

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Renan Borges Sousa

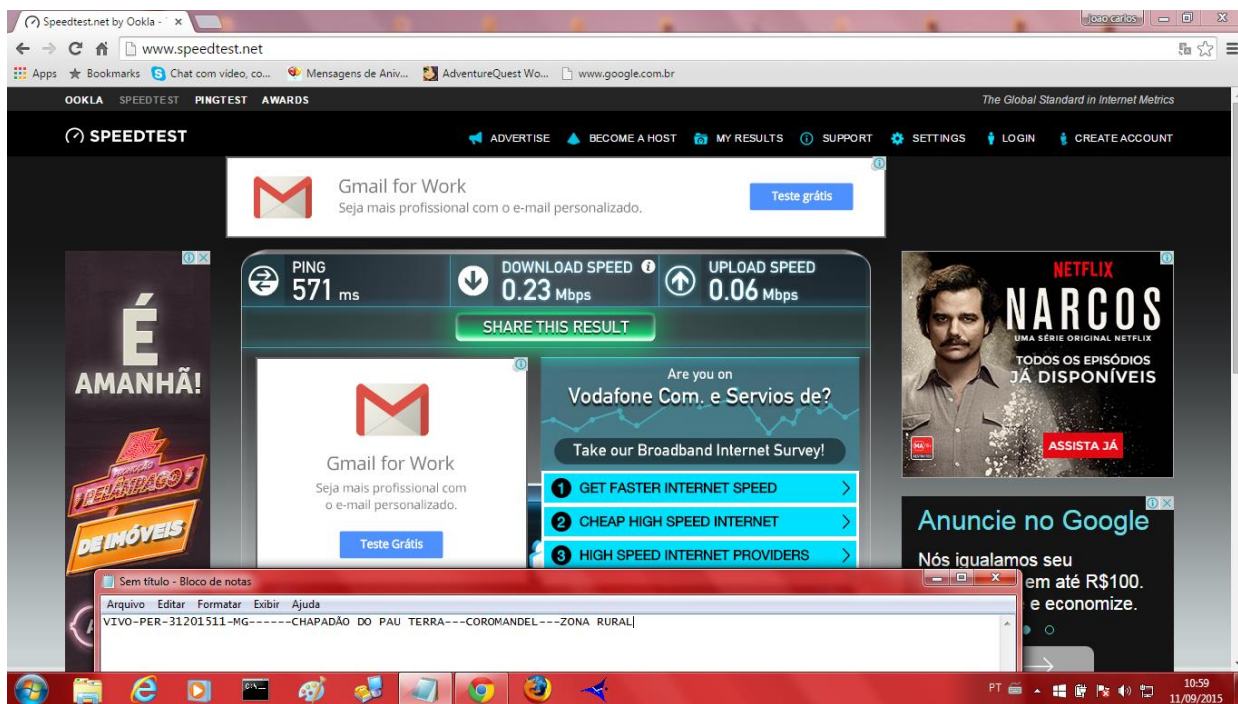
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER- 31201511-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[Mbps]	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            : 12.055973 GHz
Symbol Rate          : 9.320039 Msps
S2 ModCod
- receiving          : 16   8PSK-8/9
- current max        : 23   16APSK-9/10
Pilot                 : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off              : 0.25
SNR                   : 14 dB
Input Power          : -23 dBm
#
```

Satellite (DVB) TX Configuration

```
Auto start           : Enabled
```

```
IDU Output Power      : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : max
EIRP                  : max
Default CW Frequency: 0.000000 GHz
ATM mode               : VC-Mux
Header Compression    : None
```

Satellite (DVB) Transmitter Status

```
-----
State                  : On (TDMA)
IDU Output Power       : -17.5 dBm
ODU Output Power       : 34.7 dBm
EIRP                   : 48.0 dBW
Es/No                  : 14.0 dB
Header Compression     : Disabled
Timing correction      : -101 us (260679 us)
Frequency correction   : -270 Hz
```

IP DVB 10.53.0.124/32

Ping a partir do servidor

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.29.1.129

Pinging 10.29.1.129 with 32 bytes of data:

```
Reply from 10.29.1.129: bytes=32 time=527ms TTL=61
Reply from 10.29.1.129: bytes=32 time=1309ms TTL=61
Reply from 10.29.1.129: bytes=32 time=921ms TTL=61
Reply from 10.29.1.129: bytes=32 time=843ms TTL=61
```

Ping statistics for 10.29.1.129:

```
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 527ms, Maximum = 1309ms, Average = 900ms
```

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.53.0.124

Pinging 10.53.0.124 with 32 bytes of data:

```
Reply from 10.53.0.124: bytes=32 time=1120ms TTL=61
Reply from 10.53.0.124: bytes=32 time=921ms TTL=61
Reply from 10.53.0.124: bytes=32 time=846ms TTL=61
Reply from 10.53.0.124: bytes=32 time=769ms TTL=61
```

Ping statistics for 10.53.0.124:

```
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 769ms, Maximum = 1120ms, Average = 914ms
```

#

ping 8.8.8.8

```
64 bytes from 8.8.8.8: time=2160 ms
64 bytes from 8.8.8.8: time=880 ms
64 bytes from 8.8.8.8: time=880 ms
64 bytes from 8.8.8.8: time=1830 ms
64 bytes from 8.8.8.8: time=940 ms
```

--- 8.8.8.8 ping statistics ---

```
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 880/1330/2160 ms
```