



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Hugo Leonardo Oliveira Carvalho

Operadora/Cliente: Mário Lúcio da Silva

GRE/Prodemge: Aguinaldo de Matos

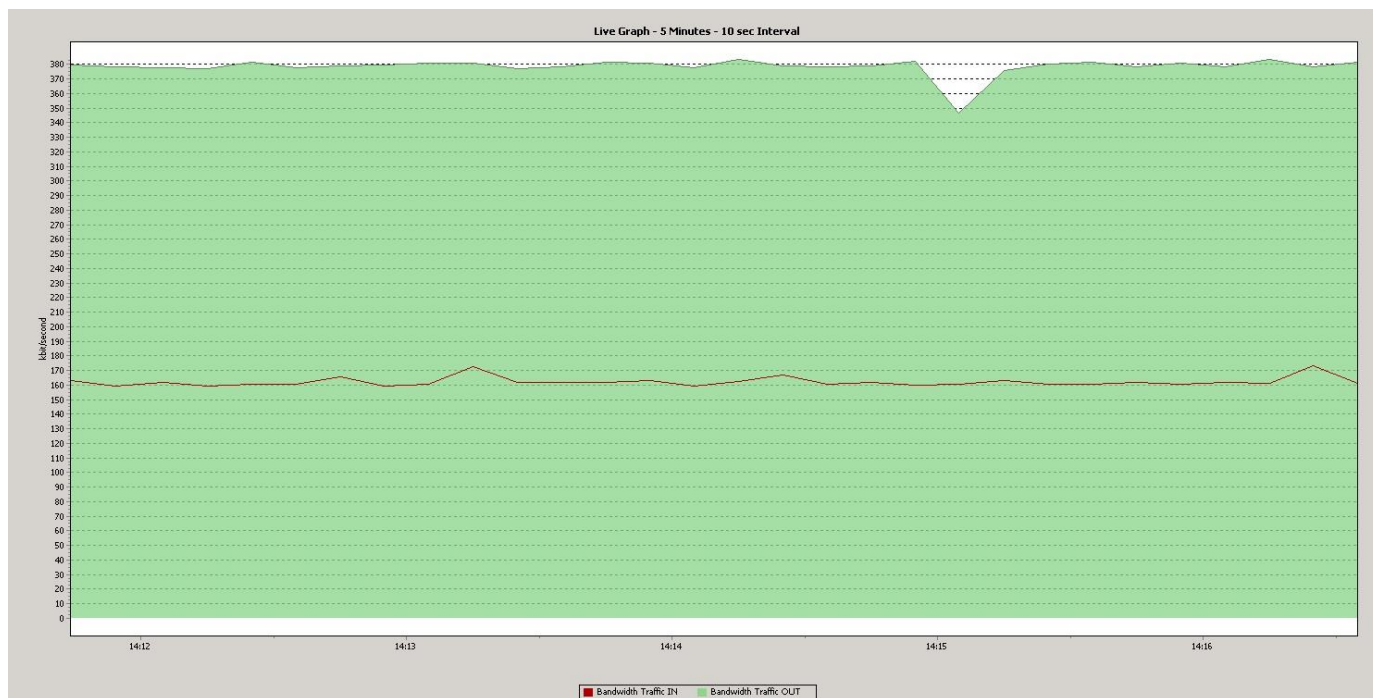
Responsável/cliente: Miriam Matias Soares

Consórcio
STM/Vodanet

VSAT-ID
SES-BETE-5307

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 : 11.606581 GHz
Symbol Rate : 44.999821 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 10 QPSK-8/9
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 9.3 dB
Input Power : -26 dBm

Satellite (DVB) TX Configuration

```
-----  
Auto start           : Enabled  
IDU Output Power     : -14 dBm  
IDU Max Output Power : 0.0 dBm  
ODU Output Power     : 34.7 dBm  
EIRP                 : 48.0 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     : -12.7 dBm  
ODU Output Power     : 34.3 dBm  
EIRP                 : 47.6 dBW  
Es/No                : 12.0 dB  
Header Compression   : DSM-CC  
Timing correction    : -78 us (251512 us)  
Frequency correction : 20 Hz
```

IP DVB: 10.148.5.189/32

Pinging 10.174.99.1 with 32 bytes of data:

```
Reply from 10.174.99.1: bytes=32 time=604ms TTL=62  
Reply from 10.174.99.1: bytes=32 time=519ms TTL=62  
Reply from 10.174.99.1: bytes=32 time=618ms TTL=62  
Reply from 10.174.99.1: bytes=32 time=533ms TTL=62  
Reply from 10.174.99.1: bytes=32 time=538ms TTL=62  
Reply from 10.174.99.1: bytes=32 time=547ms TTL=62  
Reply from 10.174.99.1: bytes=32 time=576ms TTL=62  
Reply from 10.174.99.1: bytes=32 time=561ms TTL=62  
Reply from 10.174.99.1: bytes=32 time=566ms TTL=62  
Reply from 10.174.99.1: bytes=32 time=552ms TTL=62
```

Ping statistics for 10.174.99.1:

```
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 519ms, Maximum = 618ms, Average = 561ms
```