



Flexi WCDMA BTS Integration

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Requirements for Nokia Flexi WCDMA BTS RAS Integration for ATM lub configuration

The following BTS and Cell parameters have to be set up in accordance to their definition at the RNC:

BTS parameters

- BTS ID
- BTS IP address

LCR IDs (Local Cell Resource IDs)

CoCo (Connection Configuration)

- 1 x CNBAP (Common Node B Application Protocol)
- 1 x DNBAP (**D**edicated **N**ode **B A**pplication **P**rotocol)
- 1 x AAL2SIG (Atm Adaptation Layer 2 SIGnalling)
- 1-8 x AAL2UP (Atm Adaptation Layer 2 User Plane)

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DCN (Data Communication Network)

- ATM settings
- IP settings

TRS

IP address

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BTS Commissioning Parameters

Displays the BTS commissioning parameters in the following sublevels:

BTS Settings

Local Cell Resources

Local Cell Settings

WCDMA Carrier Candidates

Antenna Line Settings

External Alarm and Control Settings

Authentication Settings

Modules

States

SW Configuration

TRS Commissioning Parameters

Displays the TRS commissioning parameters in the following sublevels:

Site Properties

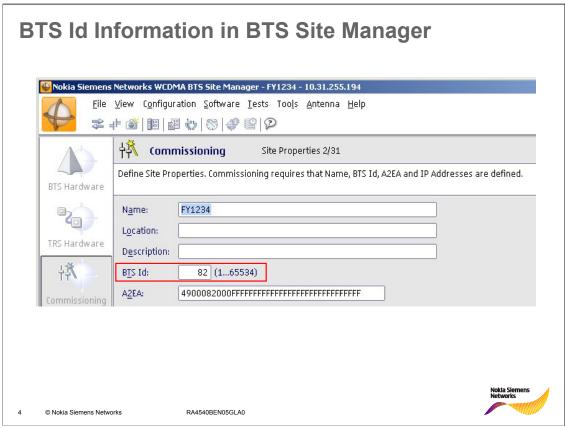
Physical Layer Configuration

Traffic Descriptors

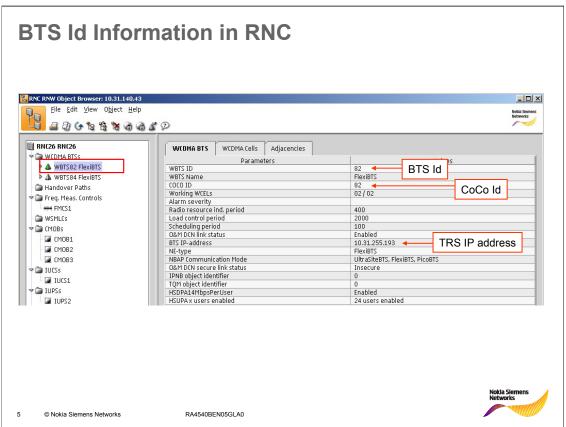
IUB Terminations to BTS

DCN Interfaces

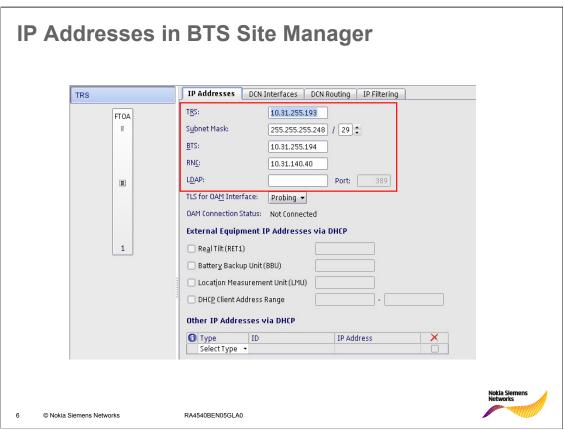














TRS IP Address in RNC

QRI:OMU,0:;

