

G N D

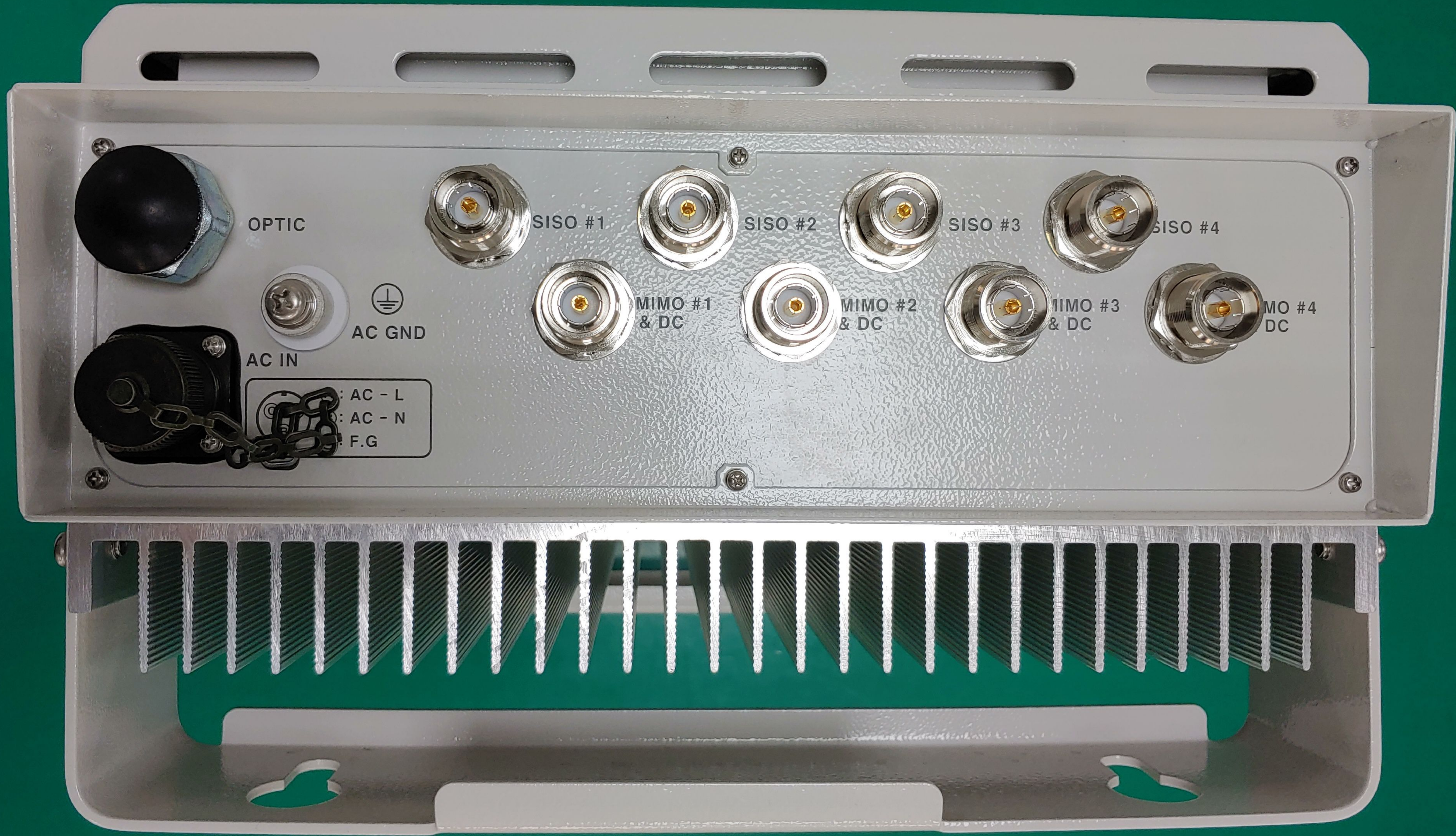
Product Name : 28GHz 5G DRU
Model Name : FR-R5G17AFU
Serial Number : FRC13-198-0003
D A T E : 2019. 08
Manufacturer : FRTek Co., Ltd

