



TERMO DE ACEITE TÉCNICO

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

Data: 27/02/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Antonio Gonçalves

GRE/Prodemge: Rafael Alves Ferreira

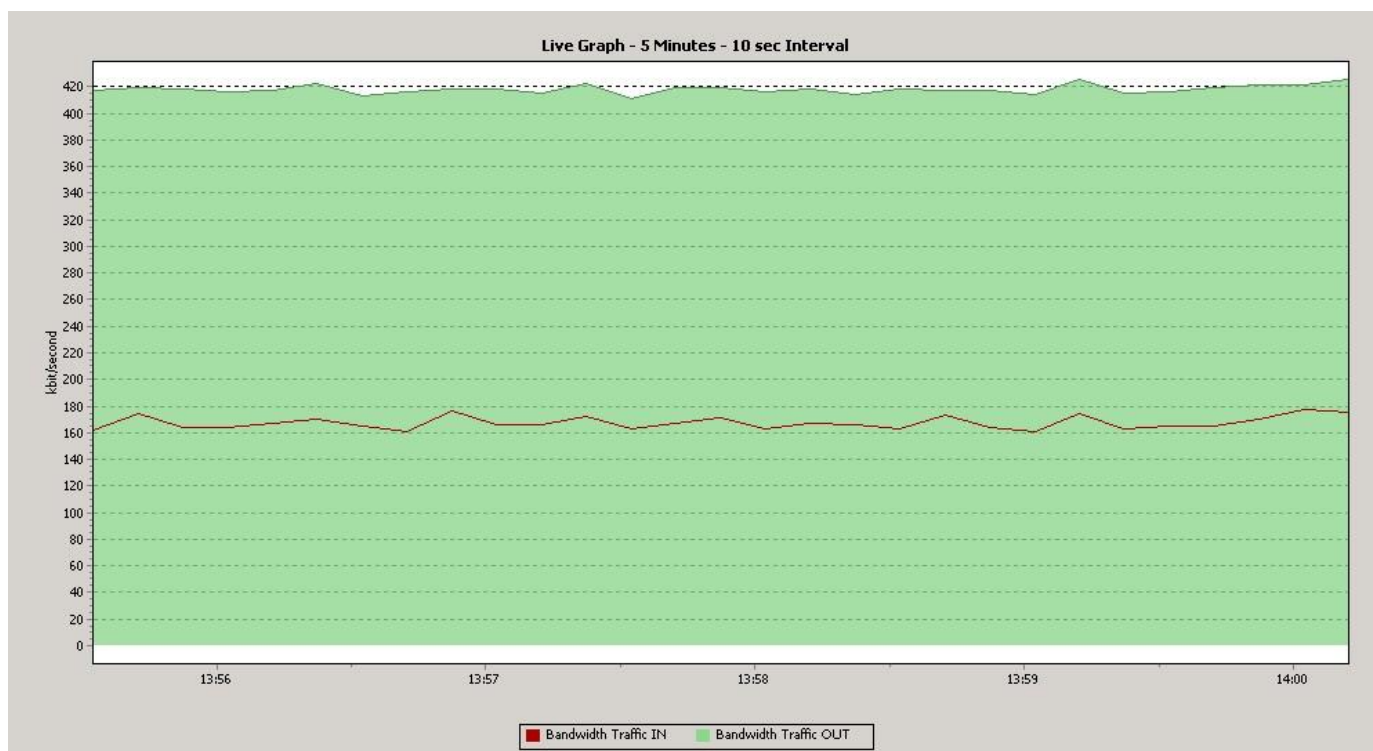
Responsável/cliente: Flávia Kelly

Consórcio
STM/Vodanet

VSAT-ID
SES-AROS-0831

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
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 : 11.583252 GHz
Symbol Rate : 7.120020 Mbps
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 : 14.9 dB
Input Power : -34 dBm

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#
Satellite (DVB) TX Configuration
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Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 32.7 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     : -19.7 dBm
ODU Output Power     : 32.5 dBm
EIRP                 : 45.8 dBW
Es/No                : 15.0 dB
Header Compression   : DSM-CC
Timing correction    : -376 us (272088 us)
Frequency correction : -120 Hz

IP DVB 10.148.0.107/32

Pinging 10.144.150.1 with 32 bytes of data:

Reply from 10.144.150.1: bytes=32 time=587ms TTL=62
Reply from 10.144.150.1: bytes=32 time=597ms TTL=62
Reply from 10.144.150.1: bytes=32 time=618ms TTL=62
Reply from 10.144.150.1: bytes=32 time=628ms TTL=62
Reply from 10.144.150.1: bytes=32 time=551ms TTL=62
Reply from 10.144.150.1: bytes=32 time=572ms TTL=62
Reply from 10.144.150.1: bytes=32 time=582ms TTL=62
Reply from 10.144.150.1: bytes=32 time=602ms TTL=62
Reply from 10.144.150.1: bytes=32 time=612ms TTL=62
Reply from 10.144.150.1: bytes=32 time=535ms TTL=62

Ping statistics for 10.144.150.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 535ms, Maximum = 628ms, Average = 588ms
```