

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

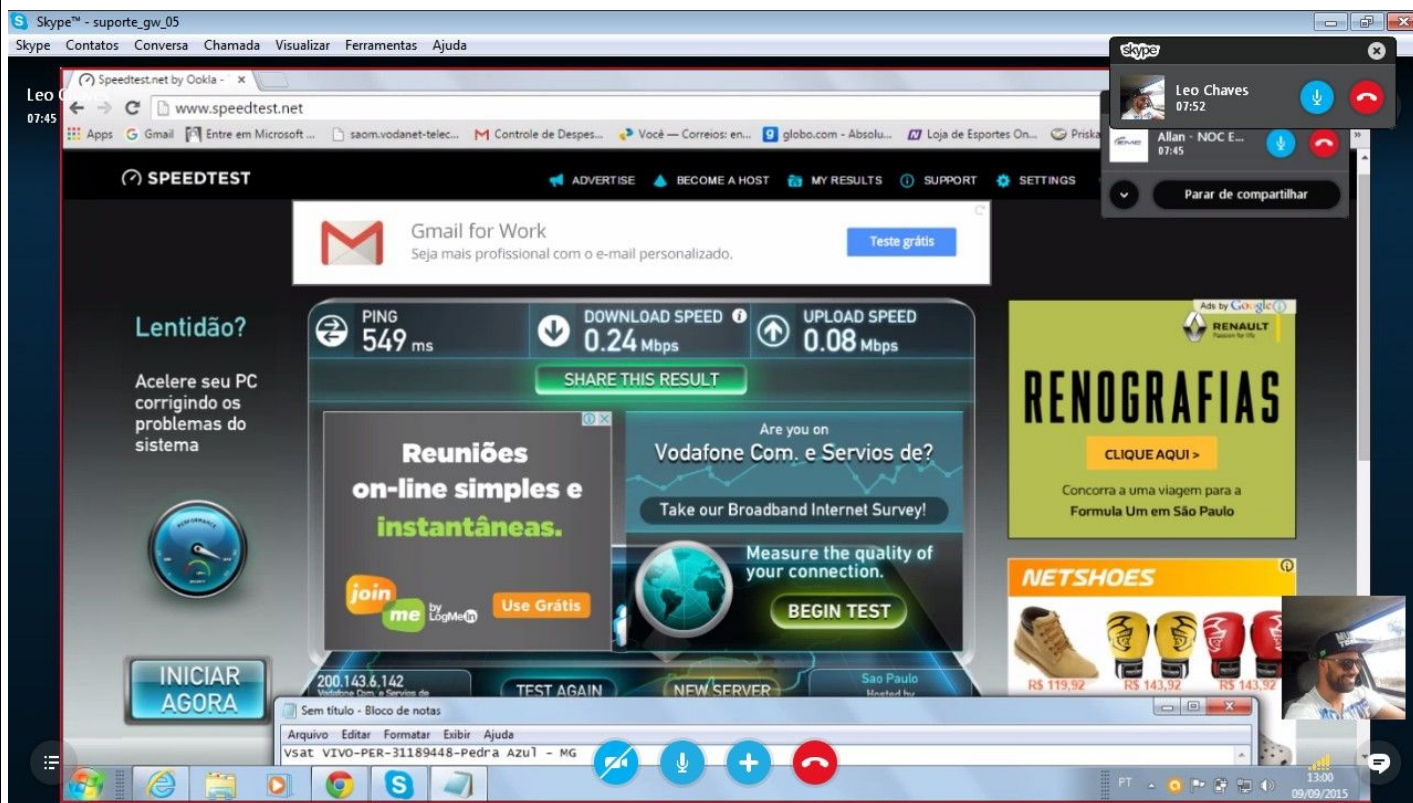
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31189448-MG

Link kbps
256/128

Plataforma
VSAT



The screenshot shows a Skype window titled "Skype™ - suporte_gw_05". The main window displays a speed test result from Speedtest.net. The test results are:

- PING: 549 ms
- DOWNLOAD SPEED: 0.24 Mbps
- UPLOAD SPEED: 0.08 Mbps

Below the results, there is a "SHARE THIS RESULT" button. The background of the speed test page includes various advertisements, such as "Gmail for Work", "Reuniões on-line simples e instantâneas.", "Vodafone Com. e Serviços de?", "Are you on Vodafone Com. e Serviços de?", "Measure the quality of your connection.", "RENOGRAFIAS", and "NETSHOES".