Made in Korea









5G

DRU

FRtek
Fiber Radio Technologies

AC IN AC GND MIMO #1 & DC MIMO #2 & DC MIMO #3 & DC MIMO #4 & DC









▲
DEBUG & S/W

5G

DU

◀ GND

GND ▶



PWR



RUN

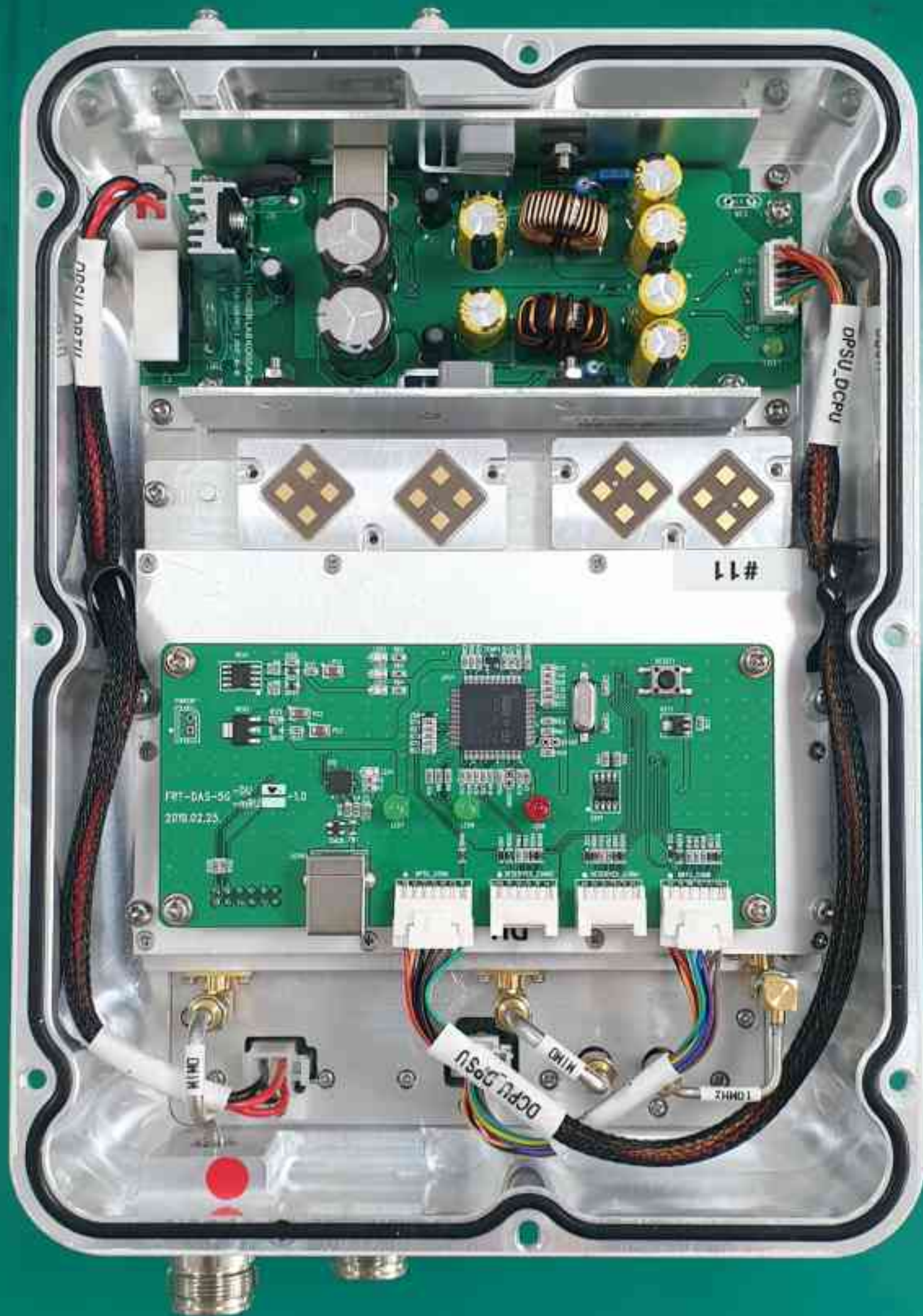


