

TERMO DE ACEITE TÉCNICO

Solicitante: NORT SAT

NOC/Operador: Leonardo Martins

Cliente: NORT SAT

Empresa
EMC Brasil

VSAT-ID
NSAT-MARAA

Link kbps
2M/512k

Plataforma
VSAT



dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -18 dBm
IDU Max Output Power : 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -17.8 dBm
Es/No                : 12.0 dB
Header Compression   : Disabled
Timing correction     : -18 us (245281 us)
Frequency correction : 30 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[Msp/s]	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 : 12.050074 GHz
Symbol Rate : 25.332815 Msps
S2 ModCod
- receiving : 20 16APSK-4/5
- current max : 18 16APSK-2/3
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 11.2 dB
Input Power : -40 dBm
# odu show
```

Antenna

```
-----
Type ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller None
Tx Gain at 14.25 GHz 43.3dB
```

Transmitter (BUC)

```
-----
Type JRC NJT5097 (13.75-14.25 GHz)
Local oscillator 12.800000 GHz
DC supply 24V On
```

Receiver (LNB)

```
-----
Type Invacom SPV-30SM (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:

```
-----
Channel CRA[kbps] Allocated[kbps]
0 0 35
```

Requested capacity per QoS class:

```
-----
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
0 0 512 51 26 0 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)
```

```
#
```