

# THUNDER 255

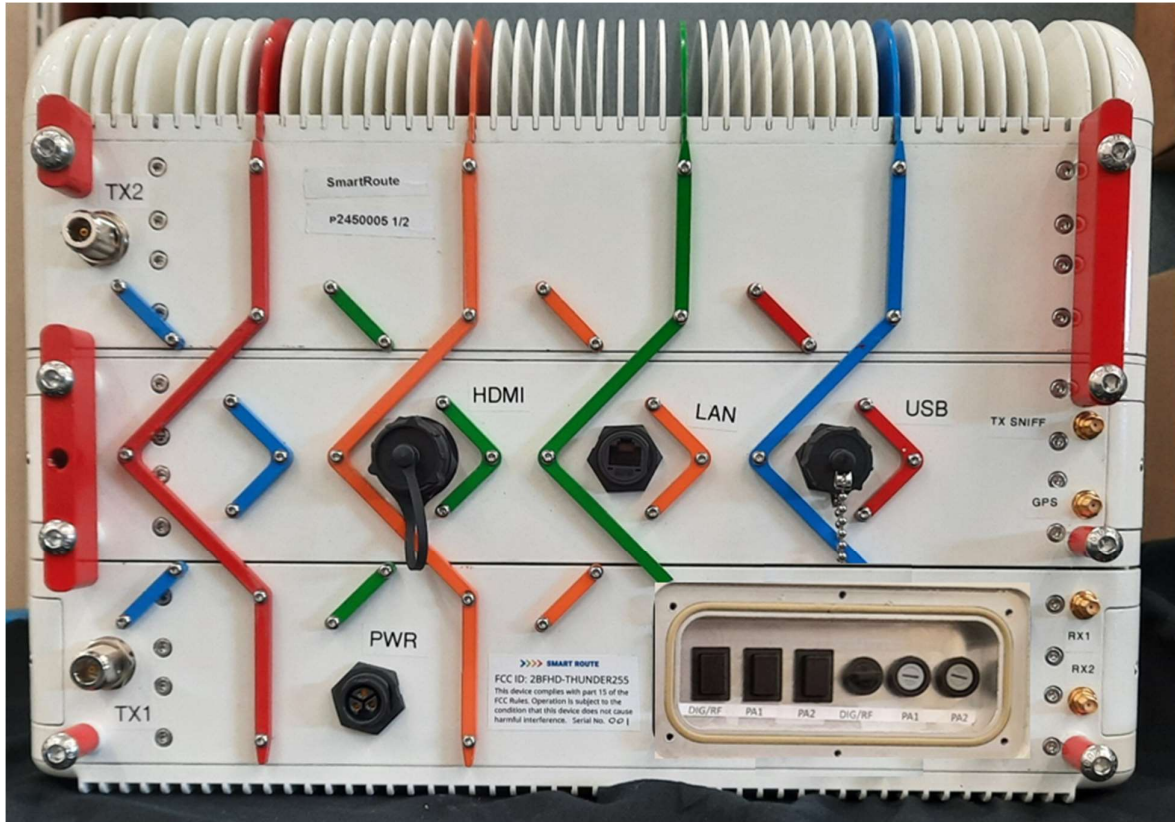
## Internal Photos

## Table of Contents

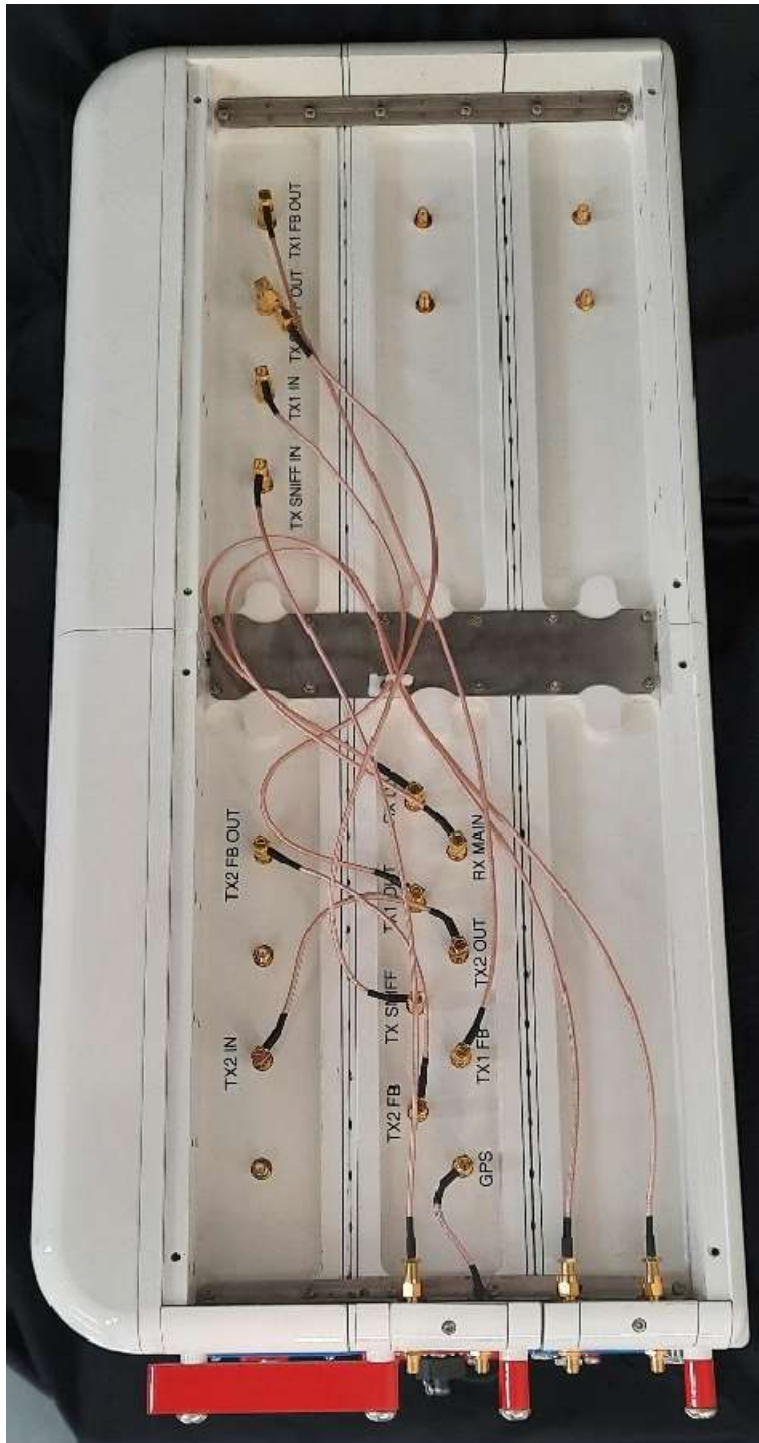
### Contents

|                                 |    |
|---------------------------------|----|
| 1. Top Assembly Photos .....    | 3  |
| 2. Power Module .....           | 6  |
