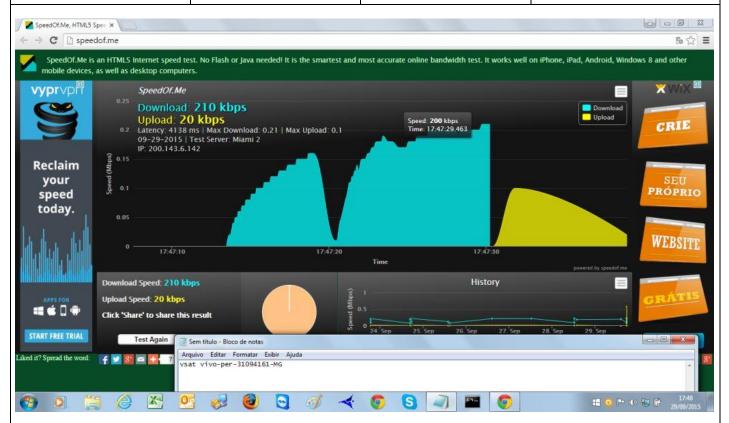


## **TERMO DE ACEITE TÉCNICO**

Solicitante: VIVO- Projeto Escolas Rurais

Cliente: VIVO NOC/Operador: Rogerio Momi Frias

> **Empresa** VSAT-ID **Plataforma** Link kbps **EMC** Brasil VIVO-PER-31094161-MG 256/128 **VSAT**



## Satellite (DVB) RX Configuration

Auto start : Enabled

: 23 16APSK-9/10 (SNR threshold: 23.5 dB) Max MODCOD

RX watchdog : 15 minute

Idx Pri SymbRate[Msps] Freq[GHz] Mode PopId Enable \* 0 0 9.320000 12.055285 DVB-S2 4 0.000000 0.000000 DVB-S2 2 Yes 1 1

## Satellite (DVB) Receiver Status

Rx State : On

**DVB State** : Forward link up

: 1326, GlobalIP@Telstar-14R Network

: 12.055700 GHz Frequency Symbol Rate : 9.319837 Msps

S2 ModCod

- receiving : 16 8PSK-8/9 - current max : 23 16APSK-9/10

Pilot Frame length : Short DVB S2 Mode : ACM Roll off : 0.25 : 14.9 dB SNR Input Power : -25 dBm

```
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 : -21.0 dBm
ODU Output Power : 34.5 dBm
            : 47.8 dBW
EIRP
Eb/No
             : 14.0 dB
Header Compression: Disabled
Timing correction : -248 us (260914 us)
Frequency correction: -170 Hz
Pinging 10.53.0.228 with 32 bytes of data:
Reply from 10.53.0.228: bytes=32 time=558ms TTL=61
Reply from 10.53.0.228: bytes=32 time=663ms TTL=61
Reply from 10.53.0.228: bytes=32 time=585ms TTL=61
Reply from 10.53.0.228: bytes=32 time=597ms TTL=61
Ping statistics for 10.53.0.228:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
  Minimum = 558ms, Maximum = 663ms, Average = 600ms
Pinging 10.29.4.193 with 32 bytes of data:
Reply from 10.29.4.193: bytes=32 time=1449ms TTL=61
Reply from 10.29.4.193: bytes=32 time=920ms TTL=61
Reply from 10.29.4.193: bytes=32 time=839ms TTL=61
Reply from 10.29.4.193: bytes=32 time=1682ms TTL=61
Ping statistics for 10.29.4.193:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
  Minimum = 839ms, Maximum = 1682ms, Average = 1222ms
ping 8.8.8.8
64 bytes from 8.8.8.8: time=1660 ms
64 bytes from 8.8.8.8: time=870 ms
```

64 bytes from 8.8.8.8: time=920 ms 64 bytes from 8.8.8.8: time=1300 ms 64 bytes from 8.8.8.8: time=930 ms

rtt min/avg/max = 870/1130/1660 ms

5 packets transmitted, 5 received, 0.00 percent packet loss

--- 8.8.8.8 ping statistics ---