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भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)

No:64-03/09-BB(P-3)

Dt: 24-01-2011

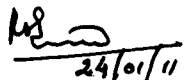
To
All CGMs Telecom Circles / Metro Districts

Subject: DELT & SELT to test broadband connection parameters.

Ref: U.O. No. 210-22/2009-MMD/ Vol II dated 09-12-2010

There are two tests, DELT & SELT which test the upstream & downstream parameters of the broadband connections. Steps for performing both the tests are enclosed as Annexure-I.

You are requested to instruct all nodal officers of your circle & SSAs to undertake DELT and SELT test before providing any broadband connection (specially the high speed broadband connections) and specifically in value added services on existing broadband connection, namely IPTV etc.


(R SAJI KUMAR)
Addl.GM (NWP-BB)

Encl: as above

Copy to:

1. Sr GM (NWP-BB), BSNL CO for information please.

Endt.No. D2 / BMP/O&M /2009-2011 / 66 dated at Chennai-8 the 4. 2.2011

Endorsed and forwarded to all the Head of SSAs for information and necessary action please.

Signed
Sub Divisional Engineer (BB)
Chennai - 600 008.

Please go through steps for performing DELT & SELT

DELT

1. Please disable the DSL port where we want to perform the test

2. Log on to DSLAM EMS (Netman 4000)

3. Double click on the corresponding NE in EMS

4. Select Diagnostics Tab.

5. Select Node > shelf 1 > slot 1 > then DELT

6. Select required port then start.

R/bir, SELT/DELT tests were conducted yesterday with EMS of DSLAM. Sample results are enclosed. Further action is being planned. Submitted pl.

Can they be submitted to call
Dir (CFA) *[Signature]* to call
Chris

IP DSLAM 3.2.3 bgl dlm bge4u 01 (10.224.0.33)

Configuration Batch Profile Video Service

Node

- Shelf 1
 - Slot 1: IPADSL8A
 - F4/F5 loopback
 - DELT
 - SELT
 - Slot 2: IPADSL8A
 - Slot 3: IPADSL8A
 - Slot 4: IPADSL8A
 - Slot 5: IPADSL8A
 - Slot 6: IPADSL8A
 - Slot 7: IPADSL8A
 - Slot 8: IPADSL8A
 - Slot 9: IPADSL8A

DELT

Port	Admin Status	Operational Status	DELT Progress
1	unlocked	Disabled	
2	unlocked	Enabled	
3	unlocked	Disabled	
4	unlocked	Disabled	
5	unlocked	Disabled	
6	unlocked	Disabled	
7	unlocked	Disabled	
8	unlocked	Disabled	
9	unlocked	Disabled	
10	unlocked	Disabled	
11	unlocked	Disabled	
12	unlocked	Disabled	
13	unlocked	Disabled	
14	unlocked	Disabled	
15	unlocked	Disabled	
16	unlocked	Disabled	
17	unlocked	Disabled	
18	unlocked	Disabled	
19	unlocked	Enabled	
20	unlocked	Disabled	
21	unlocked	Disabled	
22	unlocked	Disabled	
23	unlocked	Enabled	
24	unlocked	Disabled	
25	unlocked	Disabled	
26	unlocked	Disabled	
27	unlocked	Disabled	
28	unlocked	Enabled	
29	unlocked	Disabled	
30	unlocked	Disabled	
31	unlocked	Disabled	
32	unlocked	Disabled	

