	TERMO DE ACEITE TÉCNICO

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

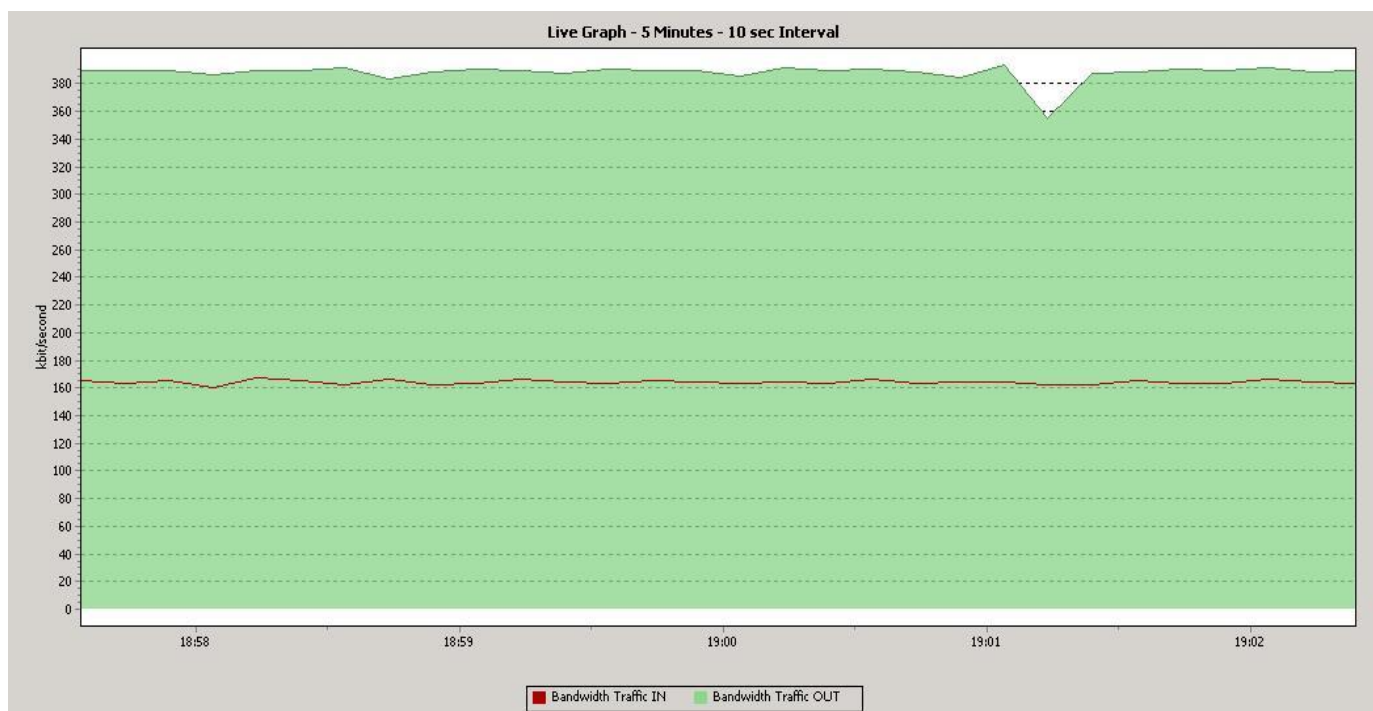| **NOC/Operadora:** Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Walter Leandro
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Cintia Caldas

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-SAOS-3597	384/153	VSAT


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

Idx Pri SymbRate[Msps] Freq[GHz] Mode PopId Enable
* 0 0 13.333000 11.588250 DVB-S2 2 Yes
1 1 0.000000 0.000000 DVB-S2 2 Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.588454 GHz
Symbol Rate : 13.332941 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short frame
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 12.1 dB
Input Power : -35 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start : Enabled
IDU output power : -22 dBm
IDU max output power: 0.0 dBm
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 : -18.7 dBm
ODU Output Power : 34.5 dBm
EIRP : 48.0 dBW
Es/No : 13.5 dB
Header Compression : DSM-CC
Timing correction : 25 us (260283 us)
Frequency correction: -90 Hz



IP DVB: 10.148.2.134/32


 C:\>ping -n 10 10.145.241.1

 Pinging 10.145.241.1 with 32 bytes of data:

 Reply from 10.145.241.1: bytes=32 time=572ms TTL=62
 Reply from 10.145.241.1: bytes=32 time=592ms TTL=62
 Reply from 10.145.241.1: bytes=32 time=607ms TTL=62
 Reply from 10.145.241.1: bytes=32 time=623ms TTL=62
 Reply from 10.145.241.1: bytes=32 time=546ms TTL=62
 Reply from 10.145.241.1: bytes=32 time=557ms TTL=62
 Reply from 10.145.241.1: bytes=32 time=578ms TTL=62
 Reply from 10.145.241.1: bytes=32 time=588ms TTL=62
 Reply from 10.145.241.1: bytes=32 time=609ms TTL=62
 Reply from 10.145.241.1: bytes=32 time=619ms TTL=62

 Ping statistics for 10.145.241.1:
 Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
 Minimum = 546ms, Maximum = 623ms, Average = 589ms
```