	TERMO DE ACEITE TÉCNICO		
Solicitante: GEE			
NOC/Operador: Wallace Teixeira		**Cliente: Nsat**	
Empresa EMC Brasil	**VSAT-ID** NSAT-IIEB-I	**Link kbps** 1M/512k	**Plataforma** VSAT

device show
System Information:
Name : NSAT-IIEB-I
Location : Humaitá/AM
Contact :
System Up time : 0 days, 00:11:22
CPU Load : 15%
System time(UTC) : 17 July 2018 22:21:34
Broadcast Message : not set

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

MAC addresses:
Ethernet (LAN) : 00:20:0e:10:67:ef
Satellite (DVB) : 00:20:0e:10:67:ef

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 5
5 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 : 11.592758 GHz
Symbol Rate : 29.999800 Msps
S2 ModCod
- receiving : 14 8PSK-3/4
- 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 : 12.5 dB
Input Power : -33 dBm
dvb tx show

Satellite (DVB) TX Configuration
---------- Auto
start : Enabled
IDU Output Power : -23 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.2 dBm
EIRP : 46.5 dBW
Default CW Frequency: 14.125980 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -16.1 dBm
ODU Output Power : 32.9 dBm
EIRP : 46.2 dBW
Es/No : 11.5 dB
Header Compression : Disabled
Timing correction : 24 us (244697 us)
Frequency correction: 0 Hz
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 SatLink 4033 (14.0-14.5 GHz)
ODU Serial No. 104804040203081202900000
ODU HW Version 4.2
ODU SW Version 1.3
Local oscillator 13.050000 GHz

DC supply 24V On
Temperature 37 Deg C

Receiver (LNB)

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:

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 78
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

64 bytes from 8.8.8.8: time=1590 ms
64 bytes from 8.8.8.8: time=770 ms
64 bytes from 8.8.8.8: time=650 ms

64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=770 ms

--- ping statistics ---
10 packets transmitted, 10 received, 0.00 percent packet loss rtt min/avg/max = 610/750/1590 ms