



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho

Operadora/Cliente: Fabio Fernandes

GRE/Prodemge: Aguinaldo de Matos

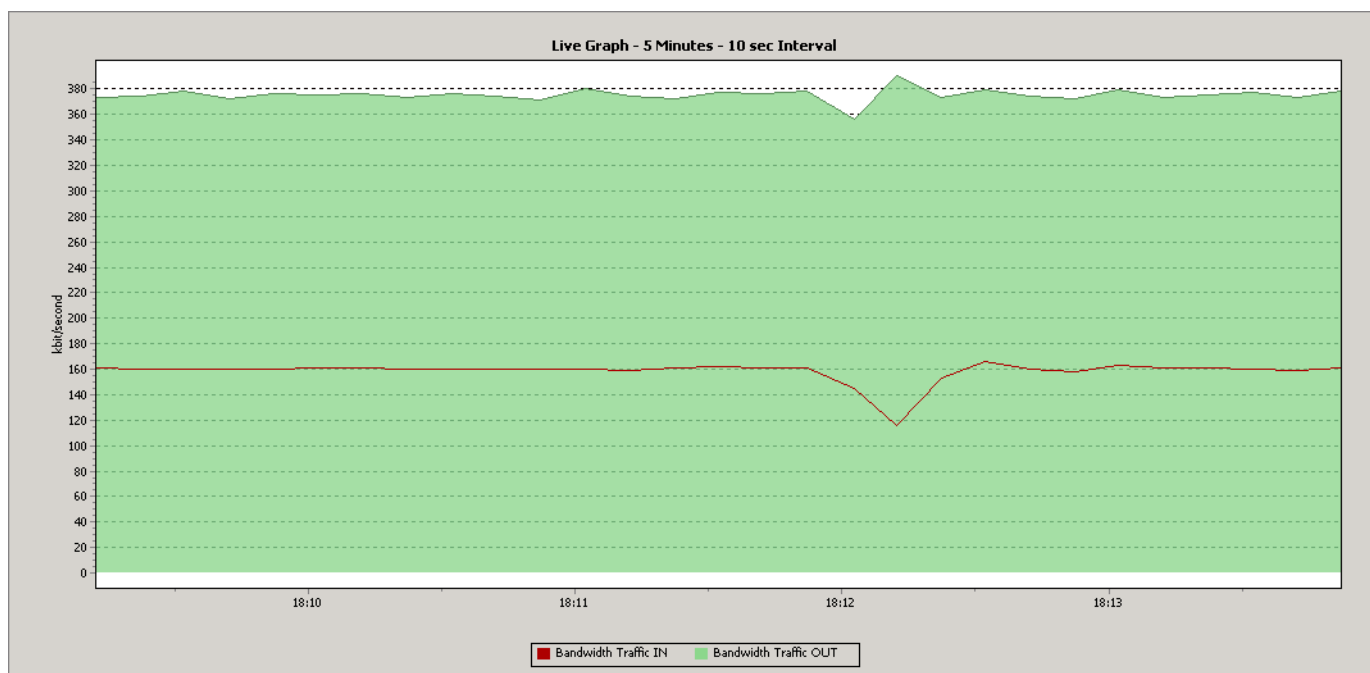
Responsável/cliente: Pedro Zanini

Consórcio
STM/Vodanet

VSAT-ID
SES-IBTE-5194

Porta kbps
384/153

Plataforma
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[Msp/s]	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 : 11.606426 GHz
Symbol Rate : 44.999917 Msp/s
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 10 QPSK-8/9
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 9.3 dB
Input Power : -29 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -30 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 : -18.8 dBm
ODU Output Power : 33.7 dBm
EIRP : 47.0 dBW
Es/No : 11.0 dB
Header Compression : DSM-CC
Timing correction : 202 us (252172 us)
Frequency correction: 40 Hz

IP DVB: 10.148.5.139/32

Pinging 10.174.4.1 with 32 bytes of data:

Reply from 10.174.4.1: bytes=32 time=546ms TTL=62
Reply from 10.174.4.1: bytes=32 time=558ms TTL=62
Reply from 10.174.4.1: bytes=32 time=560ms TTL=62
Reply from 10.174.4.1: bytes=32 time=572ms TTL=62
Reply from 10.174.4.1: bytes=32 time=543ms TTL=62
Reply from 10.174.4.1: bytes=32 time=587ms TTL=62
Reply from 10.174.4.1: bytes=32 time=590ms TTL=62
Reply from 10.174.4.1: bytes=32 time=536ms TTL=62
Reply from 10.174.4.1: bytes=32 time=605ms TTL=62
Reply from 10.174.4.1: bytes=32 time=520ms TTL=62

Ping statistics for 10.174.4.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 520ms, Maximum = 605ms, Average = 561ms