	TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Wallace Teixeira	**Cliente: Nsat**

Empresa EMC Brasil	**VSAT-ID** NSAT-AP-V	**Link kbps** 2M/512k	**Plataforma** VSAT

device show
System Information:
  Name   : NSAT-AP-V
  Location   : CALÇOENE/AP
  Contact   : CONTATO@NSAT.COM.BR
  System Up time   : 3 days, 01:44:21
  CPU Load   : 17%
  System time(UTC)   : 26 August 2018 23:54:15
  Broadcast Message   : not set

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

MAC addresses:
  Ethernet (LAN)   : 00:20:0e:10:94:b5
  Satellite (DVB)   : 00:20:0e:10:94:b5

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

Satellite (DVB) Receiver Status

Rx State   : On
DVB State   : Forward link up
Network   : 1326, T14R Beam
Frequency   : 11.591981 GHz
Symbol Rate   : 30.000082 Msps
S2 ModCod
   - receiving : 7 QPSK-3/4
   - current max : 15 8PSK-5/6

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Pilot          : On
Frame length      : Short
DVB S2 Mode       : ACM
DVB S2 Stream type  : MPEG-TS
Roll off        : 0.20
SNR          : 11.4 dB
Input Power      : -39 dBm
# dvb tx show


Satellite (DVB) TX Configuration
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Auto start       : Enabled
IDU Output Power   : -20 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
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State          : On  (DVB-RCS)
IDU Output Power   : -20.1 dBm
Es/No          : 12.5 dB
Header Compression : Disabled
Timing correction  : -38 us (245309 us)
Frequency correction: -90 Hz
# odu show


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


Transmitter (BUC)
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Type             JRC NJT5017 (14.0-14.5 GHz)
Local oscillator      13.050000 GHz
DC supply          24V On


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
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Capacity parameters per channel:

Channel	CRA[kbps]	Allocated[kbps]
0	0	0

Requested capacity per QoS class:

Channel	CRClass	MaxRBDC[kbps]	MaxVBDC[kB]	RateReq[kbps]	VolReq[octs]	Description
0	0	512	51	2	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)
ip mfc show
MfC Classification table
Module: PEP (1)

SubIdx	Idx	Grp	Classification Parms			HitCount
1	10	1	Dst port =	1..65535		61615

ip qos show
QOS Policy Table

Grp	Cls	CrM	Pri	QLength	Drop	Timeout	Description
0	0	0	0	400000	0	120	Best Effort
1	1	1	1	15000	1	120	VoIP Audio
2	1	1	2	4000	1	120	VoIP Signaling
3	2	1	5	500000	1	120	VIC Video
4	2	1	4	50000	1	120	VIC Audio
5	2	1	3	10000	1	120	VIC Signaling
6	3	0	6	400000	0	120	Critical Data

QoS MfC Classification table
SubIdx Idx Grp Classification Parms   HitCount