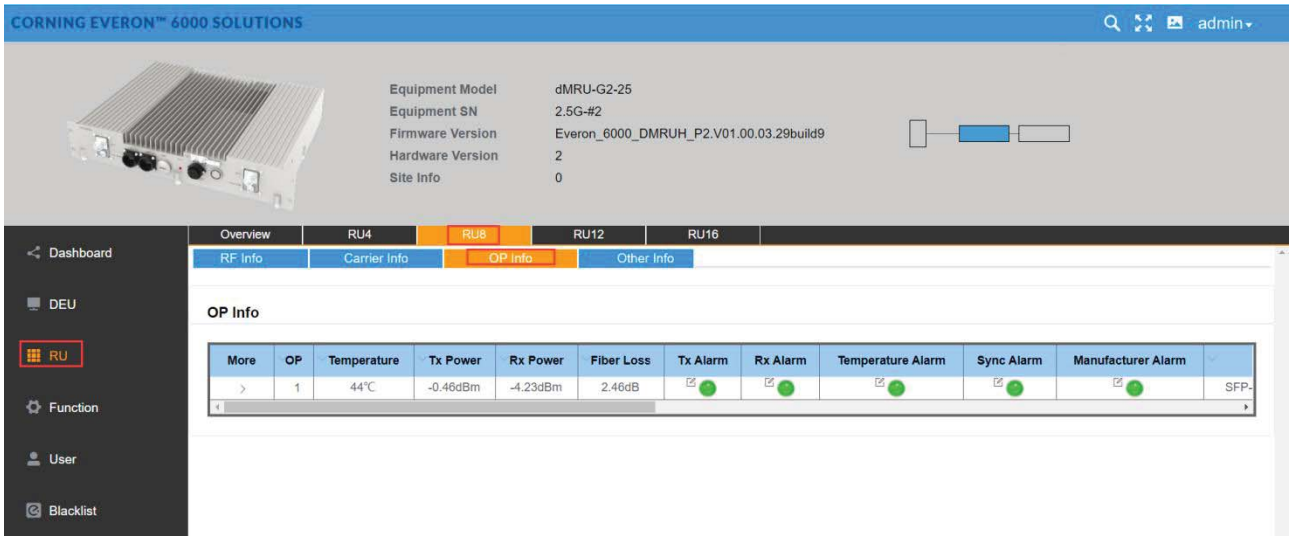


Figure 162. RU→OP Info

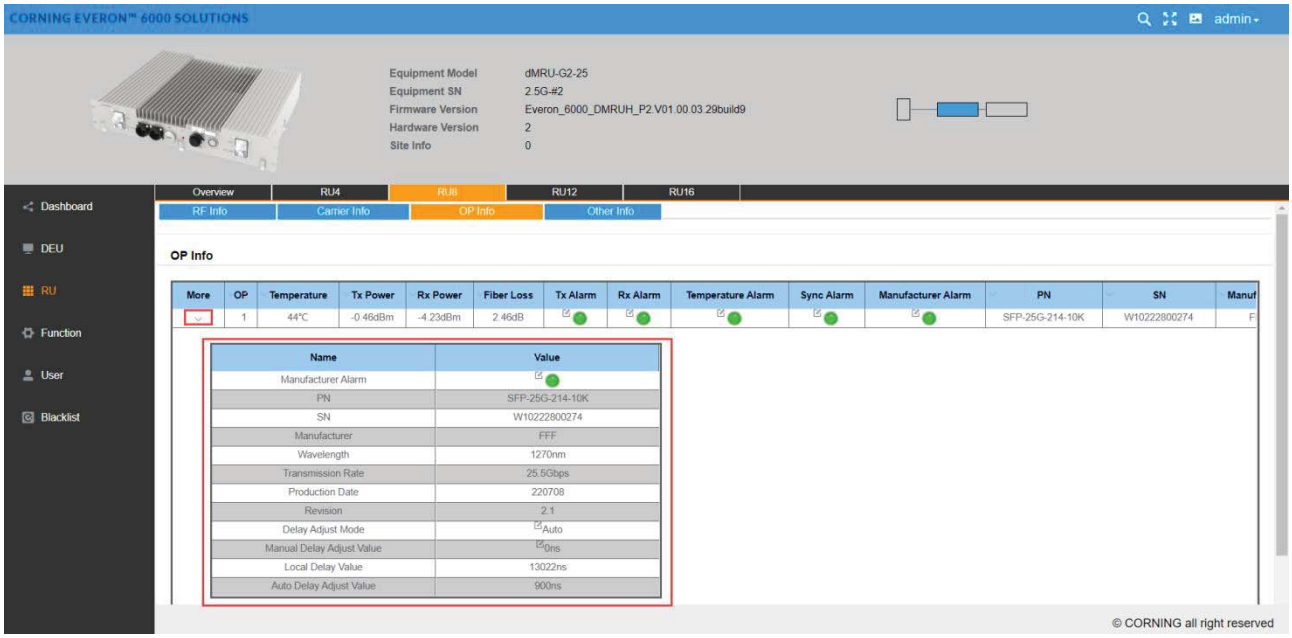


*Figure 163.*RU→OP Info→More

5.4.2.4 Other Info

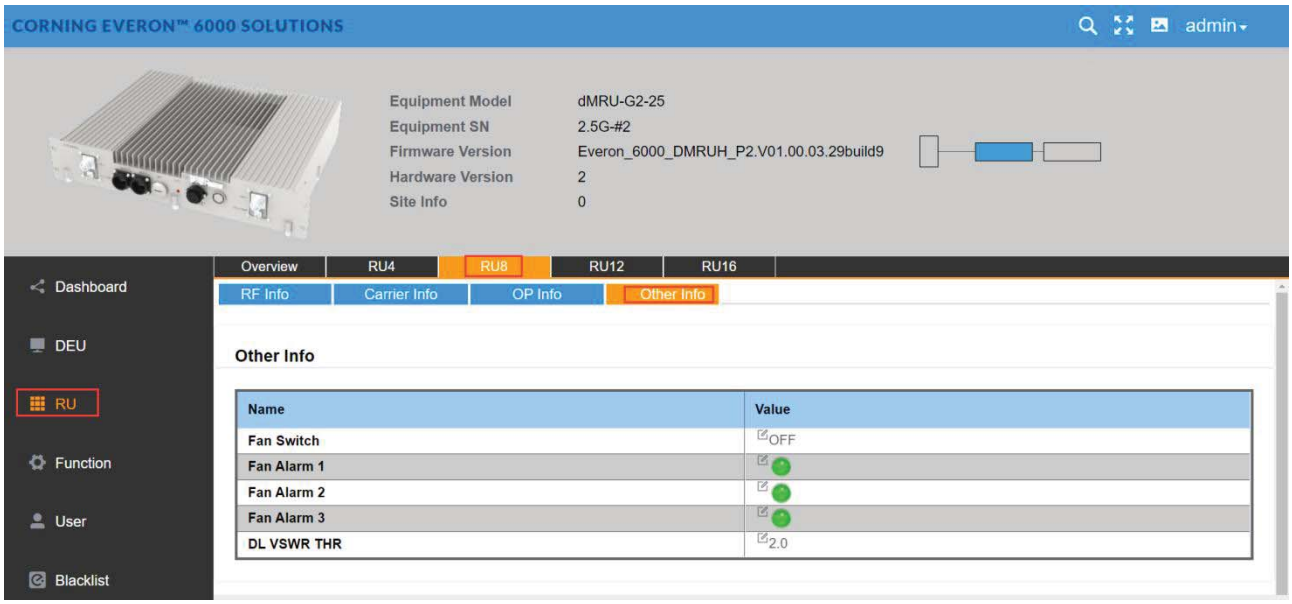


*Figure 164.*RU→Other info

