



TERMO DE ACEITE TÉCNICO

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

Data: 09/02/2012

NOC/Operadora: Renan Borges de Sousa

Operadora/Cliente: Edinei Gomes de Sousa

GRE/Prodemge: Márlu da Silva Santos

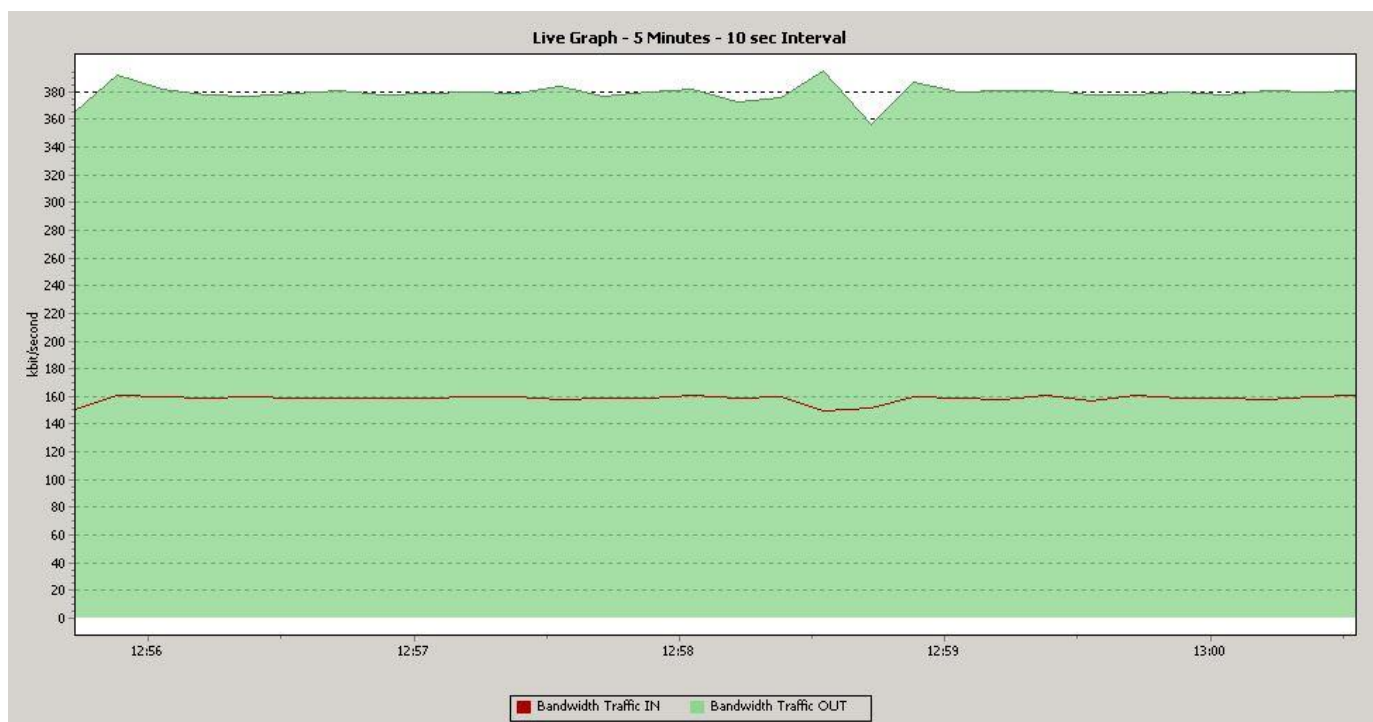
Responsável/cliente: Maurício Esteves Dias de Araújo

Consórcio
STM/Vodanet

VSAT-ID
SES-SAAS-0781

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           : 11.583858 GHz
Symbol Rate         : 7.120031 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                 : 13.4 dB
Input Power         : -35 dBm
```

#

Satellite (DVB) TX Configuration

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 : -17.9 dBm
ODU Output Power : 32.5 dBm
EIRP : 45.8 dBW
Es/No : 14.0 dB
Header Compression : DSM-CC
Timing correction : -335 us (269824 us)
Frequency correction: -90 Hz

IP DVB 10.148.0.84/32

Pinging 10.144.93.1 with 32 bytes of data:

Reply from 10.144.93.1: bytes=32 time=582ms TTL=62
Reply from 10.144.93.1: bytes=32 time=574ms TTL=62
Reply from 10.144.93.1: bytes=32 time=585ms TTL=62
Reply from 10.144.93.1: bytes=32 time=540ms TTL=62
Reply from 10.144.93.1: bytes=32 time=601ms TTL=62
Reply from 10.144.93.1: bytes=32 time=604ms TTL=62
Reply from 10.144.93.1: bytes=32 time=560ms TTL=62
Reply from 10.144.93.1: bytes=32 time=552ms TTL=62
Reply from 10.144.93.1: bytes=32 time=563ms TTL=62
Reply from 10.144.93.1: bytes=32 time=583ms TTL=62

Ping statistics for 10.144.93.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 540ms, Maximum = 604ms, Average = 574ms