



TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais

Data: 14/03/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Deferson de Oliveira Silva

GRE/Prodemge: Bruno Hauck

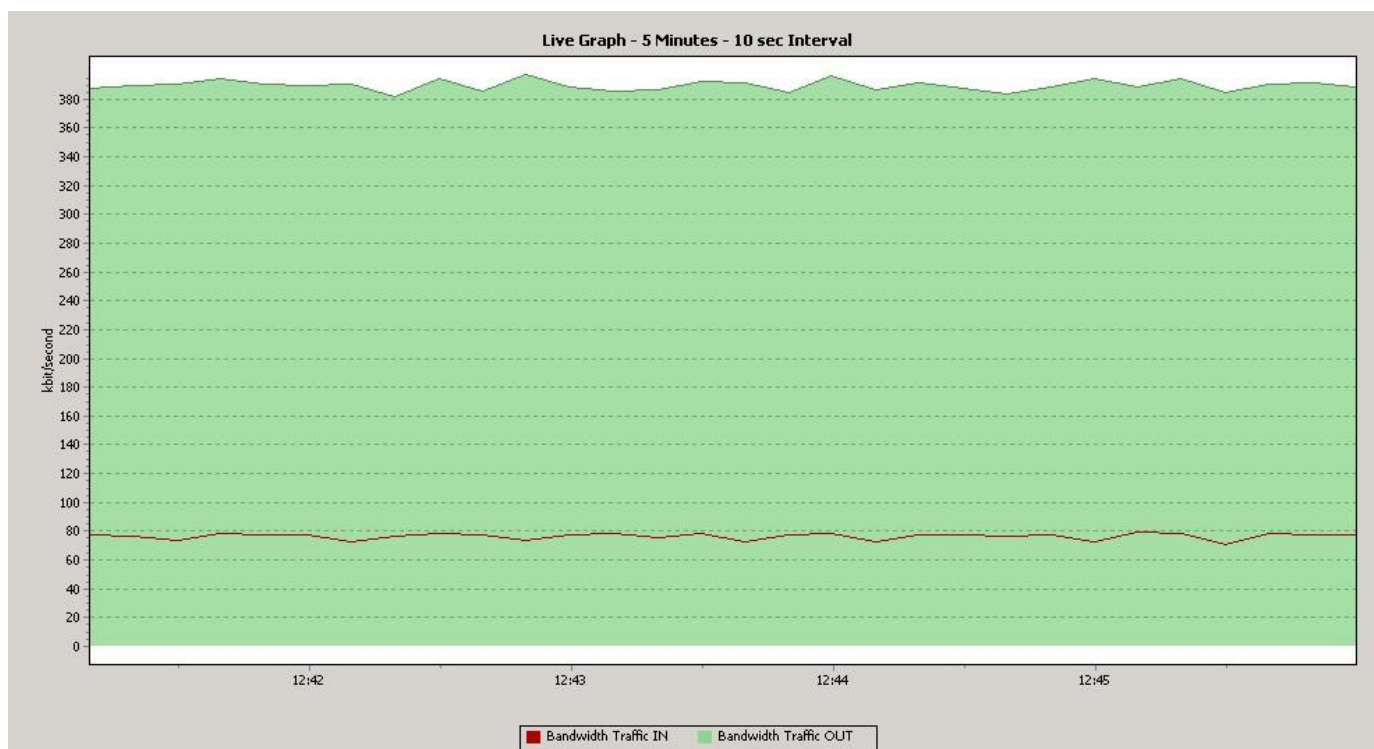
Responsável/cliente: William David de Andrade

Consórcio
STM/Vodanet

VSAT-ID
SES-UMBA-0800

Porta kbps
384/153

Plataforma
VSAT



Satellite (DVB) RX Configuration

Auto start : Enabled
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog : 15 minute

| Idx | Pri | SymbRate[Mbps] | Freq[GHz] | Mode | PopId | Enable |
|-----|-----|----------------|-----------|--------|-------|--------|
| * 0 | 0 | 7.120000 | 11.583700 | DVB-S2 | 2 | Yes |
| 1 | 1 | 0.000000 | 0.000000 | DVB-S2 | 2 | No |

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.583943 GHz
Symbol Rate : 7.119979 Mbps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 13.2 dB
Input Power : -35 dBm

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#
Satellite (DVB) TX Configuration
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Auto start           : Enabled
IDU Output Power     : -16 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 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     : -11.8 dBm
ODU Output Power     : 34.5 dBm
EIRP                 : 47.8 dBW
Es/No                : 12.5 dB
Header Compression   : DSM-CC
Timing correction    : -330 us (269619 us)
Frequency correction : -190 Hz

IP DVB 10.148.0.127/32

Pinging 10.144.116.1 with 32 bytes of data:

Reply from 10.144.116.1: bytes=32 time=578ms TTL=62
Reply from 10.144.116.1: bytes=32 time=589ms TTL=62
Reply from 10.144.116.1: bytes=32 time=539ms TTL=62
Reply from 10.144.116.1: bytes=32 time=530ms TTL=62
Reply from 10.144.116.1: bytes=32 time=637ms TTL=62
Reply from 10.144.116.1: bytes=32 time=561ms TTL=62
Reply from 10.144.116.1: bytes=32 time=571ms TTL=62
Reply from 10.144.116.1: bytes=32 time=591ms TTL=62
Reply from 10.144.116.1: bytes=32 time=602ms TTL=62
Reply from 10.144.116.1: bytes=32 time=623ms TTL=62

Ping statistics for 10.144.116.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 530ms, Maximum = 637ms, Average = 582ms
```