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).

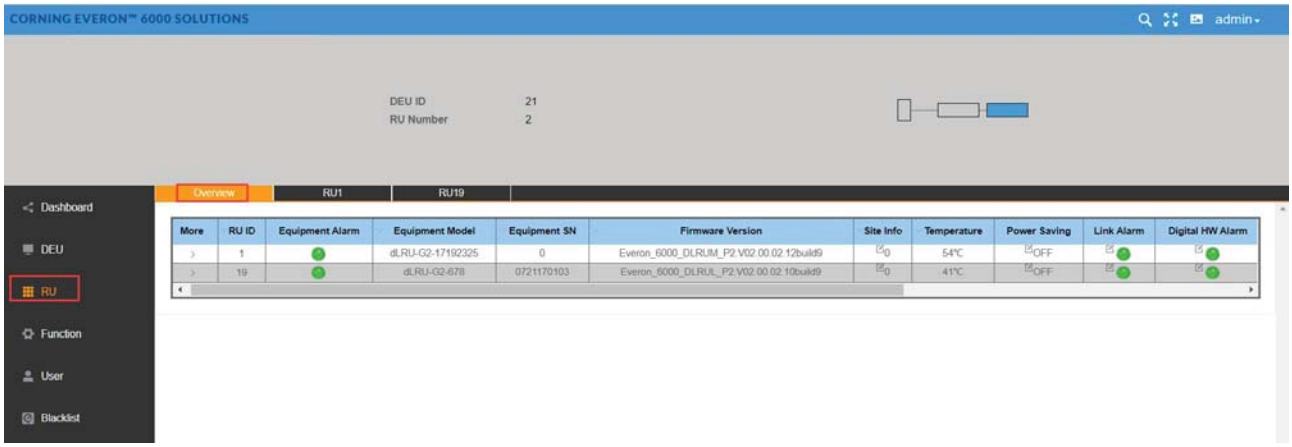


*Figure 165.*RU→Overview

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) as shown in the figure below.

