TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
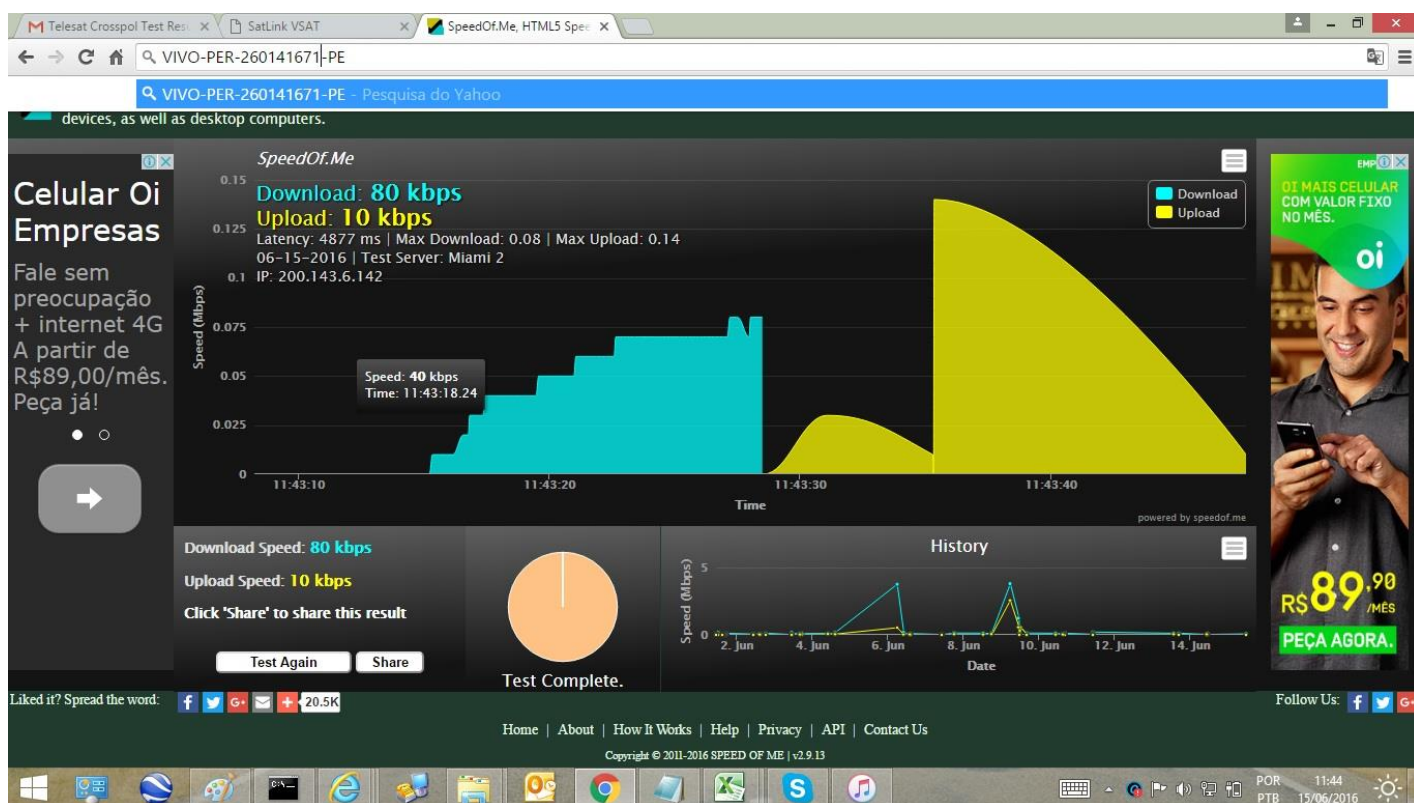
NOC/Operador: Leonardo Martins

Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-26058405-PE	256k/128k	VSAT


```
# dvb tx show

Satellite (DVB) TX Configuration
SatLink 2000
- Main board ID 120026, Revision R6.2
- SW ID 120208, Revision 16.0.1 Build 57
# 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     : 35.0 dBm
EIRP                : 48.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode            : VC-Mux
Header Compression  :  None
```

```
Satellite (DVB) Transmitter Status
-------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -18.3 dBm
ODU Output Power    : 34.7 dBm
EIRP                : 47.7 dBW
Es/No               : 13.5 dB
Header Compression  : Disabled
Timing correction   : -610 us (262400 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,  GlobalIP@Telstar-14R
Frequency           : 12.056085 GHz
Symbol Rate         : 9.320076 Msps
S2 ModCod
       - receiving  : 1   QPSK-1/4
       - 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                 : 13.1 dB
Input Power         : -24 dBm
#

IP DVB 10.50.1./32


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


Ping desde dentro da VSAT 8.8.8.8


# ping 8.8.8.8
64 bytes from 8.8.8.8: time=1870 ms
64 bytes from 8.8.8.8: time=860 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=710 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 690/960/1870 ms
#
```