



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Diego Lemos

GRE/Prodemge: Douglas Alvares

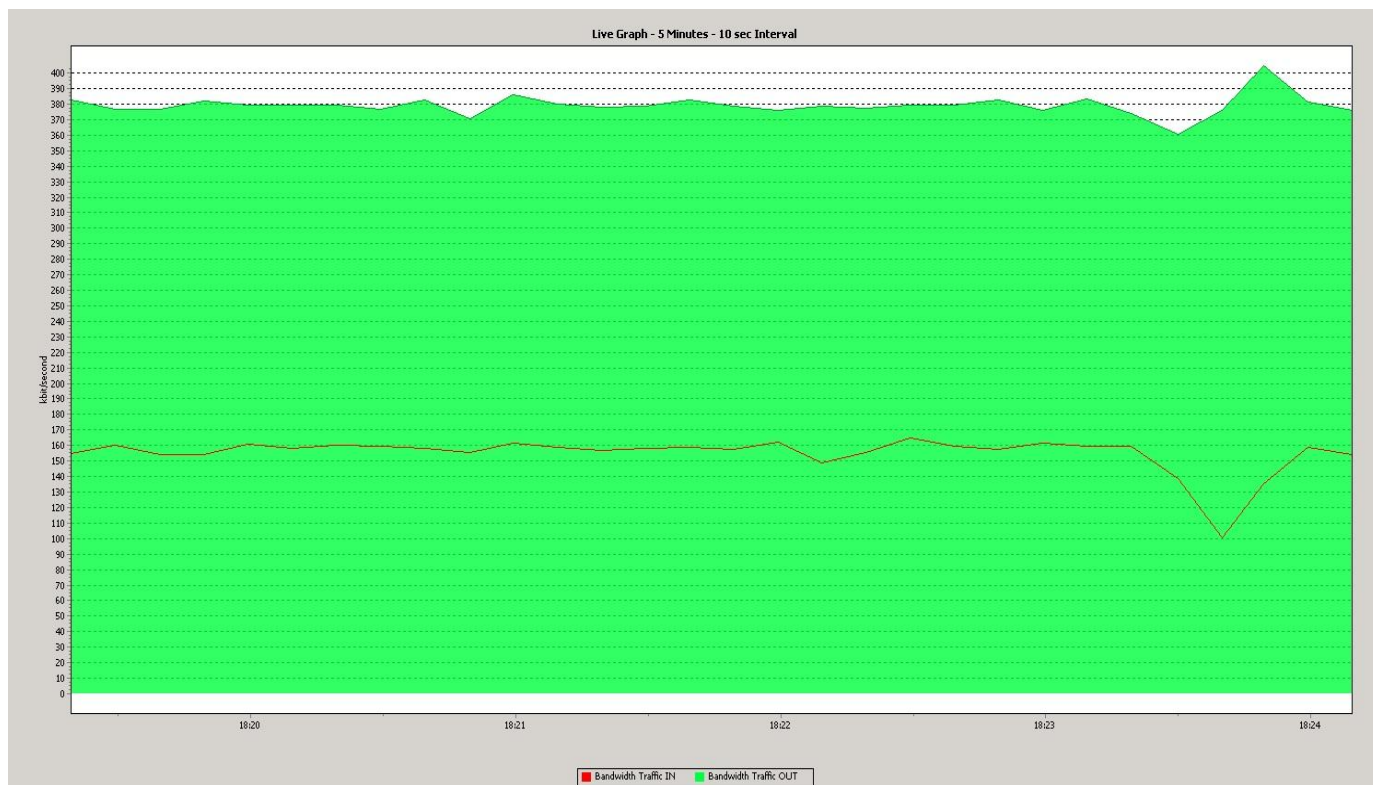
Responsável/cliente: Marcelo Alves

Consórcio
STM/Vodanet

VSAT-ID
SES-ITCA-4209

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
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 : 11.606287 GHz
Symbol Rate : 44.999644 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 : 9.9 dB
Input Power : -27 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -25 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 28.7 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 : -23.6 dBm
ODU Output Power : 28.7 dBm
EIRP : 42.0 dBW
Es/No : 10.5 dB
Header Compression : DSM-CC
Timing correction : -3 us (252857 us)
Frequency correction: 230 Hz

IP DVB: 10.148.2.214/32

C:\>ping -n 10 10.147.181.1

Pinging 10.147.181.1 with 32 bytes of data:

Reply from 10.147.181.1: bytes=32 time=566ms TTL=62
Reply from 10.147.181.1: bytes=32 time=577ms TTL=62
Reply from 10.147.181.1: bytes=32 time=597ms TTL=62
Reply from 10.147.181.1: bytes=32 time=521ms TTL=62
Reply from 10.147.181.1: bytes=32 time=532ms TTL=62
Reply from 10.147.181.1: bytes=32 time=553ms TTL=62
Reply from 10.147.181.1: bytes=32 time=537ms TTL=62
Reply from 10.147.181.1: bytes=32 time=587ms TTL=62
Reply from 10.147.181.1: bytes=32 time=597ms TTL=62
Reply from 10.147.181.1: bytes=32 time=616ms TTL=62

Ping statistics for 10.147.181.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 521ms, Maximum = 616ms, Average = 568ms