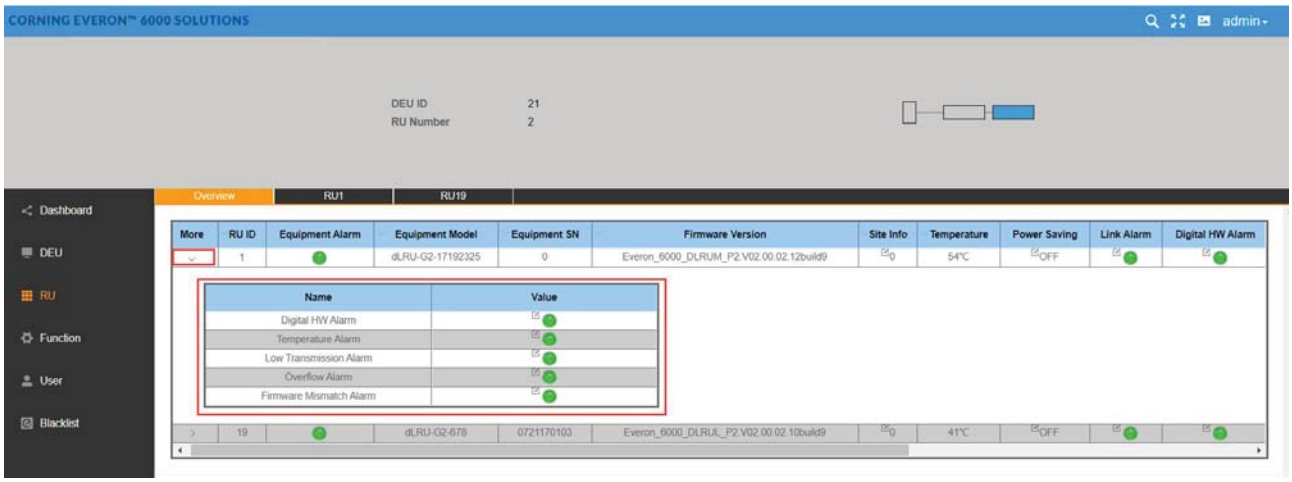


*Figure 166.*RU→ Overview →More

5.5.2 RU Parameter config

5.5.2.1 RF info

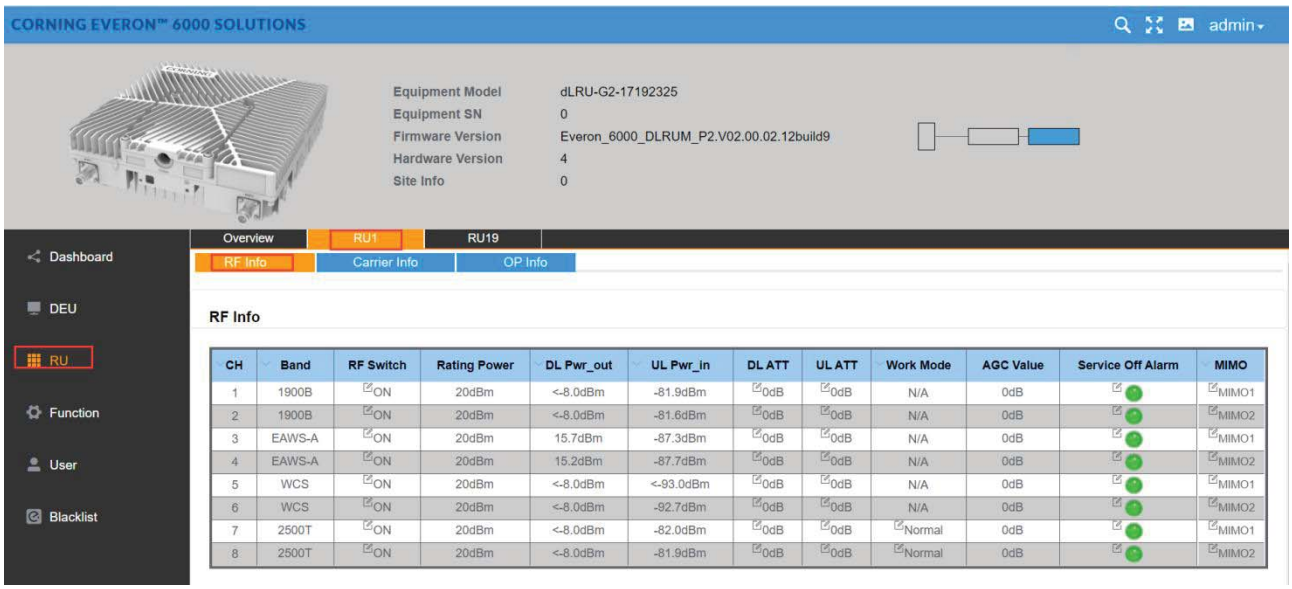


Figure 167. RF Info

Click RU → RU1 to read various RF information of RU, as shown in the figure below:

SN	Parameter	Range	Recommend value
