



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: João Marcelo

GRE/Prodemge: Douglas Alvares

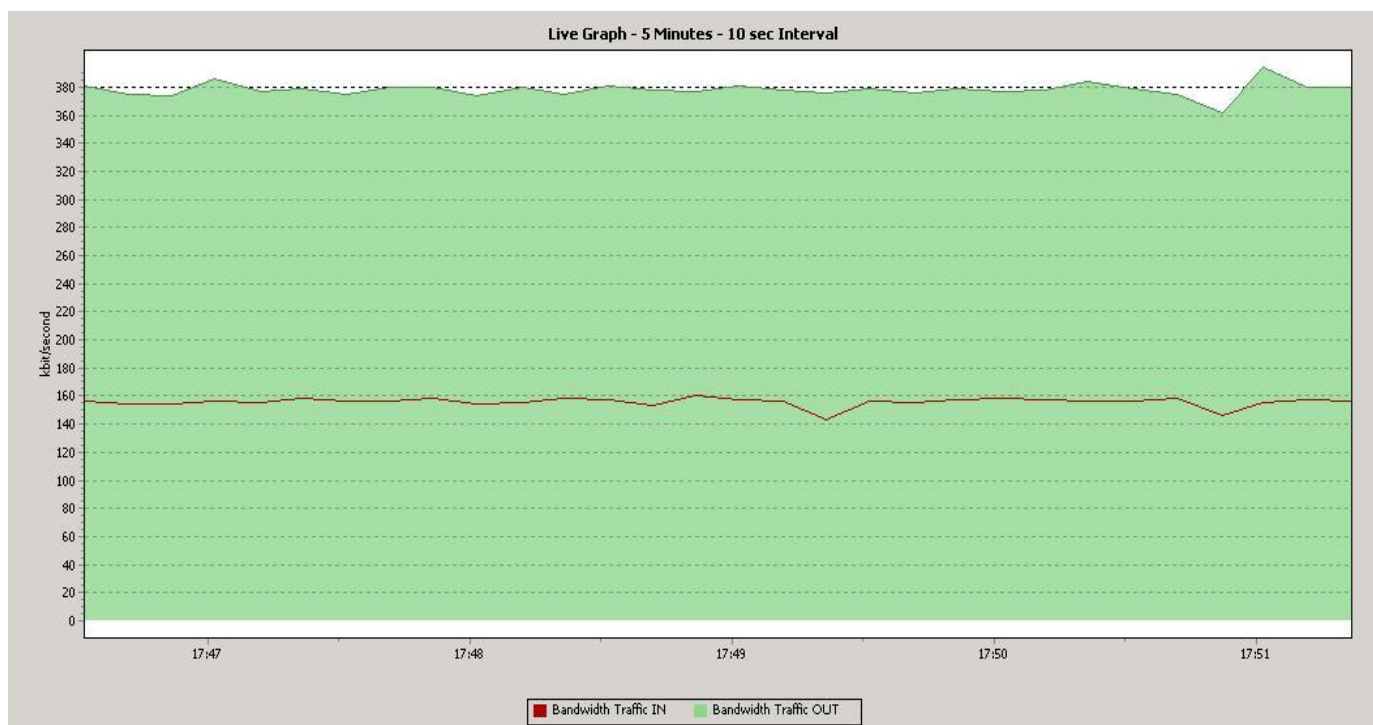
Responsável/cliente: Luciene Santos

Consórcio
STM/Vodanet

VSAT-ID
SES-OLRA-4220

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 : 11.588155 GHz
Symbol Rate : 13.332937 Msp/s
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 14 8PSK-3/4
Pilot : On
Frame length : Short frame
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 11.8 dB
Input Power : -31 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU output power : -11 dBm
IDU max output power: 0.0 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 : -25.5 dBm
ODU Output Power : 28.5 dBm
EIRP : 41.8 dBW
Es/No : 10.0 dB
Header Compression : DSM-CC
Timing correction : -46 us (261357 us)
Frequency correction: 0 Hz

IP DVB: 10.148.1.128/32

C:\>ping -n 10 10.147.203.1

Pinging 10.147.203.1 with 32 bytes of data:

Reply from 10.147.203.1: bytes=32 time=689ms TTL=62
Reply from 10.147.203.1: bytes=32 time=617ms TTL=62
Reply from 10.147.203.1: bytes=32 time=540ms TTL=62
Reply from 10.147.203.1: bytes=32 time=698ms TTL=62
Reply from 10.147.203.1: bytes=32 time=621ms TTL=62
Reply from 10.147.203.1: bytes=32 time=544ms TTL=62
Reply from 10.147.203.1: bytes=32 time=653ms TTL=62
Reply from 10.147.203.1: bytes=32 time=577ms TTL=62
Reply from 10.147.203.1: bytes=32 time=680ms TTL=62
Reply from 10.147.203.1: bytes=32 time=607ms TTL=62

Ping statistics for 10.147.203.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 540ms, Maximum = 698ms, Average = 622ms