

GND 

Product Name : 28GHz 5G DRU
Model Name : FR-R5G17AFU
Serial Number : FRC13-198-0003
D A T E : 2019. 08
Manufacturer : FRTek Co., Ltd
Made in Korea







GND

LEDUC
BLIND
15 20



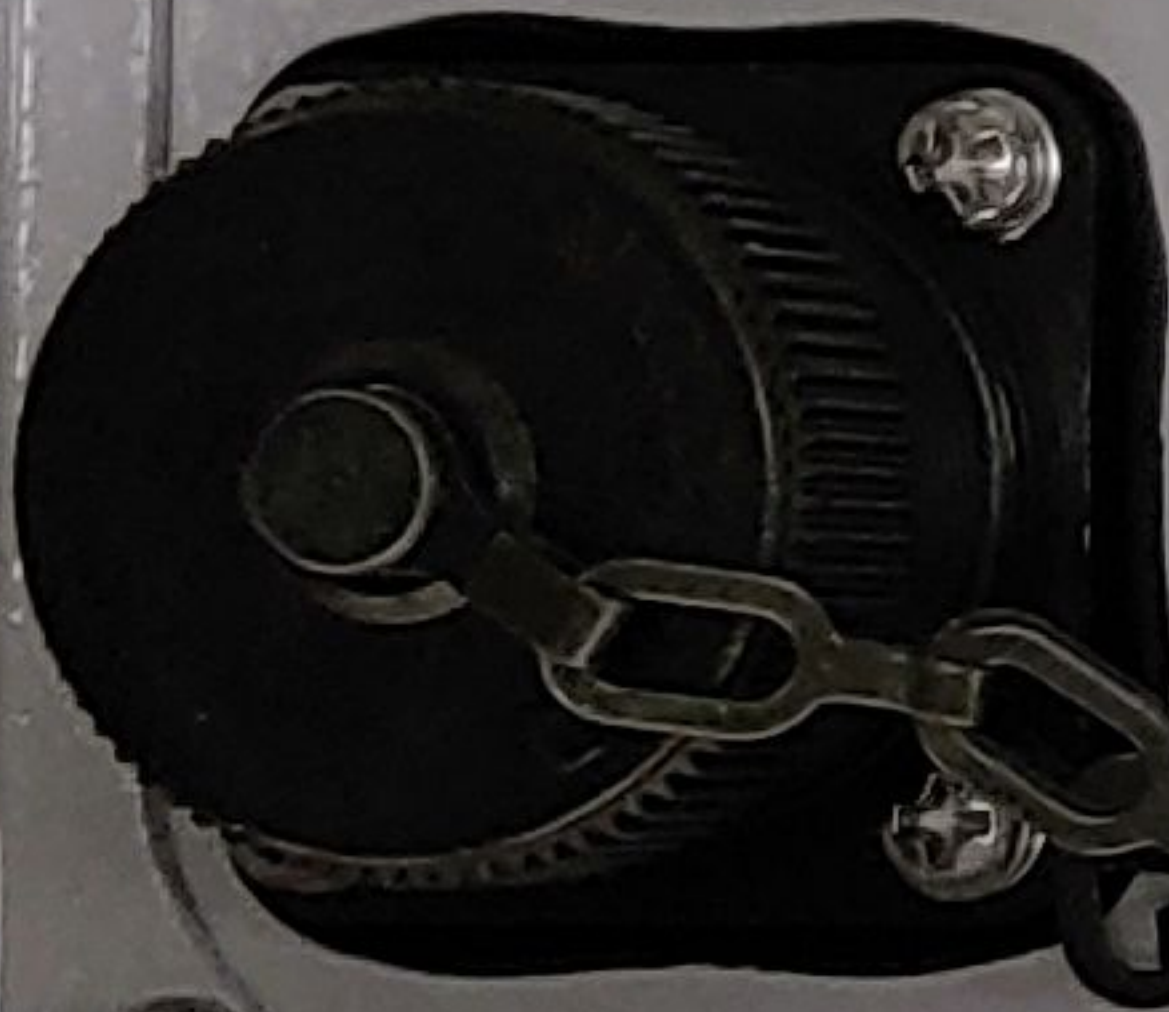
OPTIC



AC GND



AC IN



: AC - L
: AC - N
: F.G

SISO #1



SISO #2



SISO #3



SISO #4



MIMO #1
& DC



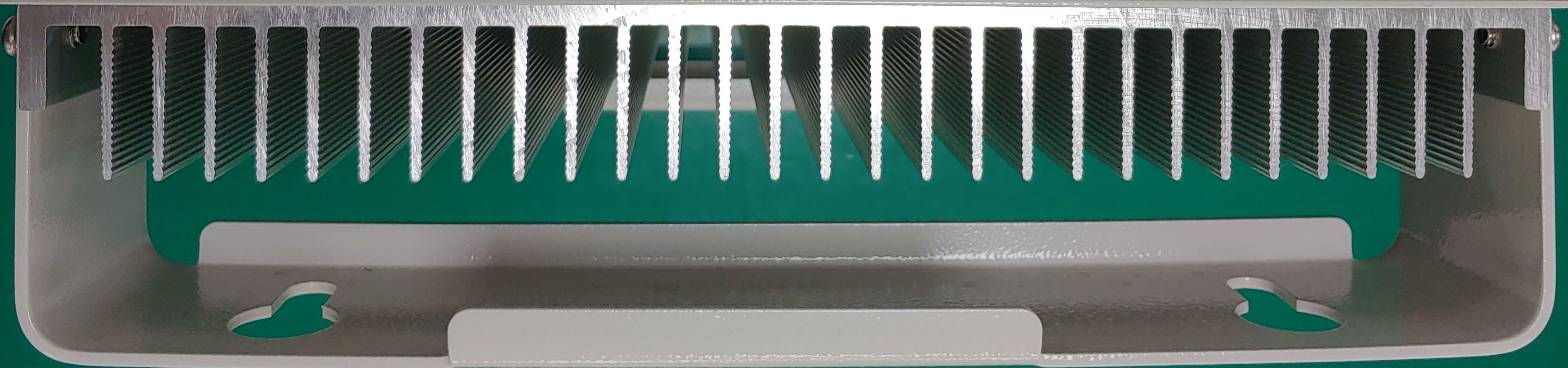
MIMO #2
& DC



MIMO #3
& DC



