



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Leonardo Batista

GRE/Prodemge: Douglas Alvares

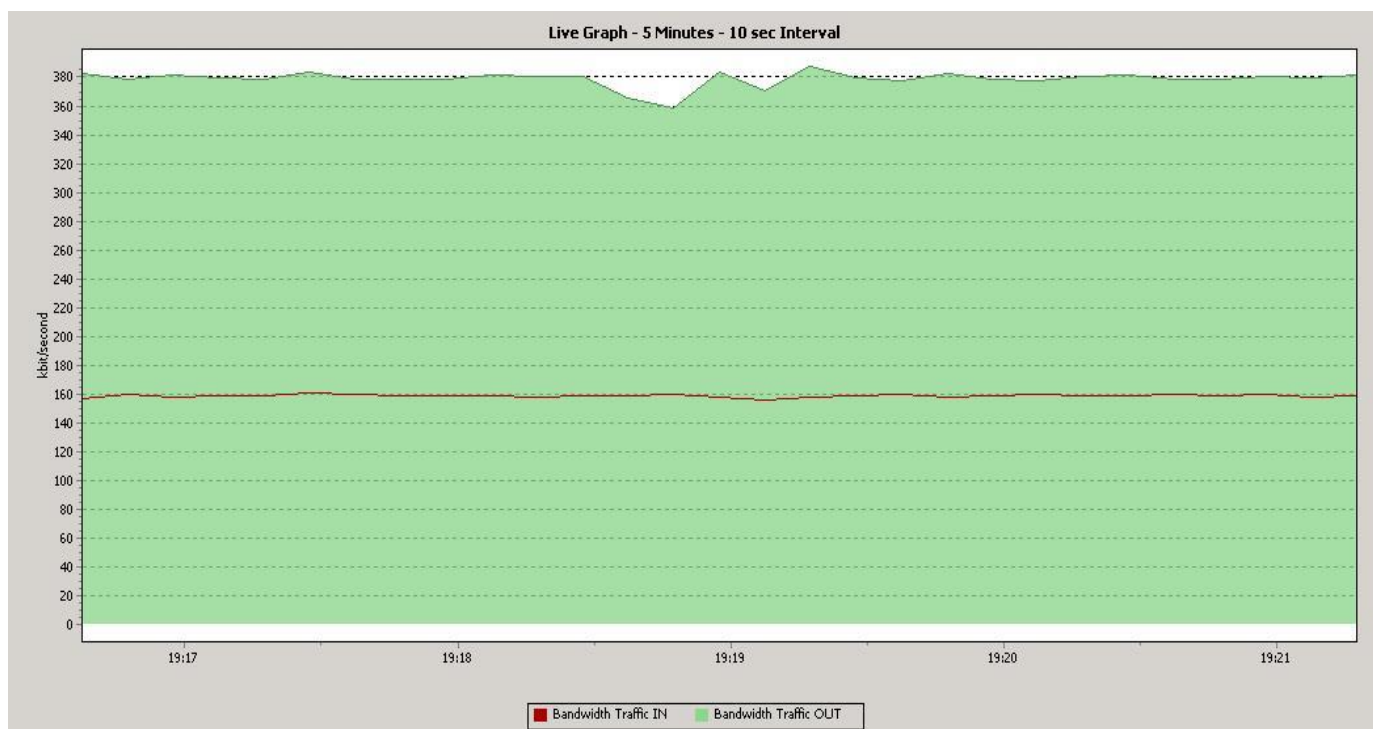
Responsável/cliente: Ketein Ster Ribeiro

Consórcio
STM/Vodanet

VSAT-ID
SES-SAAS-4362

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[Mbps]	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 : 11.588399 GHz
Symbol Rate : 13.332680 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short frame
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 13.0 dB
Input Power : -30 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU output power : -25 dBm
IDU max output power: 0.0 dBm
EIRP : 45.5 dBW
Default CW Frequency: 14.150500 GHz
ATM mode : VC-Mux
Header Compression : UDP/IP/DSM-CC

Satellite (DVB) Transmitter Status

State : On (TDMA)
IDU Output Power : -21.5 dBm
ODU Output Power : 31.9 dBm
EIRP : 45.2 dBW
Es/No : 12.0 dB
Header Compression : DSM-CC
Timing correction : 52 us (261446 us)
Frequency correction: -80 Hz

IP DVB: 10.148.2.136 /32

C:\>ping -n 10 10.172.55.1

Pinging 10.172.55.1 with 32 bytes of data:

Reply from 10.172.55.1: bytes=32 time=580ms TTL=62
Reply from 10.172.55.1: bytes=32 time=600ms TTL=62
Reply from 10.172.55.1: bytes=32 time=612ms TTL=62
Reply from 10.172.55.1: bytes=32 time=535ms TTL=62
Reply from 10.172.55.1: bytes=32 time=550ms TTL=62
Reply from 10.172.55.1: bytes=32 time=566ms TTL=62
Reply from 10.172.55.1: bytes=32 time=581ms TTL=62
Reply from 10.172.55.1: bytes=32 time=563ms TTL=62
Reply from 10.172.55.1: bytes=32 time=520ms TTL=62
Reply from 10.172.55.1: bytes=32 time=535ms TTL=62

Ping statistics for 10.172.55.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 520ms, Maximum = 612ms, Average = 564ms