



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

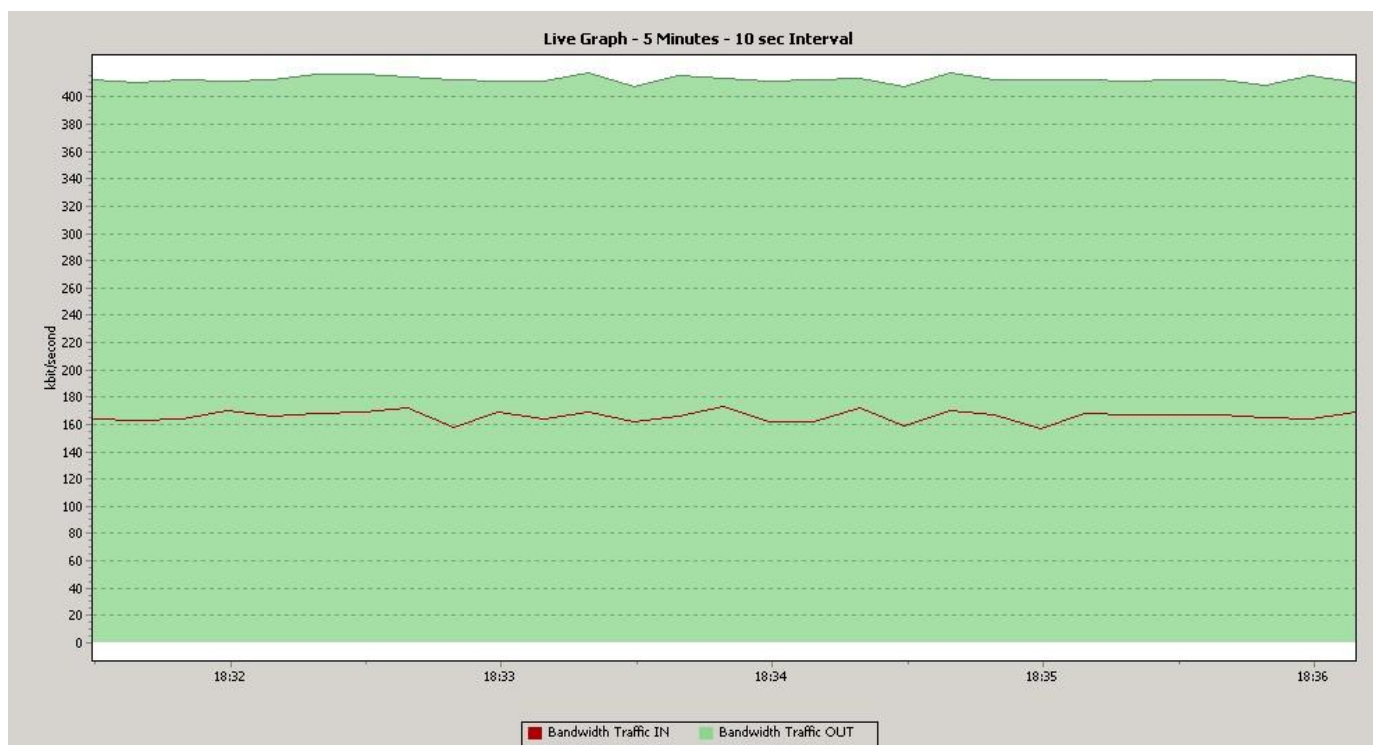
Responsável/cliente: Vani Pereira de Araújo

Consórcio
STM/Vodanet

VSAT-ID
SES-ATIA-3355

Porta kbps
384/153

Plataforma
VSAT



```
#
Satellite (DVB) RX Configuration
-----
Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
ACM Latency          : On
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          : 11.583911 GHz
Symbol Rate       : 7.119921 Mbps
S2 ModCod
- receiving        : 4   QPSK-1/2
- current max      : 15   8PSK-5/6
Pilot              : On
Frame length       : Short frame
DVB S2 Mode        : ACM
Roll off           : 0.25
SNR                : 14.4 dB
Input Power        : -36 dBm
```

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -23 dBm
IDU max output power : 0.0 dBm
EIRP                 : 48.0 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     : -20.1 dBm
ODU Output Power     : 33.9 dBm
EIRP                 : 47.2 dBW
Es/No                : 13.0 dB
Header Compression   : DSM-CC
Timing correction    : -389 us (270000 us)
Frequency correction : -10 Hz
#

IP DVB 10.148.0.205/32

Pinging 10.145.73.1 with 32 bytes of data:

Reply from 10.145.73.1: bytes=32 time=619ms TTL=62
Reply from 10.145.73.1: bytes=32 time=639ms TTL=62
Reply from 10.145.73.1: bytes=32 time=562ms TTL=62
Reply from 10.145.73.1: bytes=32 time=573ms TTL=62
Reply from 10.145.73.1: bytes=32 time=593ms TTL=62
Reply from 10.145.73.1: bytes=32 time=571ms TTL=62
Reply from 10.145.73.1: bytes=32 time=623ms TTL=62
Reply from 10.145.73.1: bytes=32 time=546ms TTL=62
Reply from 10.145.73.1: bytes=32 time=557ms TTL=62
Reply from 10.145.73.1: bytes=32 time=578ms TTL=62

Ping statistics for 10.145.73.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 546ms, Maximum = 639ms, Average = 586ms
```