ALM

MIMO
▼

SISO & DC
▼

FRTek
Filter Radio Technologies









SISO
DL IN DL OUT
UL IN DL OUT
TDD
S-MIMO OUT
10MHz
IN OUT

RF

PWR

MIMO
IN/OUT

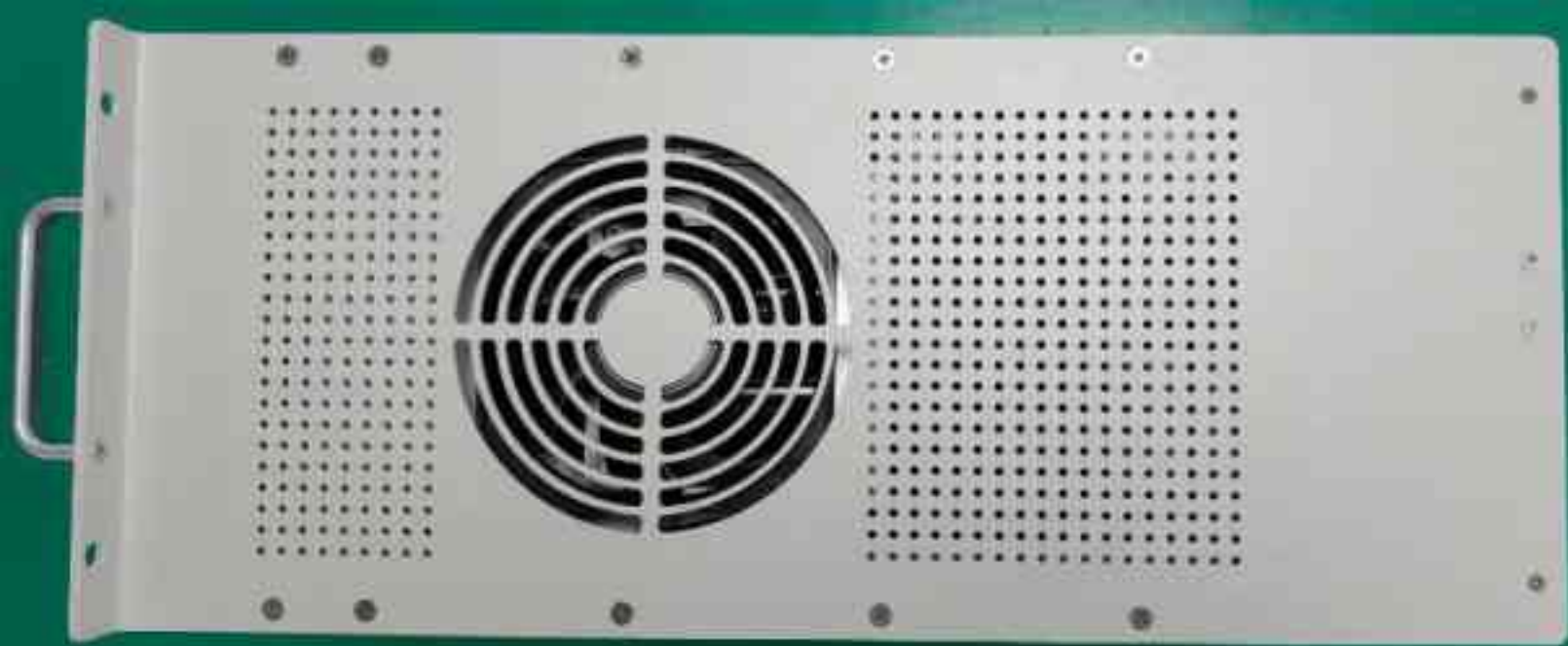
SISO
IN/OUT



