Empresa EMC Brasil	VSAT-ID HSVIASAT-EUGENIO-2017	Link kbps 2M/512k	Plataforma VSAT

```
# device show
System Information:
    Name             : HSVIASAT-EUGENIO-2017
    Location         : Bailique - AM
    Contact          :
    System Up time   : 0 days, 02:06:32
    CPU Load         : 35%
    System time(UTC) : 22 July 2017 18:04:43
    Broadcast Message : not set

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

MAC addresses:
    Ethernet (LAN)   : 00:20:0e:10:5b:64
    Satellite (DVB)  : 00:20:0e:10:5b:64

# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power    : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.5 dBm
EIRP                : 50.0 dBW
Default CW Frequency: 14.125750 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    : 33.4 dBm
EIRP                : 49.9 dBW
Es/No               : 12.0 dB
Header Compression  : Disabled
Timing correction   : -35 us (245988 us)
Frequency correction: -100 Hz
# 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    25.333333      12.050000 DVB-S2 4         0     0.0 E
Yes
  1  1    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            : 12.050326 GHz
Symbol Rate          : 25.332860 Msps
S2 ModCod
      - receiving    : 14   8PSK-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                  : 12.4 dB
Input Power          : -24 dBm
# odu show


Antenna
--------------------
Type                          Prodelin Series 1184 1.8m
Antenna controller            None
Tx Gain at 14.25 GHz          46.5dB


Transmitter (BUC)
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Type                          SatLink 4035 (14.0-14.5 GHz)
ODU Serial No.                106546040203080311770000
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              451


Requested capacity per QoS class:
-------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
     0       0         512          51           420         11092 Best Effort
     0       1           0           0             0             0 VoiP
     0       2           0           0             0             0 ViC
     0       3          32           3             0             0 Critical Data


RBDC timeout 5 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=830 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=690 ms
64 bytes from 8.8.8.8: time=740 ms


---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 690/730/830 ms
#
```