



Welcome

Nautel Users Group

2014



MAJOR NEW FUNCTIONALITY
FOR EXISTING CUSTOMERS



Date & Time

Tue Mar 25 2014

23:42:22

Scheduler: Off

Transmitter

16.0 kW

FM + HD

88.00 MHz

Reflected

69.0 W

Set Point

16.00 kW

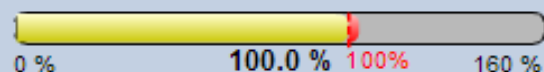
Preset: FM+HD -14dB

Exciter

Active Exciter

A

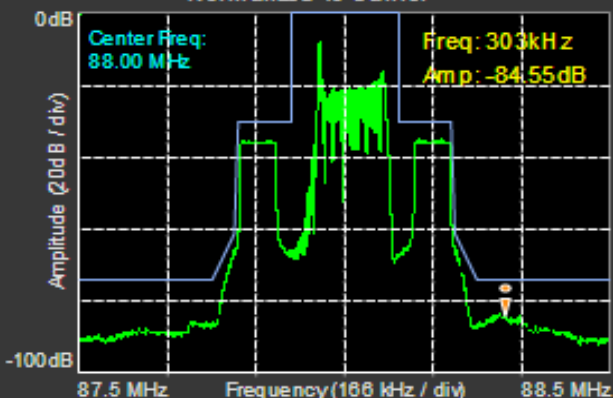
FM Modulation



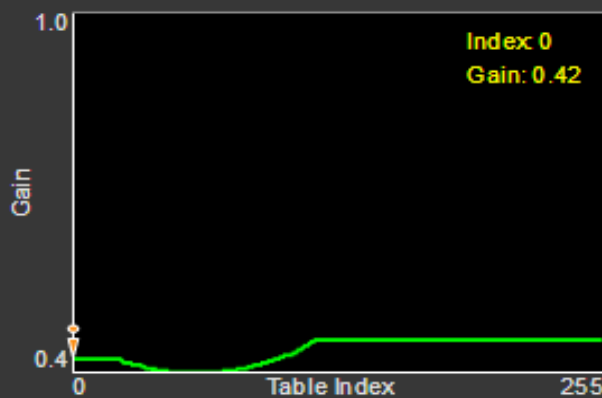
Spectrum



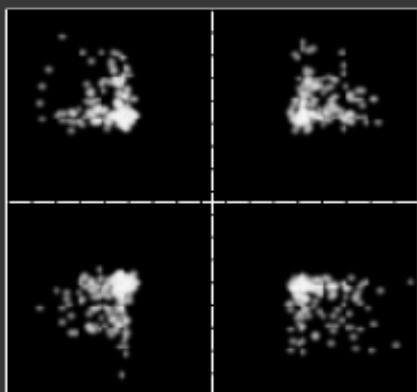
Normalized To Carrier



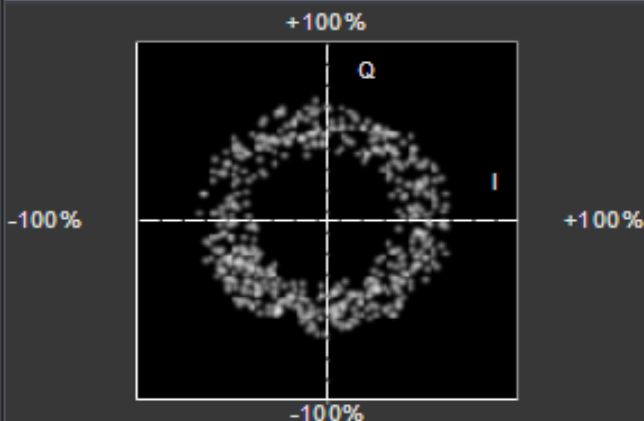
AM-AM Correction



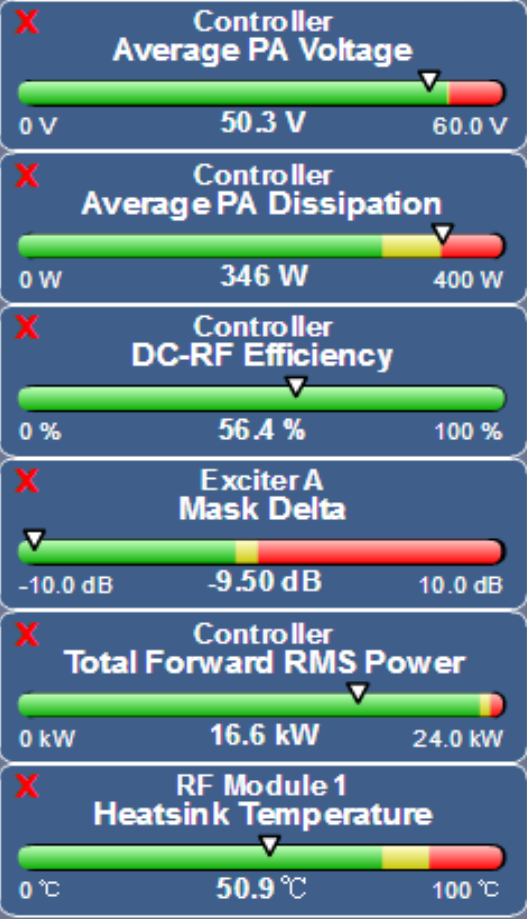
Signal Constellation



Lissajous Plot



Meters



RF On

RF Off

Logged in as: Nautel

Menu

Status

Logs

Local

Remote

Reset

Log Out



NXSeries MW
25 kW–2.0 MW

Advanced User Interface (AUI)



