



CORNING EVERON™ 6000 SOLUTIONS admin



DEU ID: 2
 Equipment Mode: 25G
 Equipment Model: DEU-G2-25G
 Equipment SN: D430-DEU-B04
 Firmware Version: 23.4.2.11_Everon_6000_DEU_P2.V01.00.03.87
 Hardware Version: 1
 Site Info: DEU22222222222222



Reset
Trigger Switch
Firmware
Alarm Setting
Import & Export
Log


Dashboard
 DEU
 RU
Function
 User
 Notification

Item	Action
Restore Factory Settings	Reset
Clear History Alarm	Clear
DEU Software Reset	Reset
DEU Hardware Reset	Reset
RU1 Software Reset	Reset
RU1 Hardware Reset	Reset
RU3 Software Reset	Reset
RU3 Hardware Reset	Reset
RU4 Software Reset	Reset
RU4 Hardware Reset	Reset
RU9 Software Reset	Reset
RU9 Hardware Reset	Reset
RU13 Software Reset	Reset
RU13 Hardware Reset	Reset
RU17 Software Reset	Reset
RU17 Hardware Reset	Reset

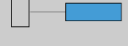
© CORNING all right reserved

Figure 168. DEU25G Function Reset

CORNING EVERON™ 6000 SOLUTIONS admin



DEU ID: 1
 Equipment Mode: 10G
 Equipment Model: DEU-G2
 Equipment SN: 072245700F
 Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38
 Hardware Version: 1
 Site Info: NA



Reset
Trigger Switch
Firmware
Alarm Setting
Import & Export
Log

Dashboard
 DEU
 RU
Function
 User
 Notification

Item	Action
Restore Factory Settings	Reset
Clear History Alarm	Clear
DEU Software Reset	Reset
DEU Hardware Reset	Reset

© CORNING all right reserved

Figure 169. DEU 10 G Function Reset

5.3.2.3 Trigger Switch

Click DEU->Function->Trigger Switch.

CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 2
Equipment Mode: 25G
Equipment Model: DEU-G2-25G
Equipment SN: D430-DEU-B04
Firmware Version: 23.4.2.11_Everon_6000_DEU_P2.V01.00.03.87
Hardware Version: 1
Site Info: DEU222222222222

Device Info | Reset | **Trigger Switch** | Firmware | Alarm Setting | Import & Export | Log

Item	Action
DEU Identify	Test
RU1 Identify	Test
RU3 Identify	Test
RU4 Identify	Test
RU9 Identify	Test
RU13 Identify	Test
RU17 Identify	Test
RU21 Identify	Test

© CORNING all right reserved

Figure 170.DEU 25G—Function--Trigger Switch

CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 1
Equipment Mode: 10G
Equipment Model: DEU-G2
Equipment SN: 072245700F
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38
Hardware Version: 1
Site Info: NA

Device Info | Reset | **Trigger Switch** | Firmware | Alarm Setting | Import & Export | Log

Item	Action
DEU Identify	Test

© CORNING all right reserved

Figure 171.DEU 10 G—Function--Trigger Switch

5.3.2.4 Firmware

Click Function Firmware and the firmware info can be viewed and upgraded.

DEU ID: 2
 Equipment Mode: 25G
 Equipment Model: DEU-G2-25G
 Equipment SN: D430-DEU-804
 Firmware Version: 23.4.2.11_Everon_6000_DEU_P2.V01.00.03.87
 Hardware Version: 1
 Site Info: DEU222222222222

DEU Firmware Info

More	Name	Firmware Version	Boot Version	FPGA Version	Firmware Version Date	Boot Date	FPGA Date
>	Active	23.4.2.11_Everon_6000_DEU_P2.V01.00.03.87	23.4.2.11_Everon_6000_DEU_P2.V01.00.00.10	23.4.2.11_Everon_6000_DEU_P2.V01.00.03.10	11/15/2023	09/08/2023	10/31/2023
>	InActive	23.4.1.11_Everon_6000_DEU_P2.V01.00.03.76	23.4.1.11_Everon_6000_DEU_P2.V01.00.00.10	23.4.1.11_Everon_6000_DEU_P2.V01.00.03.08	09/08/2023	09/08/2023	06/29/2023

RU Firmware Info

Name	Value
RU 1 Version	23.4.2.11_Everon_6000_DMRLU_P2.V01.00.03.55
RU 3 Version	23.4.2.11_Everon_6000_DLRUH_P2.V01.00.04.94
RU 4 Version	23.4.2.11_Everon_6000_DLRUH_P2.V01.00.04.94
RU 9 Version	23.4.2.11_Everon_6000_DMRLU_P2.V02.00.00.50
RU 13 Version	23.4.2.11_Everon_6000_DMRLU_P2.V01.00.03.55
RU 17 Version	23.4.2.11_Everon_6000_DMRLU_P2.V02.00.00.50
RU 21 Version	23.4.2.11_Everon_6000_DMRLU_P2.V02.00.00.50

DEU & RU Firmware Upgrade

Centralized Upgrade Switch	Progress	File
OFF	0%	

[Upgrade](#)

Figure 172. DEU 25G Function Firmware

DEU ID: 1
 Equipment Mode: 10G
 Equipment Model: DEU-G2
 Equipment SN: 072245700F
 Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38
 Hardware Version: 1
 Site Info: NA

DEU Firmware Info

More	Name	Firmware Version	Boot Version
>	Active	23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38	23.4.1.11_Everon_6000_DEU_P2.V01.00.00.10
>	InActive	Everon_6000_DEU_P2.V01.00.03.87	Everon_6000_DEU_P2.V01.00.00.10

Centralized Upgrade Switch: ON

Blacklist Switch: ON

Figure 173. DEU 10G Function Firmware

5.3.2.5 Alarm Setting

Click Function Alarm Setting to set the DEU alarm detect duration.

The screenshot shows the web interface for a DEU25G device. The top bar displays 'CORNING EVERON™ 6000 SOLUTIONS' and 'admin'. The main content area includes a device image, a list of device specifications, and a navigation menu. The 'Alarm Setting' tab is selected, showing a table with the following data:

Name	Value
Alarm Detect Duration(10s)	0x10s

© CORNING all right reserved

Figure 174. DEU25G Function Alarm Setting

The screenshot shows the web interface for a DEU10G device. The top bar displays 'CORNING EVERON™ 6000 SOLUTIONS' and 'admin'. The main content area includes a device image, a list of device specifications, and a navigation menu. The 'Alarm Setting' tab is selected, showing a table with the following data:

Name	Value
Alarm Detect Duration(10s)	0x10s

Figure 175. DEU10G Function Alarm Setting

5.3.2.6 Import & Export

Import and export the DEU configuration by clicking Function Import & Export.

