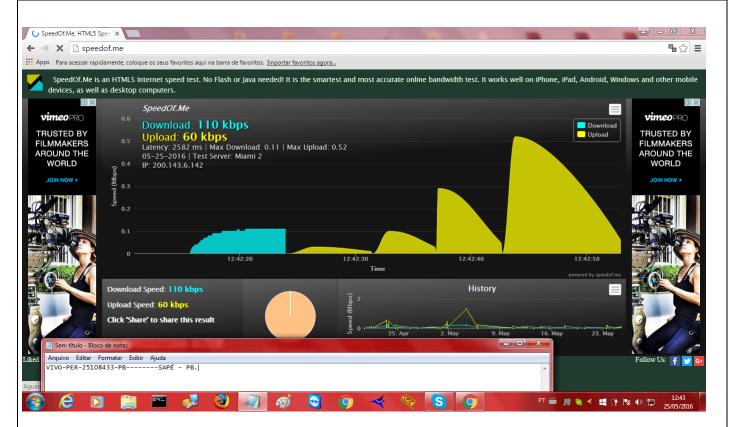


TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

Cliente: VIVO NOC/Operador: Renan Borges Sousa

> **Empresa** VSAT-ID Link kbps Plataforma **EMC** Brasil VIVO-PER-25108433-PB 256k/128k **VSAT**



dvb tx show

Satellite (DVB) TX Configuration

: Enabled
: -23 dBm Auto start IDU Output Power IDU Max Output Power: 0.0 dBm ODU Output Power : 35.1 dBm : 46.0 dBW EIRP

Default CW Frequency: 14.125790 GHz

ATM mode : VC-Mux Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS) : -21.0 : 35.6 dBm IDU Output Power : -21.8 dBm ODU Output Power EIRP Es/No : 10.5 dB

Header Compression : Disabled Timing correction : -243 us (262428 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
              : 12.056083 GHz
: 9.320029 Msps
Frequency
Symbol Rate
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
                  : 12.1 dB
SNR
Input Power : -24 dBm
IP DVB 10.50.1.177/32
Ping desde o MGMT- Server ao IP de trafego e para o DVB.
C:\Documents and Settings\Administrator.DVB-RCS>ping 10.50.1.177
Pinging 10.50.1.177 with 32 bytes of data:
Reply from 10.50.1.177: bytes=32 time=2033ms TTL=62
Reply from 10.50.1.177: bytes=32 time=553ms TTL=62
Reply from 10.50.1.177: bytes=32 time=568ms TTL=62
Reply from 10.50.1.177: bytes=32 time=580ms TTL=62
Ping statistics for 10.50.1.177:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
   Minimum = 553ms, Maximum = 2033ms, Average = 933ms
# 64 bytes from 8.8.8.8: time=1380 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=1630 ms
64 bytes from 8.8.8.8: time=700 ms
--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
```

rtt min/avg/max = 700/1020/1630 ms