prodemge	TERMO DE ACEITE TÉCNICO

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

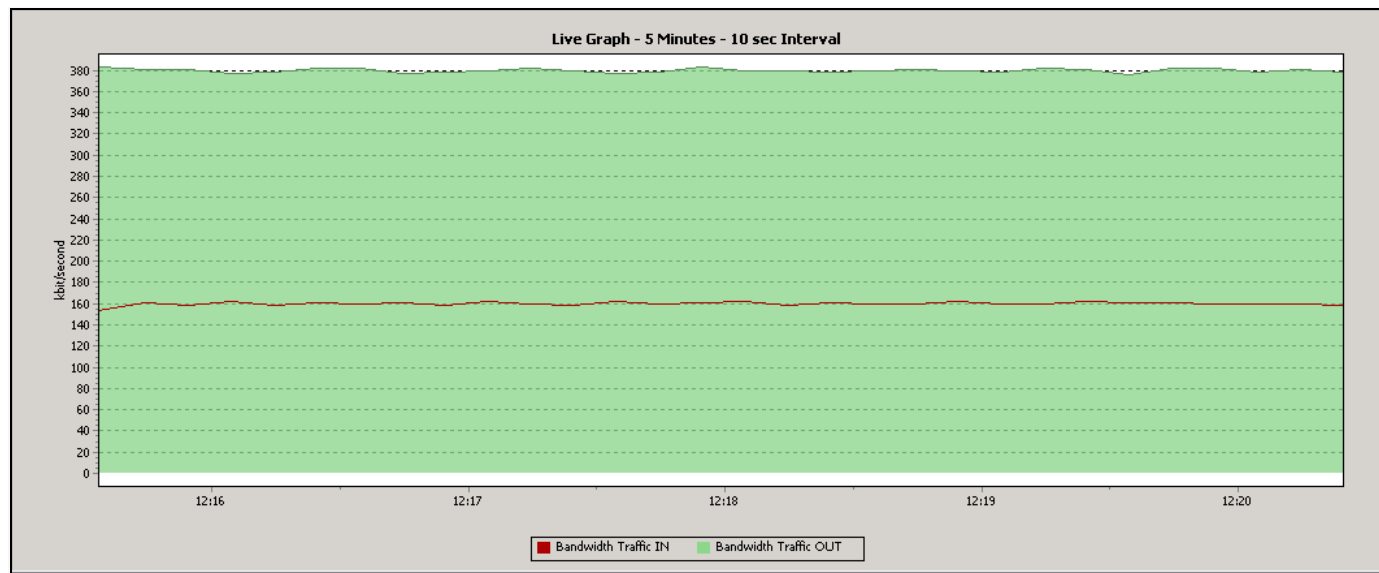| **NOC/Operadora:** Ermínio Alves Ribeiro Junior	**Operadora/Cliente: Ericson Aparecido Vincentin**
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Luiz Henrique Vieira

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CLIO-5450	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           : 11.606397 GHz
Symbol Rate         : 45.000255 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 14   8PSK-3/4
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 12.0 dB
Input Power         : -25 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 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     : -25.5 dBm
ODU Output Power     : 28.8 dBm
EIRP                 : 42.1 dBW
Es/No                : 9.0 dB
Header Compression   :  DSM-CC
Timing correction    : -14 us (254037 us)
Frequency correction: -60 Hz

 IP DVB 10.148.7.104

 Pinging 10.174.175.1 with 32 bytes of data:

 Reply from 10.174.175.1: bytes=32 time=553ms TTL=62
 Reply from 10.174.175.1: bytes=32 time=555ms TTL=62
 Reply from 10.174.175.1: bytes=32 time=568ms TTL=62
 Reply from 10.174.175.1: bytes=32 time=570ms TTL=62
 Reply from 10.174.175.1: bytes=32 time=582ms TTL=62
 Reply from 10.174.175.1: bytes=32 time=553ms TTL=62
 Reply from 10.174.175.1: bytes=32 time=596ms TTL=62
 Reply from 10.174.175.1: bytes=32 time=599ms TTL=62
 Reply from 10.174.175.1: bytes=32 time=612ms TTL=62
 Reply from 10.174.175.1: bytes=32 time=583ms TTL=62

 Ping statistics for 10.174.175.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 553ms, Maximum = 612ms, Average = 577ms
```