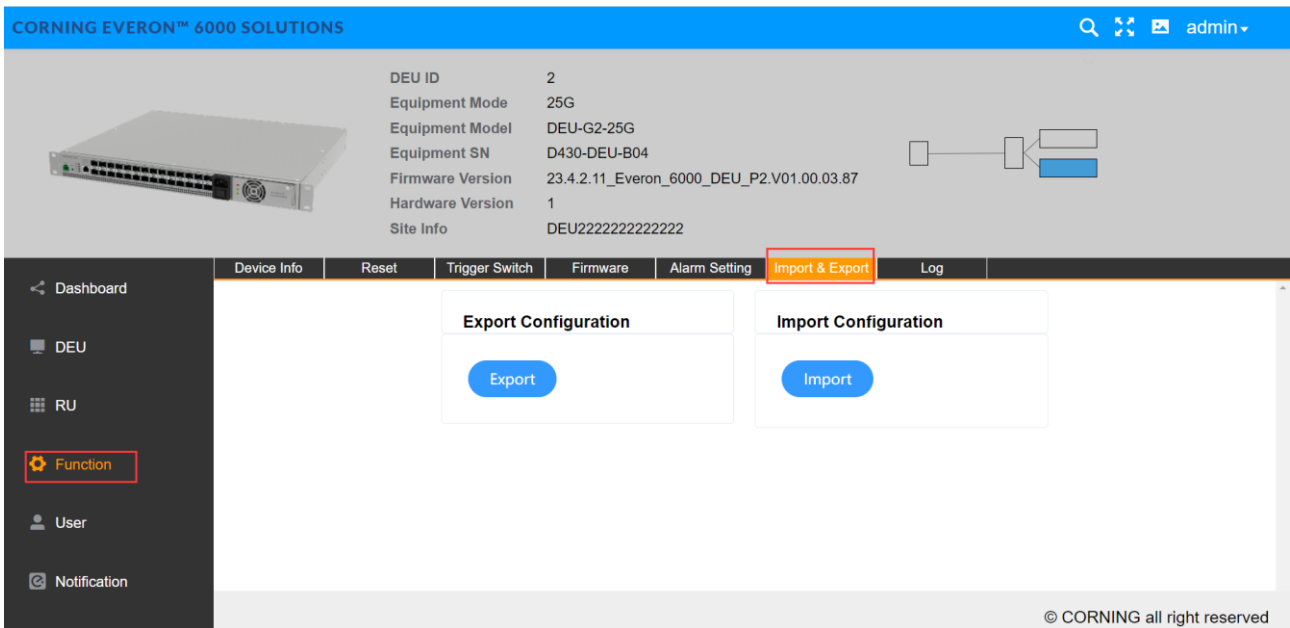


Figure 176.DEU25G Function Import & Export

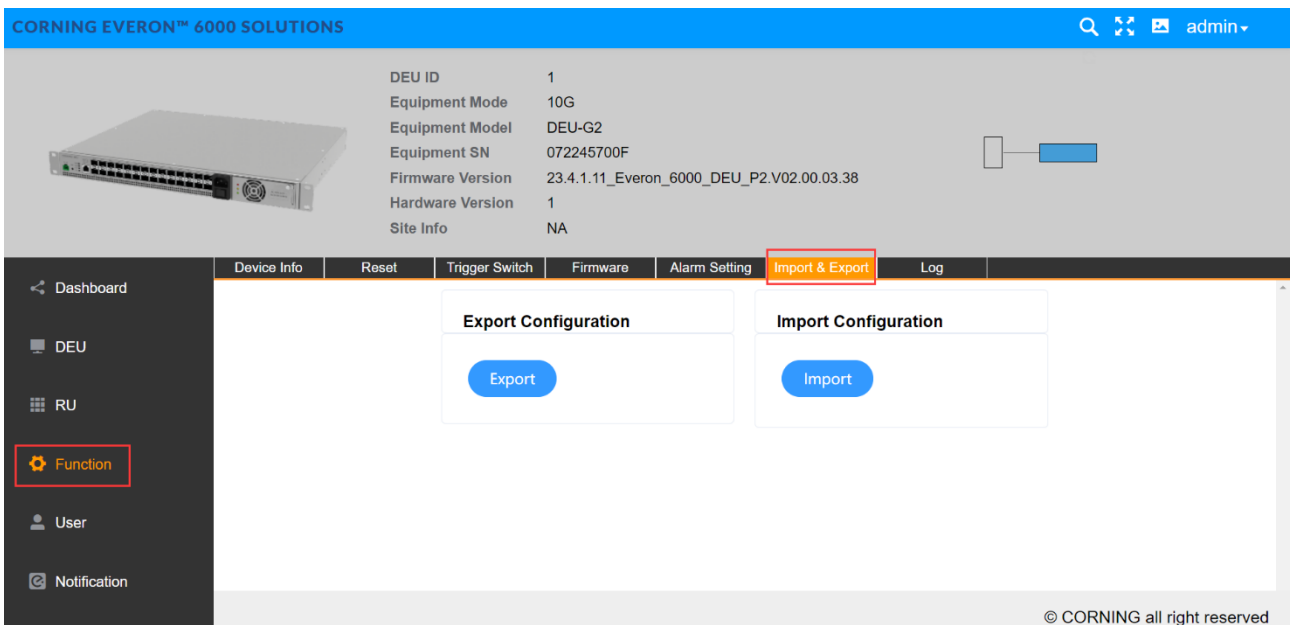


Figure 177.DEU 10 G Function Import & Export

5.3.2.7 Log

Click Function Log to export the log of DEU for problem analysis.

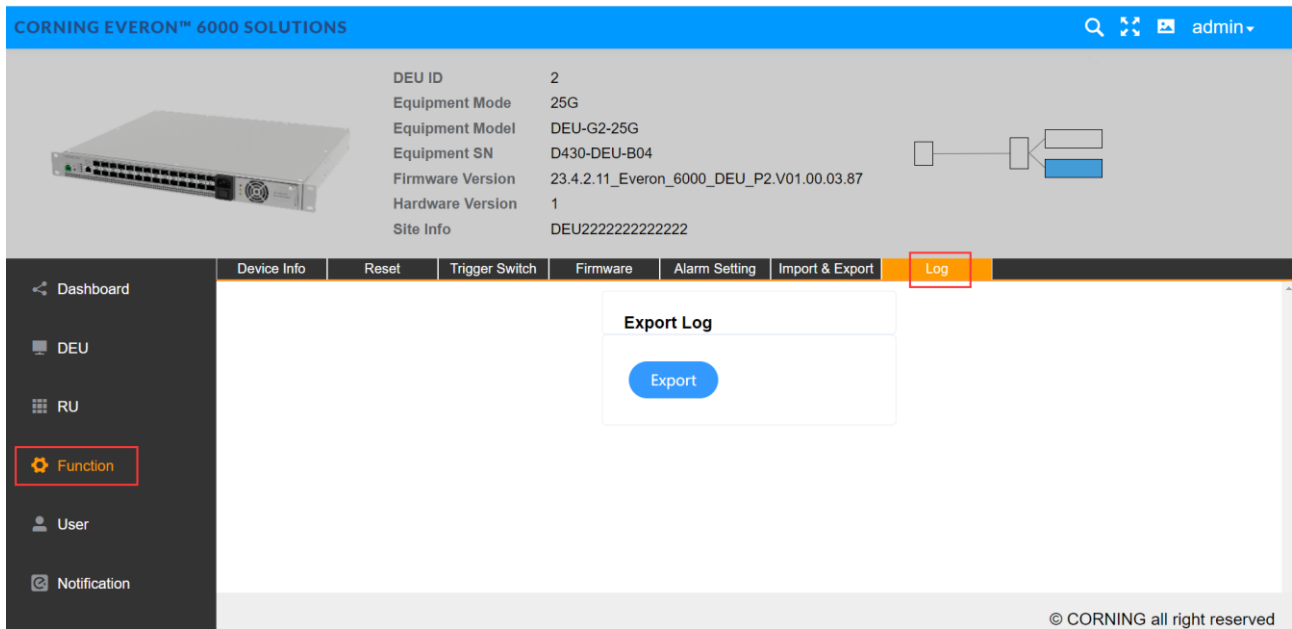


Figure 178.DEU 25G Function Log

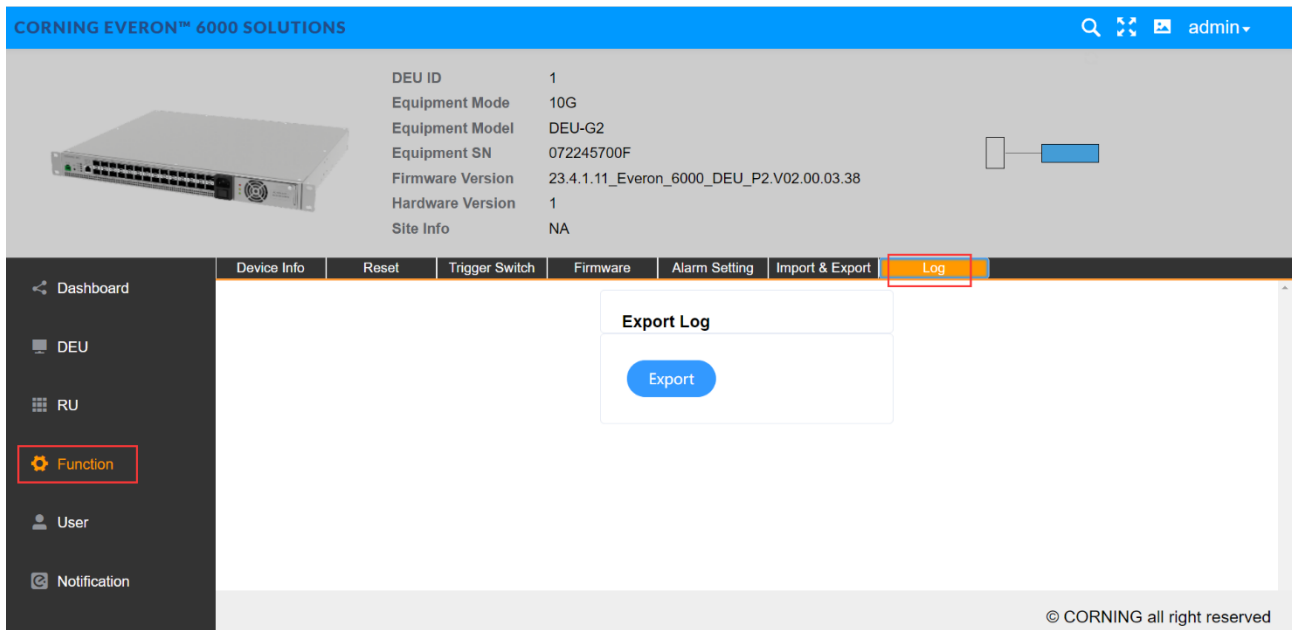


Figure 179.DEU 10G Function Log

5.3.3 DEU -> User Info

5.3.3.1 Password

Click User->Password to reset DEU password.