RNC IPA2800 2009-05-11 11:07:43

INTERROGATING NETWORK INTERFACE DATA

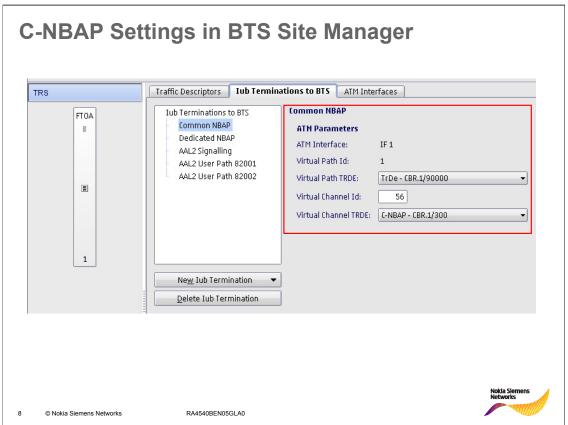
UNIT	IF NAME	ADM STATE	MTU	PRIORITY	IF TYPE	ADDR TYPE	IP ADDRESS
OMU-0	AA82	UP	1500	-	U	L	10.31.140.40/32
							->10.31.255.193
	ELO	UP	1500	-		L	10.31.140.40/24

TRS IP Address

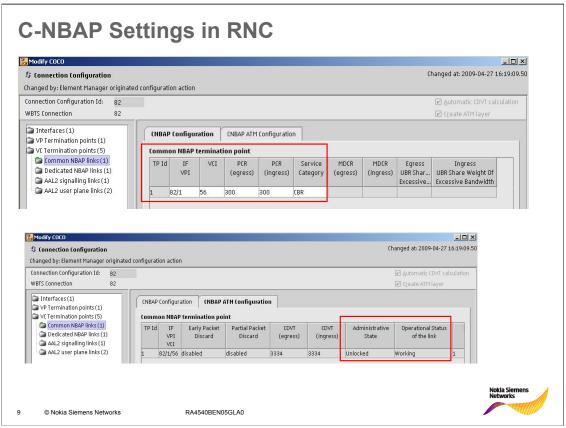
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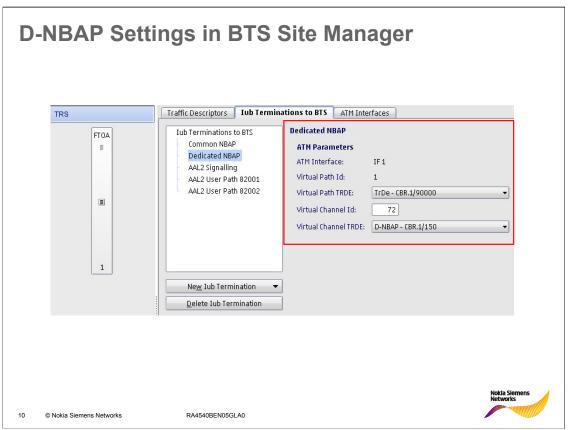




