



TERMO DE ACEITE TÉCNICO

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

Data: 16/04/2012

NOC/Operadora: Renan Borges Sousa

Operadora/Cliente: Fabrício Soares Campolina

GRE/Prodemge: Bruno de Líbero Hauck Ferreira

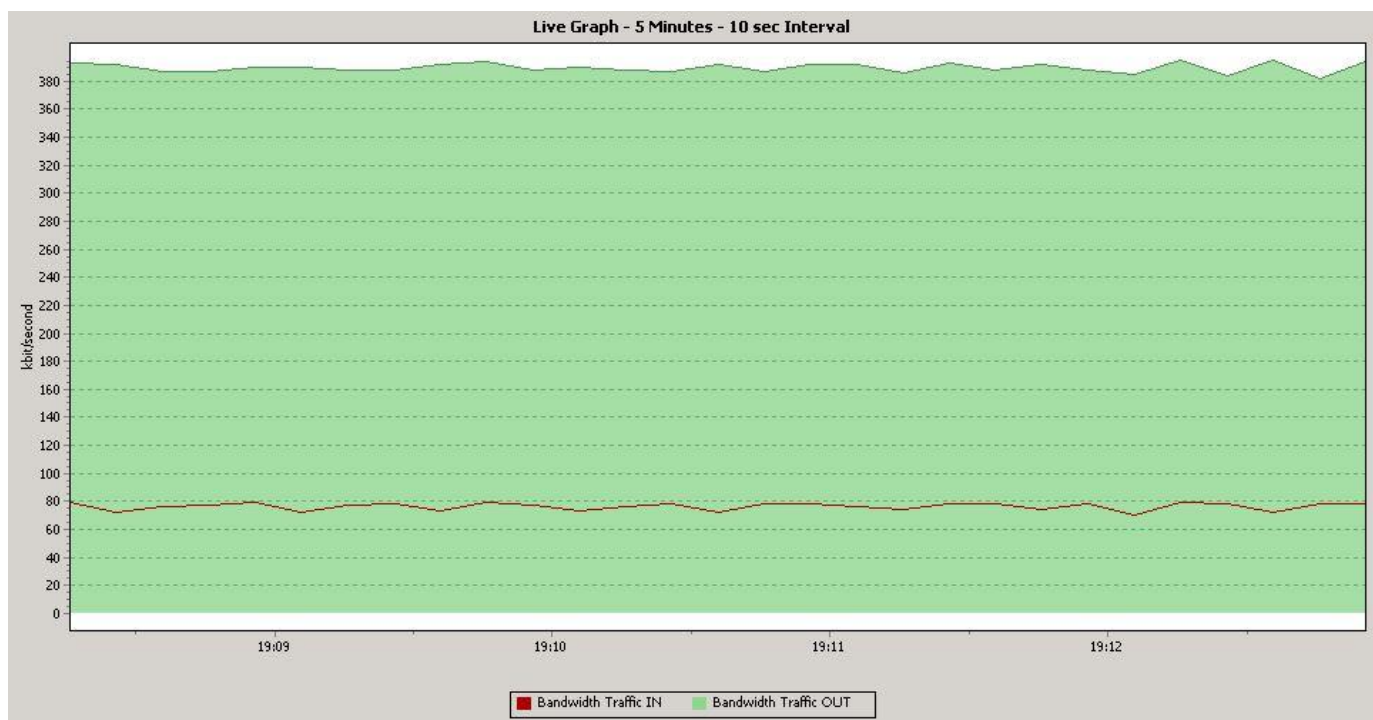
Responsável/cliente: Ana Paula de Cássia Bernabe

Consórcio
STM/Vodanet

VSAT-ID
SES-SAIA-3242

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

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.583804 GHz
Symbol Rate : 7.119994 Msp/s
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 : 14.8 dB
Input Power : -30 dBm
#

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU output power : -21 dBm
EIRP : 46.0 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 : -19.6 dBm
ODU Output Power : 32.6 dBm
EIRP : 45.9 dBW
Eb/No : 13.0 dB
Header Compression : DSM-CC
Timing correction : -373 us (271531 us)
Frequency correction: 80 Hz

IP DVB 10.148.0.169/32

Pinging 10.145.21.1 with 32 bytes of data:

Reply from 10.145.21.1: bytes=32 time=1764ms TTL=62
Reply from 10.145.21.1: bytes=32 time=554ms TTL=62
Reply from 10.145.21.1: bytes=32 time=551ms TTL=62
Reply from 10.145.21.1: bytes=32 time=587ms TTL=62
Reply from 10.145.21.1: bytes=32 time=584ms TTL=62
Reply from 10.145.21.1: bytes=32 time=600ms TTL=62
Reply from 10.145.21.1: bytes=32 time=570ms TTL=62
Reply from 10.145.21.1: bytes=32 time=632ms TTL=62
Reply from 10.145.21.1: bytes=32 time=551ms TTL=62
Reply from 10.145.21.1: bytes=32 time=563ms TTL=62

Ping statistics for 10.145.21.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 551ms, Maximum = 1764ms, Average = 695ms