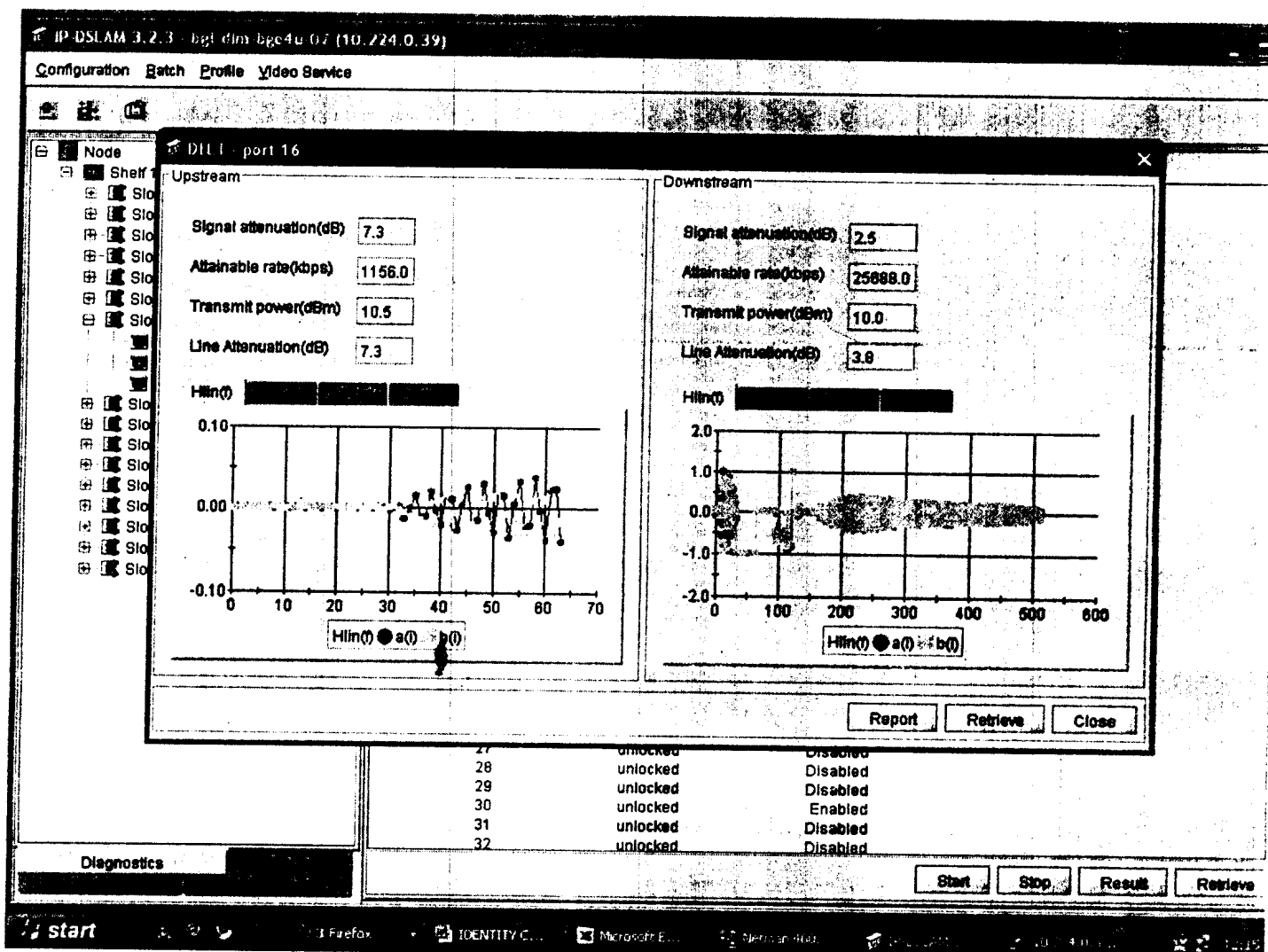
Diagnostics

Start Stop Result Restore

Handwritten notes:
 Yes Sir
 02/14/11
 Dir (CFA)
 PE take dict
 02/18/11
 Sir AS

7. Now select adsl2plus and click OK. Now the test will progress

8. Just click on result tab the result will be generated as shown below



SELT

1. Disable the port where we want to perform the test
2. Remove the modem from line
3. Log on to DSLAM EMS
4. Double click the NE

5. Select the Diagnostics tab

6. Select Node>shelf1>slot>port>then SELT

7. Select the required port and give test

IP DSI AW 1.2.3 - hp dsi aw 1.2.3 (10.224.0.33)

Configuration Batch Profile Video Service

Node

- Shelf 1
 - Slot 1: IPADSL8A
 - F4/F5 loopback
 - DELT
 - SELT**
 - Slot 2: IPADSL8A
 - Slot 3: IPADSL8A
 - Slot 4: IPADSL8A
 - Slot 5: IPADSL8A
 - Slot 6: IPADSL8A
 - Slot 7: IPADSL8A
 - Slot 8: IPADSL8A
 - Slot 9: IPADSL8A

SELT

Port	Admin Status	Operational Status
1	unlocked	Disabled
2	unlocked	Enabled
3	unlocked	Disabled
4	unlocked	Disabled
5	unlocked	Disabled
6	unlocked	Disabled
7	unlocked	Disabled
8	unlocked	Disabled
9	unlocked	Disabled
10	unlocked	Disabled
11	unlocked	Disabled
12	unlocked	Disabled
13	unlocked	Disabled
14	unlocked	Disabled
15	unlocked	Disabled
16	unlocked	Disabled
17	unlocked	Disabled
18	unlocked	Disabled
19	unlocked	Disabled
20	unlocked	Enabled
21	unlocked	Disabled
22	unlocked	Disabled
23	unlocked	Disabled
24	unlocked	Enabled
25	unlocked	Disabled
26	unlocked	Disabled
27	unlocked	Disabled
28	unlocked	Disabled
29	unlocked	Enabled
30	unlocked	Disabled
31	unlocked	Disabled
32	unlocked	Disabled

Diagnostics

Test Retrieve

7. The result will be generated automatically as shown below with in 10 minutes..

