	TERMO DE ACEITE TÉCNICO

Solicitante: Projeto Escolas Rurais

NOC/Operador: Leonardo Martins	**Cliente: VIVO-PER**

Empresa EMC Brasil	**VSAT-ID** VIVO-PER-31251062-MG	**Link kbps** 256k/128k	**Plataforma** VSAT
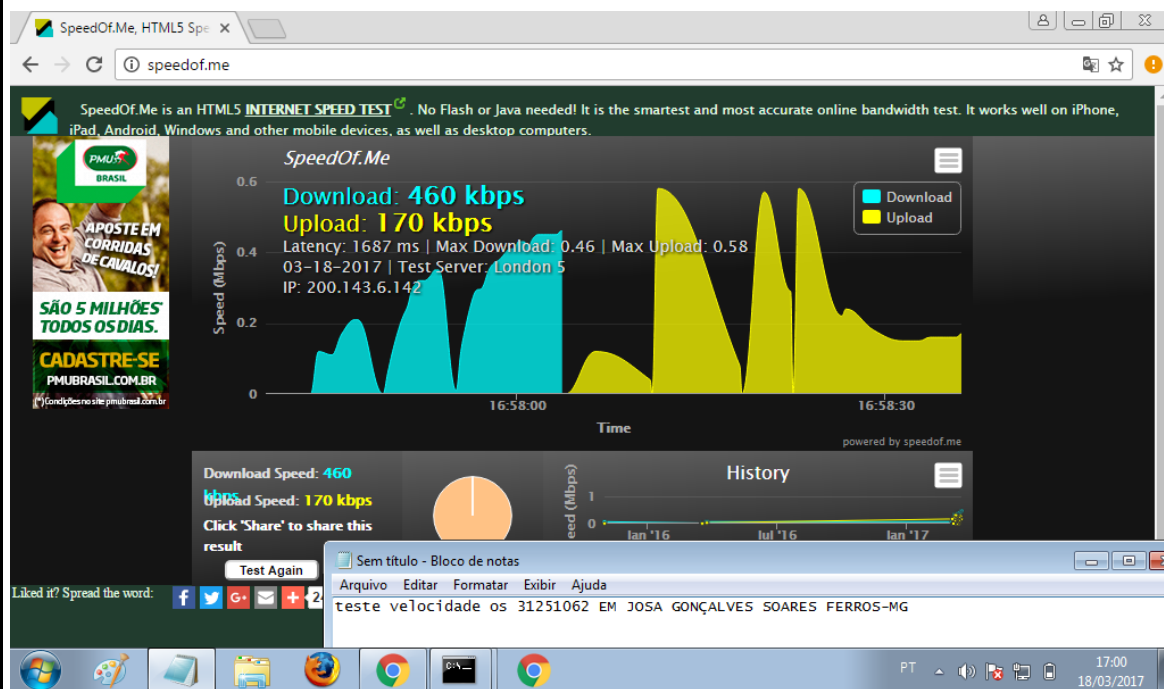

```
# device show
System Information:
    Name             : VIVO-PER-31251062-MG
    Location         : Ferros/MG
    Contact          :
    System Up time   : 0 days, 00:53:17
    CPU Load         : 12%
    System time(UTC) : 18 March 2017 20:35:14
    Broadcast Message : not set

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

MAC addresses:
    Ethernet (LAN)   : 00:20:0e:10:8f:fd
    Satellite (DVB)  : 00:20:0e:10:8f:fd

# dvb tx show

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


Satellite (DVB) Transmitter Status
----------------------------------
State                 : On  (DVB-RCS)
IDU Output Power    : -16.6 dBm
ODU Output Power    : 34.3 dBm
EIRP                  : 47.6 dBW
Es/No                 : 13.0 dB
Header Compression  : Disabled
Timing correction   : -83 us (262068 us)
Frequency correction: -70 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      9.320000      12.055825 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             : 12.055930 GHz
Symbol Rate           : 9.320013 Msps
S2 ModCod
      - receiving   : 12   8PSK-3/5
      - current max : 16   8PSK-8/9
Pilot                 : On
Frame length          : Short
DVB S2 Mode           : ACM
DVB S2 Stream type  : MPEG-TS
Roll off              : 0.20
SNR                   : 13.8 dB
Input Power           : -22 dBm
# odu show


Antenna
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Type                            ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller              None
Tx Gain at 14.25 GHz            43.3dB


Transmitter (BUC)
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Type                            SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.                  104804040203090404670000
ODU HW Version                  4.2
ODU SW Version                  1.3
Local oscillator                13.050000 GHz
DC supply                       24V On
Temperature                     44 Deg C


Receiver (LNB)
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```
Type                              SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1            9.750000 GHz
Local oscillator - LO2            10.600000 GHz
Oscillator switching frequency 1-2  11.700000 GHz
LO Switching mode                 22kHz
13/18V DC supply                  13V


# dvb cr show

Capacity parameters per channel:
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Channel  CRA[kbps]  Allocated[kbps]
      0          0                0

Requested capacity per QoS class:
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Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
      0       0           200          20             2            0 Best Effort
      0       1             0           0             0            0 VoiP
      0       2             0           0             0            0 ViC
      0       3            32           3             0            0 Critical Data

RBDC timeout 5 VBDC timeout 12

VBDC computation interval 200 ms (configured 0)
#
```