In the top right corner of the Skype window, there is a video call in progress with a contact named "Leo Chaves". The call duration is 07:52. The contact's status is "Allan - NOC E...". There is a "Parar de compartilhar" button next to the video call.

The bottom of the Skype window shows a taskbar with various icons, including the Windows Start button, Internet Explorer, and several application icons. The system clock in the bottom right corner shows "13:00" and "09/09/2015".

10.53.0.91 - PuTTY

```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start          : Enabled
IDU Output Power    : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.7 dBm
EIRP                : 47.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  : None
```

Satellite (DVB) Transmitter Status

```
-----
State               : On (TDMA)
IDU Output Power    : -21.9 dBm
ODU Output Power    : 33.9 dBm
EIRP                : 47.2 dBW
Es/No               : 14.0 dB
Header Compression  : Disabled
Timing correction   : -142 us (261813 us)
Frequency correction: -220 Hz
```

```
#
```

10.53.0.91 - PuTTY

```
# dvb rx show
```

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
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           : 12.055653 GHz
Symbol Rate         : 9.319949 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                 : 13.6 dB
Input Power         : -26 dBm
```

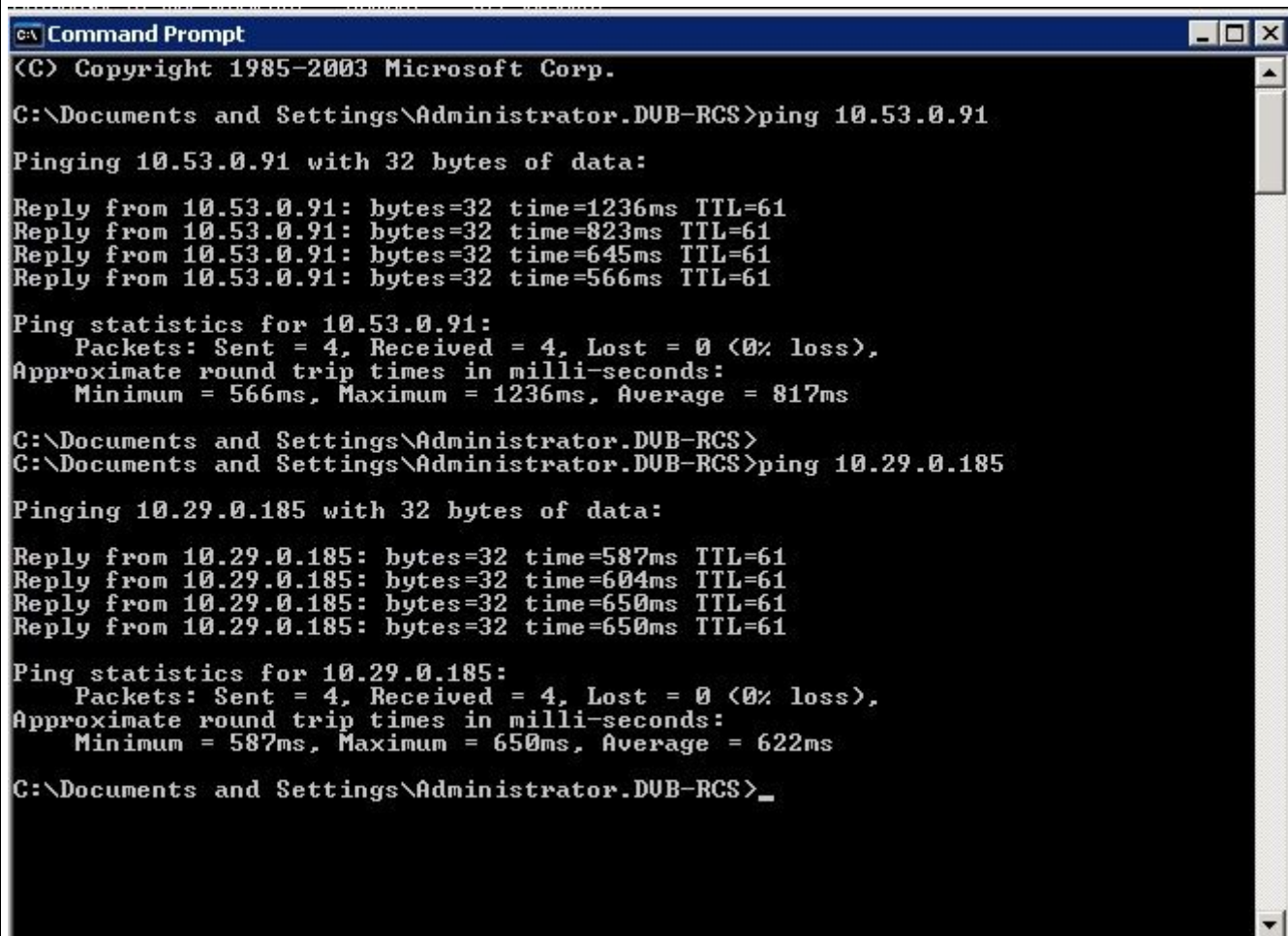
```
#
```