1	RF Switch	ON/OFF	ON
2	DL ATT	(0~20)	10
3	UL ATT	(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 167.*RF info

5.5.2.2 Carrier info

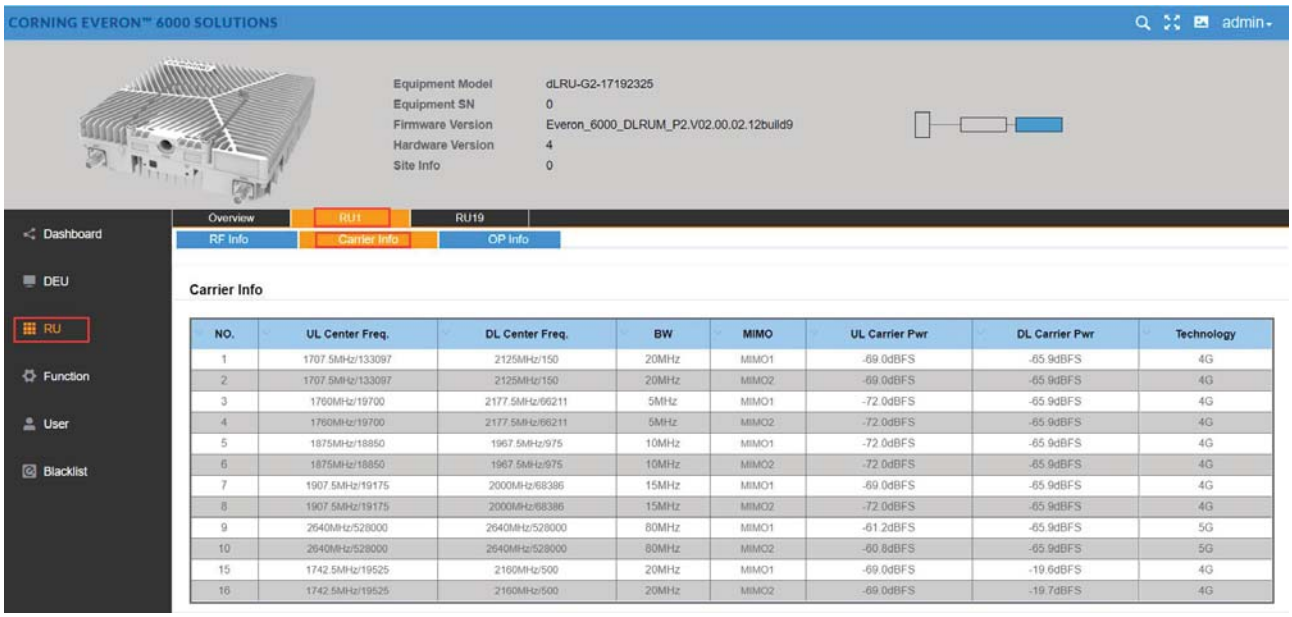


*Figure 168.*RU →RU 4→Carrier Info

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, as shown in the figure below.