MIMO #4
& DC



5G

DRU

FRTek
Fiber Radio Technologies

•
AC IN
•

•
AC GND
•

•
MIMO #1
& DC
•

•
MIMO #2
& DC
•

•
MIMO #3
& DC
•

•
MIMO #4
& DC
•



AC IN

FMSE

ON
POWER
OFF

DTU

COM

OPTIC

AC GND

SISO #1

MIMO #1
& DC

SISO #2

MIMO #2
& DC

SISO #3

MIMO #3
& DC

SISO #4

MIMO #4
& DC







▲
DEBUG & S/W

5G

DU

◀ GND

GND ▶



PWR



RUN

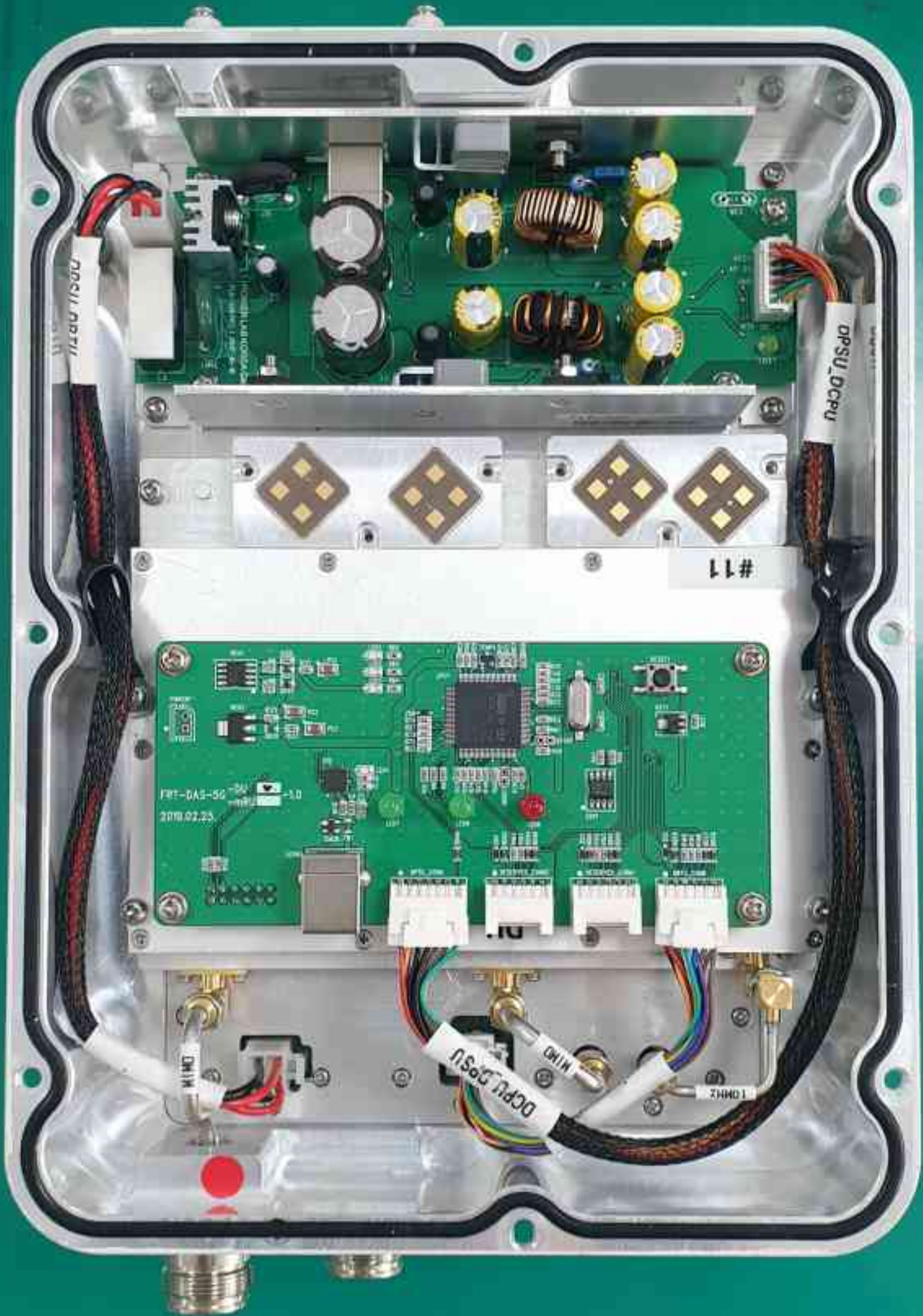


ALM

MIMO