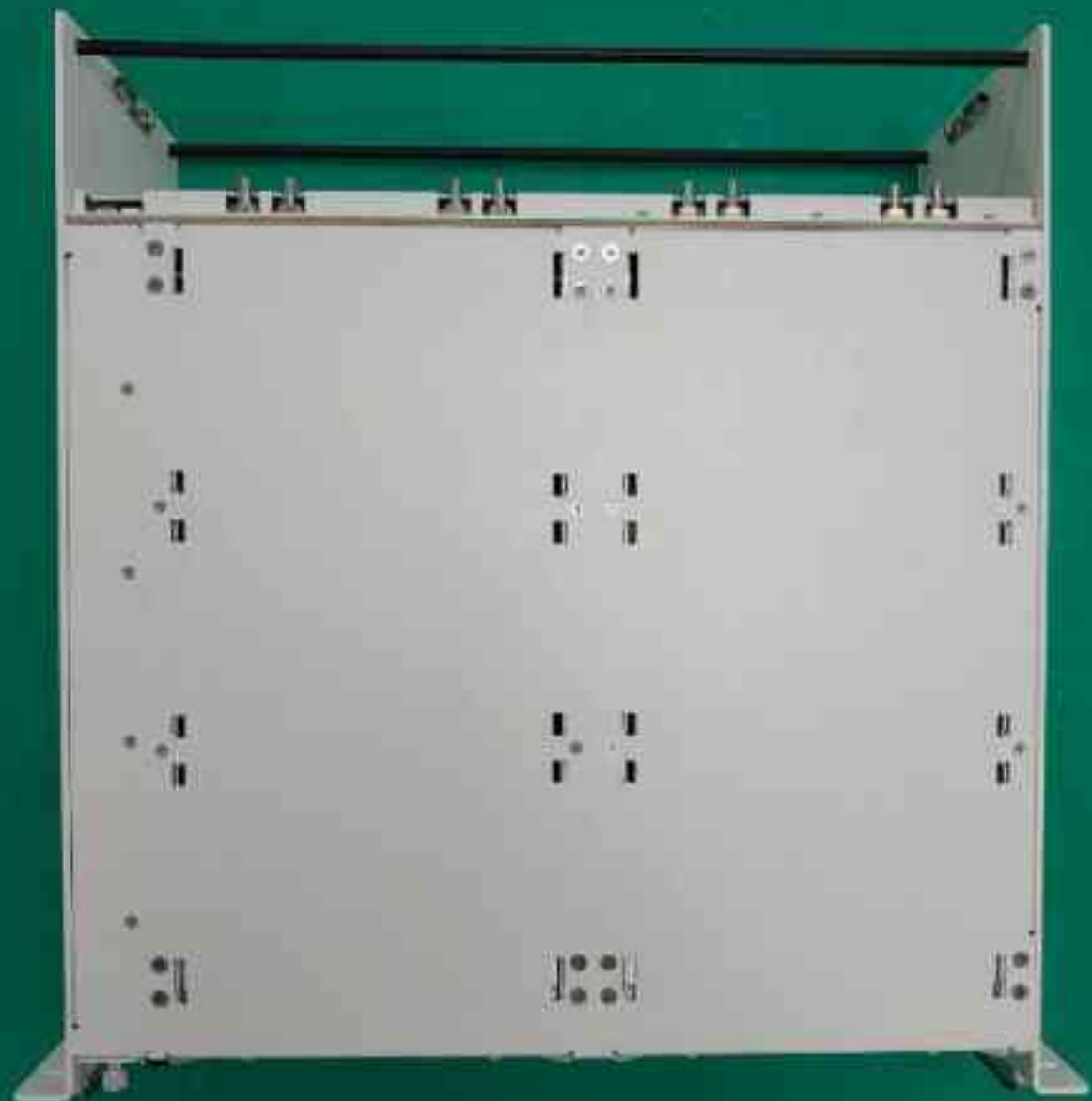
MDU

Frish

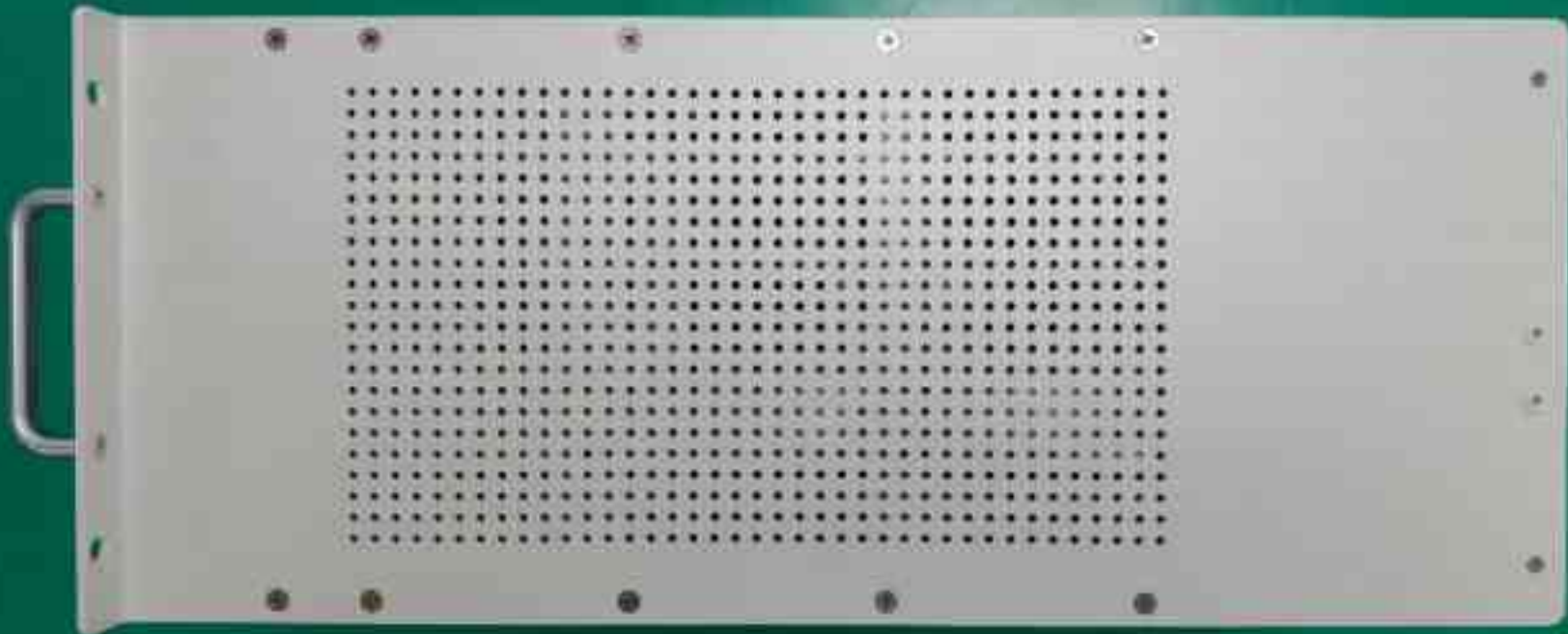












10MHz OCXO



400 MHz 100% & 100% & 100% & 100% & 100% & 100% & 100% & 100%
100% 100% 100% 100% 100% 100% 100% 100%

400 MHz	100%	400 MHz	100%	400 MHz	100%	400 MHz	100%
400 MHz	100%	400 MHz	100%	400 MHz	100%	400 MHz	100%
400 MHz	100%	400 MHz	100%	400 MHz	100%	400 MHz	100%
400 MHz	100%	400 MHz	100%	400 MHz	100%	400 MHz	100%