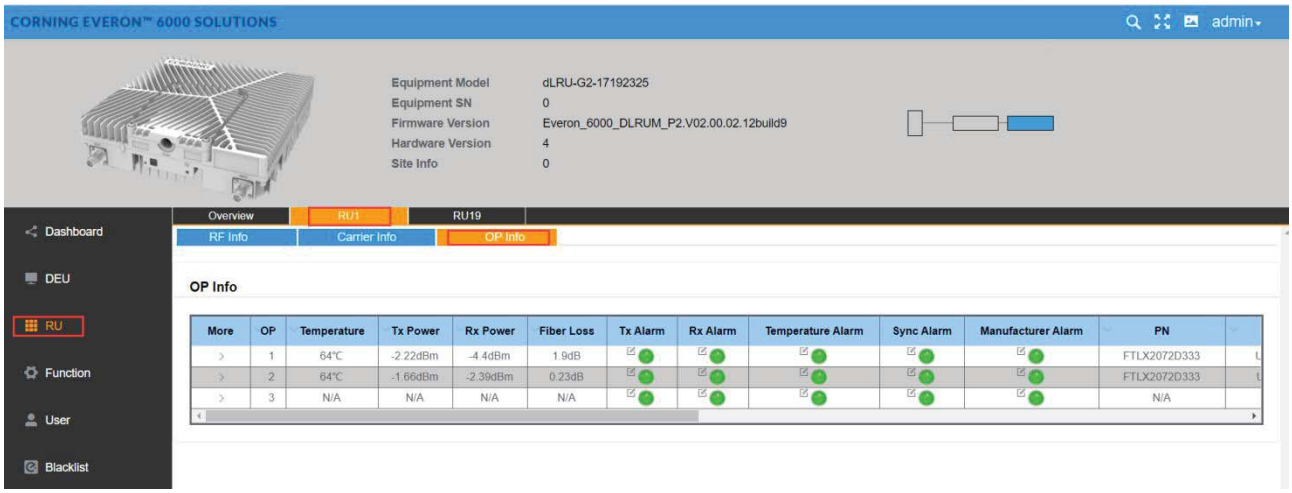


*Figure 169.*RU →RU 1→OP Info

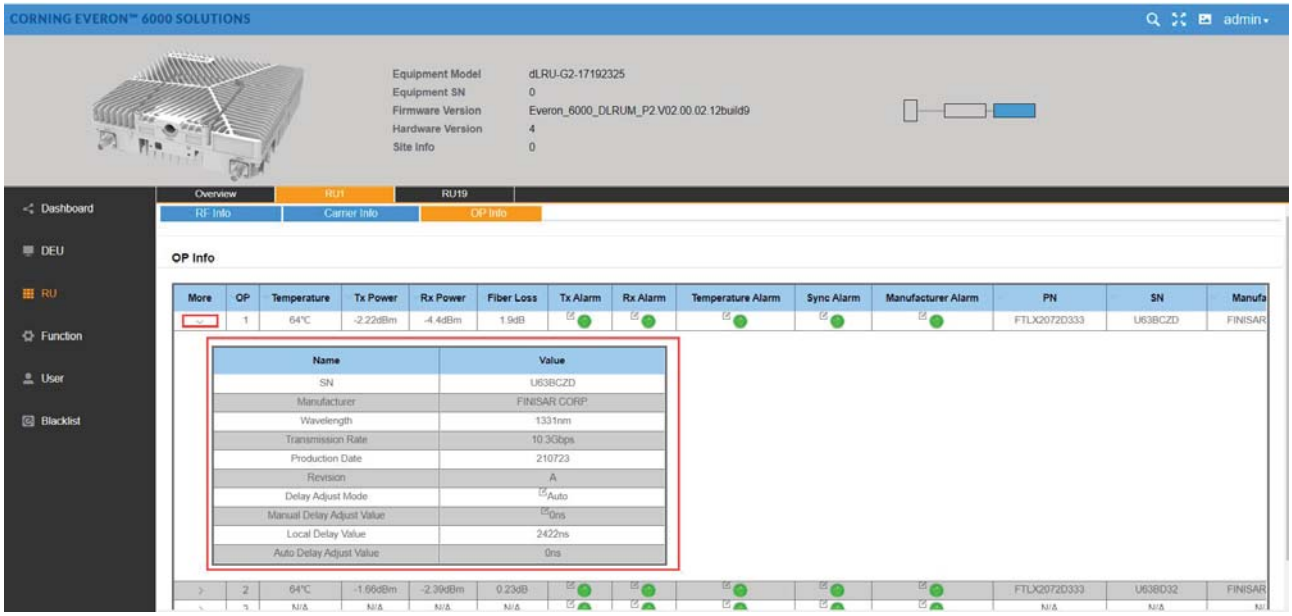


*Figure 170.*RU →RU 1→OP Info→More

5.6 Downlink/Uplink Config

5.6.1 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 ATT can be set to default value in power sharing config.

