	TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Diego Lemos
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Lilian Leticia

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BASO-3491	384/153	VSAT
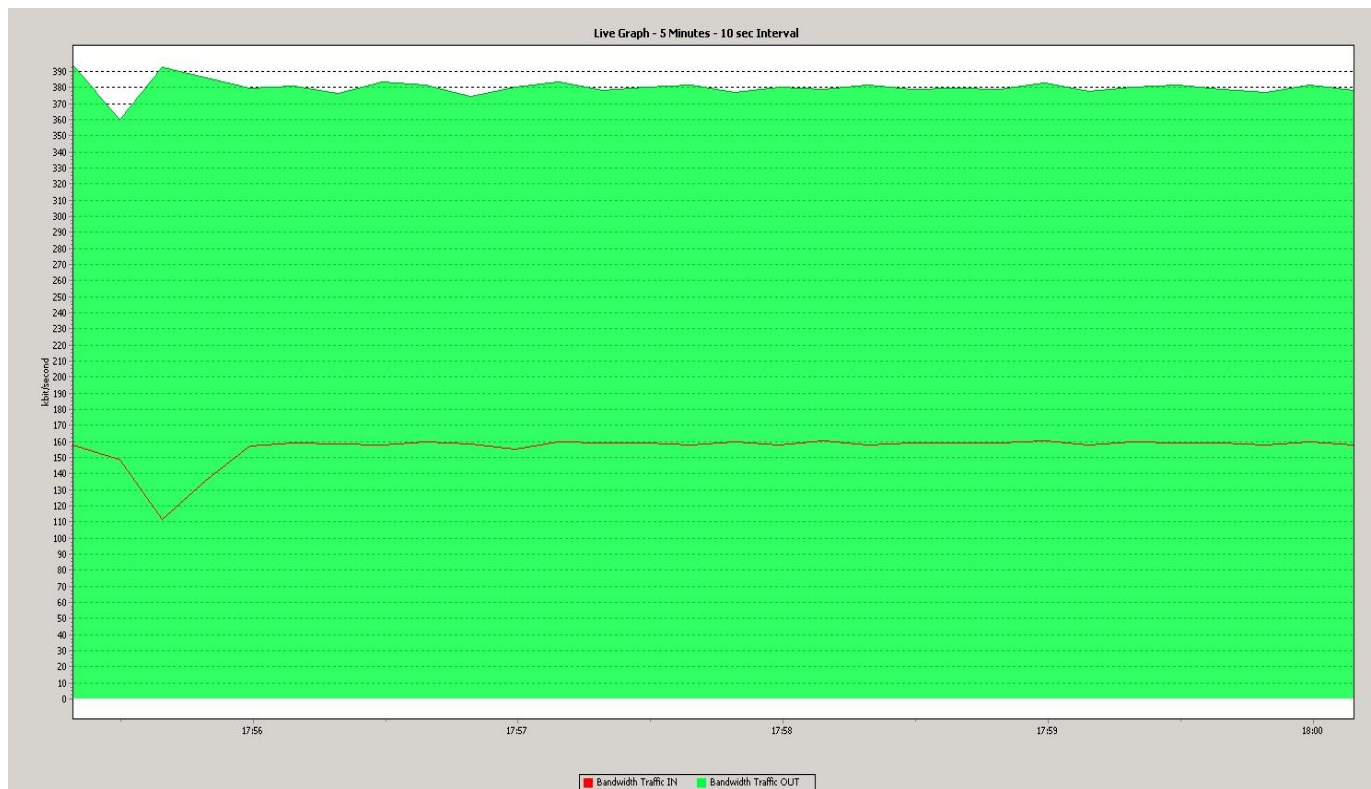

```
Satellite (DVB) RX Configuration
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Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri   SymbRate[Msps]  Freq[GHz]   Mode   PopId   Enable
*  0  0     45.000000       11.606250  DVB-S2 2          Yes
   1  1      0.000000        0.000000  DVB-S2 2          No

Satellite (DVB) Receiver Status
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Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606811 GHz
Symbol Rate         : 45.000136 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                 : 9.5 dB
Input Power         : -29 dBm
```

```
Satellite (DVB) TX Configuration
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Auto start           : Enabled
IDU Output Power     : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 28.7 dBm
EIRP                 : 42.0 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     : -21.2 dBm
ODU Output Power     : 28.6 dBm
EIRP                 : 41.9 dBW
Es/No                : 5.5 dB
Header Compression   :  DSM-CC
Timing correction    : 165 us (252263 us)
Frequency correction: 90 Hz


IP DVB: 10.148.4.109/32


 C:\>ping -n 10 10.145.143.1

 Pinging 10.145.143.1 with 32 bytes of data:

 Reply from 10.145.143.1: bytes=32 time=650ms TTL=62
 Reply from 10.145.143.1: bytes=32 time=582ms TTL=62
 Reply from 10.145.143.1: bytes=32 time=637ms TTL=62
 Reply from 10.145.143.1: bytes=32 time=588ms TTL=62
 Reply from 10.145.143.1: bytes=32 time=543ms TTL=62
 Reply from 10.145.143.1: bytes=32 time=599ms TTL=62
 Reply from 10.145.143.1: bytes=32 time=538ms TTL=62
 Reply from 10.145.143.1: bytes=32 time=667ms TTL=62
 Reply from 10.145.143.1: bytes=32 time=606ms TTL=62
 Reply from 10.145.143.1: bytes=32 time=635ms TTL=62

 Ping statistics for 10.145.143.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 538ms, Maximum = 667ms, Average = 604ms
```