```
#
```

```
#
```

IP DVB 10.53.0.91/32

Ping desde o MGMT- Server ao IP de trafego e para o DVB.



```
C:\ Command Prompt
(C) Copyright 1985-2003 Microsoft Corp.

C:\Documents and Settings\Administrator.DVB-RCS>ping 10.53.0.91

Pinging 10.53.0.91 with 32 bytes of data:

Reply from 10.53.0.91: bytes=32 time=1236ms TTL=61
Reply from 10.53.0.91: bytes=32 time=823ms TTL=61
Reply from 10.53.0.91: bytes=32 time=645ms TTL=61
Reply from 10.53.0.91: bytes=32 time=566ms TTL=61

Ping statistics for 10.53.0.91:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 566ms, Maximum = 1236ms, Average = 817ms

C:\Documents and Settings\Administrator.DVB-RCS>
C:\Documents and Settings\Administrator.DVB-RCS>ping 10.29.0.185

Pinging 10.29.0.185 with 32 bytes of data:

Reply from 10.29.0.185: bytes=32 time=587ms TTL=61
Reply from 10.29.0.185: bytes=32 time=604ms TTL=61
Reply from 10.29.0.185: bytes=32 time=650ms TTL=61
Reply from 10.29.0.185: bytes=32 time=650ms TTL=61

Ping statistics for 10.29.0.185:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 587ms, Maximum = 650ms, Average = 622ms

C:\Documents and Settings\Administrator.DVB-RCS>_
```

Ping desde dentro da VSAT 8.8.8.8

```
10.53.0.91 - PuTTY
# device show
System Information:
  Name       : VIVO-PER-31189448-MG
  Location    : Pedra Azul - MG
  Contact     :
  System Up time : 0 days, 00:25:41
  CPU Load    : 11%
  System time(UTC) : 09 September 2015 15:54:30
  Broadcast Message : not set

HW:
  Model       : SatLink 2000
  HW ID       : 120033
  Main board ID : 120026 R6.2

MAC addresses:
  Ethernet (LAN) : 00:20:0e:10:5d:94
  Satellite (DVB) : 00:20:0e:10:5d:94

# ping 8.8.8.8
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=870 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=650 ms

--- 8.8.8.8 ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 650/710/870 ms
#
```