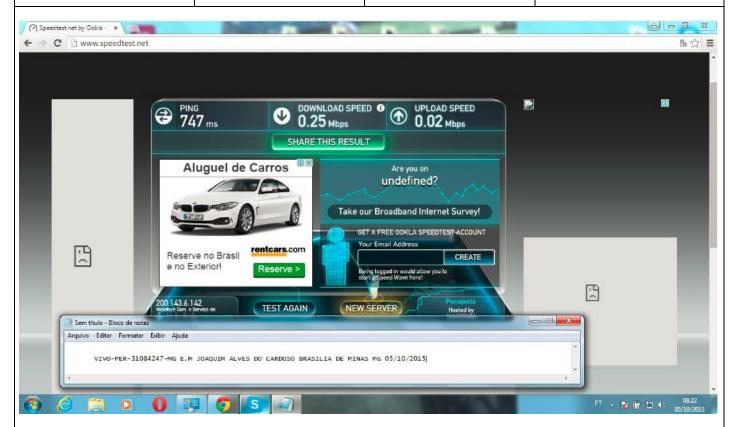


## **TERMO DE ACEITE TÉCNICO**

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Rogerio Momi Frias Cliente: VIVO

Empresa VSAT-ID Link kbps Plataforma VSAT VIVO-PER-31084247-MG 256/128 VSAT



## 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

 1
 1
 0.000000
 0.000000
 DVB-S2 2
 Yes

## Satellite (DVB) Receiver Status

-----

Rx State : On

DVB State : Forward link up

Network : 1326, GlobalIP@Telstar-14R

Frequency : 12.055781 GHz Symbol Rate : 9.319885 Msps

S2 ModCod

- receiving : 1 QPSK-1/4 - current max : 23 16APSK-9/10

Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 14.6 dB
Input Power : -26 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
            : On (TDMA)
IDU Output Power : -19.7 dBm
ODU Output Power : 34.4 dBm
EIRP
             : 47.7 dBW
Eb/No
              : 15.0 dB
Header Compression: Disabled
Timing correction : -18 us (260903 us)
Frequency correction: -420 Hz
Pinging 10.53.0.253 with 32 bytes of data:
Reply from 10.53.0.253: bytes=32 time=1339ms TTL=61
Reply from 10.53.0.253: bytes=32 time=917ms TTL=61
Reply from 10.53.0.253: bytes=32 time=843ms TTL=61
Reply from 10.53.0.253: bytes=32 time=1686ms TTL=61
Ping statistics for 10.53.0.253:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
  Minimum = 843ms, Maximum = 1686ms, Average = 1196ms
Pinging 10.29.5.137 with 32 bytes of data:
Reply from 10.29.5.137: bytes=32 time=1731ms TTL=61
Reply from 10.29.5.137: bytes=32 time=561ms TTL=61
Reply from 10.29.5.137: bytes=32 time=649ms TTL=61
Reply from 10.29.5.137: bytes=32 time=576ms TTL=61
Ping statistics for 10.29.5.137:
  Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
  Minimum = 561ms, Maximum = 1731ms, Average = 879ms
ping 8.8.8.8
64 bytes from 8.8.8.8: time=810 ms
64 bytes from 8.8.8.8: time=550 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=530 ms
64 bytes from 8.8.8.8: time=550 ms
--- 8.8.8.8 ping statistics ---
```

5 packets transmitted, 5 received, 0.00 percent packet loss

rtt min/avg/max = 530/600/810 ms