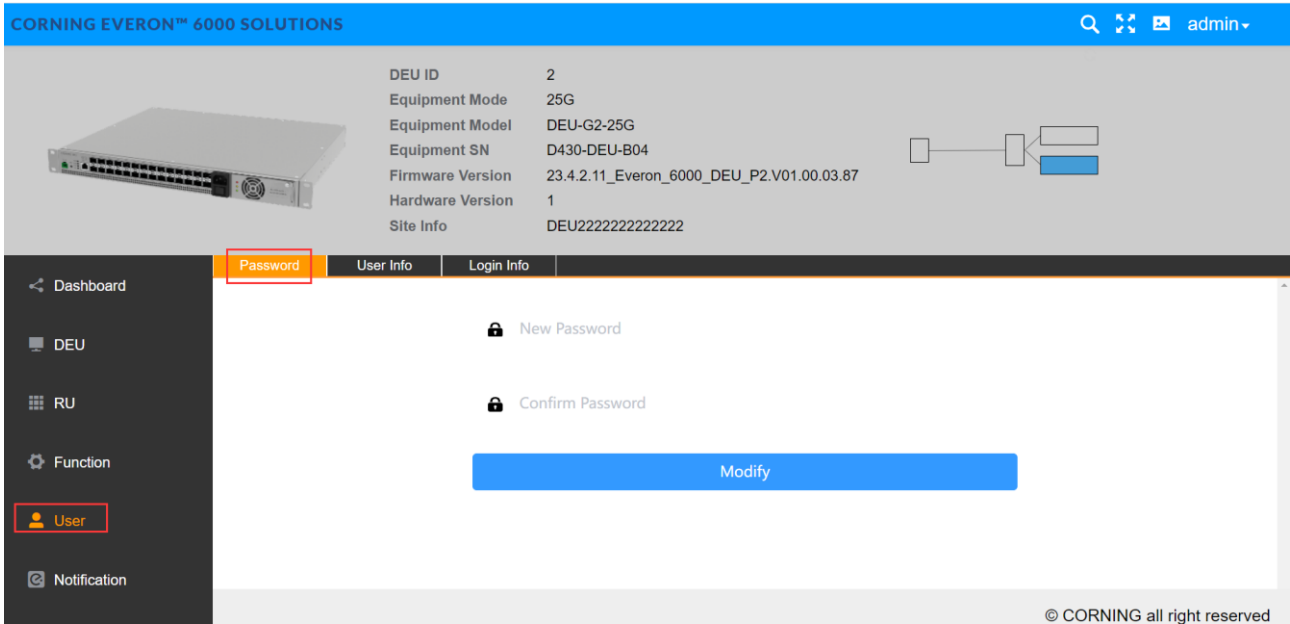


Figure 180. DEU25G User Password

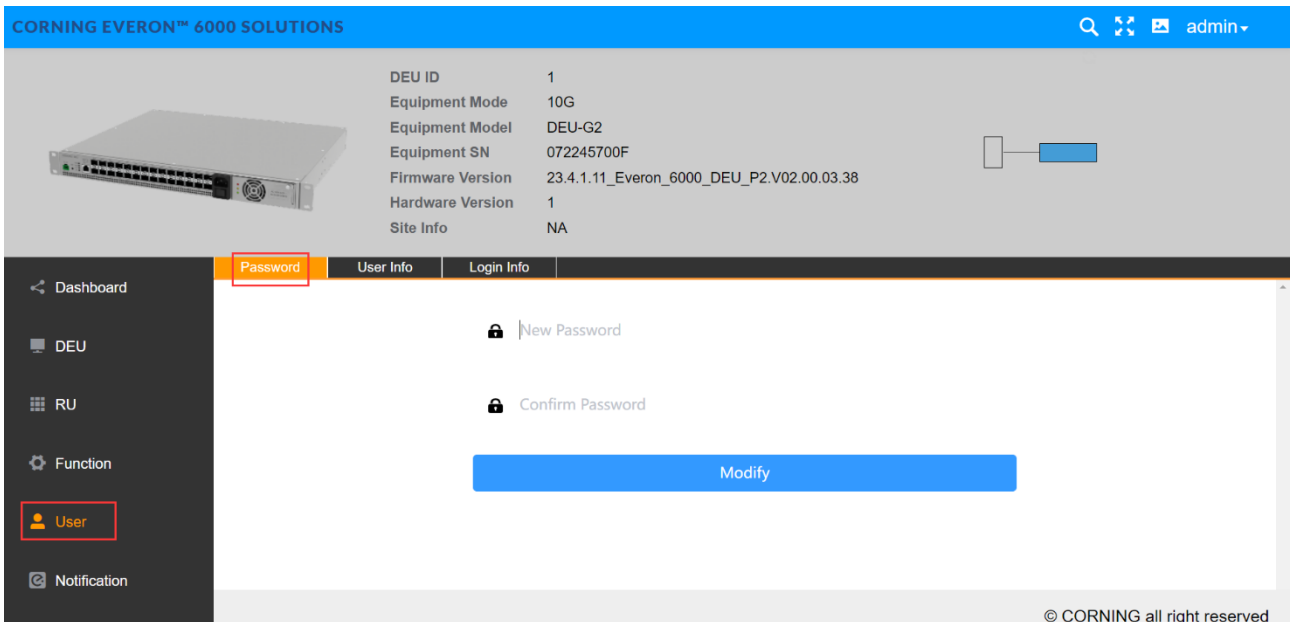


Figure 181. DEU 10 G User Password

5.3.3.2 User Info

Click User->User Info to add a user to set the role and password.

The screenshot shows the 'User Info' page for a DEU25G device. The top navigation bar includes 'CORNING EVERON™ 6000 SOLUTIONS' and a user profile 'admin'. The main content area displays device specifications: DEU ID 2, Equipment Mode 25G, Equipment Model DEU-G2-25G, Equipment SN D430-DEU-B04, Firmware Version 23.4.2.11_Everon_6000_DEU_P2.V01.00.03.87, Hardware Version 1, and Site Info DEU222222222222. A sidebar on the left contains navigation options: Dashboard, DEU, RU, Function, User (highlighted), and Notification. Below the device details, there are tabs for 'Password', 'User Info' (selected), and 'Login Info'. A table lists the 'admin' user with a 'Reset' button in the 'Operation' column. An 'Add User' button is located below the table. The footer contains the copyright notice '© CORNING all right reserved'.

User Name	Role	Status	Operation
admin	admin		Reset

Figure 182.DEU25G User User Info

The screenshot shows the 'User Info' page for a DEU 10G device. The top navigation bar includes 'CORNING EVERON™ 6000 SOLUTIONS' and a user profile 'admin'. The main content area displays device specifications: DEU ID 1, Equipment Mode 10G, Equipment Model DEU-G2, Equipment SN 072245700F, Firmware Version 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38, Hardware Version 1, and Site Info NA. A sidebar on the left contains navigation options: Dashboard, DEU, RU, Function, User (highlighted), and Notification. Below the device details, there are tabs for 'Password', 'User Info' (selected), and 'Login Info'. A table lists the 'admin' user with a 'Reset' button in the 'Operation' column. An 'Add User' button is located below the table. The footer contains the copyright notice '© CORNING all right reserved'.

User Name	Role	Status	Operation
admin	admin		Reset

Figure 183.DEU 10G User User Info

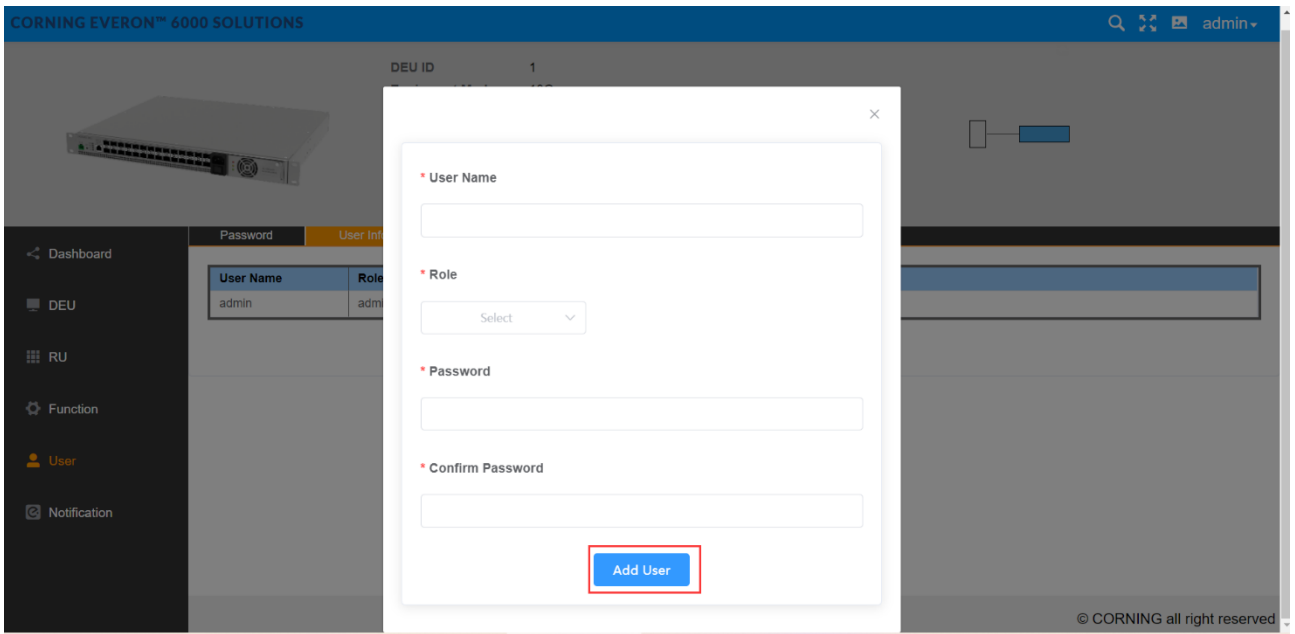


Figure 184.DEU10G/25G User User Info Add User

5.3.3.3 Login Info

Click User->Login Info to set the max value of entering the password.

The screenshot shows the web interface for a DEU25G device. The top navigation bar includes 'CORNING EVERON™ 6000 SOLUTIONS', search, refresh, and user 'admin'. The main content area displays device details: DEU ID: 2, Equipment Mode: 25G, Equipment Model: DEU-G2-25G, Equipment SN: D430-DEU-B04, Firmware Version: 23.4.2.11_Everon_6000_DEU_P2.V01.00.03.87, Hardware Version: 1, and Site Info: DEU22222222222222. A sidebar on the left contains navigation options: Dashboard, DEU, RU, Function, User (highlighted), and Notification. The 'Login Info' tab is active, showing a table with one row: 'Maximum Failed Login' with a value of 5 and an 'Edit' button. The footer contains '© CORNING all right reserved'.

