



TERMO DE ACEITE TÉCNICO

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

Data: 11/05/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Marcos Paulo

GRE/Prodemge: Rafael Alves Ferreira

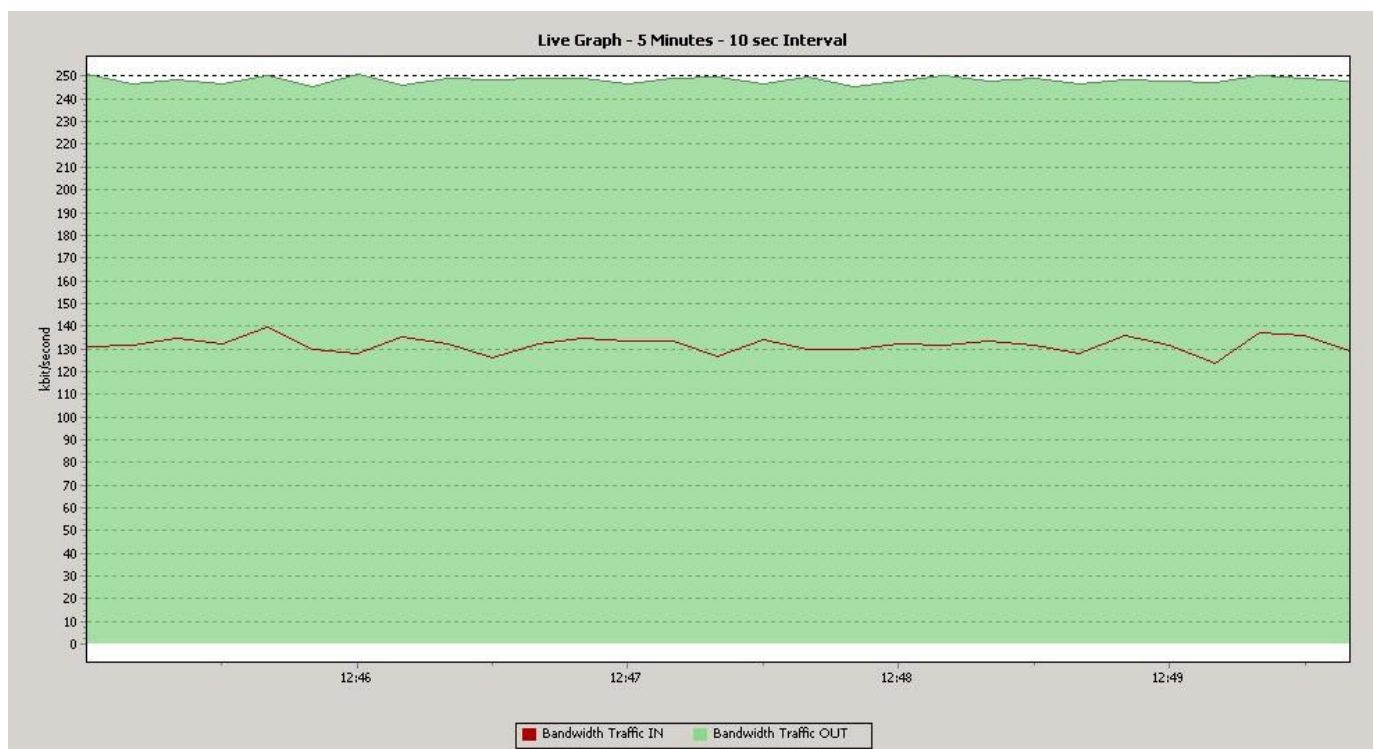
Responsável/cliente: Givanildo de Almeida Silva

Consórcio
STM/Vodanet

VSAT-ID
SES-ATIA-3353

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[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 : 11.583868 GHz
Symbol Rate : 7.119992 Msp/s
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 : -35 dBm

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#
Satellite (DVB) TX Configuration
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Auto start           : Enabled
IDU Output Power     : -16 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     : -14.6 dBm
ODU Output Power     : 34.1 dBm
EIRP                 : 47.4 dBW
Es/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : -475 us (269996 us)
Frequency correction : -240 Hz

IP DVB 10.148.0.198/32

Pinging 10.145.71.1 with 32 bytes of data:

Reply from 10.145.71.1: bytes=32 time=577ms TTL=62
Reply from 10.145.71.1: bytes=32 time=533ms TTL=62
Reply from 10.145.71.1: bytes=32 time=576ms TTL=62
Reply from 10.145.71.1: bytes=32 time=531ms TTL=62
Reply from 10.145.71.1: bytes=32 time=551ms TTL=62
Reply from 10.145.71.1: bytes=32 time=529ms TTL=62
Reply from 10.145.71.1: bytes=32 time=581ms TTL=62
Reply from 10.145.71.1: bytes=32 time=592ms TTL=62
Reply from 10.145.71.1: bytes=32 time=549ms TTL=62
Reply from 10.145.71.1: bytes=32 time=624ms TTL=62

Ping statistics for 10.145.71.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 529ms, Maximum = 624ms, Average = 564ms
```