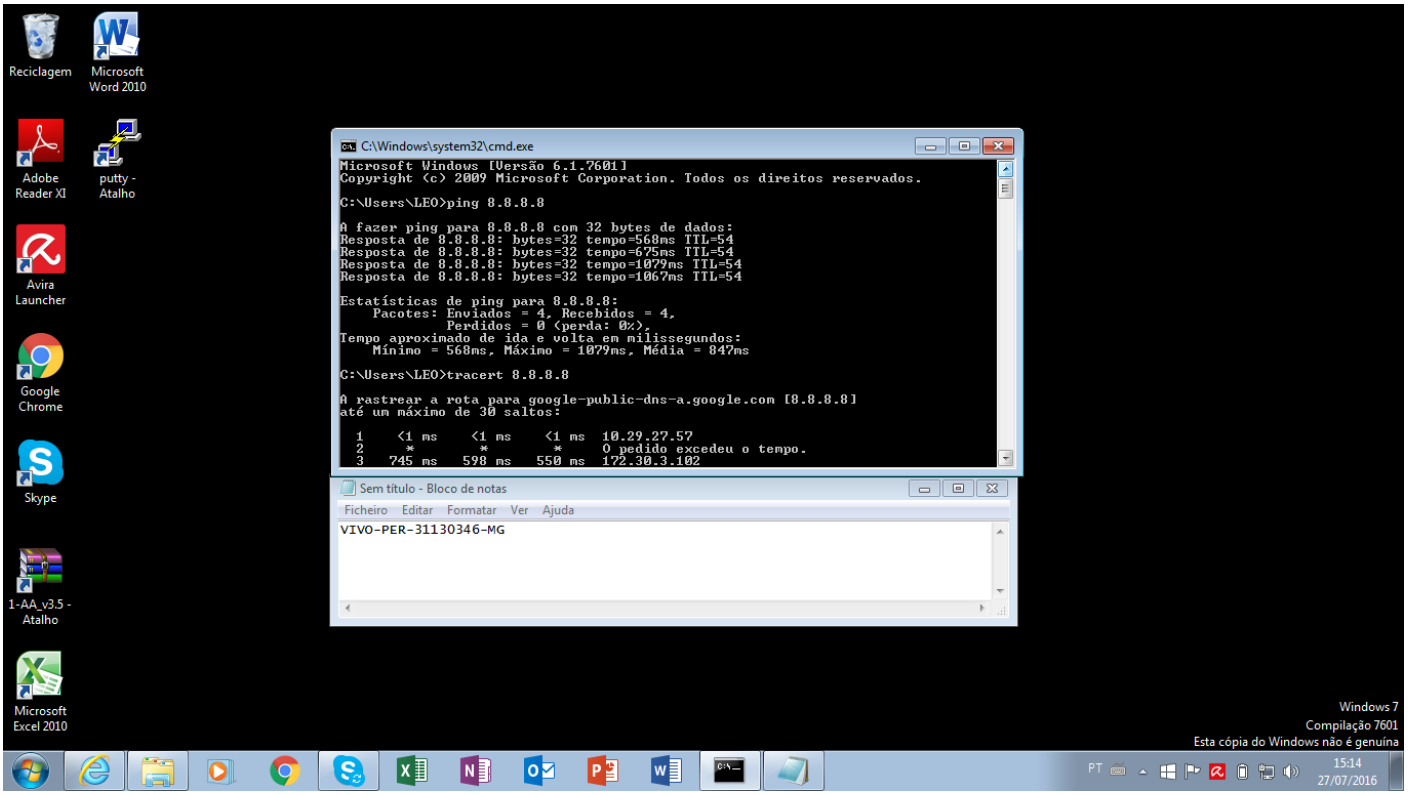
TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Hernan Martins	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-31130346-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 102        Yes
  1  1     0.000000       0.000000  DVB-S2 2          No

Satellite (DVB) Receiver Status
--------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 1326,  T14R Beam
Frequency            : 12.055980 GHz
Symbol Rate          : 9.319902 Msps
S2 ModCod
      - receiving    : 14   8PSK-3/4
      - current max  : 15   8PSK-5/6
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.20
```

```
SNR                 : 12.5 dB
Input Power         : -21 dBm




Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
----------------------------------
State               : On (TDMA)
IDU Output Power    : -17.6 dBm
ODU Output Power    : 33.0 dBm
EIRP                : 46.3 dBW
Es/No               : 13.5 dB
Header Compression  : Disabled
Timing correction   : -119 us (262508 us)
Frequency correction: -110 Hz




ping -t 172.18.131.109

Disparando 172.18.131.109 com 32 bytes de dados:
Resposta de 172.18.131.109: bytes=32 tempo=878ms TTL=62
Resposta de 172.18.131.109: bytes=32 tempo=890ms TTL=62
Resposta de 172.18.131.109: bytes=32 tempo=1378ms TTL=62
Resposta de 172.18.131.109: bytes=32 tempo=904ms TTL=62
Resposta de 172.18.131.109: bytes=32 tempo=730ms TTL=62
Resposta de 172.18.131.109: bytes=32 tempo=807ms TTL=62
Resposta de 172.18.131.109: bytes=32 tempo=911ms TTL=62
Resposta de 172.18.131.109: bytes=32 tempo=1229ms TTL=62
Resposta de 172.18.131.109: bytes=32 tempo=964ms TTL=62
Resposta de 172.18.131.109: bytes=32 tempo=735ms TTL=62

Estatísticas do Ping para 172.18.131.109:
    Pacotes: Enviados = 10, Recebidos = 10, Perdidos = 0 (0% de
             perda),
Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 730ms, Máximo = 1378ms, Média = 942ms
```