prodemge

TERMO DE ACEITE TÉCNICO

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

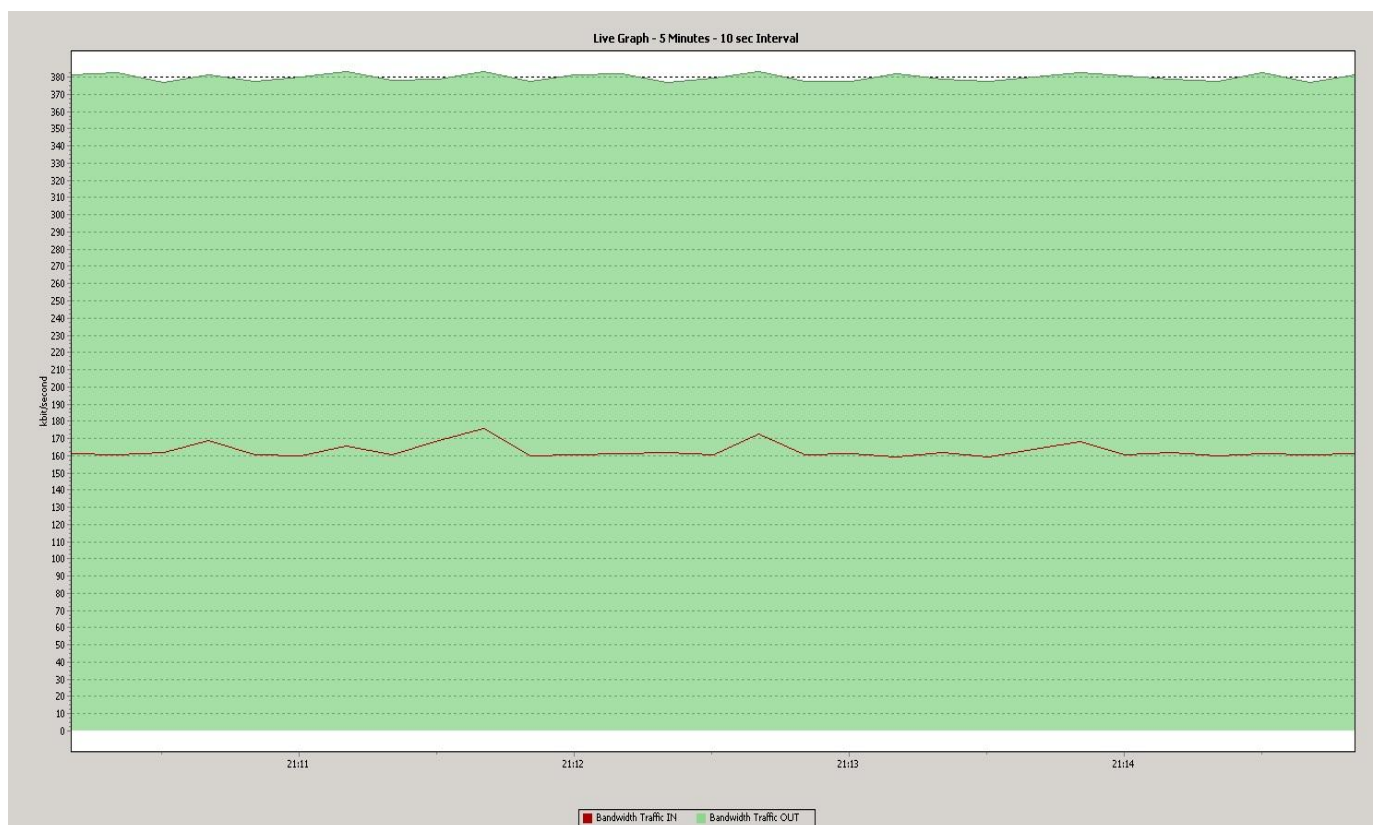|	
NOC/Operadora: Pedro Henrique da R. Bernardes	**Operadora/Cliente:** Mario Lucio
GRE/Prodemge: Douglas Alvares	**Responsável/cliente:** Evelyn Poutinho

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-BETE-5308	384/153	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[Msps]  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           : 11.606314 GHz
Symbol Rate         : 45.000152 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                 : 9.7 dB
Input Power         : -25 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : max
EIRP                 : max
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     : -19.3 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 11.5 dB
Header Compression   :  DSM-CC
Timing correction    : 68 us (251370 us)
Frequency correction: 210 Hz


IP DVB: 10.148.5.209/32


 Pinging 10.174.100.1 with 32 bytes of data:

 Reply from 10.174.100.1: bytes=32 time=763ms TTL=62
 Reply from 10.174.100.1: bytes=32 time=582ms TTL=62
 Reply from 10.174.100.1: bytes=32 time=594ms TTL=62
 Reply from 10.174.100.1: bytes=32 time=597ms TTL=62
 Reply from 10.174.100.1: bytes=32 time=609ms TTL=62
 Reply from 10.174.100.1: bytes=32 time=524ms TTL=62
 Reply from 10.174.100.1: bytes=32 time=526ms TTL=62
 Reply from 10.174.100.1: bytes=32 time=538ms TTL=62
 Reply from 10.174.100.1: bytes=32 time=539ms TTL=62
 Reply from 10.174.100.1: bytes=32 time=551ms TTL=62

 Ping statistics for 10.174.100.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 524ms, Maximum = 763ms, Average = 582ms
```