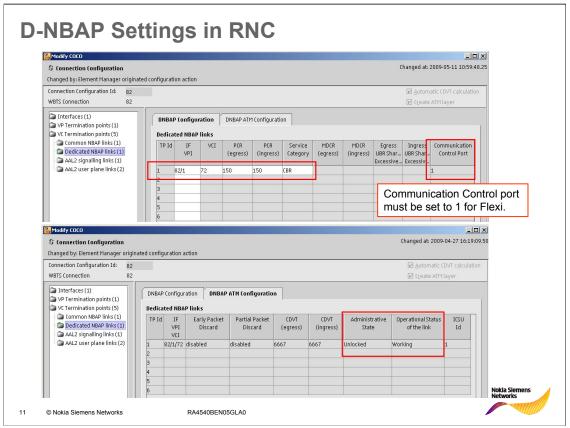




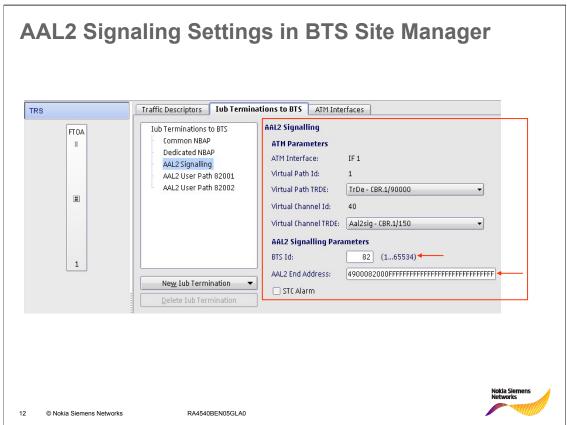




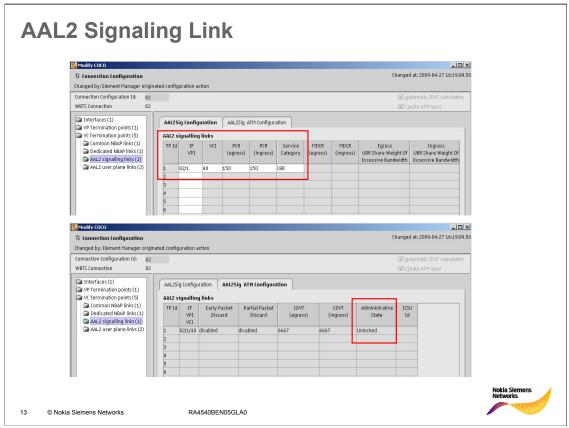




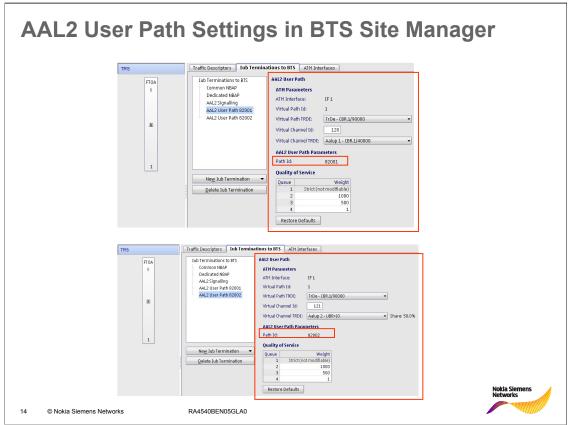




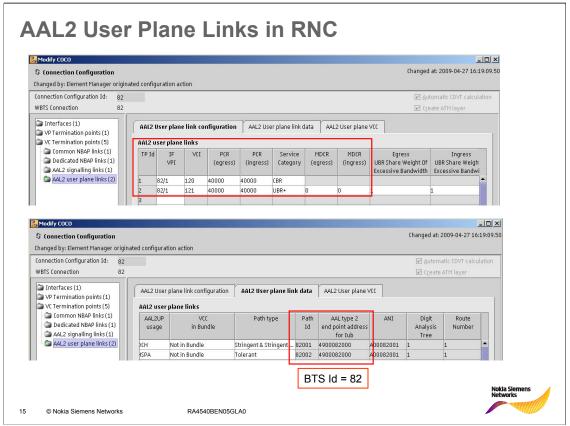




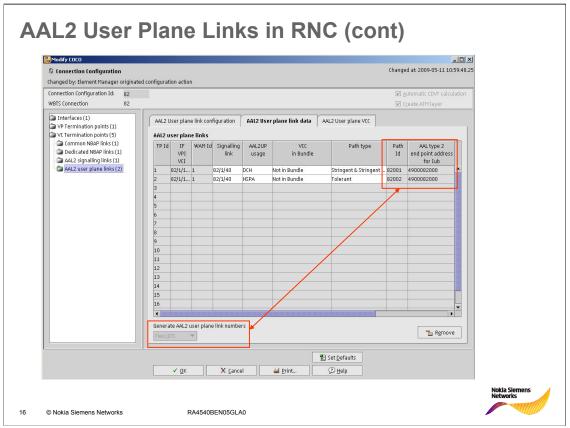




