prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Fabio Passoni
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Eder Carmo Vergueiro

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-GOGA-3323	384/153	VSAT
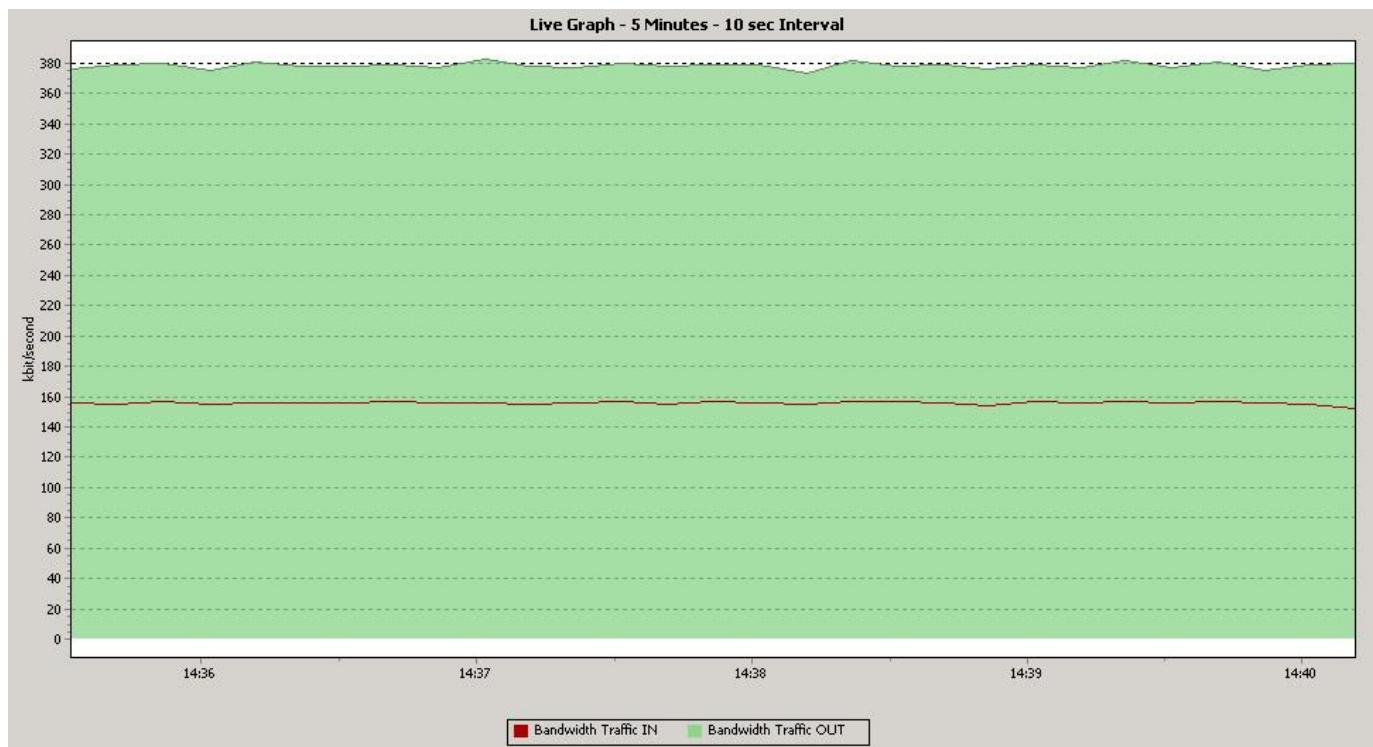

```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]  Mode    PopId    Enable
* 0   0    13.333000       11.588250  DVB-S2 2          Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588804 GHz
Symbol Rate         : 13.333198 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                 : 13.8 dB
Input Power         : -31 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 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    : -16.3 dBm
ODU Output Power    : 32.7 dBm
EIRP                : 46.0 dBW
Es/No               : 12.5 dB
Header Compression  :  DSM-CC
Timing correction   : -190 us (259937 us)
Frequency correction: -120 Hz
#

IP DVB 10.148.1.228/32


Pinging 10.145.47.1 with 32 bytes of data:

Reply from 10.145.47.1: bytes=32 time=538ms TTL=62
Reply from 10.145.47.1: bytes=32 time=548ms TTL=62
Reply from 10.145.47.1: bytes=32 time=569ms TTL=62
Reply from 10.145.47.1: bytes=32 time=547ms TTL=62
Reply from 10.145.47.1: bytes=32 time=600ms TTL=62
Reply from 10.145.47.1: bytes=32 time=524ms TTL=62
Reply from 10.145.47.1: bytes=32 time=568ms TTL=62
Reply from 10.145.47.1: bytes=32 time=555ms TTL=62
Reply from 10.145.47.1: bytes=32 time=566ms TTL=62
Reply from 10.145.47.1: bytes=32 time=586ms TTL=62

Ping statistics for 10.145.47.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 524ms, Maximum = 600ms, Average = 560ms
```