EMC — EMERGING MARKETS COMMUNICATIONS	# TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Wallace Teixeira	**Cliente: VIVO**

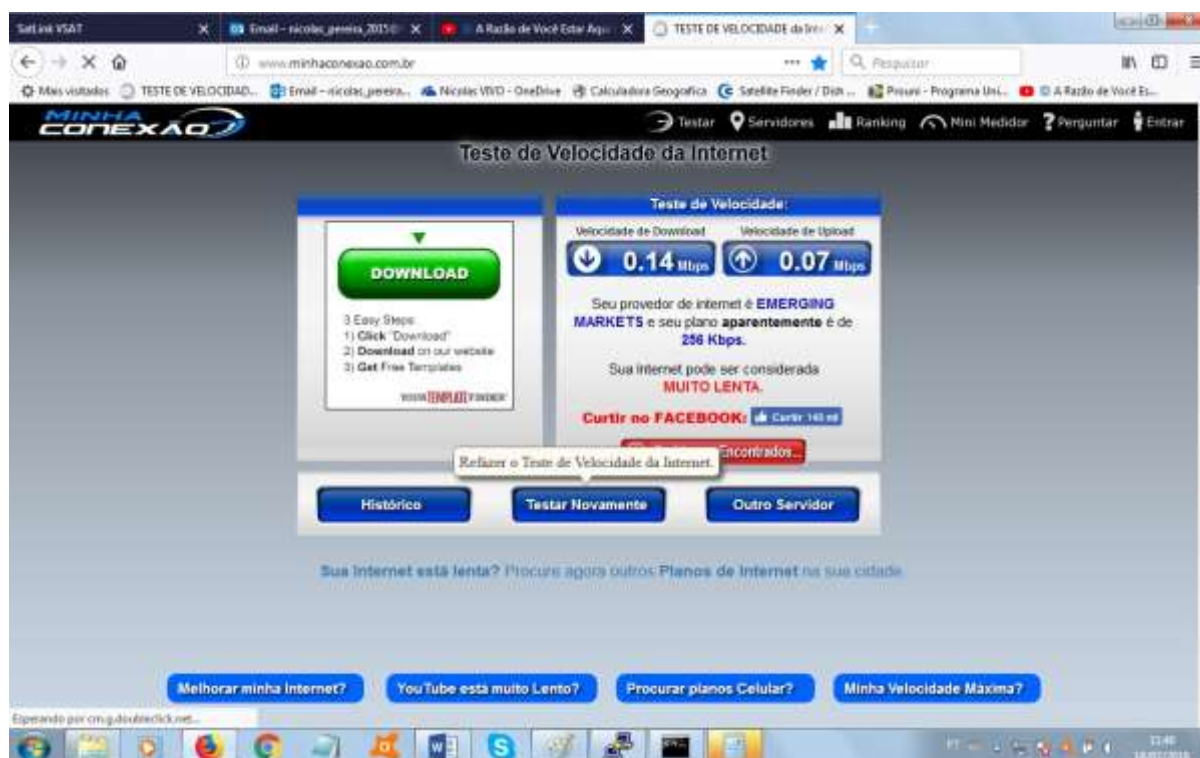|			
Empresa EMC Brasil	**VSAT-ID** VIVO-PER-25064460-PB	**Link kbps** 256k/128k	**Plataforma** VSAT