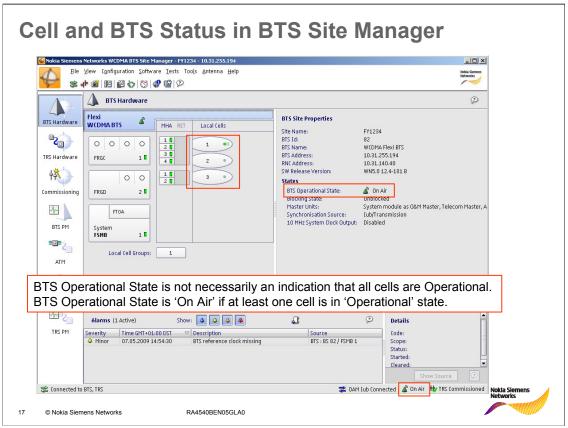




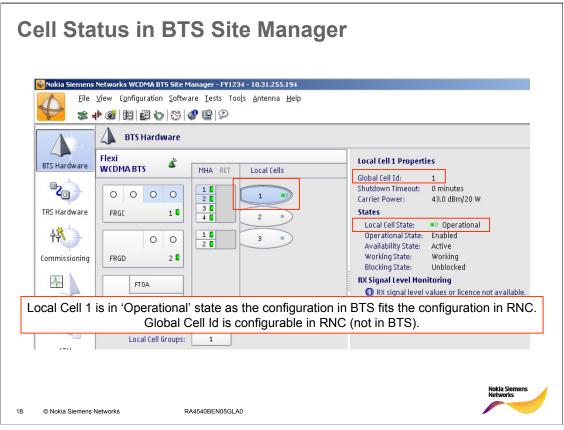




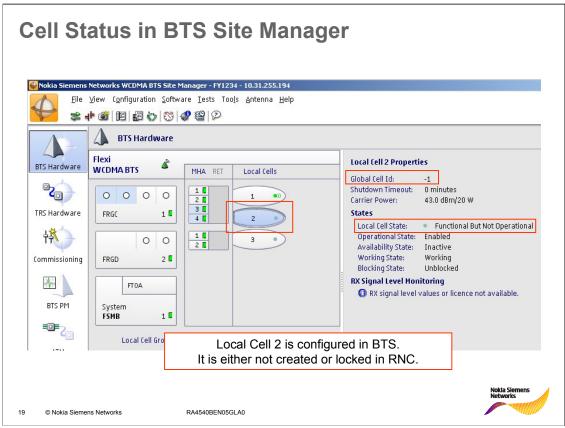




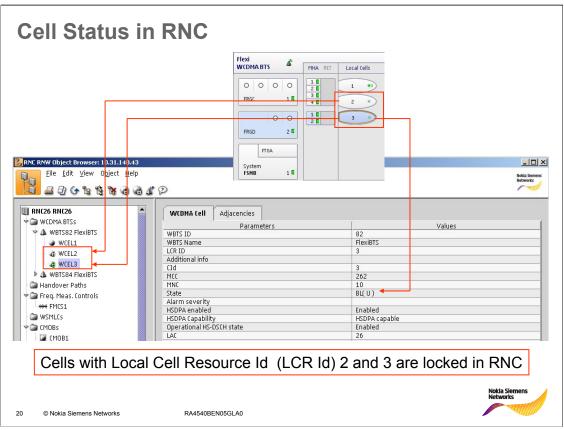




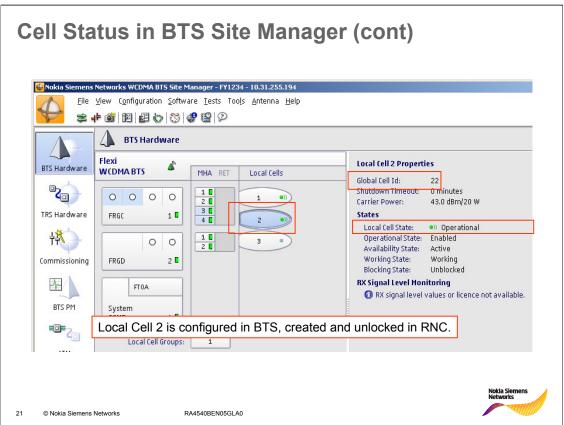