▼

SISO & DC
▼

FRTek
Filter Radio Technologies



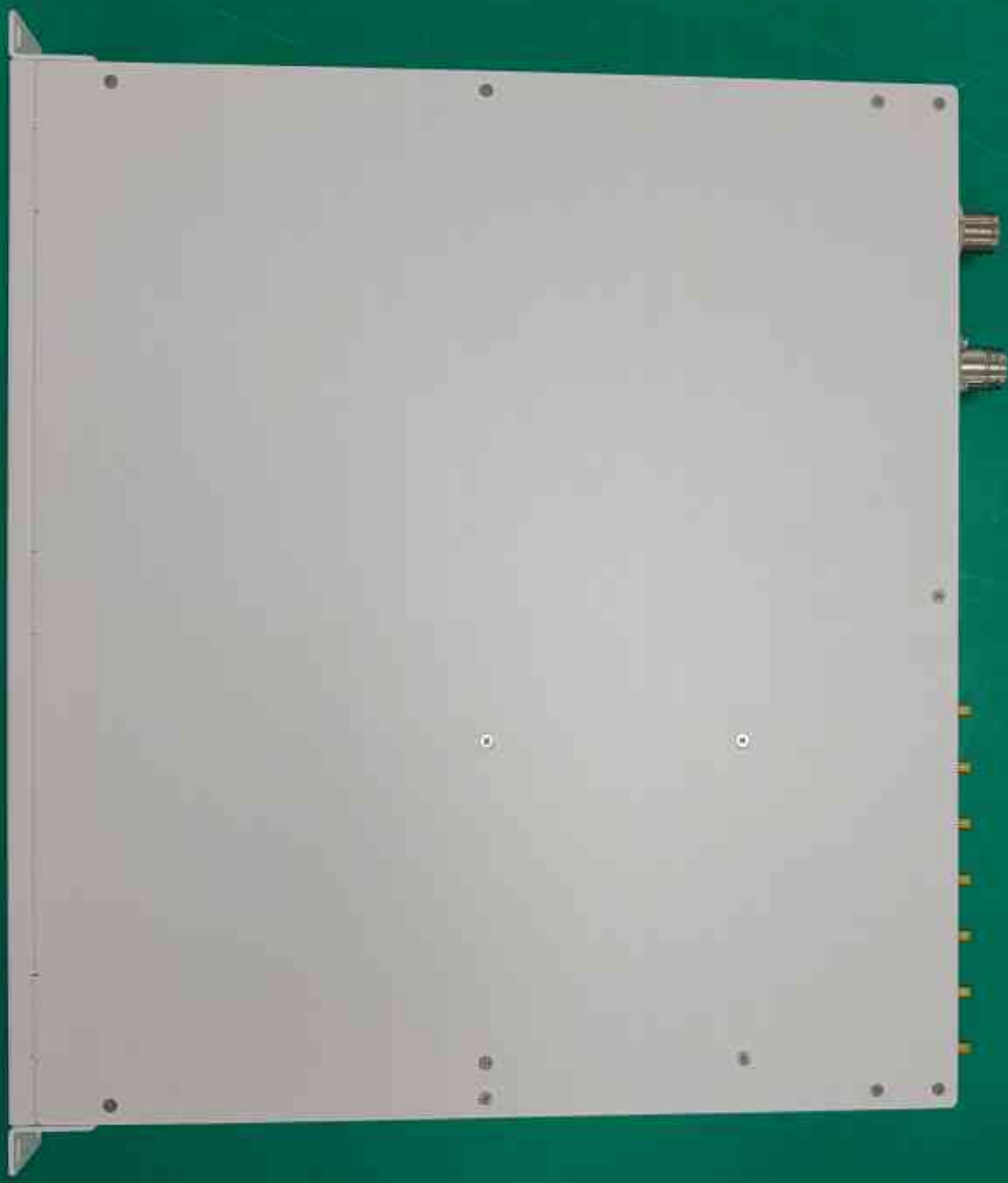


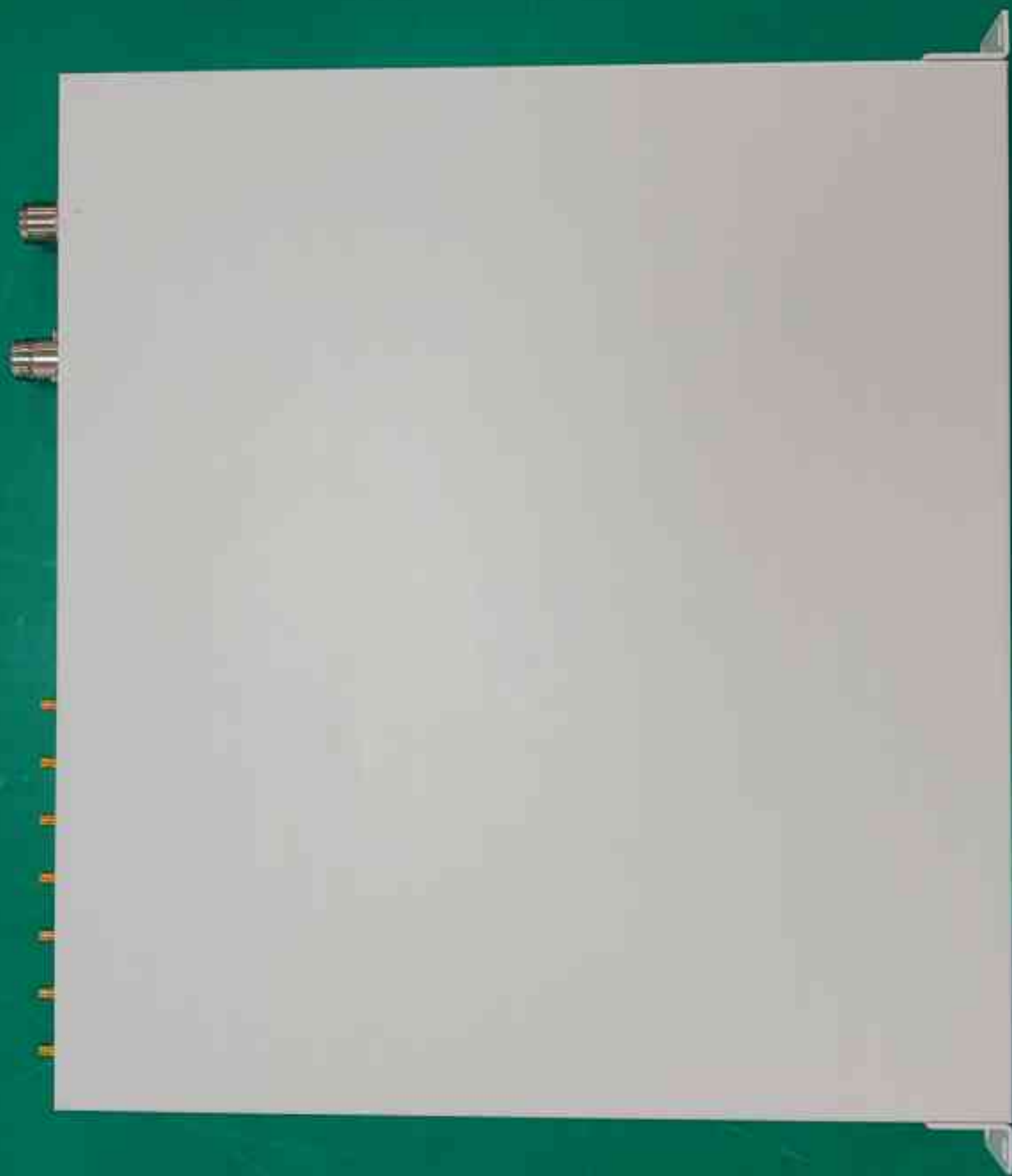








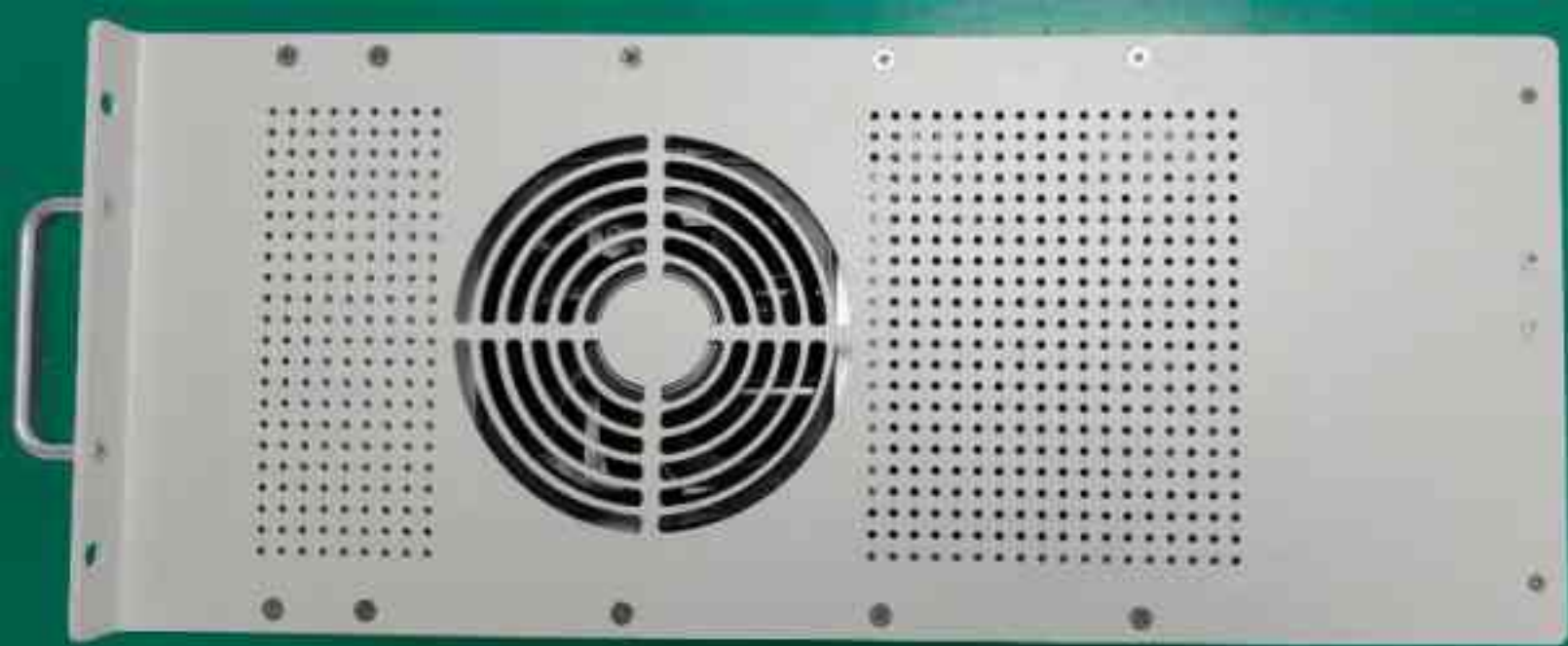




MDU

FRYOL

