



TERMO DE ACEITE TÉCNICO

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

Data: 07/02/2012

NOC/Operadora: Renan Borges Sousa

Operadora/Cliente: Carlos Santos de Almeida

GRE/Prodemge: Bruno Hauck

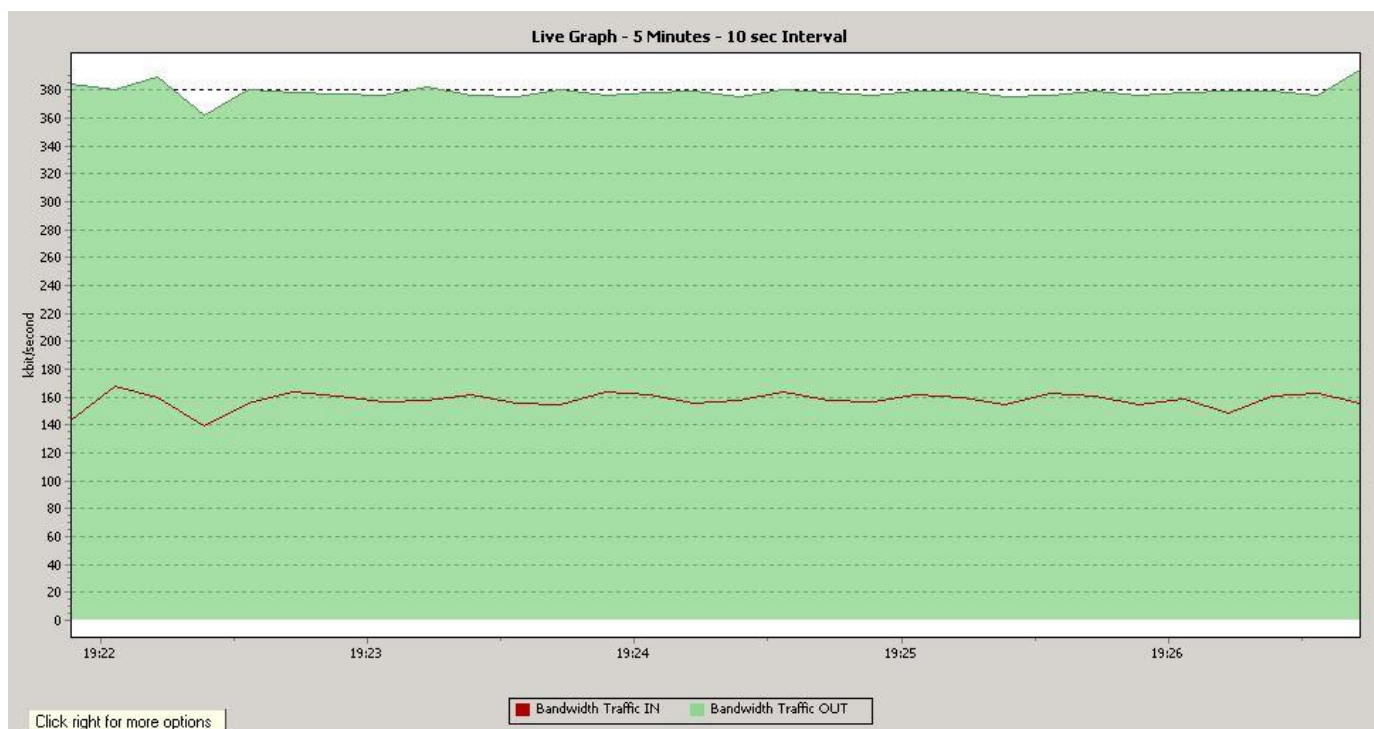
Responsável/cliente: Paula Priscila Mendes da Silva

Consórcio
STM/Vodanet

VSAT-ID
SES-PRNO-0776

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

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.583989 GHz
Symbol Rate : 7.120125 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 : 14.2 dB
Input Power : -36 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -11 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 : -14.9 dBm
ODU Output Power : 33.4 dBm
EIRP : 46.7 dBW
Es/No : 14.0 dB
Header Compression : DSM-CC
Timing correction : -241 us (271317 us)
Frequency correction: -20 Hz

IP DVB 10.148.0.82/32

Pinging 10.144.88.1 with 32 bytes of data:

Reply from 10.144.88.1: bytes=32 time=621ms TTL=62
Reply from 10.144.88.1: bytes=32 time=544ms TTL=62
Reply from 10.144.88.1: bytes=32 time=555ms TTL=62
Reply from 10.144.88.1: bytes=32 time=576ms TTL=62
Reply from 10.144.88.1: bytes=32 time=554ms TTL=62
Reply from 10.144.88.1: bytes=32 time=608ms TTL=62
Reply from 10.144.88.1: bytes=32 time=531ms TTL=62
Reply from 10.144.88.1: bytes=32 time=541ms TTL=62
Reply from 10.144.88.1: bytes=32 time=561ms TTL=62
Reply from 10.144.88.1: bytes=32 time=571ms TTL=62

Ping statistics for 10.144.88.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 531ms, Maximum = 621ms, Average = 566ms