dvb tx show

Satellite (DVB) TX Configuration

Auto start   : Enabled
IDU Output Power   : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode   : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State   : On (DVB-RCS2)
IDU Output Power   : -20.1 dBm
Es/No   : 11.5 dB
Header Compression : Disabled
Timing correction   : -6 us (250045 us)
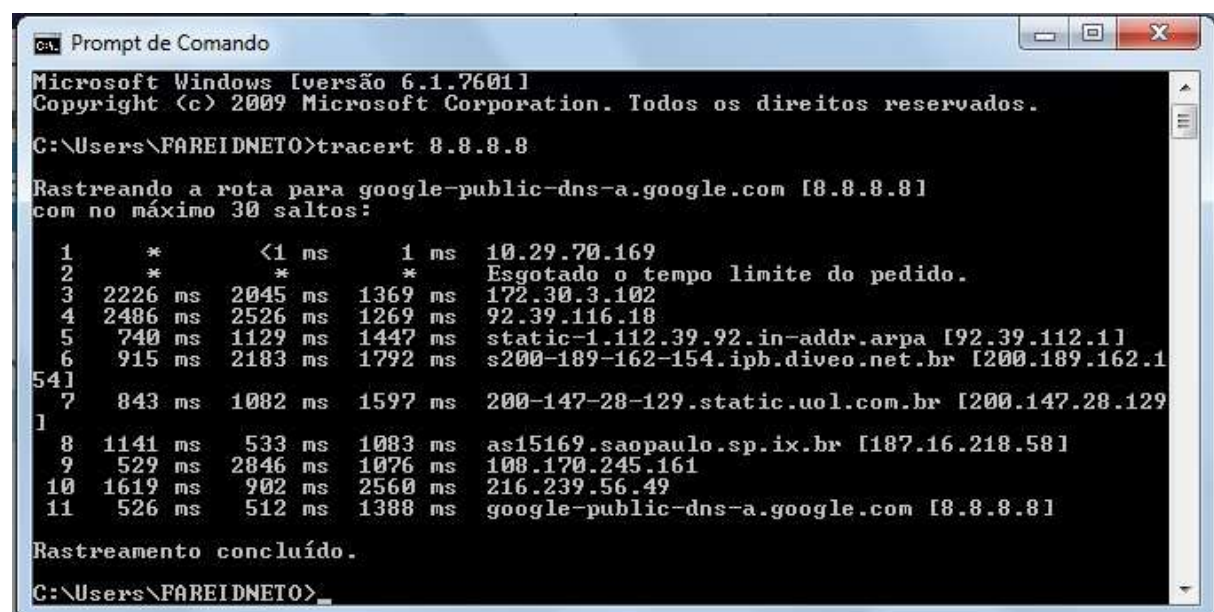Frequency correction: -60 Hz

```
# dvb rx show

Satellite (DVB) RX Configuration
--------------------------------
Auto start        : Enabled
Max Traffic MODCOD   : 23   16APSK-9/10
RX watchdog       : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz] Mode   PopId  SatId Pos  SatName      Name          Enable
 0  0   30.000000     11.592000 DVB-S2 102      0  0.0 E                   Yes
 1  1   25.333333     12.050000 DVB-S2 4        0  0.0 E                   Yes
* 5  5   30.000000     11.592000 DVB-S2 102      0  0.0 E                    Yes
 9  9   25.333000     11.592000 DVB-S2 102      0  0.0 E                    Yes

Satellite (DVB) Receiver Status
--------------------------------
Rx State       : On
DVB State      : Forward link up
Network        : 1326,  T14R Beam
Frequency      : 11.591914 GHz
Symbol Rate    : 29.999480 Msps
S2 ModCod
   - receiving  : 12   8PSK-3/5
   - current max : 22   16APSK-8/9
Pilot          : On
Frame length     : Short
DVB S2 Mode      : ACM
DVB S2 Stream type  : MPEG-TS
Roll off        : 0.20
SNR          : 16.1 dB
Input Power      : -30 dBm
```

```
Prompt de Comando                                                    [ _ | □ | X ]

Microsoft Windows [versão 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. Todos os direitos reservados.

C:\Users\FAREIDNETO>tracert 8.8.8.8

Rastreando a rota para google-public-dns-a.google.com [8.8.8.8]
com no máximo 30 saltos:

  1     *      <1 ms     1 ms  10.29.70.169
  2     *       *         *    Esgotado o tempo limite do pedido.
  3  2226 ms  2045 ms  1369 ms  172.30.3.102
  4  2486 ms  2526 ms  1269 ms  92.39.116.18
  5   740 ms  1129 ms  1447 ms  static-1.112.39.92.in-addr.arpa [92.39.112.1]
  6   915 ms  2183 ms  1792 ms  s200-189-162-154.ipb.diveo.net.br [200.189.162.1
54]
  7   843 ms  1082 ms  1597 ms  200-147-28-129.static.uol.com.br [200.147.28.129
]
  8  1141 ms   533 ms  1083 ms  as15169.saopaulo.sp.ix.br [187.16.218.58]
  9   529 ms  2846 ms  1076 ms  108.170.245.161
 10  1619 ms   902 ms  2560 ms  216.239.56.49
 11   526 ms   512 ms  1388 ms  google-public-dns-a.google.com [8.8.8.8]

Rastreamento concluído.

C:\Users\FAREIDNETO>_
```