



TERMO DE ACEITE TÉCNICO

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

Data: 07/05/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Leonardo Oliveira

GRE/Prodemge: Rafael Alves Ferreira

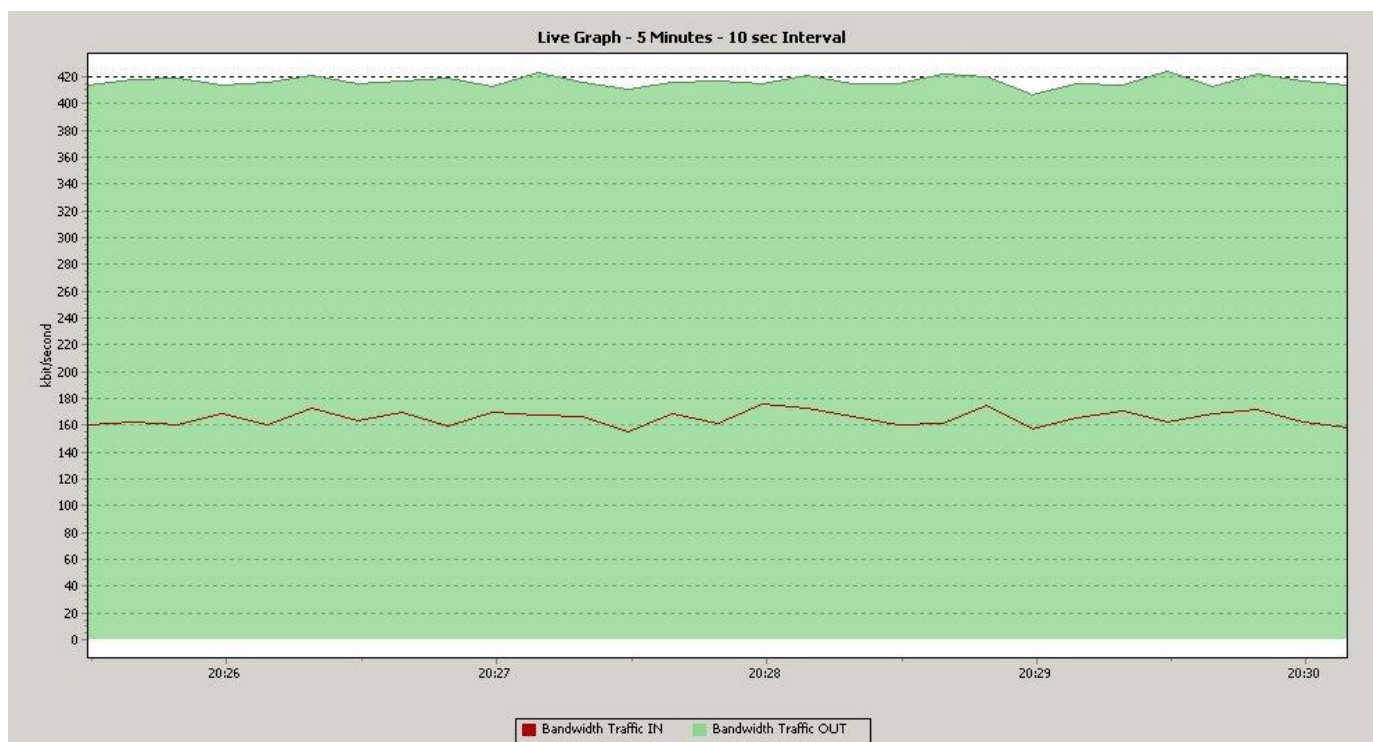
Responsável/cliente: Maria do Carmo

Consórcio
STM/Vodanet

VSAT-ID
SES-MAGA-3349

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            : 11.583796 GHz
Symbol Rate         : 7.119949 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                  : 15.2 dB
Input Power         : -34 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU Output Power     : -11 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 32.5 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      : -18.0 dBm
ODU Output Power      : 32.9 dBm
EIRP                  : 46.4 dBW
Es/No                 : 12.5 dB
Header Compression    : DSM-CC
Timing correction     : -506 us (270470 us)
Frequency correction  : -100 Hz
#

IP DVB 10.148.0.209/32

Pinging 10.145.69.1 with 32 bytes of data:

Reply from 10.145.69.1: bytes=32 time=564ms TTL=62
Reply from 10.145.69.1: bytes=32 time=570ms TTL=62
Reply from 10.145.69.1: bytes=32 time=595ms TTL=62
Reply from 10.145.69.1: bytes=32 time=569ms TTL=62
Reply from 10.145.69.1: bytes=32 time=626ms TTL=62
Reply from 10.145.69.1: bytes=32 time=549ms TTL=62
Reply from 10.145.69.1: bytes=32 time=589ms TTL=62
Reply from 10.145.69.1: bytes=32 time=577ms TTL=62
Reply from 10.145.69.1: bytes=32 time=587ms TTL=62
Reply from 10.145.69.1: bytes=32 time=608ms TTL=62

Ping statistics for 10.145.69.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 549ms, Maximum = 626ms, Average = 583ms
```