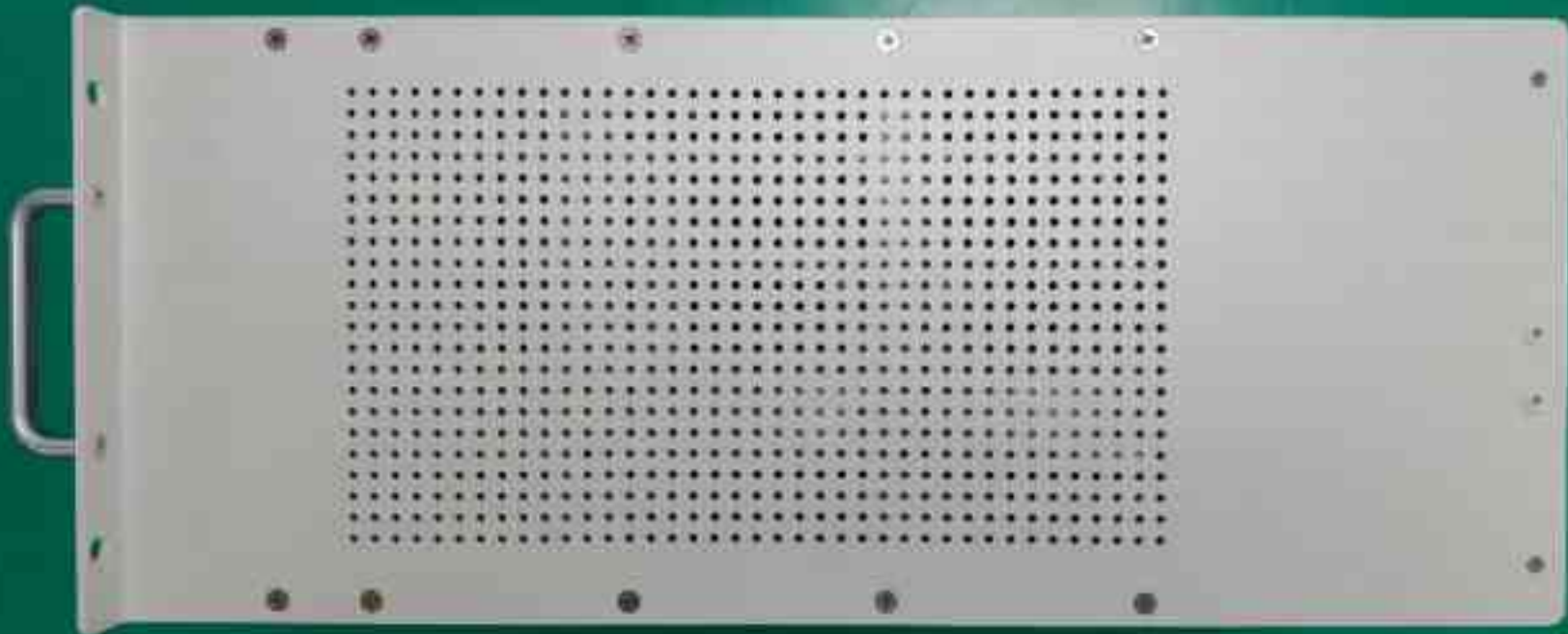












OKIO 2400



OKIO 2400

OKIO 2400

OKIO 2400

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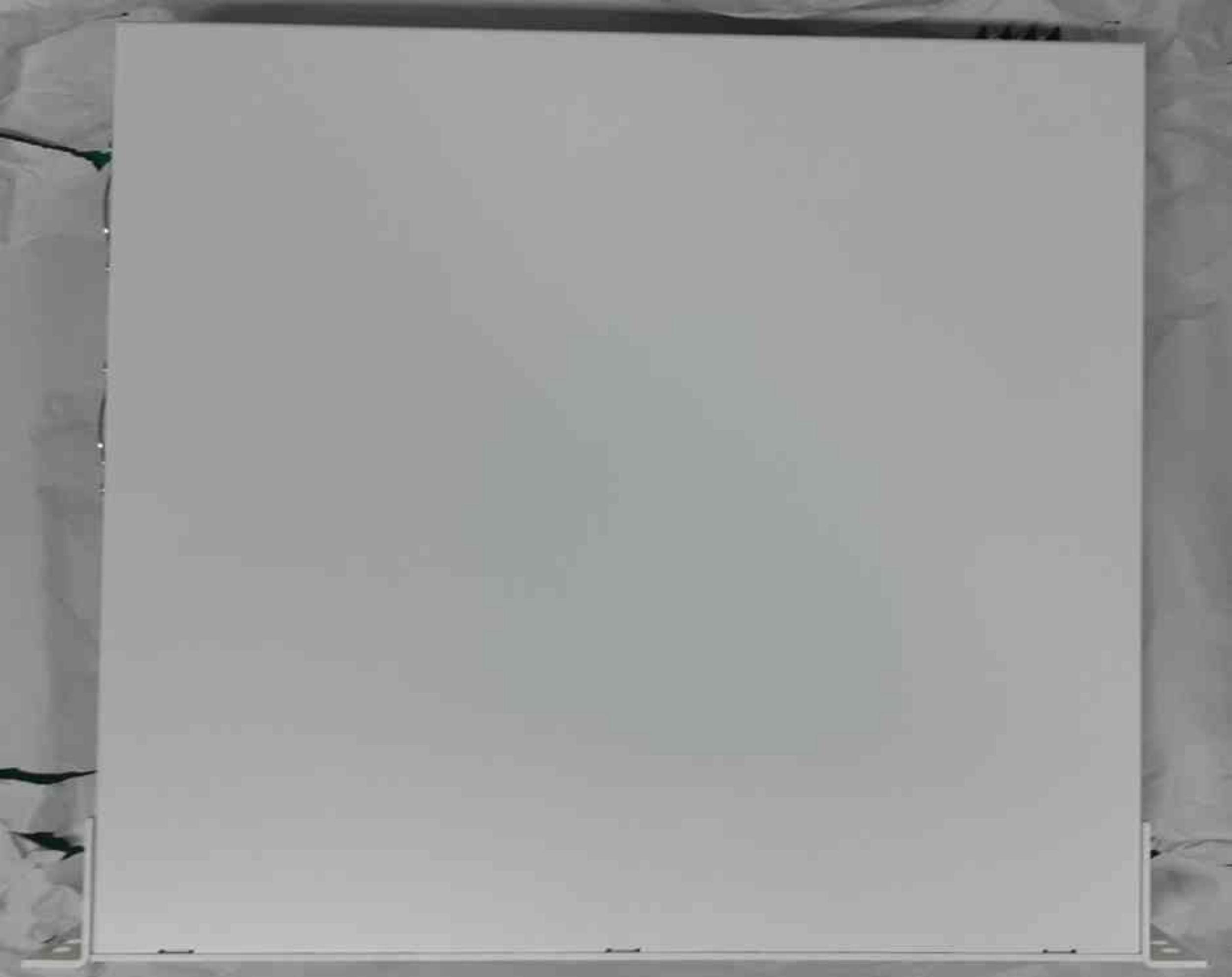
OKIO 2400

OKIO 2400

OKIO 2400

OKIO 2400

OKIO 2400



AC POWER



ON

OFF



AC FUSE
250V T15AL

MOBI PWR



ON

OFF

+37V

+12V

+6V

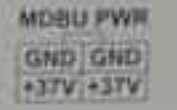
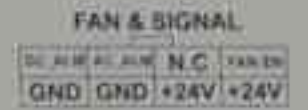
GND