VSSeries FM
300 W–2.5 kW



NTSeries UHF
150 W–500 W



NVSeries FM
3.5 kW–88 kW



NV^{LT}Series FM
3.5 W–40 W



GVSeries FM
3.5 kW–88 kW

Nautel PhoneHome



Phone Home™



Current Time: Apr 6, 2014 07:24:59 UTC

INV3.5LT INV3.5LT-3.5kW - Analog only

History Mode

Live Mode

Zoom:
From : Apr 5, 2014 07:16:08
To: Apr 6, 2014 07:16:08

Minute

Max

Hour

Day

Apr 5, 2014 07:16:08

Apr 6, 2014 07:16:08

Status

Status

25.8 kW

FM

103.3 MHz

RF On

Ref Power

49.0 W

Set Point

25.5 kW

Preset: Preset 1

Device	Event	S	Time

Logs

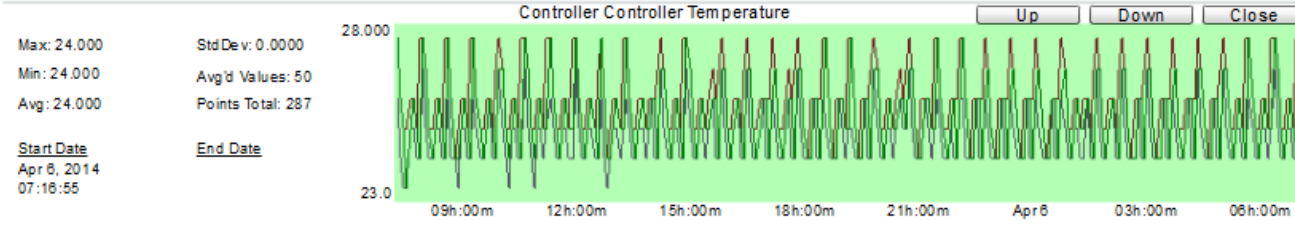
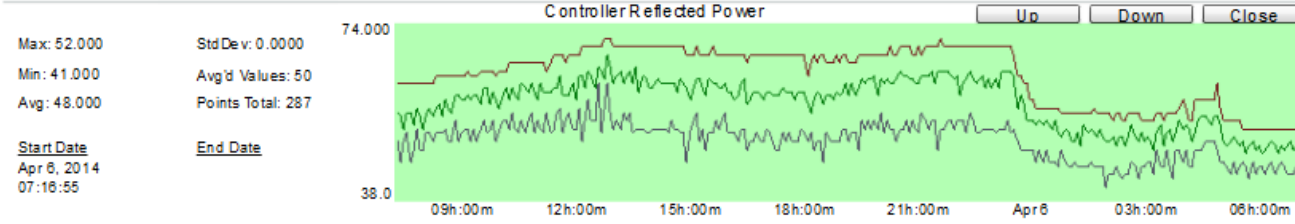
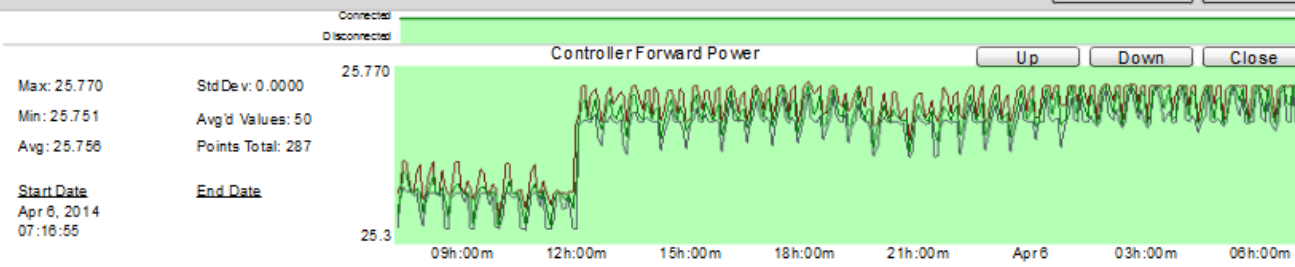
Device	S	Event	S	Time
Controller	✓	IPA Balancing Recommen	⚠	Sun Apr 6 04:16:06 C
Controller	⚠	IPA Balancing Recommen	⚠	Sun Apr 6 04:16:06 C
Controller	✓	IPA Balancing Recommen	⚠	Sun Apr 6 04:15:42 C
Controller	⚠	IPA Balancing Recommen	⚠	Sun Apr 6 04:15:42 C
Controller	✓	IPA Balancing Recommen	⚠	Sun Apr 6 04:15:36 C
Controller	⚠	IPA Balancing Recommen	⚠	Sun Apr 6 04:15:36 C
Controller	✓	IPA Balancing Recommen	⚠	Sun Apr 6 04:15:32 C
Controller	⚠	IPA Balancing Recommen	⚠	Sun Apr 6 04:15:32 C

Meters

Auto Scale

Select Meters

Live AUI



“Nautek
has never
discontinued
support
on any product,
ever”

Thank You

