TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Fábio Fernandes
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Nelson Marcos Lima

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CULO-6539	384/153	VSAT
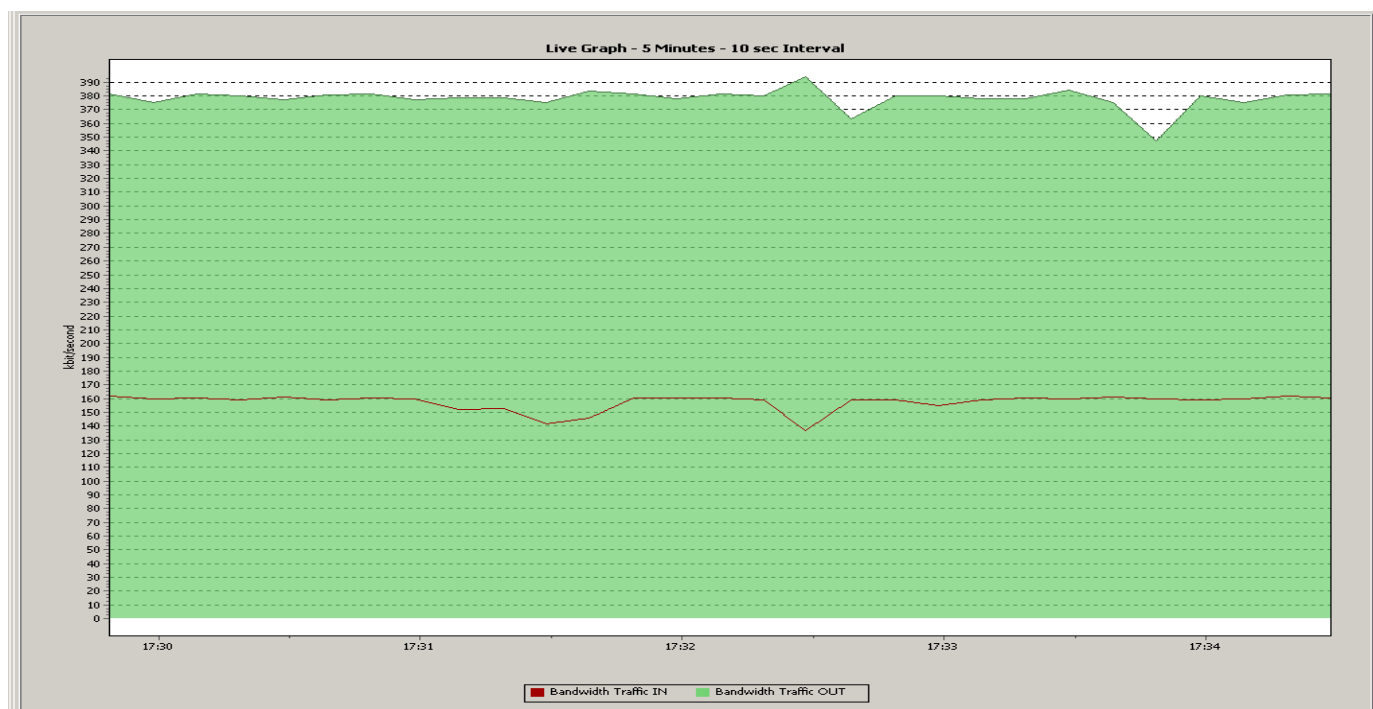

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri   SymbRate[Msps]  Freq[GHz]   Mode    PopId    Enable
* 0   0    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           : 11.606140 GHz
Symbol Rate         : 44.999458 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                 : 9.6 dB
Input Power         : -30 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -30 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      : -14.2 dBm
ODU Output Power      : 33.3 dBm
EIRP                  : 46.8 dBW
Es/No                 : 14.0 dB
Header Compression    :  DSM-CC
Timing correction     : 100 us (252023 us)
Frequency correction: -40 Hz



IP DVB: 10.148.5.254/32



Pinging 10.175.19.1 with 32 bytes of data:

Reply from 10.175.19.1: bytes=32 time=598ms TTL=62
Reply from 10.175.19.1: bytes=32 time=600ms TTL=62
Reply from 10.175.19.1: bytes=32 time=519ms TTL=62
Reply from 10.175.19.1: bytes=32 time=528ms TTL=62
Reply from 10.175.19.1: bytes=32 time=530ms TTL=62
Reply from 10.175.19.1: bytes=32 time=542ms TTL=62
Reply from 10.175.19.1: bytes=32 time=547ms TTL=62
Reply from 10.175.19.1: bytes=32 time=556ms TTL=62
Reply from 10.175.19.1: bytes=32 time=558ms TTL=62
Reply from 10.175.19.1: bytes=32 time=571ms TTL=62

Ping statistics for 10.175.19.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 519ms, Maximum = 600ms, Average = 554ms
```