Item	Value	Operation
Maximum Failed Login	5	Edit

Figure 185. DEU25G User Login Info


The screenshot shows the web interface for a DEU 10 G device. The top navigation bar includes 'CORNING EVERON™ 6000 SOLUTIONS', search, refresh, and user 'admin'. The main content area displays device details: DEU ID: 1, Equipment Mode: 10G, Equipment Model: DEU-G2, Equipment SN: 072245700F, Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38, Hardware Version: 1, and Site Info: NA. A sidebar on the left contains navigation options: Dashboard, DEU, RU, Function, User (highlighted), and Notification. The 'Login Info' tab is active, showing a table with one row: 'Maximum Failed Login' with a value of 5 and an 'Edit' button. The footer contains '© CORNING all right reserved'.

Item	Value	Operation
Maximum Failed Login	5	Edit


Figure 186. DEU 10 G User Login Info

5.3.3.4 Notification

CORNING EVERON™ 6000 SOLUTIONS admin



DEU ID: 2
 Equipment Mode: 25G
 Equipment Model: DEU-G2-25G
 Equipment SN: D430-DEU-B04
 Firmware Version: 23.4.2.11_Everon_6000_DEU_P2.V01.00.03.87
 Hardware Version: 1
 Site Info: DEU222222222222



Notification


Type	Active Firmware Version	Non-Supported Firmware Version
DEU	Everon_6000_DEU_P2.V01.00.03.56	Everon_6000_DEU_P2.V01.00.02.01 Everon_6000_DEU_P2.V01.00.02.05 Everon_6000_DEU_P2.V01.00.02.40 Everon_6000_DEU_P2.V01.00.02.53
DLRU-3.5	Everon_6000_DLRUH_P2.V01.00.03.01	Everon_6000_DLRUH_P2.V01.00.02.07 Everon_6000_DLRUH_P2.V01.00.02.10 Everon_6000_DLRUH_P2.V01.00.03.17 Everon_6000_DLRUH_P2.V01.00.03.29 Everon_6000_DLRUH_P2.V01.00.03.41
DMRU-3.5	Everon_6000_DMRUH_P2.V01.00.03.01	Everon_6000_DMRUH_P2.V01.00.01.18 Everon_6000_DMRUH_P2.V01.00.02.05 Everon_6000_DMRUH_P2.V01.00.02.09 Everon_6000_DMRUH_P2.V01.00.02.11

Note: The active firmware can not upgrade/downgrade to the non-supported firmware version


© CORNING all right reserved

Figure 187. DEU 25G Notification

CORNING EVERON™ 6000 SOLUTIONS admin



DEU ID: 1
 Equipment Mode: 10G
 Equipment Model: DEU-G2
 Equipment SN: 072245700F
 Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38
 Hardware Version: 1
 Site Info: NA



Notification

Type	Active Firmware Version	Non-Supported Firmware Version
DLRU-L	Everon_6000_DLRUL_P2.V02.00.02.02	Everon_6000_DLRUL_P2.V01.*.*
DLRU-M	Everon_6000_DLRUM_P2.V02.00.02.04	Everon_6000_DLRUM_P2.V01.*.*

Note: The active firmware can not upgrade/downgrade to the non-supported firmware version

Figure 188. DEU 10 G Notification

5.4 dMRU Config

5.4.1 RU -> Overview & Alarm

Click RU to enter the Overview interface and view the current status of RU alarms (e.g., Link Alarm).

The screenshot shows the 'CORNING EVERON™ 6000 SOLUTIONS' interface. At the top, there is a search bar and a user profile 'admin'. Below this, the 'DEU ID' is 10 and the 'RU Number' is 7. A network diagram is visible on the right. The main content area is titled 'Overview' and contains a table of RU information. The left sidebar has a 'RU' menu item highlighted with a red box.

More	RU ID	Equipment Alarm	Equipment Model	Equipment SN	Firmware Version
>	1	●	dLRU-G2-35	SNDLRU221109010	23.4.1.11_Everon_6000_DLRUH_P2.V01.00.04.92
>	3	●	dMRU-G2-35	dmru1-123456789	23.4.1.11_Everon_6000_DMRUH_P2.V01.00.03.51
>	5	●	dMRU-G2-25	18	23.4.1.11_Everon_6000_DMRUH_P2.V01.00.03.51
>	9	●	dLRU-G2-25	0	23.4.1.11_Everon_6000_DLRUH_P2.V01.00.04.92
>	13	●	dMRU-G2-2325	0	23.4.1.11_Everon_6000_DMRUF_P2.V02.00.00.46
>	19	●	dMRU-G2-678	F1F2F3F4F51234567890	23.4.1.11_Everon_6000_DMRUF_P2.V02.00.00.46
>	23	●	dMRU-G2-1719	072250FF02	23.4.1.11_Everon_6000_DMRUF_P2.V02.00.00.46

Figure 189.DEU RU Overview

Each alarm is defined as follows:

- Link Alarm
- Digital HW ALM
- Temperature Alarm
- Low Transmission Alarm
- Overflow Alarm
- DC Voltage Lower Alarm
- Over Consumption Alarm
- Firmware Mismatch Alarm

Drag the scroll bar to view more information (e.g., Low Transmission Alarm) as shown in Figure 190.

CORNING EVERON™ 6000 SOLUTIONS admin

DEU ID 10
RU Number 7

Overview | RU1 | RU3 | RU5 | RU9 | RU13 | RU19 | RU23

Batch

More	RU ID	Equipment Alarm	Equipment Model	Equipment SN	Firmware Version	Site Info	Temperature	DC Voltage
>	1	●	dLRU-G2-35	SNDLRU221109010	23.4.1.11_Everon_6000_DLRUH_P2.V01.00.04.92	0	53°C	56.7V
▼	3	●	dMRU-G2-35	dmrU1-123456789	23.4.1.11_Everon_6000_DMRUH_P2.V01.00.03.51	0	48°C	48.2V

Name	Value
Power Consumption	60W
Power Saving	OFF
Link Alarm	●
Digital HW Alarm	●
Temperature Alarm	●
Low Transmission Alarm	●
Overflow Alarm	●
DC Voltage Lower Alarm	●
Over Power Consumption Alarm	●
Firmware Mismatch Alarm	●

Figure 190.RU Overview More

5.4.2 dMRU Parameter config

5.4.2.1 RF Info


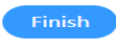
Click RF Info to read various RF information of RU.

More	CH	Band	RF Switch	Rating Power	DL Pwr_out	UL Pwr_In	DL ATTN	UL ATTN	Work Mode	AGC Value	DL VSWR	DL VSWR Alarm	Antenna Se
>	1	LowC	ON	37dBm	<-9.0dBm	-73.0dBm	0dB	0dB	Normal	0dB	1.1	ON	
>	2	LowC	ON	37dBm	<-9.0dBm	-72.0dBm	0dB	0dB	Normal	0dB	1.1	ON	
>	3	HighC	ON	37dBm	<-9.0dBm	-83.7dBm	0dB	0dB	Normal	0dB	1.1	ON	
>	4	HighC	ON	37dBm	<-9.0dBm	-81.9dBm	0dB	0dB	Normal	0dB	1.1	ON	

Figure 191. RF Info

SN	RU parameter	Range	Default values	Remark
1	RF Switch	ON/OFF	ON	
2	DL ATTN	(0~20) dB	10 dB	0dB (max power)
3	UL ATTN	(0~20) dB	10 dB	0dB (max power)
4	Work Mode	Normal DL force uplink UL force uplink	Normal	
5	Delay adjust mode	Auto/Manual	Auto	
6	Manual Delay Adjust Value	0~50000ns	Ons	
7	Fan Switch	ON/OFF	OFF	
8	DL VSWR THR	1.5/2.0/2.5	1.5	

➤ To configure the RF info

1. Click RU RU 3 to enter the info page.
2. Click the icon  in each field.
3. Select one from the drop-down options (In the Band of example below, N3500F is selected).
4. For UL ATTN, DL ATTN, enter values with the range according to the parameters form above.
5. For RF Switch, DL VSWR Alarm, Antenna Sense Alarm and PA Alarm, select ON/OFF and Enable /Disable button.
6. Click Finish  to complete the settings.