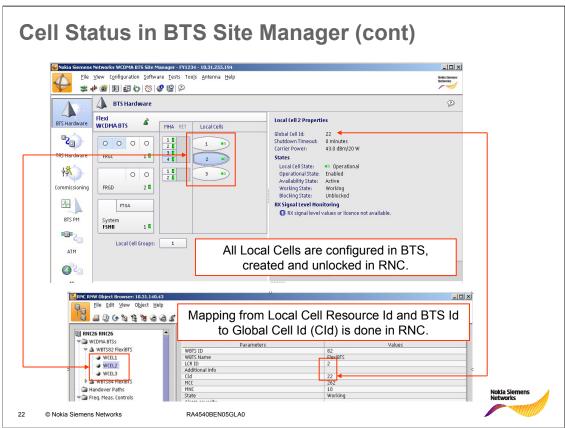




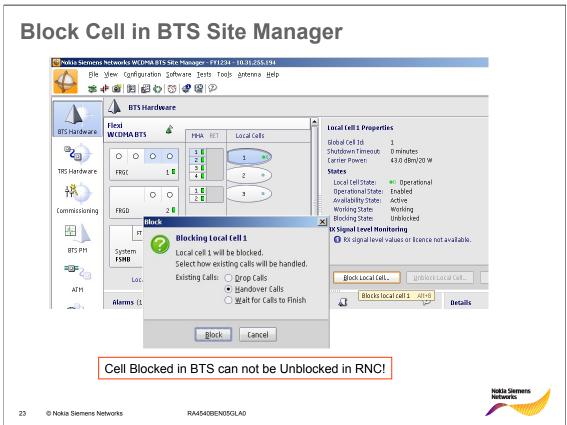




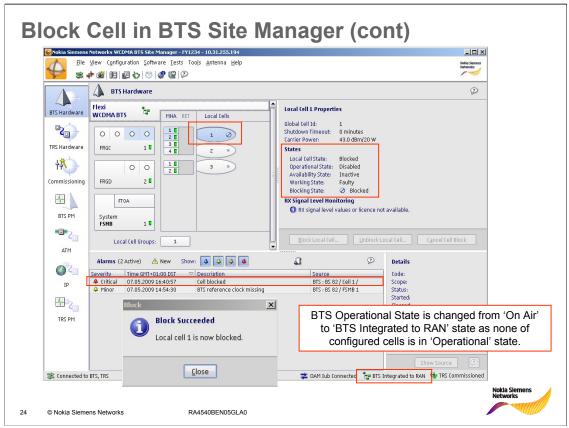




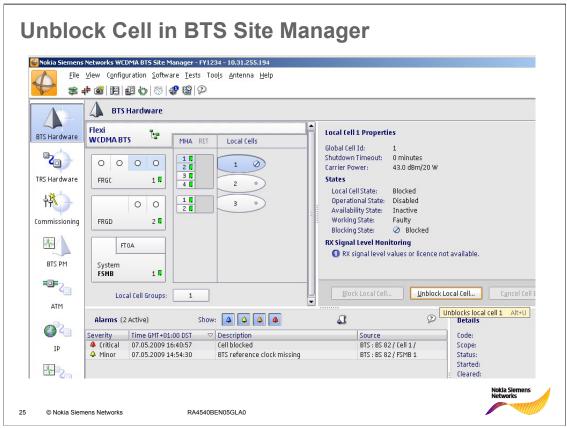




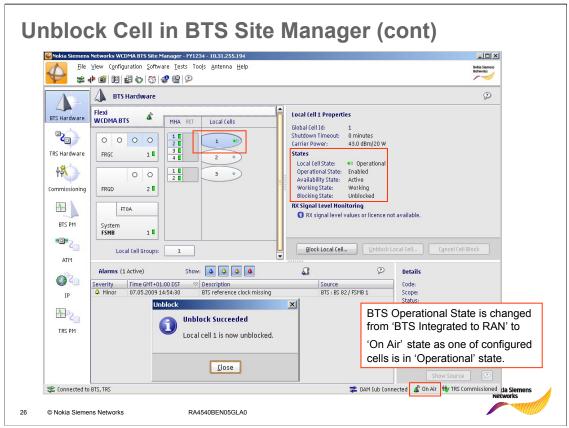




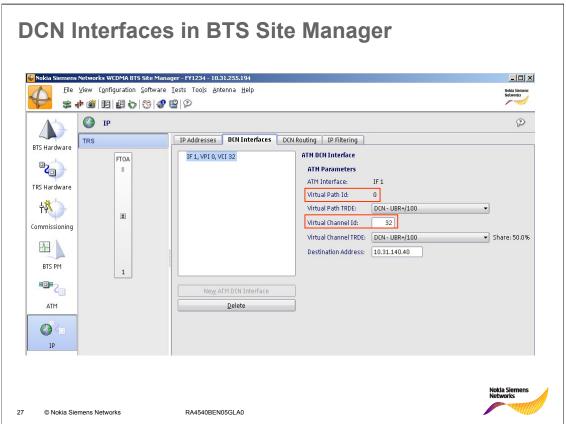




