TERMO DE ACEITE TÉCNICO

EMC — EMERGING MARKETS COMMUNICATIONS

Solicitante: VIVO- Projeto Escolas Rurais

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

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-22094512-PI	256k/128k	VSAT

VIVO-PER-22094512-PI VILA NOVA DO PIAUI/PI
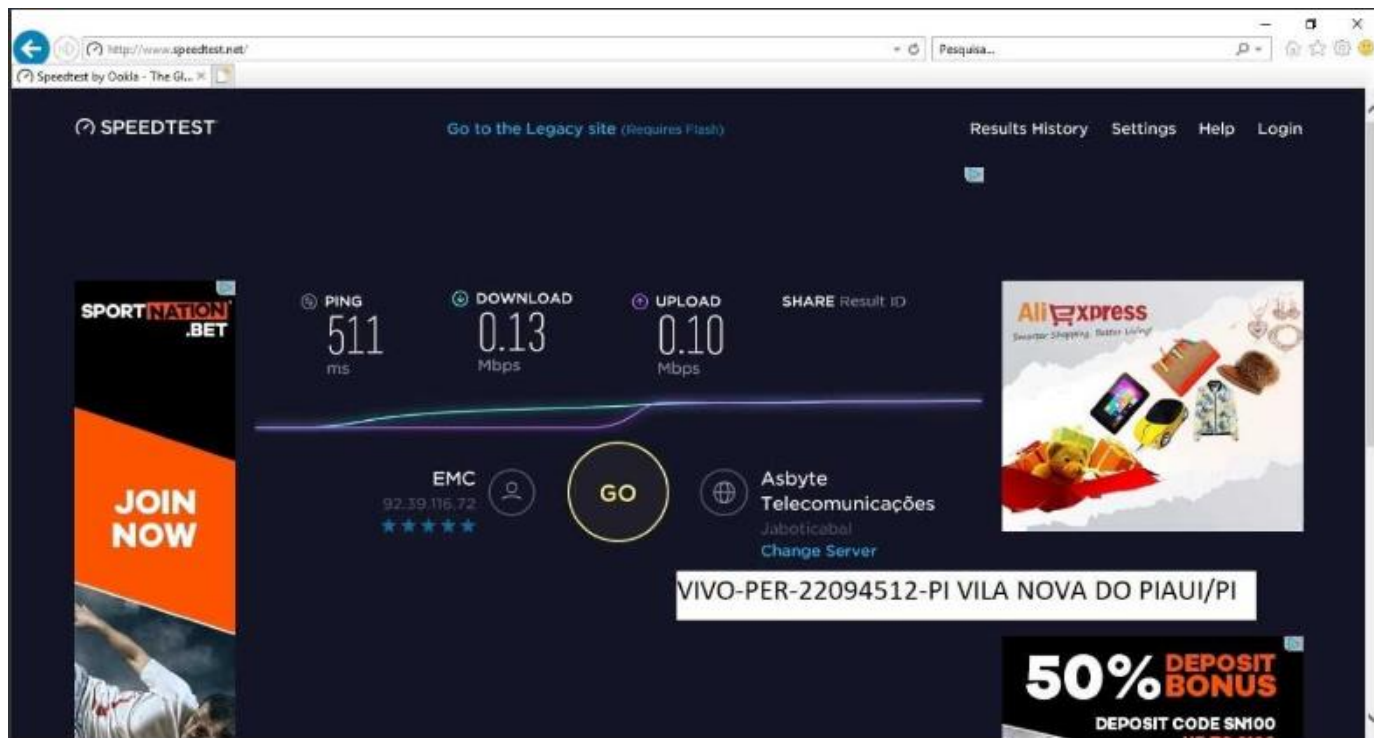
```
# device show
System Information:
    Name             : VIVO-PER-22094512-PI
    Location         : VILA NOVA DO PIAUI- PI
    Contact          :
    System Up time   : 0 days, 01:59:31
    CPU Load         : 22%
    System time(UTC) : 15 February 2018 15:36:14
    Broadcast Message : not set

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

MAC addresses:
    Ethernet (LAN)   : 00:20:0e:10:74:00
    Satellite (DVB)  : 00:20:0e:10:74:00

# 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   : -19.9 dBm
Es/No              : 5.0 dB
Header Compression : Disabled
Timing correction  : -173 us (247513 us)
Frequency correction: -10 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      12.050000 DVB-S2 102          0   0.0 E
Yes
  1  1    25.333333      12.050000 DVB-S2 4            0   0.0 E
Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State           : On
DVB State          : Forward link up
Network            : 1326,  T14R Beam
Frequency          : 12.050038 GHz
Symbol Rate        : 30.000140 Msps
S2 ModCod
     - receiving   : 7   QPSK-3/4
     - 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                : 14.7 dB
Input Power        : -26 dBm
# dvb cr show

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

Requested capacity per QoS class:
---------------------------------
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 14 VBDC timeout 20

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