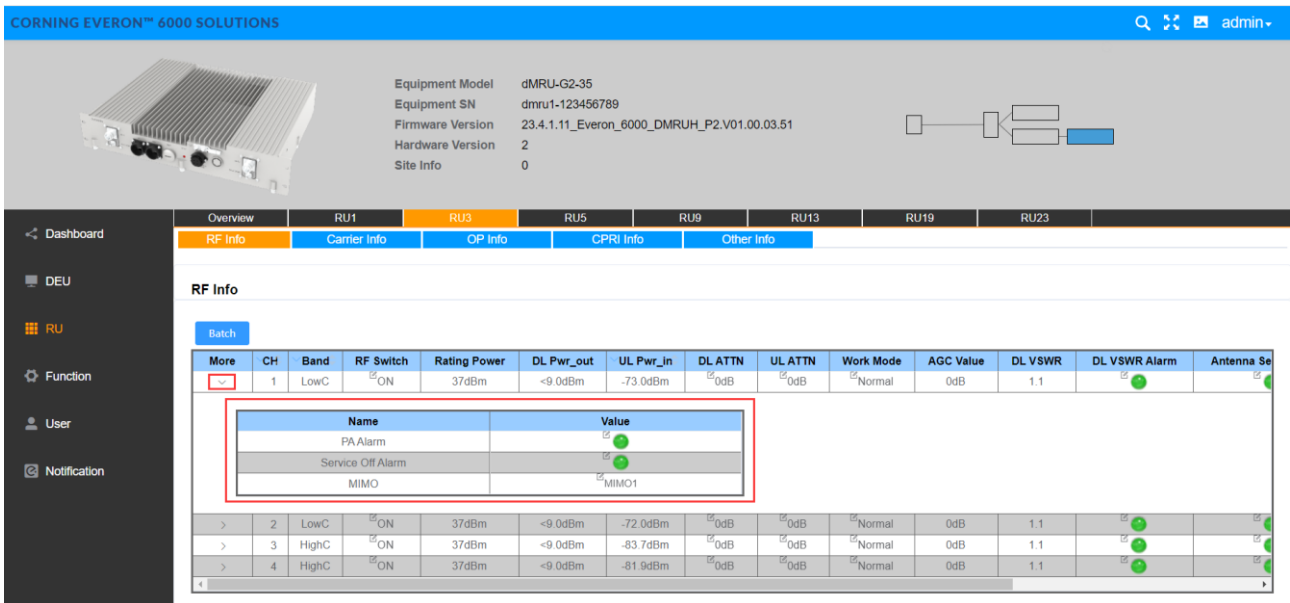


Figure 192. RF info More

5.4.2.2 Carrier Info

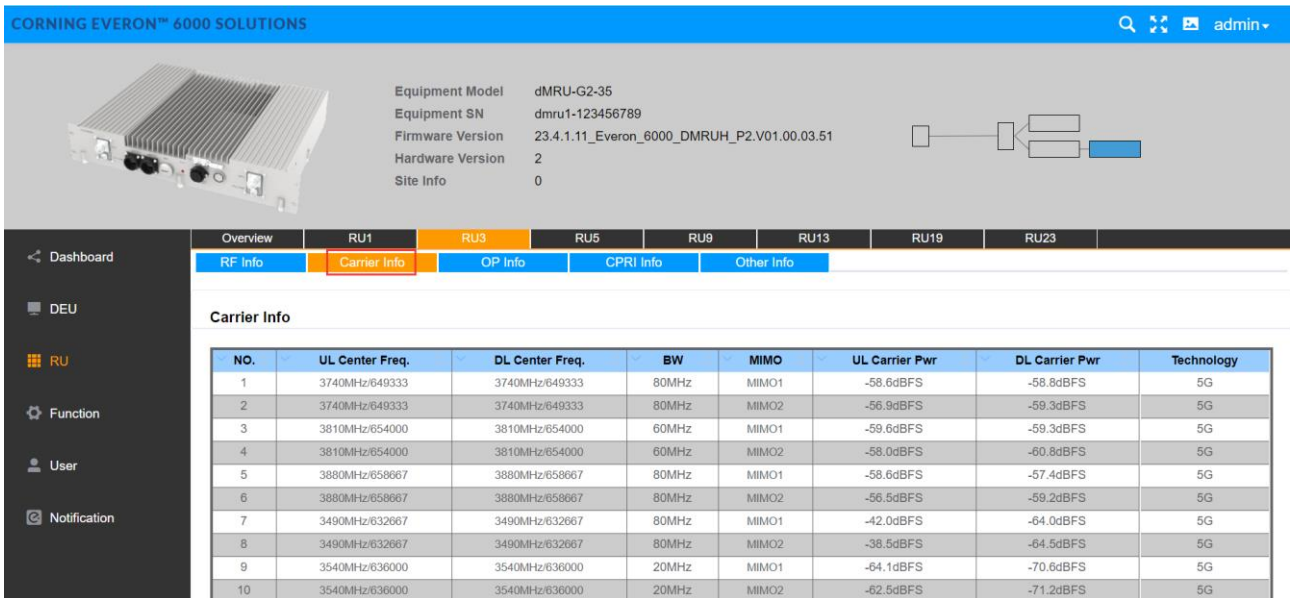


Figure 193. RU Carrier Info

5.4.2.3 OP Info

The OP Info list box displays the current optical port connection status and information reading volume of the device.

Equipment Model: dMRU-G2-35
 Equipment SN: dmr1-123456789
 Firmware Version: 23.4.1.11_Everon_6000_DMRUH_P2.V01.00.03.51
 Hardware Version: 2
 Site Info: 0

Navigation: Overview, RU1, **RU3**, RU5, RU9, RU13, RU19, RU23

Sub-Menu: RF Info, Carrier Info, **OP Info**, CPRI Info, Other Info

OP Info

Batch

More	OP	Temperature	Tx Power	Rx Power	Fiber Loss	Tx Alarm	Rx Alarm	Temperature Alarm	Sync Alarm	Manu
>	1	46°C	-0.77dBm	-2.35dBm	2.19dB	🟢	🟢	🟢	🟢	
>	2	45°C	-1.32dBm	-0.81dBm	0dB	🟢	🟢	🟢	🟢	

Figure 194. RU OP Info

Equipment Model: dMRU-G2-35
 Equipment SN: dmr1-123456789
 Firmware Version: 23.4.1.11_Everon_6000_DMRUH_P2.V01.00.03.51
 Hardware Version: 2
 Site Info: 0

Navigation: Overview, RU1, **RU3**, RU5, RU9, RU13, RU19, RU23

Sub-Menu: RF Info, Carrier Info, **OP Info**, CPRI Info, Other Info

OP Info

Batch

More	OP	Temperature	Tx Power	Rx Power	Fiber Loss	Tx Alarm	Rx Alarm	Temperature Alarm	Sync Alarm	Manufacturer Alarm	PN	SN	Manuf
∨	1	46°C	-0.77dBm	-2.35dBm	2.19dB	🟢	🟢	🟢	🟢	🟢	SFP-25G-215-10K	W11222800252	FF

Name	Value
PN	SFP-25G-215-10K
SN	W11222800252
Manufacturer	FFF
Wavelength	1330nm
Transmission Rate	25.5Gbps
Production Date	220709
Revision	2.1
Delay Adjust Mode	🟢 Auto
Manual Delay Adjust Value	🟢 0ns
Local Delay Value	12356ns
Auto Delay Adjust Value	5810ns

Figure 195. RU OP Info More

5.4.2.4 CPRI Info

CORNING EVERON™ 6000 SOLUTIONS admin

Equipment Model: dMRU-G2-35
 Equipment SN: dmru1-123456789
 Firmware Version: 23.4.1.11_Everon_6000_DMRUH_P2.V01.00.03.51
 Hardware Version: 2
 Site Info: 0

Carrier Num:	10/15/20MHz:	30/40/50MHz:	60/70/80/90/100MHz:	150/200MHz:
0/32	0/32	0/12	0/12	0/2

Figure 196. RU—CPRI Info

5.4.2.5 Other Info

CORNING EVERON™ 6000 SOLUTIONS admin

Equipment Model: dMRU-G2-35
 Equipment SN: dmru1-123456789
 Firmware Version: 23.4.1.11_Everon_6000_DMRUH_P2.V01.00.03.51
 Hardware Version: 2
 Site Info: 0

Name	Value
Fan Switch	OFF
Fan Alarm 1	ON
Fan Alarm 2	ON
Fan Alarm 3	ON
DL VSWR THR	2.0

Figure 197. RU Other info

5.5 dLRU Config

5.5.1 RU -> Overview & Alarm

Click RU to enter the Overview interface and view the current status of RU alarms (e.g., Link Alarm).

CORNING EVERON™ 6000 SOLUTIONS

DEU ID 11
RU Number 3

Overview | RU1 | RU5 | RU7

Batch

More	RU ID	Equipment Alarm	Equipment Model	Equipment SN	Firmware Version	Site Info	Temperature	Power Saving	700L Uplink	Link Alarm
>	1	●	dLRU-G2-17192325	072104020C	23.4.1.11_Everon_6000_DLRUM_P2.V02.00.04.06	0	44°C	OFF	N/A	●
>	5	●	dLRU-G2-678	07211311CB	23.4.1.11_Everon_6000_DLRUL_P2.V02.00.04.03	0	45°C	OFF	N/A	●
>	7	●	dHRU-G2-19	20180427	23.4.1.11_Everon_6000_DHRUF_P2.V01.00.01.68	0	52°C	OFF	N/A	●

Figure 198. RU Overview

Each alarm is defined as follows:

- Link Alarm
- Digital HW ALM
- Temperature Alarm
- Low Transmission Alarm
- Overflow Alarm
- DC Voltage Lower Alarm
- Over Power Consumption Alarm
- Firmware Mismatch Alarm

Drag the scroll bar to view more information (e.g., Temperature) .

