



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Jilvan Junior

GRE/Prodemge: Douglas Alvares

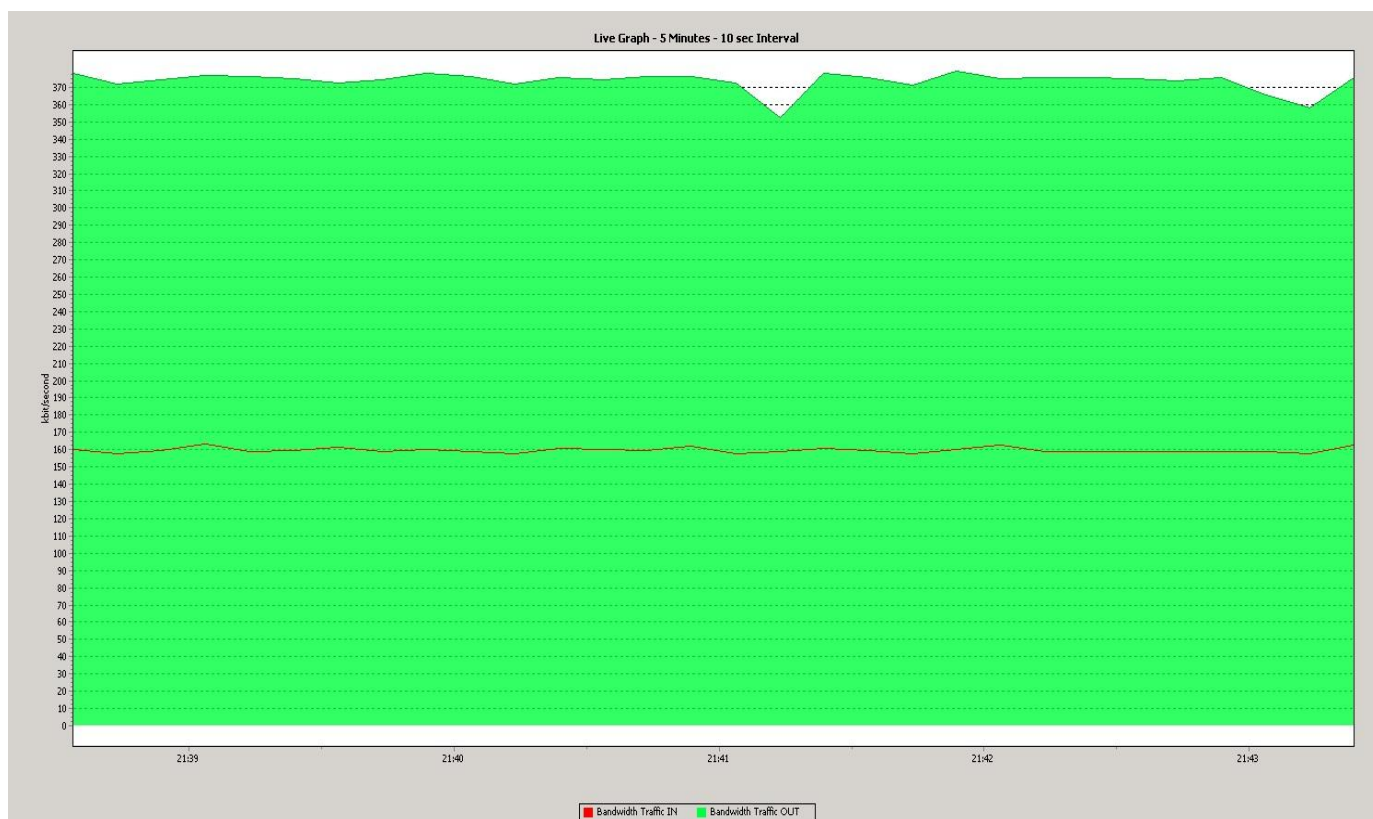
Responsável/cliente: Marina Lopes

Consórcio
STM/Vodanet

VSAT-ID
SES-ARRI-4429

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[Mbps]	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 : 11.605907 GHz
Symbol Rate : 45.000026 Msps
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 : -29 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -26 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 28.5 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 : -23.2 dBm
ODU Output Power : 28.4 dBm
EIRP : 41.9 dBW
Es/No : 10.0 dB
Header Compression : DSM-CC
Timing correction : 125 us (253668 us)
Frequency correction: 30 Hz

IP DVB: 10.148.5.236/32

Pinging 10.172.103.1 with 32 bytes of data:

Reply from 10.172.103.1: bytes=32 time=553ms TTL=62
Reply from 10.172.103.1: bytes=32 time=536ms TTL=62
Reply from 10.172.103.1: bytes=32 time=537ms TTL=62
Reply from 10.172.103.1: bytes=32 time=549ms TTL=62
Reply from 10.172.103.1: bytes=32 time=581ms TTL=62
Reply from 10.172.103.1: bytes=32 time=563ms TTL=62
Reply from 10.172.103.1: bytes=32 time=661ms TTL=62
Reply from 10.172.103.1: bytes=32 time=576ms TTL=62
Reply from 10.172.103.1: bytes=32 time=578ms TTL=62
Reply from 10.172.103.1: bytes=32 time=590ms TTL=62

Ping statistics for 10.172.103.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 536ms, Maximum = 661ms, Average = 572ms