TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Rogério Frias

Cliente: Rovema

Empresa	VSAT-ID	Link kbps	Plataforma
GEE Brasil	GDK-SARO	2048k/512k	VSAT

```
# device show
System Information:
  Name           : GDK-SARO
  Location       : Santa Izabel do Rio Negro - AM
  Contact        :
  System Up time    : 0 days, 00:12:43
  CPU Load       : 19%
  System time(UTC)   : 09 August 2018 14:36:35
  Broadcast Message   : not set

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

MAC addresses:
  Ethernet (LAN)     : 00:20:0e:10:60:87
  Satellite (DVB)    : 00:20:0e:10:60:87

# 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    30.000000    11.592000 DVB-S2 4      0   0.0 E
Yes
  1  1    25.333000    11.592000 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       : 11.592778 GHz
Symbol Rate      : 29.999341 Msps
S2 ModCod
   - receiving  : 7   QPSK-3/4
   - current max : 19   16APSK-3/4
Pilot         : On
Frame length     : Short
DVB S2 Mode      : ACM
DVB S2 Stream type  : MPEG-TS
Roll off       : 0.20
SNR          : 13.3 dB
Input Power      : -23 dBm
# dvb tx show#
```

```
Satellite (DVB) TX Configuration
-------------------------------
Auto start      : Enabled
IDU Output Power    : -22 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.3 dBm
EIRP          : 50.0 dBW
Default CW Frequency: 14.169750 GHz
ATM mode         : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
-------------------------------
State         : On  (DVB-RCS)
IDU Output Power    : -21.3 dBm
ODU Output Power    : 33.5 dBm
EIRP          : 50.2 dBW
Es/No          : 11.3 dB
Header Compression  : Disabled
Timing correction   : -118 us (244262 us)
Frequency correction: -130 Hz
# odu show

Antenna
--------------------
Type                  BrasilSat SOB107-18  - 1.8m
Antenna controller        None
Tx Gain at 14.25 GHz        46.7dB

Transmitter (BUC)
-------------------------------
Type                  SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.           104804040204090402310000
ODU HW Version           4.2
ODU SW Version           1.3
Local oscillator         13.050000 GHz
DC supply             24V On
Temperature             49 Deg C

Receiver (LNB)
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Type                  SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1        9.750000 GHz
Local oscillator - LO2        10.600000 GHz
Oscillator switching frequency 1-2  11.700000 GHz
LO Switching mode          22kHz
13/18V DC supply          13V

# dvb cr show

Capacity parameters per channel:
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Channel  CRA[kbps] Allocated[kbps]
   0      0          49

Requested capacity per QoS class:
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```

Channel	CRClass	MaxRBDC[kbps]	MaxVBDC[kB]	RateReq[kbps]	VolReq[octs]	Description
0	0	512	51	10	0	Best Effort
0	1	0	0	0	0	VoiP
0	2	0	0	0	0	ViC
0	3	32	3	0	0	Critical Da ta

```
RBDC timeout 5 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)
# ip mfc show
MfC Classification table
Module: PEP (1)
SubIdx Idx Grp Classification Parms    HitCount
   1  10   1 Dst port =    1..65535   777
#
```