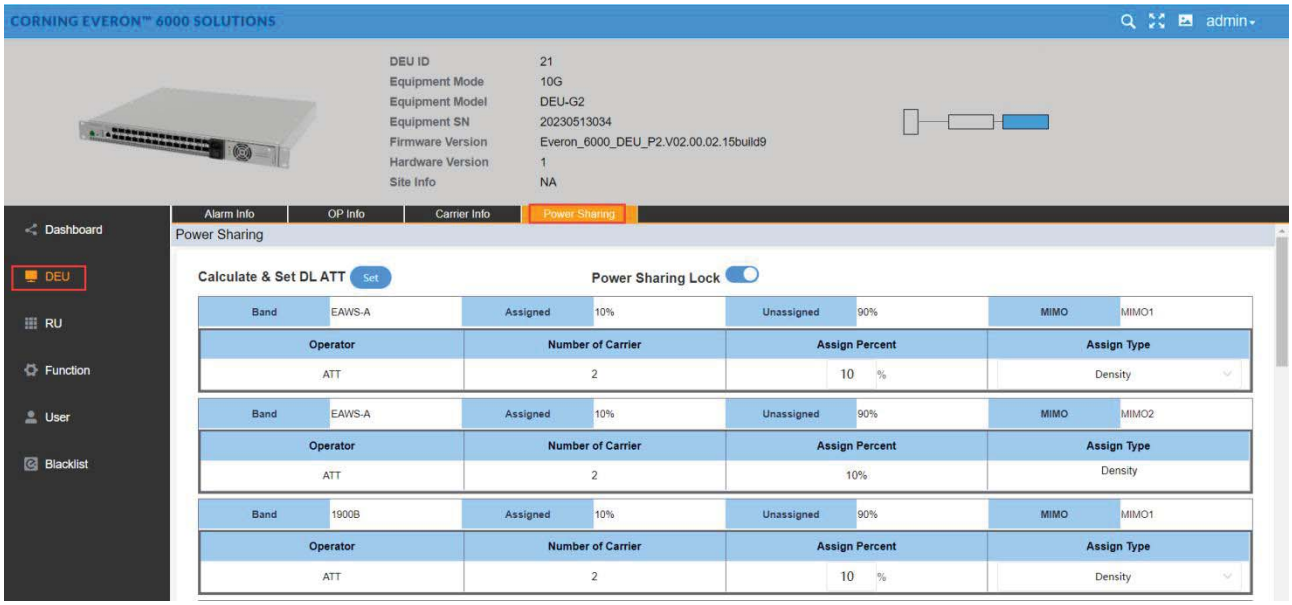


Figure 154. Power sharing

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 carrier number.
- 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 ATT to meet DCU input power range according to chapter 5.1.2

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

High Gain Mode	DL ATT	Total Gain
ON (Gain = -7dB)	0~25	-7~-32dB
OFF (Gain = -30dB)	0~25	-30~-55dB

- 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.

RIU Input Power(dBm)	High Gain Mode (ON/OFF)	DL ATT (0~25)	Total Gain(dB)	Target Output Power
10~25	ON (Gain = -7dB)	Gain=-10~-25	-17~-32	-7dBm
25~37	OFF (Gain = -30dB)	Gain=-2~-14	-32~-44	-7dBm

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.