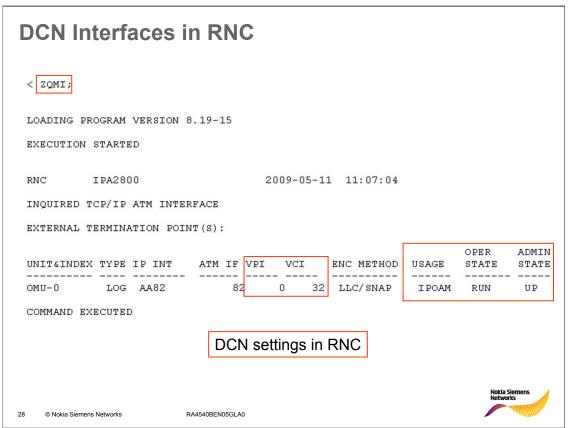




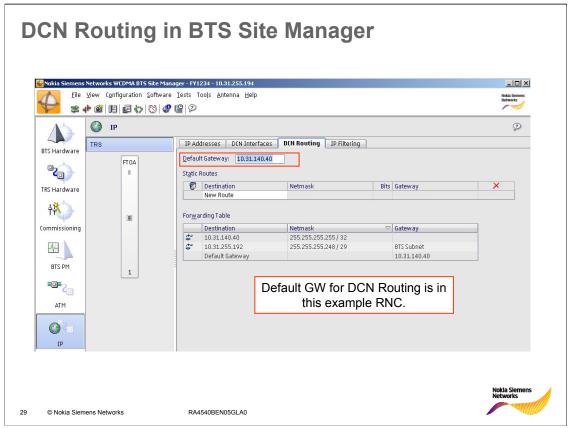




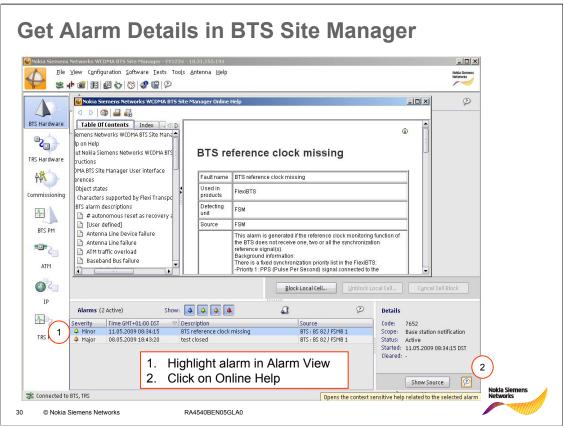




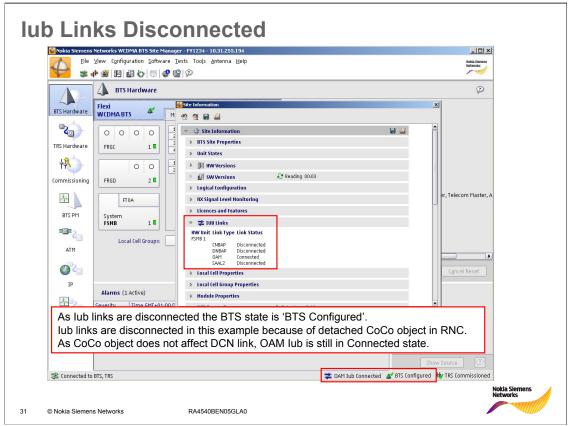




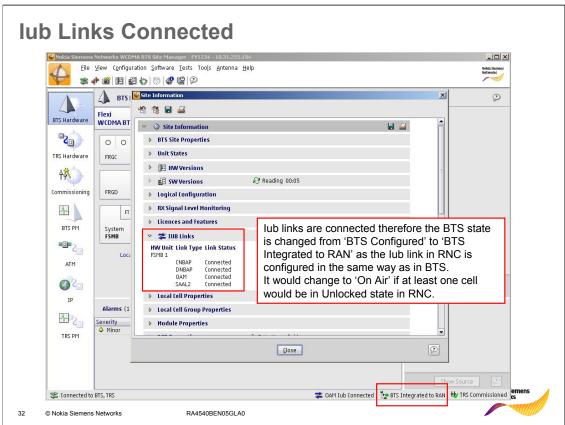




