8.8.8: time=760 ms
64 bytes from 8.8.8.8: time=670 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms
--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 670/700/760 ms
```