AC POWER



ON

OFF



AC FUSE
250V T15AL

MOBI PWR



ON

OFF

+37V

+12V

+6V

GND

AC

FAIL





GND +12V



MPSU PWR

FAN & SIGNAL

DC ALM	AL ALM	N.C	FAN EN
GND	GND	+24V	+24V



1-4 N.C
5-6 GND
9-12 +5V

MOBU PWR

GND	GND
+3TV	+3TV

AC IN
AC L AC N FG











5G

▲
MIMO & DC

▲
SISO

mRU



ALM



RUN



PWR

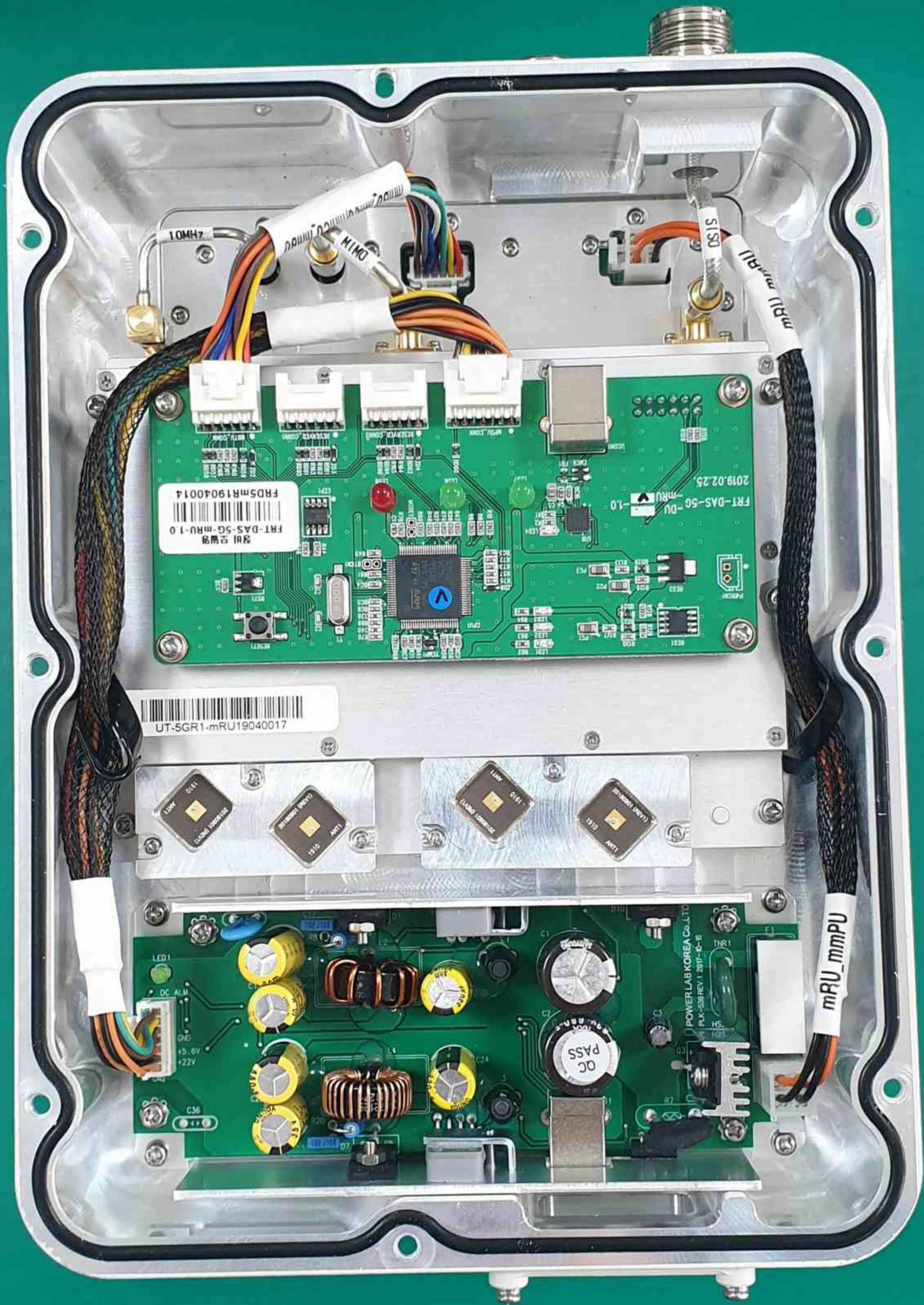
◀ GND

GND ▶

FRTek
Fiber Radio Technologies

DEBUG & S/W





FRD5MR19040014
FRT-DAS-5G-DU-mRU-1.0
2019.02.25

UT-5GR1-mRU19040017

POWER LAB KOREA Co., Ltd.
PLK-530 REV.1 2017-05-16
DC-DC
PASS
LED1
DC ALM
GND
+5.6V
+22V
C36
R20
D7
THR1
F1

mRU_mmPU