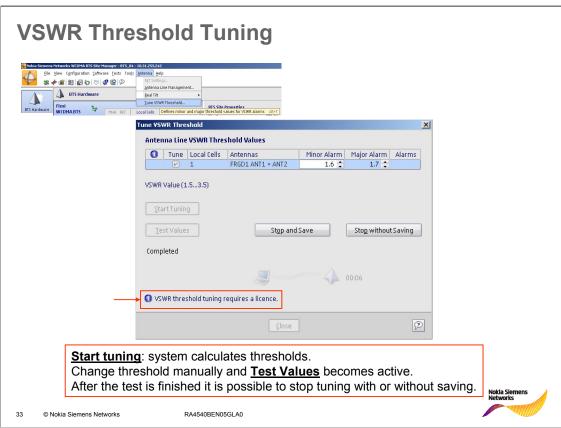






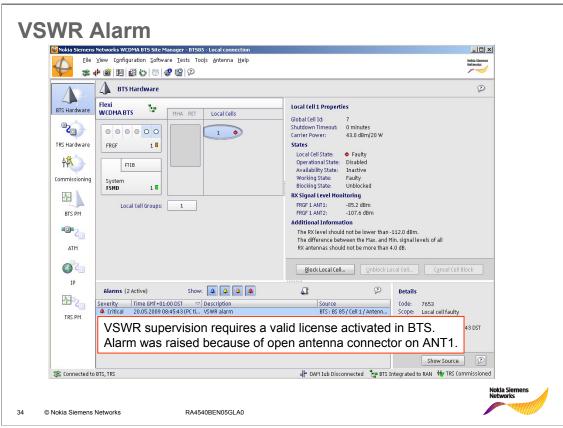






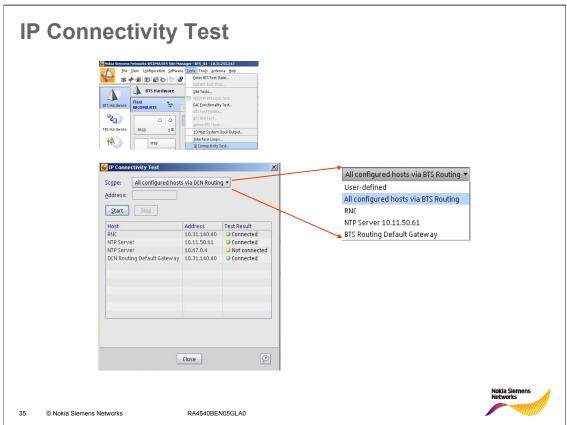
VSWR threshold tuning requires a valid license installed in Flexi WCDMA BTS (Antenna Line Supervision License Key).



