



TERMO DE ACEITE TÉCNICO

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

Data: 12/04/2012

NOC/Operadora: Renan Borges Sousa

Operadora/Cliente: Leonardo Batista de Araujo Silva

GRE/Prodemge: Bruno de Líbero Hauck Ferreira

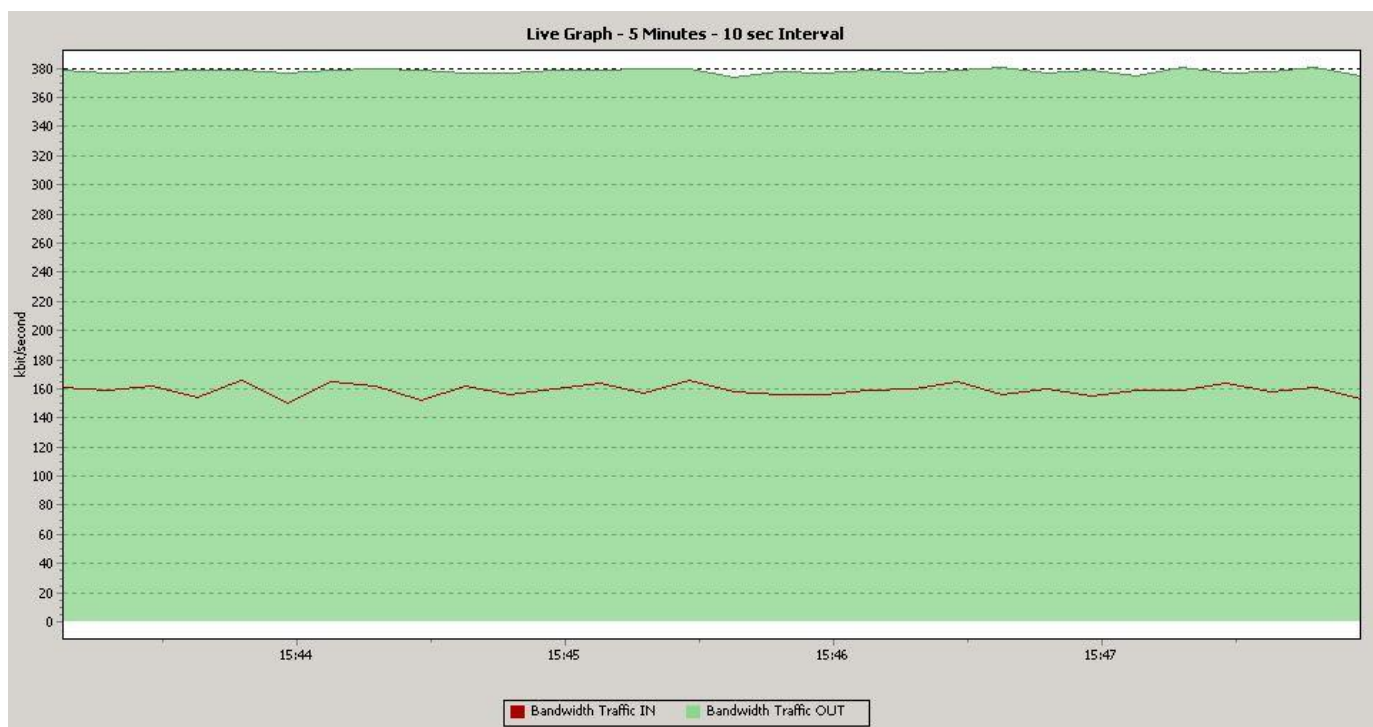
Responsável/cliente: Michael Luíz Diana de Oliveira

Consórcio
STM/Vodanet

VSAT-ID
SES-SAIA-3231

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 : 11.583894 GHz
Symbol Rate : 7.119965 Msps
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 : 14.6 dB
Input Power : -41 dBm

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Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.2 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 : -12.4 dBm
ODU Output Power : 33.2 dBm
EIRP : 46.5 dBW
Es/No : 14.0 dB
Header Compression : DSM-CC
Timing correction : -479 us (271504 us)
Frequency correction: -60 Hz

IP DVB 10.148.0.168/32

Pinging 10.145.10.1 with 32 bytes of data:

Reply from 10.145.10.1: bytes=32 time=621ms TTL=62
Reply from 10.145.10.1: bytes=32 time=577ms TTL=62
Reply from 10.145.10.1: bytes=32 time=564ms TTL=62
Reply from 10.145.10.1: bytes=32 time=574ms TTL=62
Reply from 10.145.10.1: bytes=32 time=593ms TTL=62
Reply from 10.145.10.1: bytes=32 time=572ms TTL=62
Reply from 10.145.10.1: bytes=32 time=624ms TTL=62
Reply from 10.145.10.1: bytes=32 time=546ms TTL=62
Reply from 10.145.10.1: bytes=32 time=590ms TTL=62
Reply from 10.145.10.1: bytes=32 time=577ms TTL=62

Ping statistics for 10.145.10.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 546ms, Maximum = 624ms, Average = 583ms