AC

FAIL















DEBUG
& S/W

5G

▲
MIMO & DC

▲
SISO

mRU



ALM RUN PWR

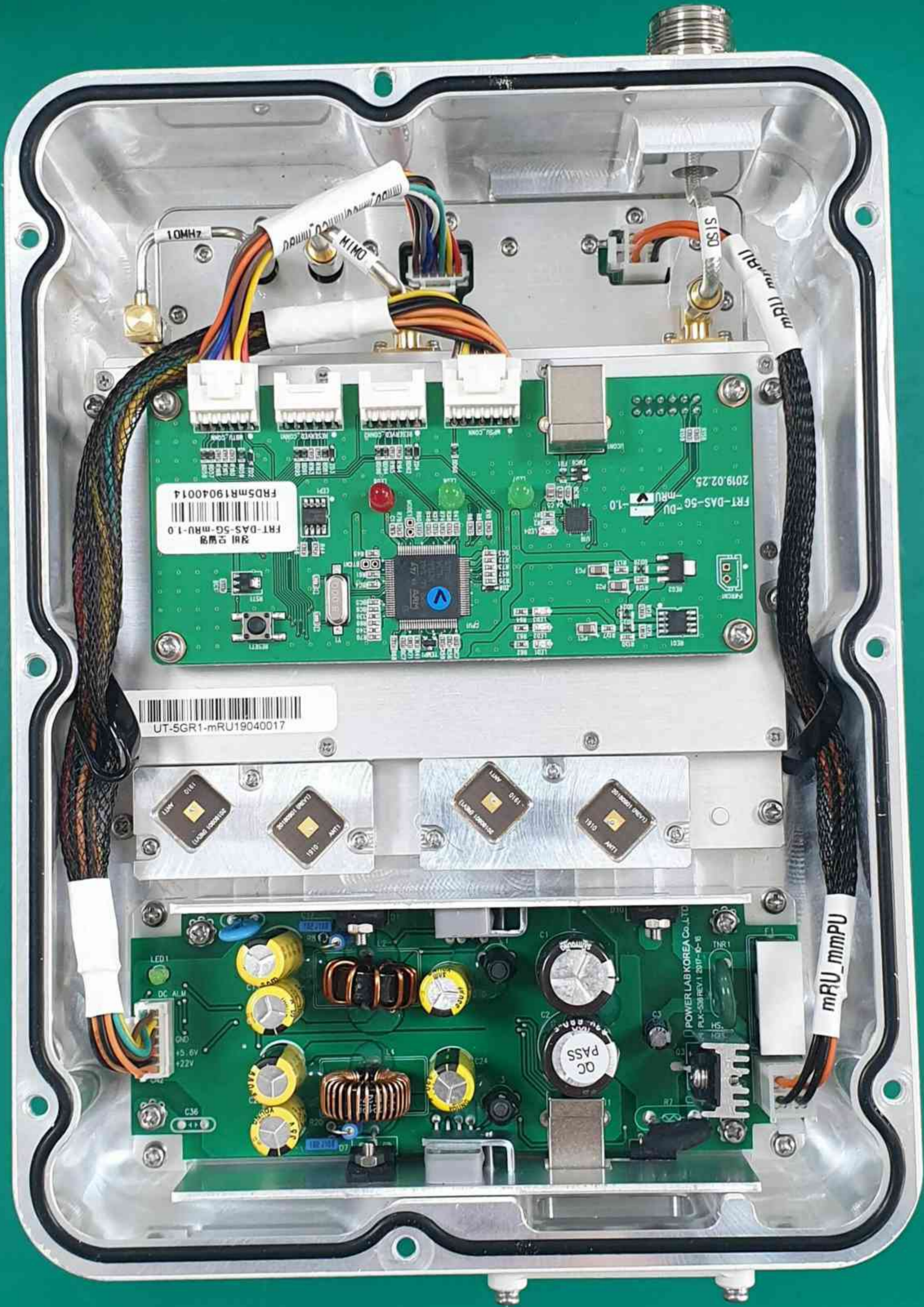
◀ GND

GND ▶

FRTek
Fiber Radio Technologies

DEBUG & S/W





FRD5mR19040014
FR1-DAS-5G-DU-mRU-1.0
2019.02.25

UT-5GR1-mRU19040017

POWER LAB KOREA Co., Ltd.
PLK-530 REV.1 2017-05-16

LED1
DC ALM
GND
+5.6V
+22V
C36

OC
PASS

mRU_mmpu



