



TERMO DE ACEITE TÉCNICO

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

Data: 03/05/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Welligton Ferreira de Souza

GRE/Prodemge: Bruno Hauck

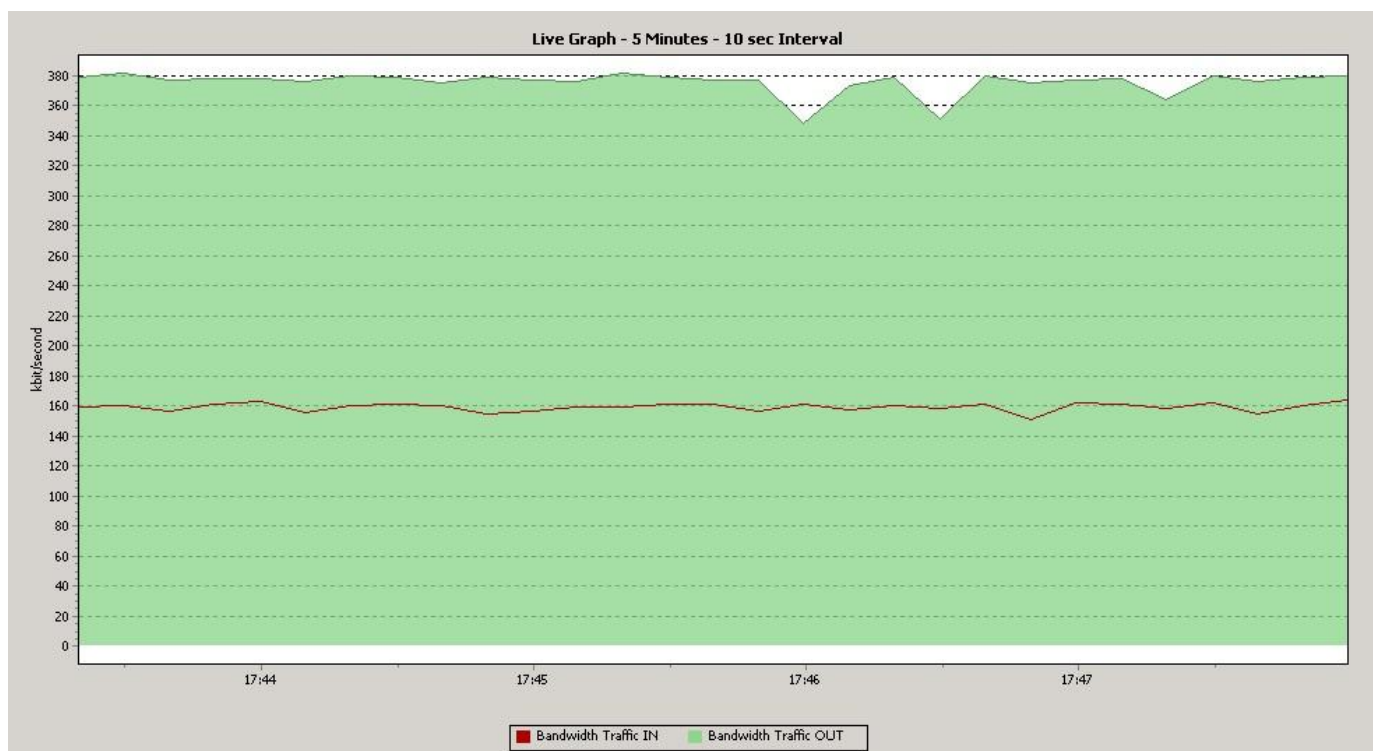
Responsável/cliente: Wallace Silva

Consórcio
STM/Vodanet

VSAT-ID
SES-SAIA-3232

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	7.120000	11.583700	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.583702 GHz
Symbol Rate : 7.119987 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 15.0 dB
Input Power : -30 dBm

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#
Satellite (DVB) TX Configuration
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Auto start           : Enabled
IDU Output Power     : -19 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 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     : -18.1 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 15.0 dB
Header Compression   : DSM-CC
Timing correction    : -437 us (271533 us)
Frequency correction : 140 Hz

IP DVB 10.148.0.167/32

Pinging 10.145.11.1 with 32 bytes of data:

Reply from 10.145.11.1: bytes=32 time=597ms TTL=62
Reply from 10.145.11.1: bytes=32 time=559ms TTL=62
Reply from 10.145.11.1: bytes=32 time=616ms TTL=62
Reply from 10.145.11.1: bytes=32 time=539ms TTL=62
Reply from 10.145.11.1: bytes=32 time=578ms TTL=62
Reply from 10.145.11.1: bytes=32 time=565ms TTL=62
Reply from 10.145.11.1: bytes=32 time=575ms TTL=62
Reply from 10.145.11.1: bytes=32 time=596ms TTL=62
Reply from 10.145.11.1: bytes=32 time=607ms TTL=62
Reply from 10.145.11.1: bytes=32 time=530ms TTL=62

Ping statistics for 10.145.11.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 530ms, Maximum = 616ms, Average = 576ms
```