



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Renan Borges Sousa

Operadora/Cliente: Ed Carlos dos Santos Carvalho

GRE/Prodemge: Márlu da Silva Santos

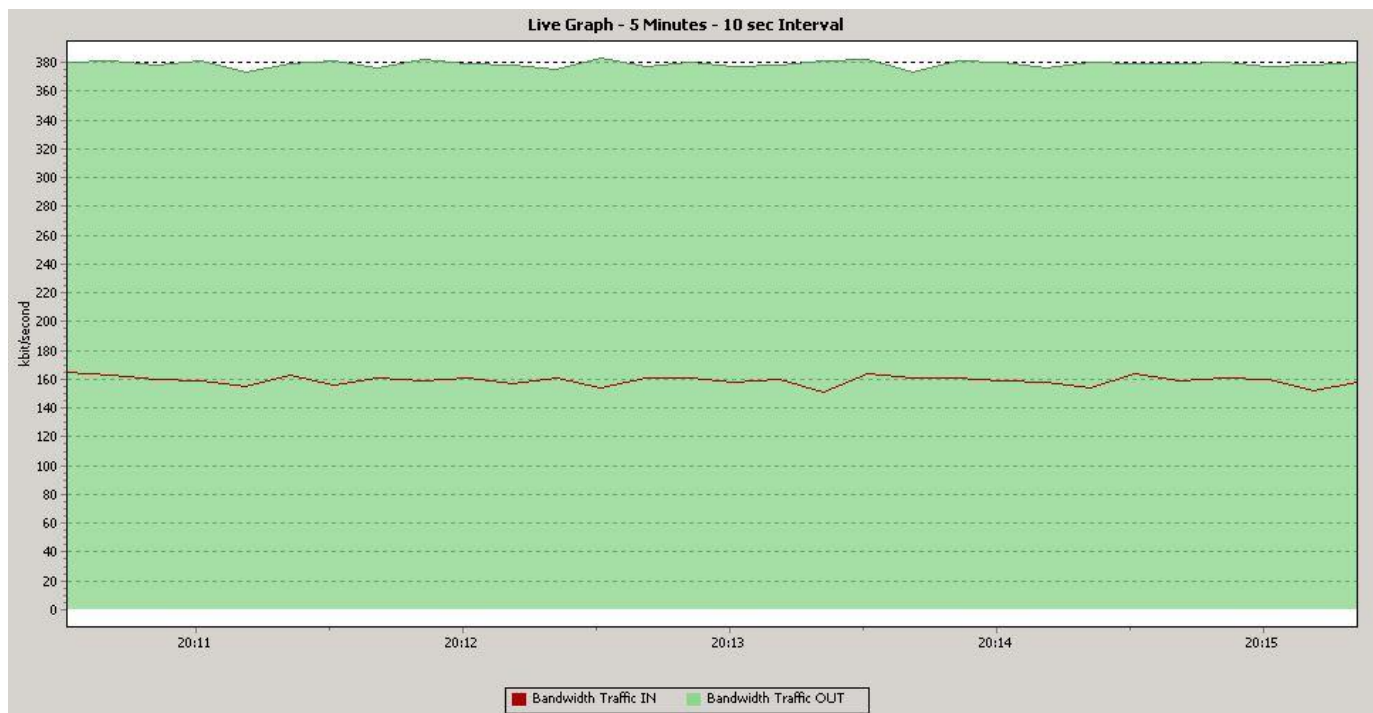
Responsável/cliente: Serma de Souza Fortes

Consórcio
STM/Vodanet

VSAT-ID
SES-OUTO-4041

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[Msp/s]	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 : 11.587879 GHz
Symbol Rate : 13.332980 Msp/s
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 : 12.5 dB
Input Power : -33 dBm

#

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU output power : -18 dBm
IDU max output power: 0.0 dBm
EIRP : 46.5 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 : -15.1 dBm
ODU Output Power : 32.8 dBm
EIRP : 46.1 dBW
Es/No : 13.5 dB
Header Compression : DSM-CC
Timing correction : 97 us (260739 us)
Frequency correction: -80 Hz

IP DVB 10.148.2.70/32

Pinging 10.147.38.1 with 32 bytes of data:

Reply from 10.147.38.1: bytes=32 time=604ms TTL=62
Reply from 10.147.38.1: bytes=32 time=624ms TTL=62
Reply from 10.147.38.1: bytes=32 time=634ms TTL=62
Reply from 10.147.38.1: bytes=32 time=557ms TTL=62
Reply from 10.147.38.1: bytes=32 time=577ms TTL=62
Reply from 10.147.38.1: bytes=32 time=588ms TTL=62
Reply from 10.147.38.1: bytes=32 time=609ms TTL=62
Reply from 10.147.38.1: bytes=32 time=588ms TTL=62
Reply from 10.147.38.1: bytes=32 time=641ms TTL=62
Reply from 10.147.38.1: bytes=32 time=564ms TTL=62

Ping statistics for 10.147.38.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 557ms, Maximum = 641ms, Average = 598ms