



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Jair de Oliveira

GRE/Prodemge: Douglas Alvares

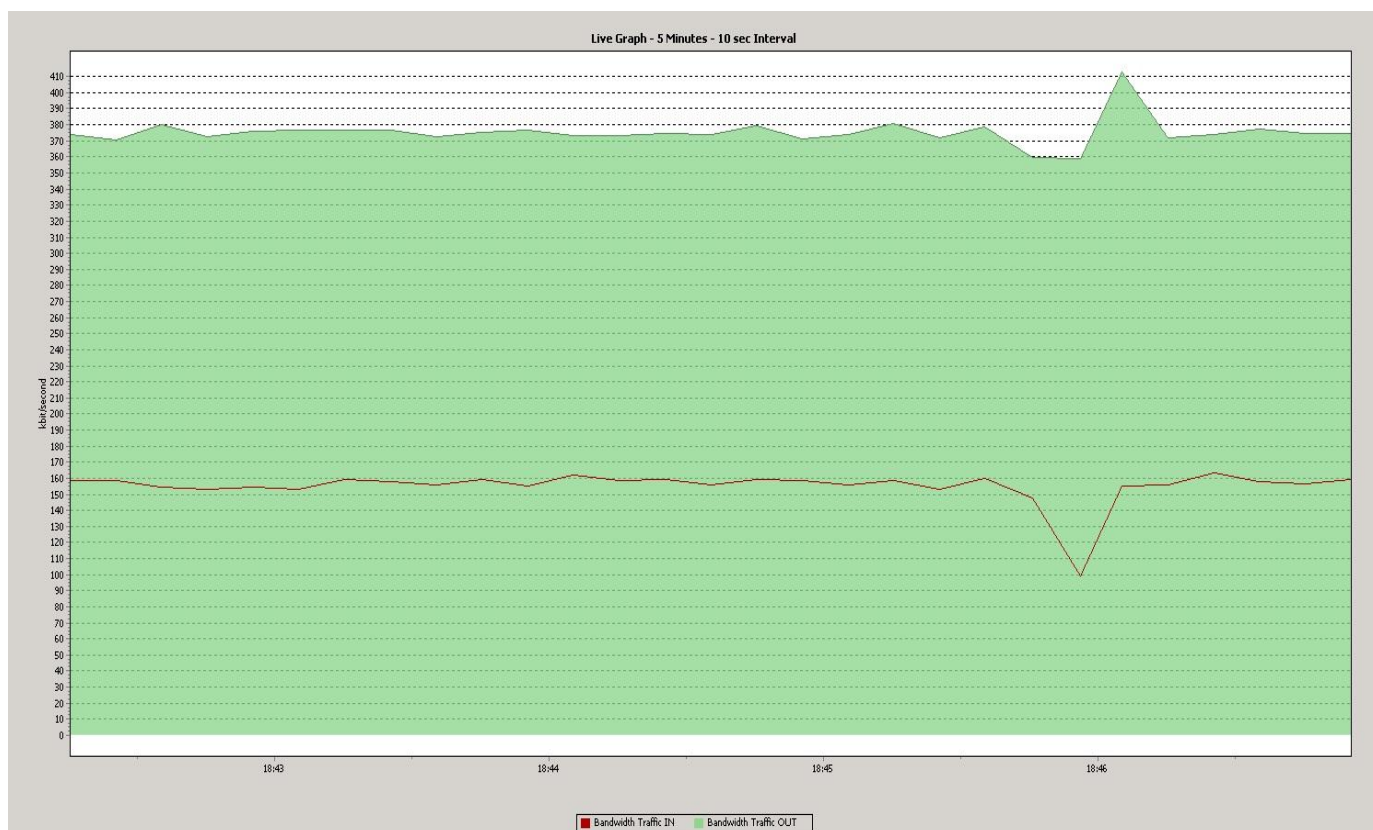
Responsável/cliente: Lucio Antonio

Consórcio
STM/Vodanet

VSAT-ID
SES-SOAS-4367

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 2		Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606881 GHz
Symbol Rate : 44.999768 Msp/s
S2 ModCod
 - receiving : 4 QPSK-1/2
 - current max : 13 8PSK-2/3
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 9.8 dB
Input Power : -24 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 : -16.7 dBm
ODU Output Power : 34.5 dBm
EIRP : 47.8 dBW
Es/No : 12.0 dB
Header Compression : DSM-CC
Timing correction : 16 us (253100 us)
Frequency correction: 130 Hz

IP DVB: 10.148.4.7 /32

C:\>ping -n 10 10.172.56.1

Pinging 10.172.56.1 with 32 bytes of data:

Reply from 10.172.56.1: bytes=32 time=601ms TTL=62
Reply from 10.172.56.1: bytes=32 time=622ms TTL=62
Reply from 10.172.56.1: bytes=32 time=540ms TTL=62
Reply from 10.172.56.1: bytes=32 time=551ms TTL=62
Reply from 10.172.56.1: bytes=32 time=572ms TTL=62
Reply from 10.172.56.1: bytes=32 time=554ms TTL=62
Reply from 10.172.56.1: bytes=32 time=604ms TTL=62
Reply from 10.172.56.1: bytes=32 time=527ms TTL=62
Reply from 10.172.56.1: bytes=32 time=570ms TTL=62
Reply from 10.172.56.1: bytes=32 time=558ms TTL=62

Ping statistics for 10.172.56.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 527ms, Maximum = 622ms, Average = 569ms