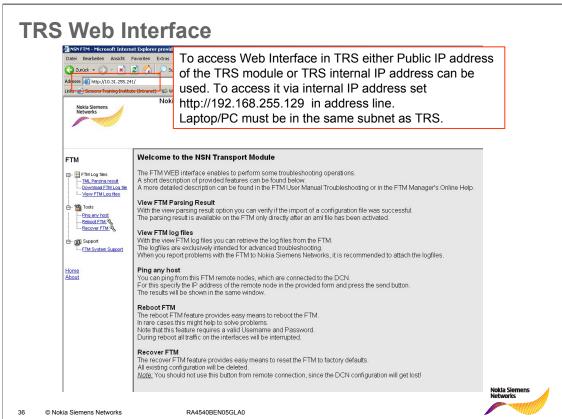


VSWR threshold tuning requires a valid license installed in Flexi WCDMA BTS (Antenna Line Supervision License Key).

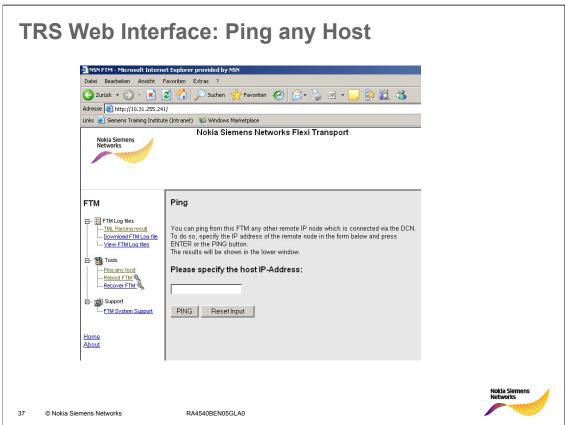




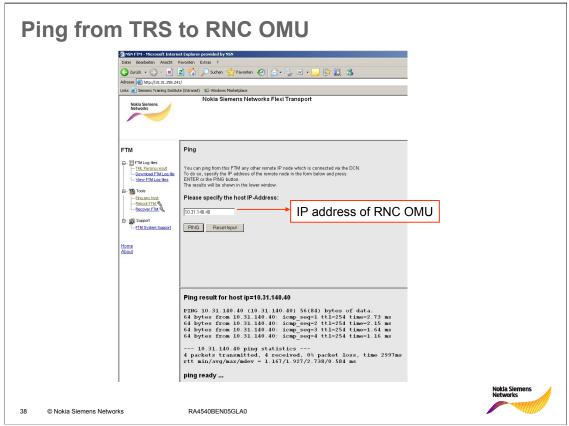














Ping from RNC OMU to TRS

```
QRX:OMU, 0:IP= 10.31.255.193; PING:s=8000, C=5,; TRS IP address

RNC IPA2800 2009-05-07 17:51:16

PING, SENDING UNIT: OMU-0
PING 10.31.255.193 (10.31.255.193): 8000 data bytes
8008 bytes from 10.31.255.193: icmp_seq=0 ttl=64 time=13.511 ms
8008 bytes from 10.31.255.193: icmp_seq=1 ttl=64 time=9.852 ms
8008 bytes from 10.31.255.193: icmp_seq=2 ttl=64 time=9.889 ms
8008 bytes from 10.31.255.193: icmp_seq=3 ttl=64 time=9.869 ms
8008 bytes from 10.31.255.193: icmp_seq=4 ttl=64 time=9.883 ms
----10.31.255.193 PING Statistics----
5 packets transmitted, 5 packets received, 0% packet loss
round-trip min/avg/max = 9.852/10.601/13.511 ms

COMMAND EXECUTED
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