CORNING EVERON™ 6000 SOLUTIONS

DEU ID 11
RU Number 3

Overview | RU1 | RU5 | RU7

Batch

More	RU ID	Equipment Alarm	Equipment Model	Equipment SN	Firmware Version	Site Info	Temperature	Power Saving	700L Uplink	Link Alarm												
>	1	●	dLRU-G2-17192325	072104020C	23.4.1.11_Everon_6000_DLRUM_P2.V02.00.04.06	0	44°C	OFF	N/A	●												
<table border="1"> <thead> <tr> <th>Name</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Digital HW Alarm</td> <td>ON ●</td> </tr> <tr> <td>Temperature Alarm</td> <td>ON ●</td> </tr> <tr> <td>Low Transmission Alarm</td> <td>ON ●</td> </tr> <tr> <td>Overflow Alarm</td> <td>ON ●</td> </tr> <tr> <td>Firmware Mismatch Alarm</td> <td>ON ●</td> </tr> </tbody> </table>											Name	Value	Digital HW Alarm	ON ●	Temperature Alarm	ON ●	Low Transmission Alarm	ON ●	Overflow Alarm	ON ●	Firmware Mismatch Alarm	ON ●
Name	Value																					
Digital HW Alarm	ON ●																					
Temperature Alarm	ON ●																					
Low Transmission Alarm	ON ●																					
Overflow Alarm	ON ●																					
Firmware Mismatch Alarm	ON ●																					
>	5	●	dLRU-G2-678	07211311CB	23.4.1.11_Everon_6000_DLRUL_P2.V02.00.04.03	0	45°C	OFF	N/A	●												
>	7	●	dHRU-G2-19	20180427	23.4.1.11_Everon_6000_DHRUF_P2.V01.00.01.68	0	52°C	OFF	N/A	●												

Figure 199. RU Overview More

5.5.2 dLRU Parameter config

5.5.2.1 RF info

The screenshot shows the 'RF Info' section for RU1. The table below represents the data displayed in the interface:

CH	Band	RF Switch	Rating Power	DL Pwr_out	UL Pwr_in	DL ATTN	UL ATTN	Work Mode	AGC Value	Service Off Alarm	MIMO
1	PCS	ON	20dBm	<-8.0dBm	-69.2dBm	0dB	0dB	N/A	0dB	ON	MIMO1
2	PCS	ON	20dBm	<-8.0dBm	-81.3dBm	0dB	0dB	N/A	0dB	ON	MIMO2
3	EAWS	ON	20dBm	<-8.0dBm	-87.0dBm	0dB	0dB	N/A	0dB	ON	MIMO1
4	EAWS	ON	20dBm	<-8.0dBm	-87.0dBm	0dB	0dB	N/A	0dB	ON	MIMO2
5	WCS	ON	18dBm	<-10.0dBm	<-93.0dBm	0dB	0dB	N/A	0dB	ON	MIMO1
6	WCS	ON	18dBm	<-10.0dBm	-92.5dBm	0dB	0dB	N/A	0dB	ON	MIMO2
7	2500	ON	20dBm	<-8.0dBm	-81.0dBm	0dB	0dB	Normal	0dB	ON	MIMO1
8	2500	ON	20dBm	<-8.0dBm	-81.3dBm	0dB	0dB	Normal	0dB	ON	MIMO2

Figure 200.RF Info

Click RU RU1 to read various RF information of RU, as shown in Figure 201.

SN	Parameter	Range	Recommend value
1	RF Switch	ON/OFF	ON
2	DL ATTN	(0~20)	10
3	UL ATTN	(0~20)	10
4	Work Mode	Normal DL force uplink UL force uplink	Normal
5	Service off alarm	Disable Enable	Enable
6	MIMO	MIMO 1 MIMO 2	

Figure 201. RF info

5.5.2.2 Carrier info

Equipment Model: dLRU-G2-17192325
 Equipment SN: 072104020C
 Firmware Version: 23.4.1.11_Everon_6000_DLRUM_P2.V02.00.04.06
 Hardware Version: 3
 Site Info: 0

NO.	UL Center Freq.	DL Center Freq.	BW	MIMO	UL Carrier Pwr	DL Carrier Pwr	Technology
1	1707.5MHz/133097	2125MHz/150	20MHz	MIMO1	-65.9dBFS	-11.3dBFS	4G
2	1707.5MHz/133097	2125MHz/150	20MHz	MIMO2	-67.2dBFS	-11.6dBFS	4G
3	1722.5MHz/19325	2140MHz/300	10MHz	MIMO1	-69.0dBFS	-61.2dBFS	4G
4	1722.5MHz/19325	2140MHz/300	10MHz	MIMO2	-72.0dBFS	-61.2dBFS	4G
5	1737.5MHz/19475	2155MHz/450	20MHz	MIMO1	-67.2dBFS	-65.9dBFS	4G

Figure 202.RU Carrier Info

5.5.2.3 OP info

The OP Info list box displays the current optical port connection status and information reading volume of the device.

Equipment Model: dLRU-G2-17192325
 Equipment SN: 072104020C
 Firmware Version: 23.4.1.11_Everon_6000_DLRUM_P2.V02.00.04.06
 Hardware Version: 3
 Site Info: 0

More	OP	Temperature	Tx Power	Rx Power	Fiber Loss	Tx Alarm	Rx Alarm	Temperature Alarm	Sync Alarm	Manufacturer Alarm	PN
>	1	53°C	-2.55dBm	-3.41dBm	0.79dB	🟢	🟢	🟢	🟢	🟢	FTLX2072D333
>	2	50°C	-2.98dBm	-6.21dBm	2.88dB	🟢	🟢	🟢	🟢	🟢	FTLX2072D333
>	3	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢	🟢	N/A

Figure 203.RU OP Info

CORNING EVERON™ 6000 SOLUTIONS

Equipment Model: dLRU-G2-17192325
 Equipment SN: 072104020C
 Firmware Version: 23.4.1.11_Everon_6000_DLRUM_P2.V02.00.04.06
 Hardware Version: 3
 Site Info: 0

Overview | RU1 | RU5 | RU7

RF Info | Carrier Info | **OP Info** | CPRI Info

OP Info

Batch

More	OP	Temperature	Tx Power	Rx Power	Fiber Loss	Tx Alarm	Rx Alarm	Temperature Alarm	Sync Alarm	Manufacturer Alarm	PN	SN	Manufa
▼	1	53°C	-2.55dBm	-3.41dBm	0.79dB	🟢	🟢	🟢	🟢	🟢	FTLX2072D333	U64AQD7	FINISAR

Name	Value
PN	FTLX2072D333
SN	U64AQD7
Manufacturer	FINISAR CORP.
Wavelength	1331nm
Transmission Rate	10.3Gbps
Production Date	210723
Revision	A
Delay Adjust Mode	🟢 Auto
Manual Delay Adjust Value	🟢 0ns
Local Delay Value	16872ns
Auto Delay Adjust Value	1294ns

Figure 204. RU OP Info More

5.5.2.4 CPRI Info

CORNING EVERON™ 6000 SOLUTIONS

Equipment Model: dLRU-G2-17192325
 Equipment SN: 072104020C
 Firmware Version: 23.4.1.11_Everon_6000_DLRUM_P2.V02.00.04.06
 Hardware Version: 3
 Site Info: 0

Overview | RU1 | RU5 | RU7

RF Info | Carrier Info | OP Info | **CPRI Info**

Carrier Num: 22/46 5MHz: 2/16 10MHz: 6/16 15MHz: 2/8 20MHz: 8/24 30/40/50MHz: 0/2 60/70/80MHz: 2/2 60/70/80/90/100MHz: 2/2

Occupied BW: 395 MHz

CPRI1: Residual BW: 0 MHz

Occupied BW: 225 MHz

CPRI2: Residual BW: 170 MHz

Occupied BW: 0 MHz

CPRI3: Residual BW: 395 MHz

Figure 205. RU-CPRI Info

5.6 dHRU Config

5.6.1 RU -> Overview & Alarm

Click RU to enter the Overview interface and view the current status of RU alarms (e.g., Link Alarm).

The screenshot shows the 'Overview' page for a dHRU. At the top, it displays 'CORNING EVERON™ 6000 SOLUTIONS' and 'admin'. Below this, it shows 'DEU ID: 9' and 'RU Number: 3'. A navigation bar includes 'Overview', 'RU11', 'RU15', and 'RU19'. A table lists RU details with columns: More, RU ID, Equipment Alarm, Equipment Model, Equipment SN, Firmware Version, Site Info, Temperature, Power Saving, 700L Uplink, Link Alarm, Digital HW Alarm, and Temperature. The table contains three rows of data for different RUs.

More	RU ID	Equipment Alarm	Equipment Model	Equipment SN	Firmware Version	Site Info	Temperature	Power Saving	700L Uplink	Link Alarm	Digital HW Alarm	Temperature
>	11	●	dHRU-G2-19	20231013019	23.4.2.11_Everon_6000_DHRUF_P2.V01.aa.01.78	0	65°C	OFF	N/A	●	●	
>	15	●	dHRU-G2-6	201804270006	23.4.2.11_Everon_6000_DHRUF_P2.V01.aa.01.78	0	41°C	OFF	OFF	●	●	
>	19	●	dHRU-G2-17	201804270017	23.4.2.11_Everon_6000_DHRUF_P2.V01.aa.01.78	0	47°C	OFF	N/A	●	●	

Figure 206. RU—Overview

Each alarm is defined as follows:

- Link Alarm
- Digital HW ALM
- Temperature Alarm
- Low Transmission Alarm
- Overflow Alarm
- Firmware Mismatch Alarm

Drag the scroll bar to view more information (e.g., Low Transmission Alarm)..

This screenshot shows the same 'Overview' page as Figure 206, but with a detailed view of the alarm status for RU 11. A red box highlights a table with the following data:

Name	Value
Low Transmission Alarm	●
Overflow Alarm	●
Firmware Mismatch Alarm	●

The background table from Figure 206 is also visible, showing the overall status of the RUs.

