prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Albo Borges Vieira	**Operadora/Cliente:** Gilvan Pereira Brito Junior
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Edimar Rocha

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-TAAS-5275	384/153	VSAT
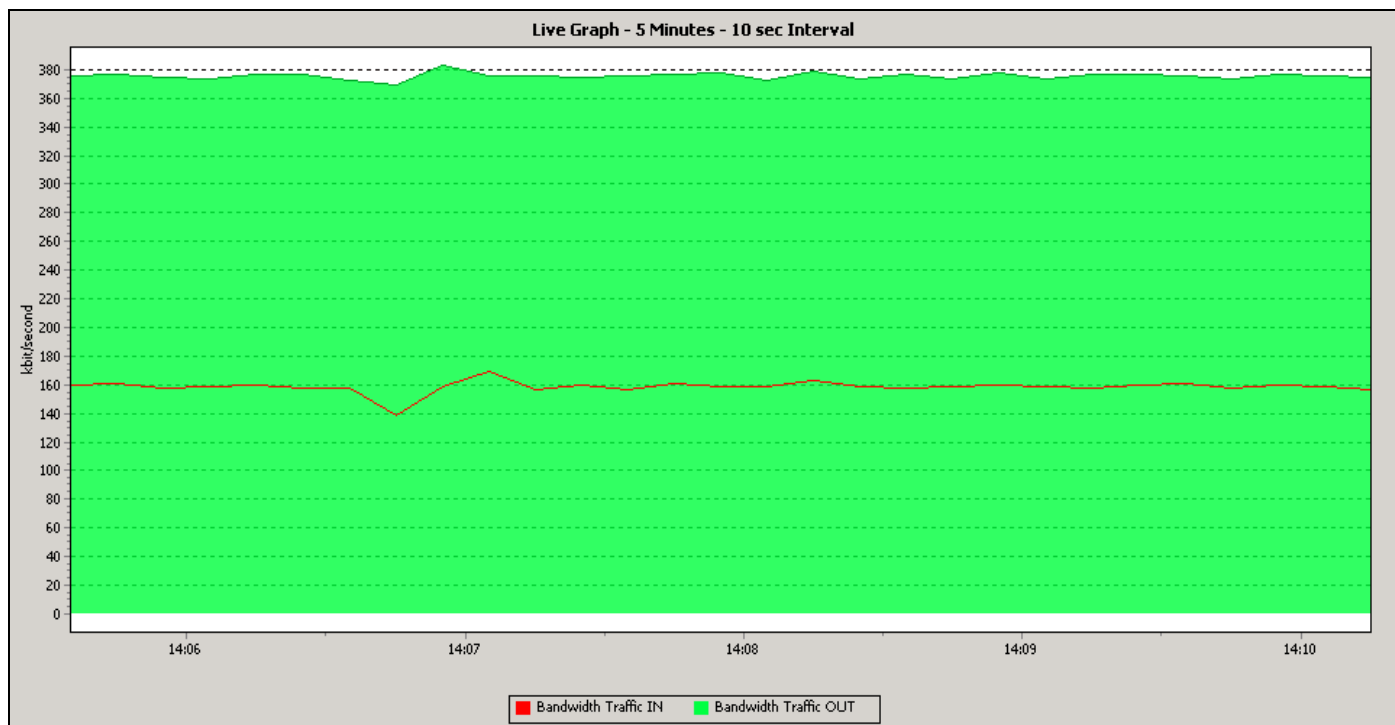

```
Satellite (DVB) RX Configuration
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Auto start           : Enabled
Max MODCOD           : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog          : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0  0    45.000000      11.606250  DVB-S2 3       Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 11.606776 GHz
Symbol Rate          : 45.000626 Msps
S2 ModCod
      - receiving    : 4   QPSK-1/2
      - current max  : 13  8PSK-2/3
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
Roll off             : 0.20
SNR                  : 10.0 dB
Input Power          : -27 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -18 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    : -15.4 dBm
ODU Output Power    : 34.9 dBm
EIRP                : 48.4 dBW
Es/No               : 11.0 dB
Header Compression  :  DSM-CC
Timing correction   : 133 us (250491 us)
Frequency correction: 10 Hz


IP DVB:10.148.5.104/32


Pinging 10.174.75.1 with 32 bytes of data:

Reply from 10.174.75.1: bytes=32 time=560ms TTL=62
Reply from 10.174.75.1: bytes=32 time=566ms TTL=62
Reply from 10.174.75.1: bytes=32 time=591ms TTL=62
Reply from 10.174.75.1: bytes=32 time=597ms TTL=62
Reply from 10.174.75.1: bytes=32 time=520ms TTL=62
Reply from 10.174.75.1: bytes=32 time=545ms TTL=62
Reply from 10.174.75.1: bytes=32 time=556ms TTL=62
Reply from 10.174.75.1: bytes=32 time=577ms TTL=62
Reply from 10.174.75.1: bytes=32 time=549ms TTL=62
Reply from 10.174.75.1: bytes=32 time=690ms TTL=62

Ping statistics for 10.174.75.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 520ms, Maximum = 690ms, Average = 575ms
```