TERMO DE ACEITE TÉCNICO

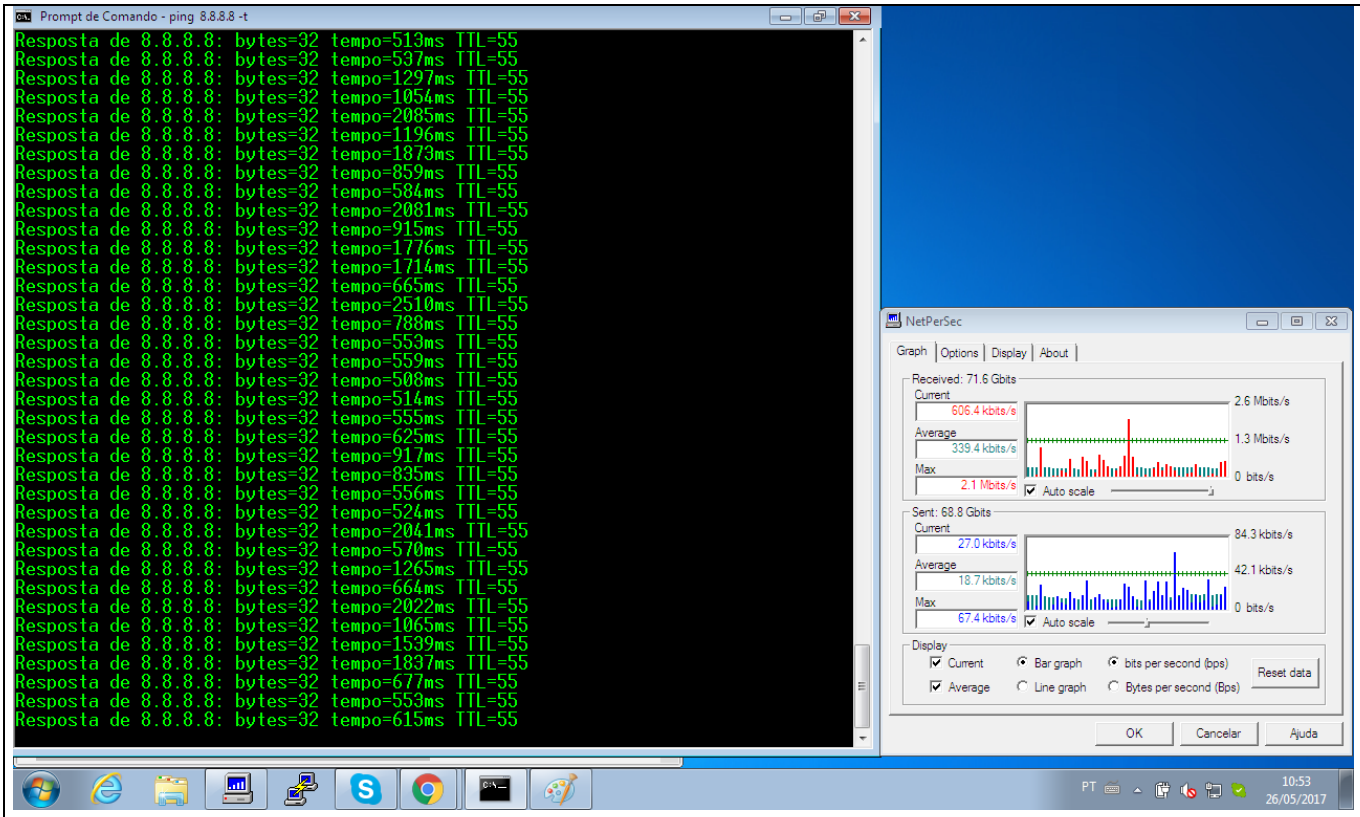
Solicitante: GEE

NOC/Operador: Rogério Frias	**Cliente: Nort Sat**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	NSAT-PAI_III	4096k/1024k	VSAT

```
# device show
System Information:
   Name              : NSAT-PAI_III
   Location          : MANAUS - AM
   Contact           :
   System Up time    : 0 days, 16:46:23
   CPU Load          : 19%
   System time(UTC)  : 26 May 2017 14:40:28
   Broadcast Message : not set

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

MAC addresses:
   Ethernet (LAN)    : 00:20:0e:10:90:88
   Satellite (DVB)   : 00:20:0e:10:90:88

# 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    15.000000     12.059000 DVB-S2 4         0   0.0 E                 Yes
  1  1     9.320000     12.055825 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         : 12.059181 GHz
Symbol Rate       : 15.000136 Msps
S2 ModCod
     - receiving  : 18  16APSK-2/3
     - current max : 19  16APSK-3/4
Pilot             : On
Frame length      : Short
DVB S2 Mode       : ACM
DVB S2 Stream type  : MPEG-TS
Roll off          : 0.20
SNR               : 12.9 dB
Input Power       : -38 dBm
# dvb tx show

Satellite (DVB) TX Configuration
---------------------------------
```

```
Auto start          : Enabled
IDU Output Power    : -15 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-RCS)
IDU Output Power    : -15.0 dBm
Es/No               : 13.5 dB
Header Compression  : Disabled
Timing correction   : -100 us (249858 us)
Frequency correction: -30 Hz
# odu show

Antenna
---------------------
Type                          BrasilSat SOB107-12  - 1.2m
Antenna controller                 None
Tx Gain at 14.25 GHz                43.0dB

Transmitter (BUC)
---------------------------------
Type                          JRC NJT5037 (14.0-14.5 GHz)
Local oscillator                 13.050000 GHz
DC supply                        24V On

Receiver (LNB)
-----------------------------
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:
--------------------------------
Channel  CRA[kbps] Allocated[kbps]
     0         0              7

Requested capacity per QoS class:
---------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
     0       0          1024         102             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 20

VBDC computation interval 200 ms (configured 0)
# ip mfc show
MfC Classification table
Module: PEP (1)
SubIdx Idx Grp Classification Parms     HitCount
    1  10   1 Dst port =     1..65535   6192
#
```


Prompt de Comando - ping 8.8.8.8 -t
Resposta de 8.8.8.8: bytes=32 tempo=513ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=537ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1297ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1054ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=2085ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1196ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1873ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=859ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=584ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=2081ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=915ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1776ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1714ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=665ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=2510ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=788ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=553ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=559ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=508ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=514ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=555ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=625ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=917ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=835ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=556ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=524ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=2041ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=570ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1265ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=664ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=2022ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1065ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1539ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1837ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=677ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=553ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=615ms TTL=55
NetPerSec
Graph
Options
Display
About
Received: 71.6 Gbits
Current
606.4 kbits/s
Average
339.4 kbits/s
Max
2.1 Mbits/s
2.6 Mbits/s
1.3 Mbits/s
0 bits/s
Auto scale
Sent: 68.8 Gbits
Current
27.0 kbits/s
Average
18.7 kbits/s
Max
67.4 kbits/s
84.3 kbits/s
42.1 kbits/s
0 bits/s
Auto scale
Display
Current
Average
Bar graph
Line graph
bits per second (bps)
Bytes per second (Bps)
Reset data
OK
Cancelar
Ajuda
PT
10:53
26/05/2017

Univ. Ku-BAND LNB
MODEL:NJR2842A3
INPUT 10.70-12.75GHz
LOCAL 9.75/10.6GHz
S/N:A02298A65
DC INPUT:+10V to 24V
New Japan Radio Co.,Ltd.
RoHS Compliant
MADE IN JAPAN