5.6.2 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

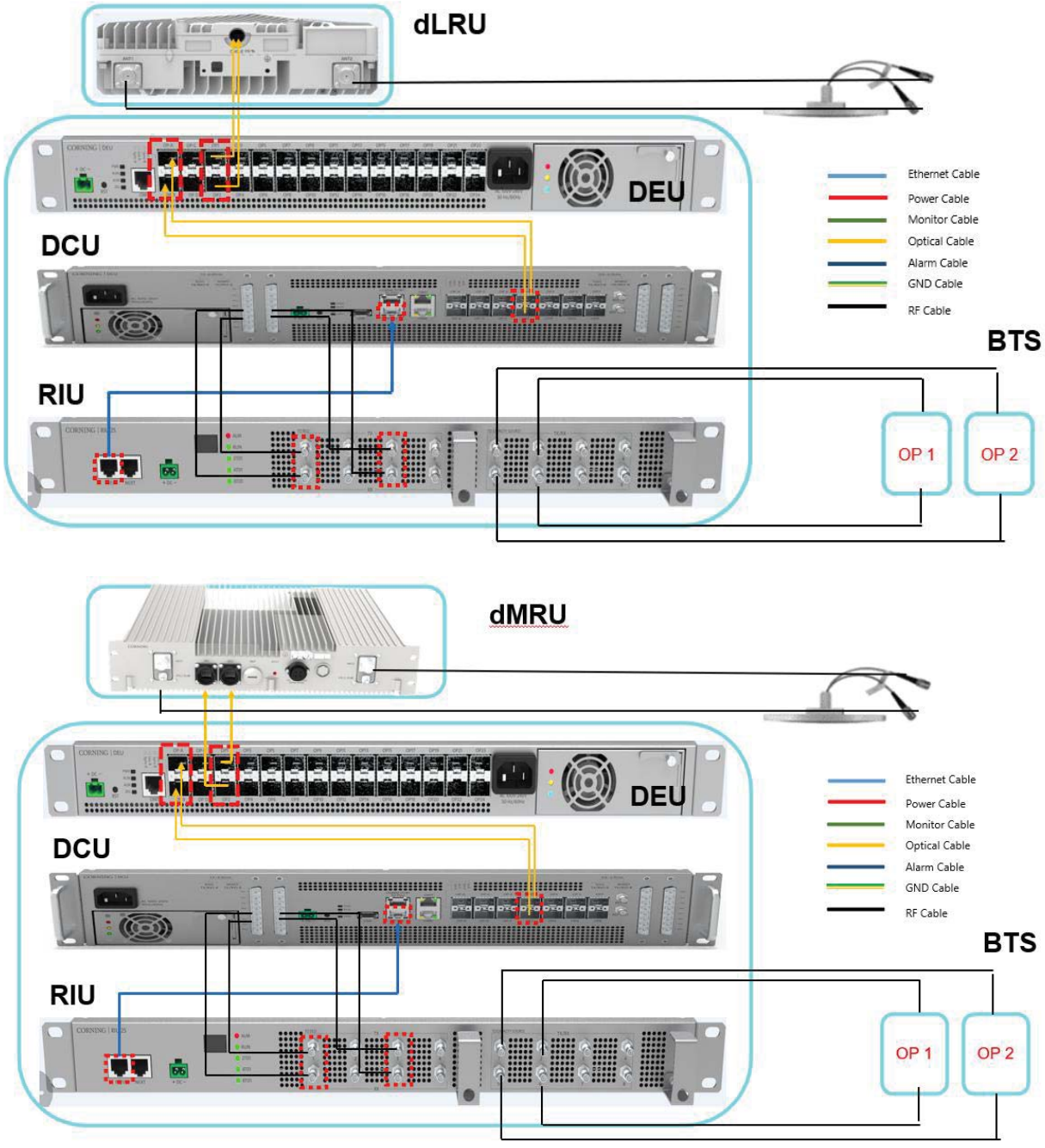
Step 3. Config the RU UL ATT according to chapter 5.4.2.2

The range of each ATT is listed as below.

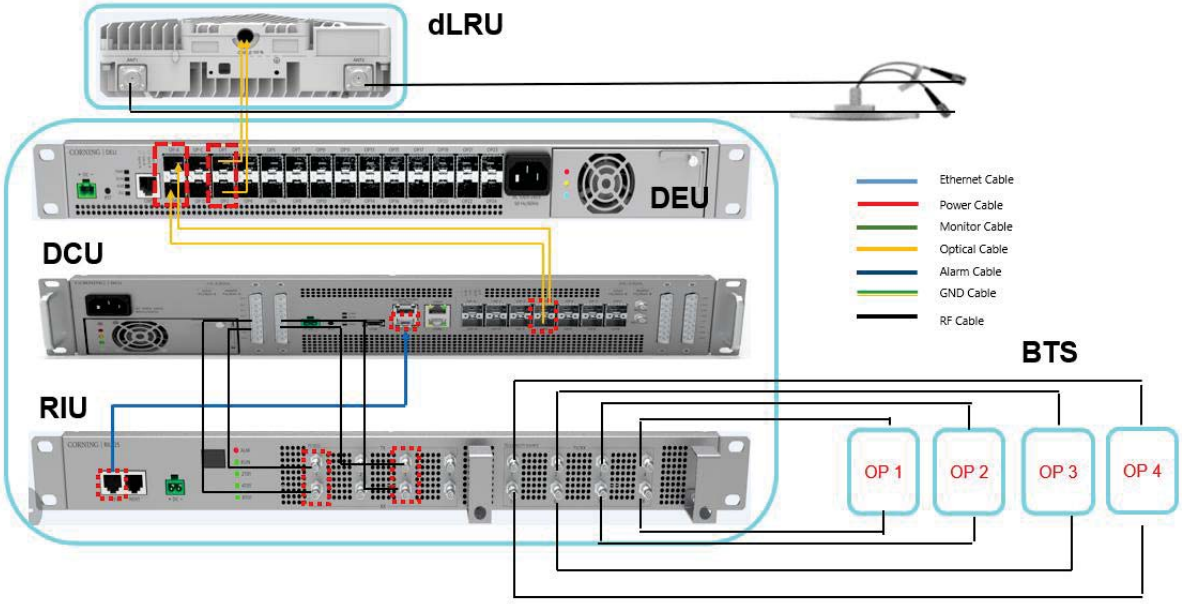
SN	ATT Range(dB)	Default Value(dB)	Config Description
1	0~25	20	chapter 2.1.2
2	0~20	20	chapter 2.2.2.2
3	0~20	10	chapter 2.4.2.2

