TERMO DE ACEITE TÉCNICO

prodemge

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

NOC/Operadora: Jefferson de Souza Marques	**Operadora/Cliente:** Walter Leandro Arcanjo
GRE/Prodemge: Rafael Alves Ferreira	**Responsável/cliente:** Kelly Aparecida

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-COES-3498	384/153	VSAT
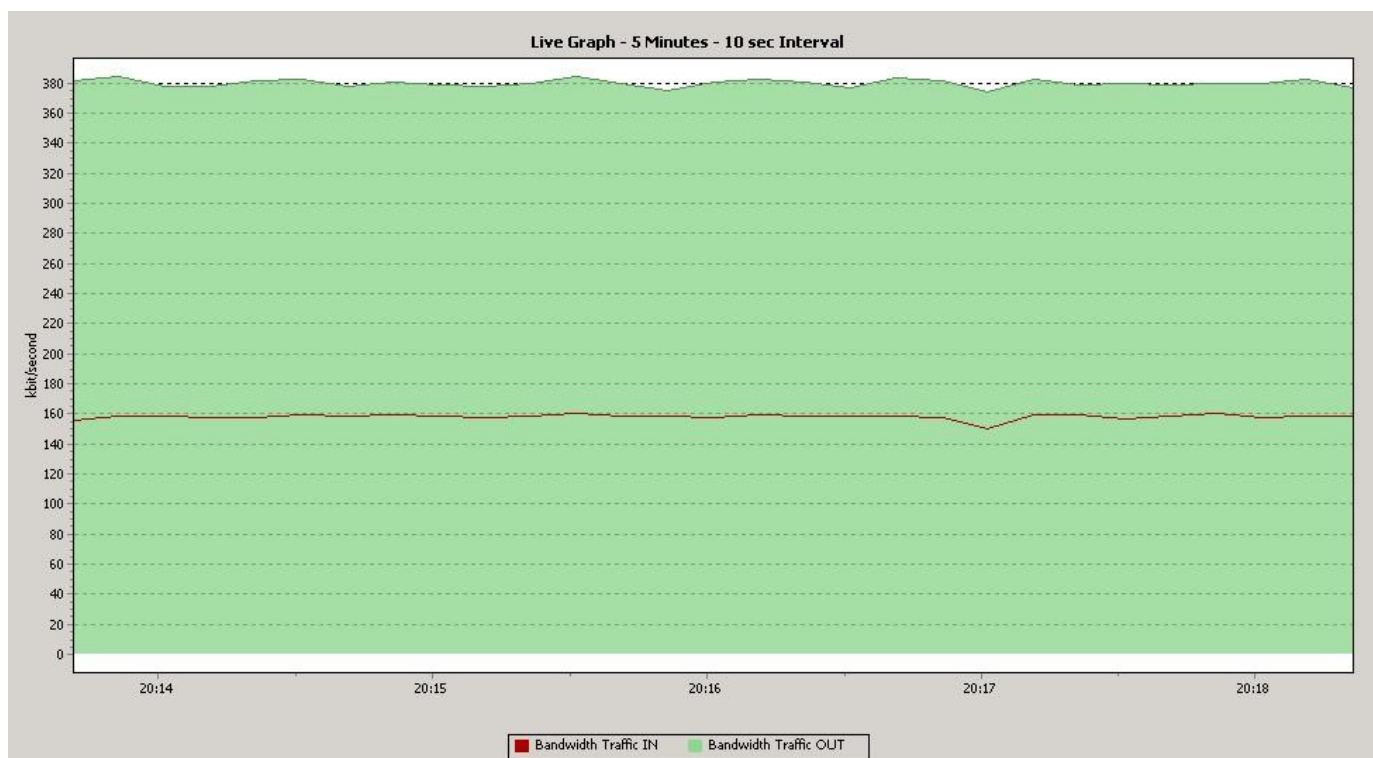

```
#
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

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           : 11.588380 GHz
Symbol Rate         : 13.332929 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                 : 13.4 dB
Input Power         : -29 dBm
```

```
#
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -23 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      : -21.9 dBm
ODU Output Power      : 33.2 dBm
EIRP                  : 46.5 dBW
Es/No                 : 11.0 dB
Header Compression    :  DSM-CC
Timing correction     : 146 us (261104 us)
Frequency correction: -110 Hz


IP DVB 10.148.1.33/32


Pinging 10.145.150.1 with 32 bytes of data:

Reply from 10.145.150.1: bytes=32 time=538ms TTL=62
Reply from 10.145.150.1: bytes=32 time=548ms TTL=62
Reply from 10.145.150.1: bytes=32 time=565ms TTL=62
Reply from 10.145.150.1: bytes=32 time=579ms TTL=62
Reply from 10.145.150.1: bytes=32 time=599ms TTL=62
Reply from 10.145.150.1: bytes=32 time=610ms TTL=62
Reply from 10.145.150.1: bytes=32 time=533ms TTL=62
Reply from 10.145.150.1: bytes=32 time=553ms TTL=62
Reply from 10.145.150.1: bytes=32 time=564ms TTL=62
Reply from 10.145.150.1: bytes=32 time=584ms TTL=62

Ping statistics for 10.145.150.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 533ms, Maximum = 610ms, Average = 567ms
```