



TERMO DE ACEITE TÉCNICO

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

Data: 29/12/2011

NOC/Operadora: Renan Borges Sousa

Operadora/Cliente: Amintas da Costa

GRE/Prodemge: Carlos Alberto Silva

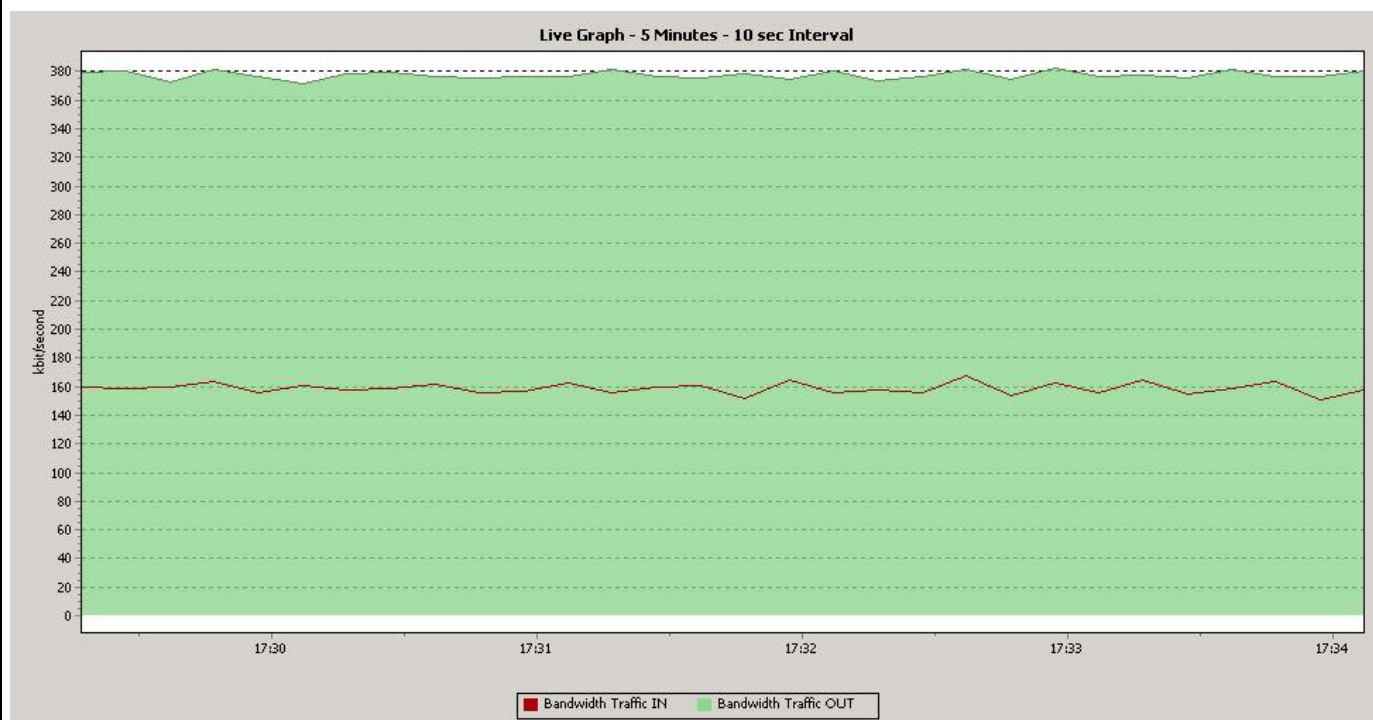
Responsável/cliente: Lucia Fernandes

Consórcio
STM/Vodanet

VSAT-ID
SES-LENA-0650

Porta kbps
384/153

Plataforma
VSAT



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[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 | 2 | Yes |

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.583821 GHz
Symbol Rate : 7.120060 Msp/s
S2 ModCod
- receiving : 13 8PSK-2/3
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 15.0 dB
Input Power : -35 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : max
EIRP : max
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 : 33.0 dBm
EIRP : 46.5 dBW
Es/No : 14.0 dB
Header Compression : DSM-CC
Timing correction : -424 us (271456 us)
Frequency correction: 90 Hz

IP DVB 10.148.0.51/32

Pinging 10.144.7.1 with 32 bytes of data:

Reply from 10.144.7.1: bytes=32 time=592ms TTL=62
Reply from 10.144.7.1: bytes=32 time=603ms TTL=62
Reply from 10.144.7.1: bytes=32 time=559ms TTL=62
Reply from 10.144.7.1: bytes=32 time=546ms TTL=62
Reply from 10.144.7.1: bytes=32 time=558ms TTL=62
Reply from 10.144.7.1: bytes=32 time=579ms TTL=62
Reply from 10.144.7.1: bytes=32 time=589ms TTL=62
Reply from 10.144.7.1: bytes=32 time=610ms TTL=62
Reply from 10.144.7.1: bytes=32 time=533ms TTL=62
Reply from 10.144.7.1: bytes=32 time=543ms TTL=62

Ping statistics for 10.144.7.1:

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

Approximate round trip times in milli-seconds:

Minimum = 533ms, Maximum = 610ms, Average = 571ms