TERMO DE ACEITE TÉCNICO

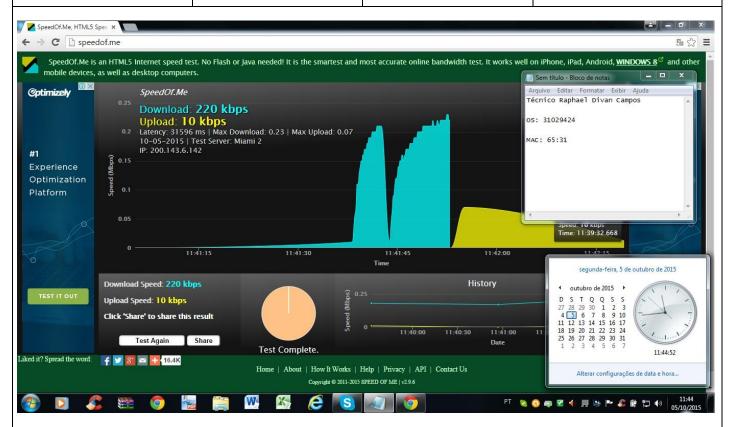**Solicitante:** VIVO- Projeto Escolas Rurais

NOC/Operador: Rogerio Momi Frias

Cliente: VIVO

Empresa EMC Brasil	VSAT-ID VIVO-PER-31029424-MG	Link kbps 256/128	Plataforma 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
```

Satellite (DVB) Receiver Status

```
Rx State        : On
DVB State       : Forward link up
Network         : 1326,  GlobalIP@Telstar-14R
Frequency       : 12.055787 GHz
Symbol Rate     : 9.320050 Msps
S2 ModCod
    - receiving   : 14   8PSK-3/4
    - current max : 23   16APSK-9/10
Pilot           : On
Frame length    : Short
DVB S2 Mode     : ACM
Roll off        : 0.25
SNR             : 14.7 dB
Input Power     : -28 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start         : Enabled
IDU Output Power    : -26 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 34.7 dBm
EIRP              : 48.0 dBW
Default CW Frequency: 14.162500 GHz
ATM mode           : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State            : On (TDMA)
IDU Output Power    : -21.3 dBm
ODU Output Power    : 34.5 dBm
EIRP              : 47.8 dBW
Eb/No             : 14.5 dB
Header Compression  : Disabled
Timing correction   : 88 us (261584 us)
Frequency correction: -420 Hz




Pinging 10.53.1.15 with 32 bytes of data:

Reply from 10.53.1.15: bytes=32 time=1882ms TTL=61
Reply from 10.53.1.15: bytes=32 time=1347ms TTL=61
Reply from 10.53.1.15: bytes=32 time=863ms TTL=61
Reply from 10.53.1.15: bytes=32 time=2443ms TTL=61

Ping statistics for 10.53.1.15:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 863ms, Maximum = 2443ms, Average = 1633ms


Pinging 10.29.6.9 with 32 bytes of data:

Reply from 10.29.6.9: bytes=32 time=602ms TTL=61
Reply from 10.29.6.9: bytes=32 time=707ms TTL=61
Reply from 10.29.6.9: bytes=32 time=626ms TTL=61
Reply from 10.29.6.9: bytes=32 time=550ms TTL=61

Ping statistics for 10.29.6.9:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 550ms, Maximum = 707ms, Average = 621ms




ping 8.8.8.8
64 bytes from 8.8.8.8: time=1410 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=1050 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=570 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 570/860/1410 ms
```