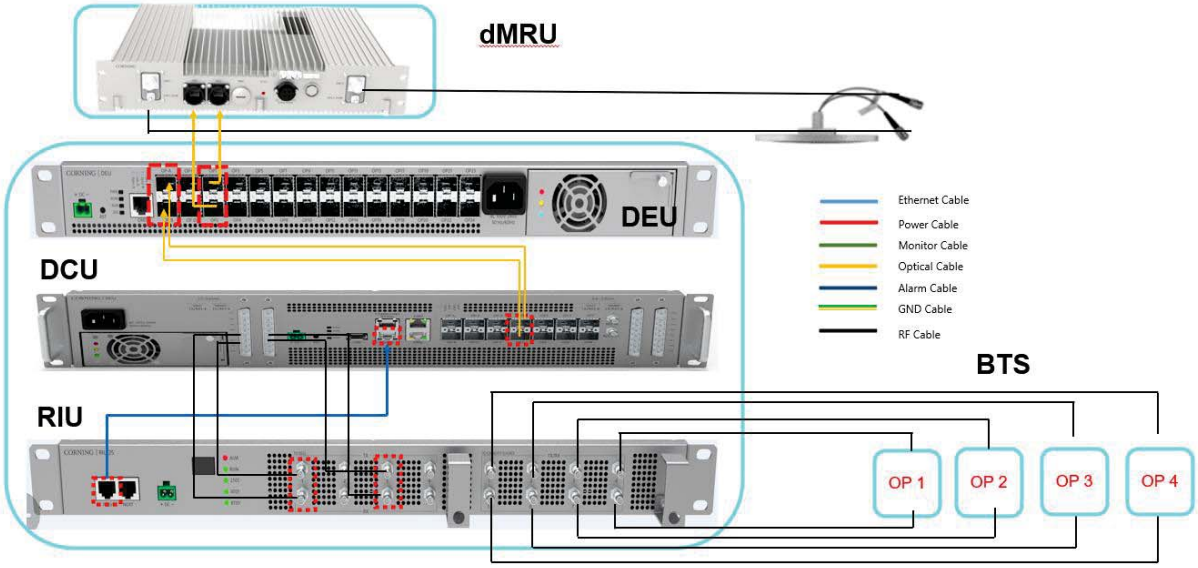
5.7 Case

2TO1 2x2 MIMO Case



4TO1 2x2 MIMO Case





Refer to the table below for Everon™ 6000 Parameters.

Everon™ 6000
Parameters_Build

Release Version

SN	Unit	Version
1	System version	Everon_6000_SYSTEM_P2.V01.04.01.68build9
2	RIU	Everon_6000_RIU_P2.V01.00.00.10build9
3	RIU-FDD	Everon_6000_RIU_P2.V02.00.00.04build9
4	DEU-25G	Everon_6000_DEU_P2.V01.00.03.63build9
5	DEU-10G	Everon_6000_DEU_P2.V02.00.02.15build9
6	DCU	Everon_6000_DCU_P2.V01.00.03.54build9
7	DLRU-3.5	Everon_6000_DLRUH_P2.V01.00.04.55build9
8	DLRU-M	Everon_6000_DLRUM_P2.V02.00.02.12build9
9	DLRU-L	Everon_6000_DLRUL_P2.V02.00.02.10build9
10	DMRU-3.5	Everon_6000_DMRUH_P2.V01.00.03.29build9
11	DMRU-FDD	Everon_6000_DMRUF_P2.V02.00.00.16build9

6. APPENDIX: LED Functionality and Color Definition

Optical LED definition

		Green	Amber
		(SYNC)	(LOS)
SFP Plug out	SFP Plug out	OFF	OFF
Optic Link Fail	1. Optic cable disconnected	OFF	ON
	2. SFP fail	OFF	ON
	2.1 SFP fault	OFF	ON
	2.2 SFP warning	OFF	ON
	2.3 SFP alarm	OFF	ON
	3. CPRI link down	OFF	ON
Optic Link OK	1. Optic cable connected	ON	ON
	2. SFP OK	ON	ON
	3. CPRI link down	ON	ON
CPRI Link OK	1. Optic cable connected	ON	OFF
	2. SFP OK	ON	OFF
	3. CPRI link up	ON	OFF

ALM/RUN/Power LED definition

LED	Description	Color
ALM	1. Alarm	Red
	2. Device detect (Identify and is controlled from DCU)	Red Flash (1Hz, 10s)
	3. No alarm	OFF
RUN	1. The system is up and running	Green Flash(1Hz)
	2. Software or hardware failure	OFF
Power	1. Power on	Green
	2. Power off	OFF

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