prodemge

TERMO DE ACEITE TÉCNICO
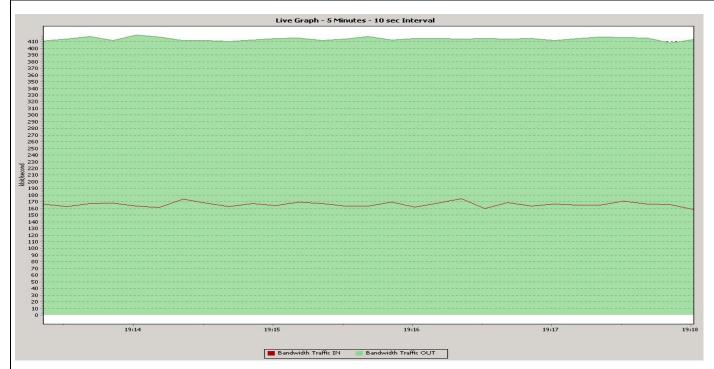
Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais		**Data:** 18/01/2012	
NOC/Operadora: Jefferson de Souza Marques		**Operadora/Cliente:** Marco Aurélio	
GRE/Prodemge: Rafael Alves Ferreira		**Responsável/cliente:** Rodrigo Ribeiro Toledo	
Consórcio STM/Vodanet	**VSAT-ID** SES-JURA-0649	**Porta kbps** 384/153	**Plataforma** VSAT

Live Graph - 5 Minutes - 10 sec Interval
Bandwidth Traffic IN   Bandwidth Traffic OUT

```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode   PopId  Enable
* 0  0    7.120000        11.583700  DVB-S2 2      Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.583961 GHz
Symbol Rate         : 7.119979 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 23   16APSK-9/10
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 15.0 dB
Input Power         : -39 dBm
```

```
#
Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Disabled
IDU output power    : -11 dBm
EIRP                : 46.5 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
-------------------------------
State               : On (TDMA)
IDU Output Power    : -10.9 dBm
ODU Output Power    : 33.3 dBm
EIRP                : 46.6 dBW
Eb/No               : 16.0 dB
Header Compression  :  DSM-CC
Timing correction   : -397 us (271809 us)
Frequency correction: 160 Hz

IP DVB 10.148.0.75/32

Pinging 10.144.6.1 with 32 bytes of data:

Reply from 10.144.6.1: bytes=32 time=636ms TTL=61
Reply from 10.144.6.1: bytes=32 time=555ms TTL=61
Reply from 10.144.6.1: bytes=32 time=697ms TTL=61
Reply from 10.144.6.1: bytes=32 time=639ms TTL=61
Reply from 10.144.6.1: bytes=32 time=562ms TTL=61
Reply from 10.144.6.1: bytes=32 time=670ms TTL=61
Reply from 10.144.6.1: bytes=32 time=594ms TTL=61
Reply from 10.144.6.1: bytes=32 time=661ms TTL=61
Reply from 10.144.6.1: bytes=32 time=570ms TTL=61
Reply from 10.144.6.1: bytes=32 time=677ms TTL=61

Ping statistics for 10.144.6.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 555ms, Maximum = 697ms, Average = 626ms
```