



TERMO DE ACEITE TÉCNICO

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

Data: 17/04/2012

NOC/Operadora: Renan Borges Sousa

Operadora/Cliente: Marcos Paulo de Sousa Ferreira

GRE/Prodemge: Bruno de Líbero Hauck Ferreira

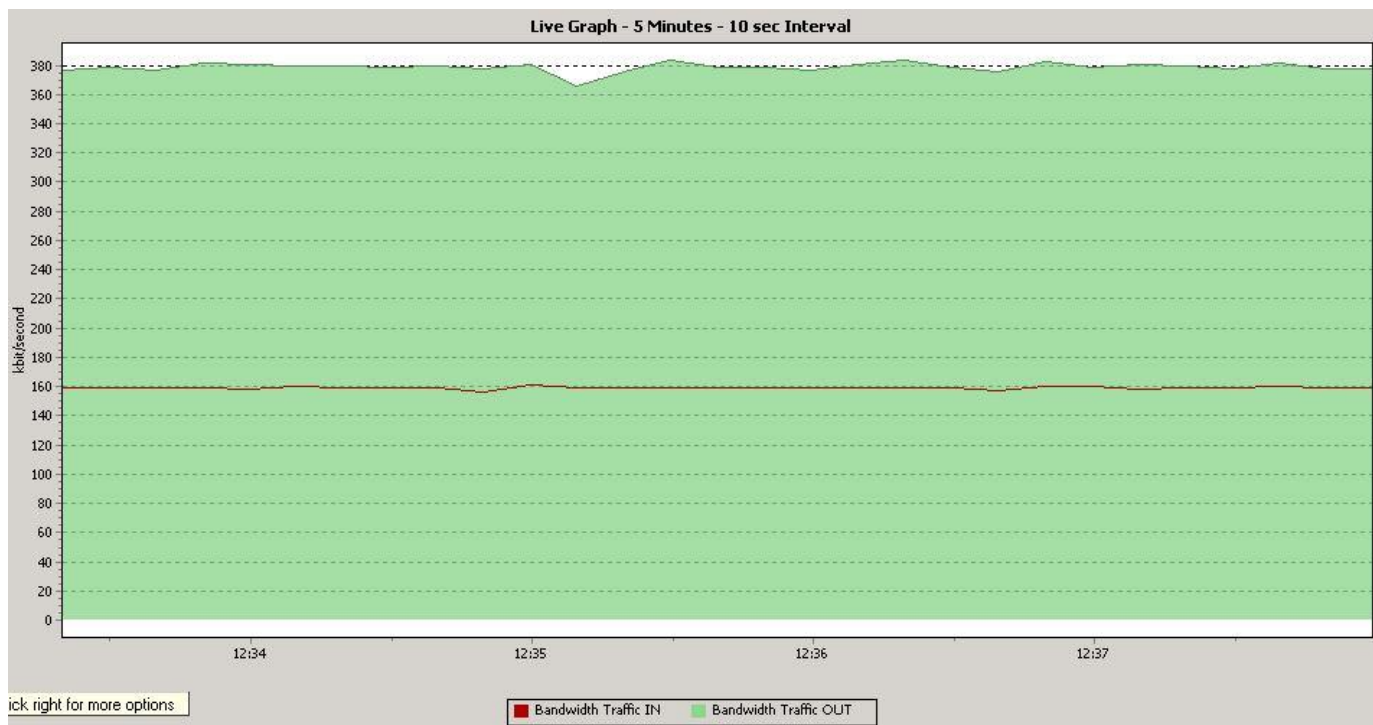
Responsável/cliente: Fulgêncio Fernandes de Souza

Consórcio
STM/Vodanet

VSAT-ID
SES-AGAS-0934

Porta kbps
384/153

Plataforma
VSAT



Satellite (DVB) RX Configuration

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

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

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.583778 GHz
Symbol Rate : 7.119909 Msp/s
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short frame
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 15.1 dB
Input Power : -28 dBm

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Satellite (DVB) TX Configuration

Auto start : Enabled
IDU output power : -22 dBm
IDU max output power: 0.0 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 : -17.5 dBm
ODU Output Power : 34.6 dBm
EIRP : 47.9 dBW
Es/No : 12.5 dB
Header Compression : DSM-CC
Timing correction : -386 us (269719 us)
Frequency correction: -260 Hz

IP DVB 10.148.0.180/32

Pinging 10.144.242.1 with 32 bytes of data:

Reply from 10.144.242.1: bytes=32 time=588ms TTL=62
Reply from 10.144.242.1: bytes=32 time=567ms TTL=62
Reply from 10.144.242.1: bytes=32 time=619ms TTL=62
Reply from 10.144.242.1: bytes=32 time=630ms TTL=62
Reply from 10.144.242.1: bytes=32 time=587ms TTL=62
Reply from 10.144.242.1: bytes=32 time=574ms TTL=62
Reply from 10.144.242.1: bytes=32 time=584ms TTL=62
Reply from 10.144.242.1: bytes=32 time=605ms TTL=62
Reply from 10.144.242.1: bytes=32 time=616ms TTL=62
Reply from 10.144.242.1: bytes=32 time=540ms TTL=62

Ping statistics for 10.144.242.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 540ms, Maximum = 630ms, Average = 591ms