



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa

Operadora/Cliente: Jedson Alves Barroso

GRE/Prodemge: Márlu da Silva Santos

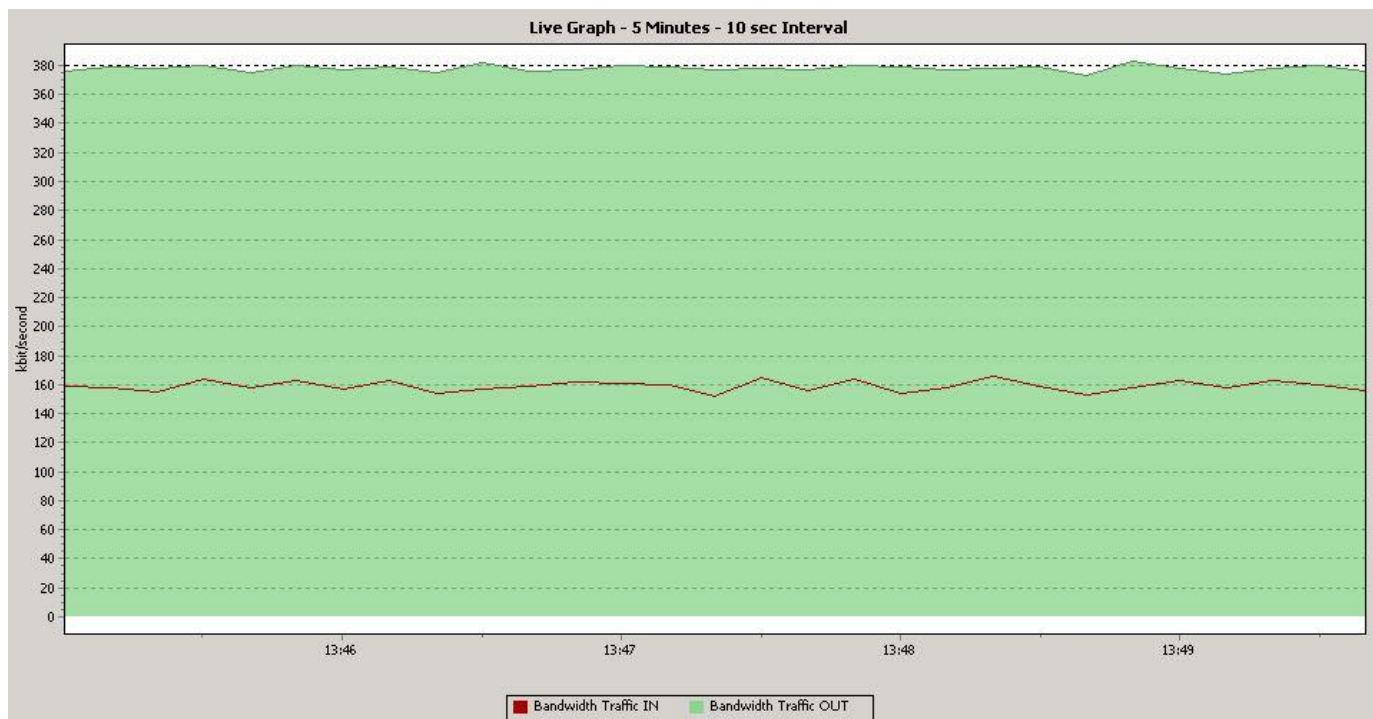
Responsável/cliente: Roberto Natalino

Consórcio
STM/Vodanet

VSAT-ID
SES-MACU-3928

Porta kbps
384/153

Plataforma
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[Msp/s] | Freq[GHz] | Mode | PopId | Enable |
|-----|-----|-----------------|-----------|--------|-------|--------|
| * 0 | 0 | 13.333000 | 11.588250 | DVB-S2 | 2 | Yes |
| 1 | 1 | 0.000000 | 0.000000 | DVB-S2 | 2 | No |

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.588437 GHz
Symbol Rate : 13.332961 Msp/s
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 : 13.4 dB
Input Power : -27 dBm

```
#
Satellite (DVB) TX Configuration
-----
Auto start           : Enabled
IDU output power     : -20 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     : -17.6 dBm
ODU Output Power     : 34.0 dBm
EIRP                 : 47.3 dBW
Es/No                : 12.0 dB
Header Compression   : DSM-CC
Timing correction    : -149 us (260130 us)
Frequency correction : -210 Hz

IP DVB 10.148.2.57/32

Pinging 10.146.197.1 with 32 bytes of data:

Reply from 10.146.197.1: bytes=32 time=573ms TTL=62
Reply from 10.146.197.1: bytes=32 time=583ms TTL=62
Reply from 10.146.197.1: bytes=32 time=535ms TTL=62
Reply from 10.146.197.1: bytes=32 time=614ms TTL=62
Reply from 10.146.197.1: bytes=32 time=537ms TTL=62
Reply from 10.146.197.1: bytes=32 time=557ms TTL=62
Reply from 10.146.197.1: bytes=32 time=536ms TTL=62
Reply from 10.146.197.1: bytes=32 time=588ms TTL=62
Reply from 10.146.197.1: bytes=32 time=599ms TTL=62
Reply from 10.146.197.1: bytes=32 time=551ms TTL=62

Ping statistics for 10.146.197.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 535ms, Maximum = 614ms, Average = 567ms
```