TERMO DE ACEITE TÉCNICO

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

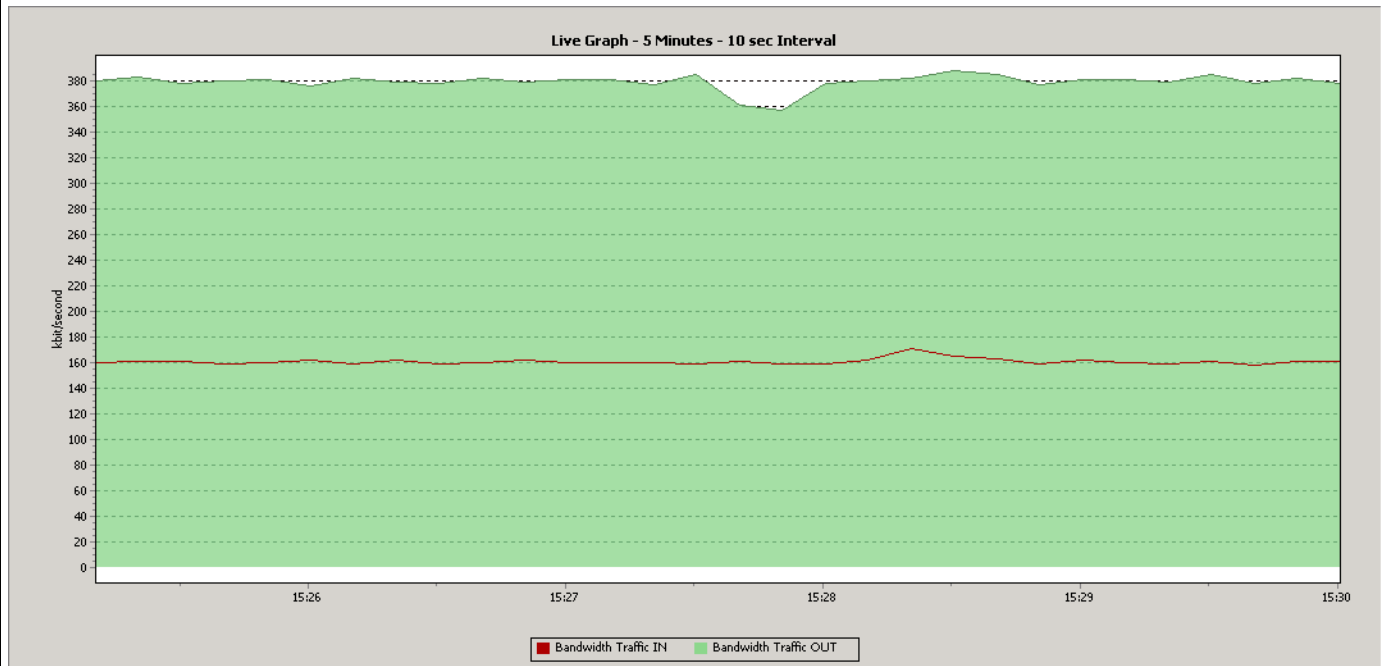|	
NOC/Operadora: Hugo Leonardo Oliveira Carvalho	**Operadora/Cliente:** Ericson Aparecido Valentim
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Maria Eduarda

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-ITPE-5737	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           : 11.605997 GHz
Symbol Rate         : 44.999670 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            : 0.20
SNR                 : 12.4 dB
Input Power         : -26 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -11 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     : -26.0 dBm
ODU Output Power     : 28.6 dBm
EIRP                 : 46.5 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : -61 us (254495 us)
Frequency correction: 190 Hz


IP DVB: 10.148.7.80/32


Pinging 10.175.72.1 with 32 bytes of data:

Reply from 10.175.72.1: bytes=32 time=561ms TTL=62
Reply from 10.175.72.1: bytes=32 time=566ms TTL=62
Reply from 10.175.72.1: bytes=32 time=574ms TTL=62
Reply from 10.175.72.1: bytes=32 time=575ms TTL=62
Reply from 10.175.72.1: bytes=32 time=587ms TTL=62
Reply from 10.175.72.1: bytes=32 time=593ms TTL=62
Reply from 10.175.72.1: bytes=32 time=602ms TTL=62
Reply from 10.175.72.1: bytes=32 time=573ms TTL=62
Reply from 10.175.72.1: bytes=32 time=523ms TTL=62
Reply from 10.175.72.1: bytes=32 time=532ms TTL=62

Ping statistics for 10.175.72.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 523ms, Maximum = 602ms, Average = 568ms
```