Figure 207. RU-overview—More

5.6.1 dHRU Parameter config

5.6.1.1 RF info

Click RF Info to read various RF information of RU.

Figure 208. RF Info

SN	RU parameter	Range	Default values	Remark
1	RF Switch	ON/OFF	ON	
2	DL ATTN	(0~20) dB	10 dB	0dB (max power)
3	UL ATTN	(0~20) dB	10 dB	0dB (max power)
4	Work Mode	Normal DL force uplink UL force uplink	Normal	
5	Service Off Alarm	Enable/Disable	Enable	
6	MIMO	MIMO1/MIMO2	MIMO1	
6	Delay adjust mode	Auto/Manual	Auto	
7	Manual Delay Adjust Value	0~50000ns	0ns	
8	DL VSWR THR	1.5/2.0/2.5	2.0	

5.6.1.2 Carrier info

Equipment Model: dHRU-G2-19
 Equipment SN: 20231013019
 Firmware Version: 23.4.2.11_Everon_6000_DHRUF_P2.V01.aa.01.78
 Hardware Version: 0
 Site Info: 0

PCS: Carrier Num: 8/16, 5MHz: 0/16, 10MHz: 2/16, 15/20MHz: 6/16

NO.	UL Center Freq.	DL Center Freq.	BW	MIMO	UL Carrier Pwr	DL Carrier Pwr	Technology
11	1860MHz/18700	1952.5MHz/825	20MHz	MIMO1	-69.0dBFS	-68.0dBFS	4G
12	1860MHz/18700	1952.5MHz/825	20MHz	MIMO2	-70.4dBFS	-69.3dBFS	4G
13	1875MHz/18850	1967.5MHz/975	10MHz	MIMO1	-16.1dBFS	-14.8dBFS	4G
14	1875MHz/18850	1967.5MHz/975	10MHz	MIMO2	-70.3dBFS	-16.7dBFS	4G
15	1890MHz/19000	1982.5MHz/1125	20MHz	MIMO1	-67.2dBFS	-67.9dBFS	4G
16	1890MHz/19000	1982.5MHz/1125	20MHz	MIMO2	-70.4dBFS	-69.3dBFS	4G
17	1907.5MHz/19175	2000MHz/68386	15MHz	MIMO1	-74.2dBFS	-70.6dBFS	4G
18	1907.5MHz/19175	2000MHz/68386	15MHz	MIMO2	-74.1dBFS	-71.9dBFS	4G

Figure 209. Carrier Info

5.6.1.3 OP info

The OP Info list box displays the current optical port connection status and information reading volume of the device.

Equipment Model: dHRU-G2-19
 Equipment SN: 20231013019
 Firmware Version: 23.4.2.11_Everon_6000_DHRUF_P2.V01.aa.01.78
 Hardware Version: 0
 Site Info: 0

OP Info

More	OP	Temperature	Tx Power	Rx Power	Fiber Loss	Tx Alarm	Rx Alarm	Temperature Alarm	Sync Alarm	Manufacturer Alarm	PN
>	1	64°C	-3.51dBm	-2.73dBm	0dB	🟢	🟢	🟢	🟢	🟢	FTLX2072D327

Figure 210. OP Info

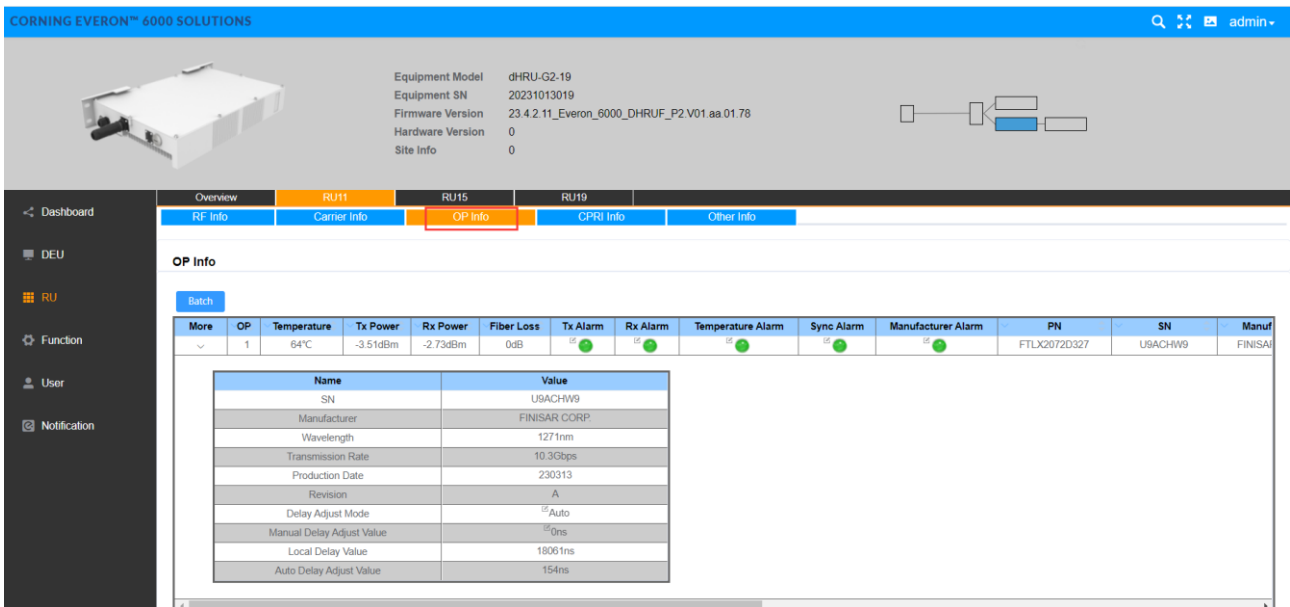


Figure 211. OP Info--More

5.6.1.4 CPRI Info

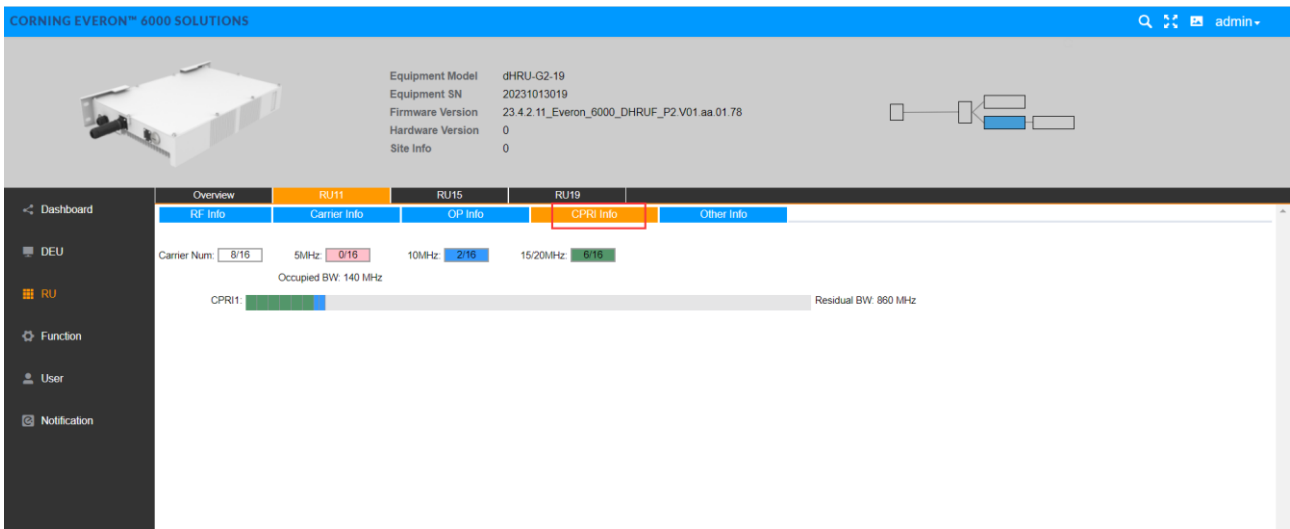


Figure 212. CPRI Info

5.6.1.5 Other Info

The screenshot displays the 'Other Info' section of the CORNING EVERON™ 6000 SOLUTIONS web interface. At the top, there is a blue header with the product name and a search icon. Below the header, a white equipment image is shown on the left, and technical specifications are listed on the right: Equipment Model (dHRU-G2-19), Equipment SN (20231013019), Firmware Version (23.4.2.11_Everon_6000_DHRUF_P2.V01.aa.01.78), Hardware Version (0), and Site Info (0). A network diagram is visible on the right side of the top section.

The main interface features a dark sidebar on the left with navigation options: Dashboard, DEU, RU (selected), Function, User, and Notification. The top navigation bar includes tabs for Overview, RU11 (selected), RU15, and RU19. Under the RU11 tab, there are sub-tabs for RF Info, Carrier Info, OP Info, CPRI Info, and Other Info (selected).

