# TERMO DE ACEITE TÉCNICO

**Solicitante: NSAT-SMITH_II**

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|---|---|
| **NOC/Operador:** Ermínio Alves Ribeiro Junior | **Cliente:** NSTA-SMITH_II |
| | |

| **Empresa** | **VSAT-ID** | **Link kbps** | **Plataforma** |
|---|---|---|---|
| EMC Brasil | NSAT-SMITH_II | 1M/512 KB | VSAT |

```
# dvb rx show


Satellite (DVB) RX Configuration
---------------------------------
Auto start          : Enabled
Max Traffic MODCOD    : 23   16APSK-9/10
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz] Mode   PopId   SatId  Pos   SatName        Name          Enable
* 0  0     9.320000      12.055825 DVB-S2 4         0   0.0 E                          Yes
  9  9    15.000000      12.059000 DVB-S2 4         0   0.0 E                          Yes

Satellite (DVB) Receiver Status
---------------------------------
Rx State          : On
DVB State          : Forward link up
Network            : 1326,  T14R Beam
Frequency          : 12.056064 GHz
Symbol Rate        : 9.320152 Msps
S2 ModCod
     - receiving   : 16   8PSK-8/9
     - current max : 15   8PSK-5/6
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
DVB S2 Stream type  : MPEG-TS
Roll off           : 0.20
SNR                : 12.2 dB
Input Power        : -35 dBm
# dvb tx show

Satellite (DVB) TX Configuration
---------------------------------
Auto start         : Enabled
IDU Output Power    : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 34.7 dBm
EIRP               : 48.0 dBW
Default CW Frequency: 14.125500 GHz
ATM mode           : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
---------------------------------
State              : On  (DVB-RCS)
IDU Output Power    : -20.2 dBm
ODU Output Power    : 34.7 dBm
```

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EIRP              : 48.0 dBW
Es/No             : 10.5 dB
Header Compression  : Disabled
Timing correction   : -78 us (256415 us)
Frequency correction: -20 Hz
# device show
System Information:
   Name             : NSAT-SMITH_II
   Location         : AM
   Contact          :
   System Up time     : 0 days, 01:58:19
   CPU Load         : 15%
   System time(UTC)   : 15 March 2017 20:44:33
   Broadcast Message  : not set

HW:
   Model            : SatLink 2000
   HW ID            : 120033
   Main board ID      : 120026 R6.2

MAC addresses:
   Ethernet (LAN)     : 00:20:0e:10:60:b7
   Satellite (DVB)    : 00:20:0e:10:60:b7

#

Disparando 172.18.192.90 com 32 bytes de dados:
Resposta de 172.18.192.90: bytes=32 tempo=624ms TTL=62
Resposta de 172.18.192.90: bytes=32 tempo=1316ms TTL=62
Resposta de 172.18.192.90: bytes=32 tempo=942ms TTL=62
Resposta de 172.18.192.90: bytes=32 tempo=757ms TTL=62

Estatísticas do Ping para 172.18.192.90:
   Pacotes: Enviados = 4, Recebidos = 4, Perdidos = 0 (0% de
         perda),
Aproximar um número redondo de vezes em milissegundos:
   Mínimo = 624ms, Máximo = 1316ms, Média = 909ms
```