The 'Other Info' section contains a table with the following data:

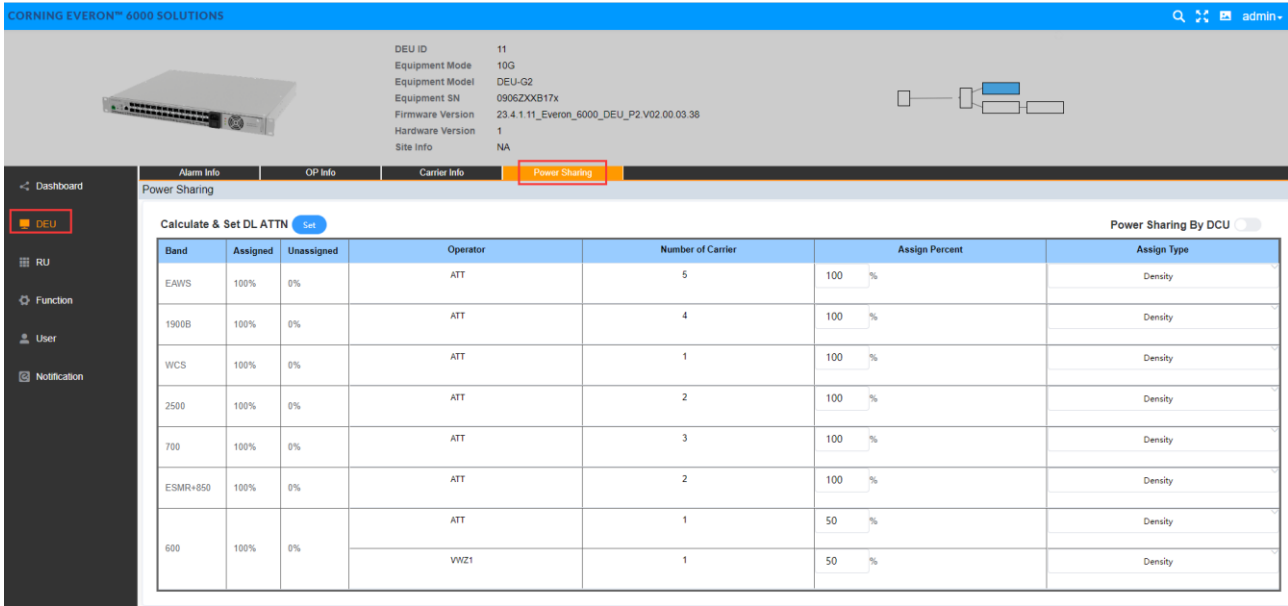
Name	Value
DL VSWR THR	2.0

Figure 213. Other Info

5.7 System Downlink/Uplink Config

5.7.1 Downlink Output Power Config (Power Sharing Process)

Step 1. Set Carrier Info in Chapter 5.3.1.3, including the operator info, carrier info. The DL ATTN can be set to default value in power sharing config.



The screenshot shows the 'Power Sharing' configuration page in the CORNING EVERON™ 6000 SOLUTIONS web interface. The page includes a navigation menu on the left with options like Dashboard, DEU, RU, Function, User, and Notification. The main content area is titled 'Power Sharing' and features a 'Calculate & Set DL ATTN' button. Below this is a table with the following data:

Band	Assigned	Unassigned	Operator	Number of Carrier	Assign Percent	Assign Type
EAWS	100%	0%	ATT	5	100 %	Density
1900B	100%	0%	ATT	4	100 %	Density
WCS	100%	0%	ATT	1	100 %	Density
2500	100%	0%	ATT	2	100 %	Density
700	100%	0%	ATT	3	100 %	Density
ESMR+850	100%	0%	ATT	2	100 %	Density
600	100%	0%	ATT	1	50 %	Density
			WVZ1	1	50 %	Density

Step 2. Set the power sharing parameters in chapter 5.3.1.4

- Assign each operator's power share (percentage).
- Select the carrier's power assignment mode for each operator (Density /Even).
Density mode: power assignment based on carrier bandwidth.
Even mode: power assignment based on the number of carriers.
- Config MIMO 1 and MIMO 2 channel.
- Select the calculate button to active the value, then the DL ATT value in Step 1 will be automatically calculated.
- Select the 'Power Share Lock' button to lock the ATT config.
- The system will automatically emit the output target power based on power sharing configuration if the DCU input power is within the operation range.

Step 3. Set RIU ATTN to meet DCU input power range according to chapter 5.1.2

- Set RIU high gain mode (ON/OFF) and DL ATTN to suitable value to meet DCU input operation range.

Input	Config and result								
Base station	RIU				DCU			dxRU	
Base station input power to RIU(PwrB)	RIU high gain mode switch	RIU DL_ATT (manual)	RIU gain	RIU output TO DCU	DCU input power	DCU high gain mode switch	DCU DL_ATT (AGC auto control)	corresponding dxRU baseband power	dLRU output power
37dBm	OFF	14	-30-(14) =-44dB	-7	-7	OFF	0 dB	-14dBfs	Rated power
23~37dBm	OFF	(PwrB-23)	-30dB-RIU DL_ATT	-7	-7	OFF	0dB	-14dBfs	Rated power
23dBm	OFF	0	-30dB	-7	-7	OFF	0dB	-14dBfs	Rated power
12~23dBm	OFF	0	-30dB	PwrB - 30	PwrB - 30	ON	PwrB – 30- (-19) = PwrB-11	-14dBfs	Rated power
12dBm	OFF	0	-30dB	-18dBm	-18dBm	ON	1dB	-14dBfs	Rated power
11dBm	ON	11dB	-7dB-11dB =-18dB	-7dBm	-7dBm	OFF	0dB	-14dBfs	Rated power
0-11dBm	ON	PwrB	-7dB- PwrB	-7dBm	-7dBm	OFF	0dB	-14dBfs	Rated power
0 dBm	ON	0	-7dB	-7dBm	-7dBm	OFF	0dB	-14dBfs	Rated power
-12 dBm ~0 dBm	ON	0	-7dB	-7 dBm + PwrB	-7+ PwrB	ON	-7+ PwrB-(-19) =12+PwrB	-14dBfs	Rated power
-12 dBm	ON	0	-7dB	-7 dBm + -12=-19 dBm	-7+ -12=-19 dBm	ON	-7-12-(-19) =0	-14dBfs	Rated power
-12 dBm ~-15 dBm	ON	0	-7dB	-7+ PwrB	-7+ PwrB	ON	0dB	=-14dBfs-(-12- PwrB)	Rated power-(-12- PwrB)
-15 dBm	ON	0	-7dB	-22dBm	-22dBm	ON	0dB	=-14dBfs-(-12- (-15))=-17dBfs	Rated power-3dB

- The DCU input power target is -7dBm, and the RIU suggested input power range is 10~37dBm, so that please config RIU high gain mode and DL ATT according to the input power.

Input	Config and result								
Base station	RIU				DCU			dxRU	
Base station input power to RIU(PwrB)	RIU high gain mode switch	RIU DL_ATT (manual)	RIU gain	RIU output TO dcu	DCU input power	DCU high gain mode switch	DCU DL_ATT (AGC auto control)	corresponding dxRU baseband power	dLRU output power
37dBm	OFF	14	-30-(14) =-44dB	-7	-7	OFF	0 dB	-14dBfs	Rated power
23~37dBm	OFF	(PwrB-23)	-30dB-RIU DL_ATT	-7	-7	OFF	0dB	-14dBfs	Rated power
23dBm	OFF	0	-30dB	-7	-7	OFF	0dB	-14dBfs	Rated power
12~23dBm	OFF	0	-30dB	PwrB - 30	PwrB - 30	ON	PwrB - 30 - (-19) = PwrB-11	-14dBfs	Rated power
12dBm	OFF	0	-30dB	-18dBm	-18dBm	ON	1dB	-14dBfs	Rated power
11dBm	ON	11dB	-7dB-11dB =-18dB	-7dBm	-7dBm	OFF	0dB	-14dBfs	Rated power
0-11dBm	ON	PwrB	-7dB-PwrB	-7dBm	-7dBm	OFF	0dB	-14dBfs	Rated power
0 dBm	ON	0	-7dB	-7dBm	-7dBm	OFF	0dB	-14dBfs	Rated power
-12 dBm ~0 dBm	ON	0	-7dB	-7 dBm + PwrB	-7+ PwrB	ON	-7+ PwrB-(-19) =12+PwrB	-14dBfs	Rated power
-12 dBm	ON	0	-7dB	-7 dBm + -12=-19 dBm	-7+ -12=-19 dBm	ON	-7-12-(-19) =0	-14dBfs	Rated power
-12 dBm ~-15 dBm	ON	0	-7dB	-7+ PwrB	-7+ PwrB	ON	0dB	=-14dBfs-(-12-PwrB)	Rated power-(-12- PwrB)
-15 dBm	ON	0	-7dB	-22dBm	-22dBm	ON	0dB	=-14dBfs-(-12-(-15))=-17dBfs	Rated power-3dB

In this case, please config the DCU to the following config. The detailed config is listed in chapter 5.2.2

High Gain mode = OFF

DCU DL ATT changes from 20dB to 0dB after antenna connection.

Note: PwrB refers to the base station input power to RIU

5.7.2 Uplink Gain Config

The Total Uplink Gain = -2dB - RIU UL ATT - DCU UL ATT - RU UL ATT

Step 1. Config the RIU UL ATT according to chapter 5.1.2

Step 2. Config the DCU UL ATT according to chapter 5.2.2.2

Step 3. Config the RU UL ATT according to chapter 5.4.2.2

The range of each ATT is listed as below.

SN	ATT Range(dB)	Default Value(dB)	Config Description
1	0~25	20	chapter 2.1.2
2	0~20	20	chapter 2.2.2.2
3	0~20	10	chapter 2.4.2.2