| 3. Digital_RF Module .....      | 13 |
| 4. PA Module Mirror.....        | 25 |
| 5. PA Module .....              | 26 |
| 6. Duplexer Module Mirror ..... | 27 |
| 7. Duplexer Module.....         | 28 |

## 1. Top Assembly Photos



Bottom – Maintenance Panel Removed



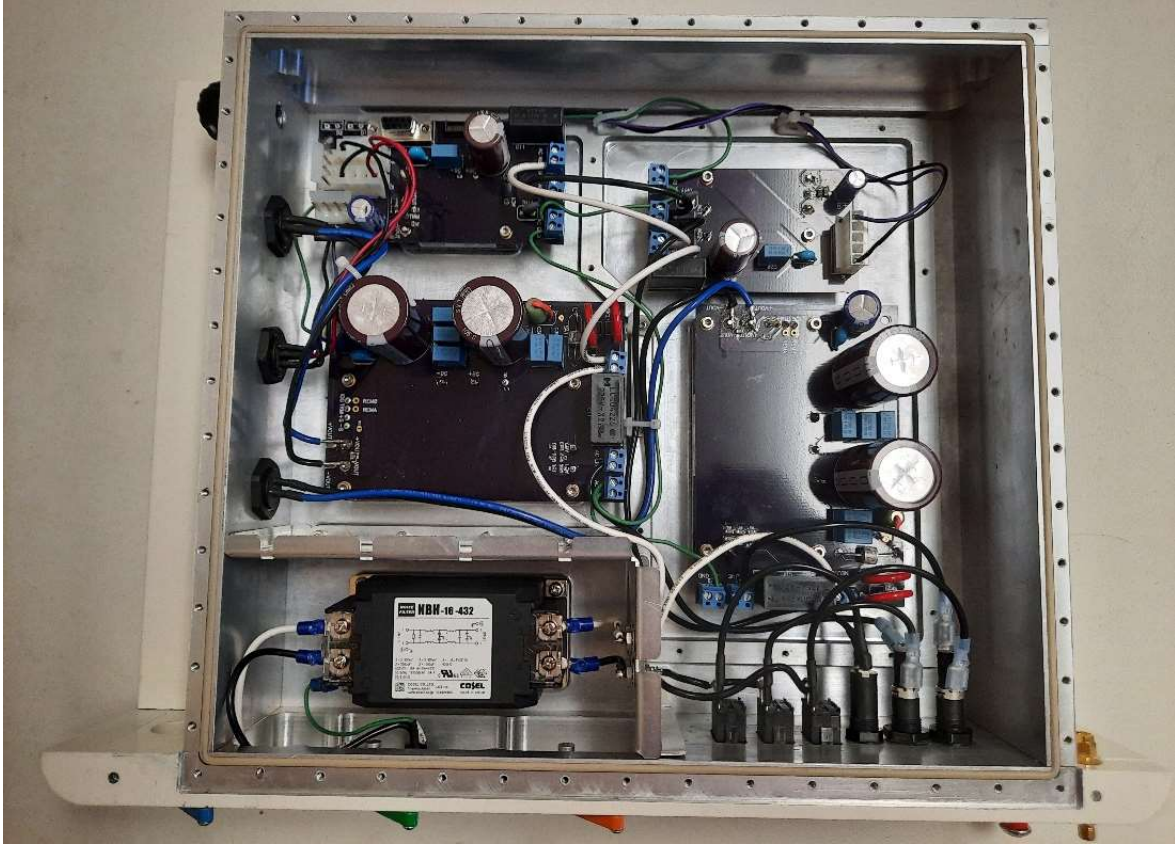
### Right Side – Cover Removed



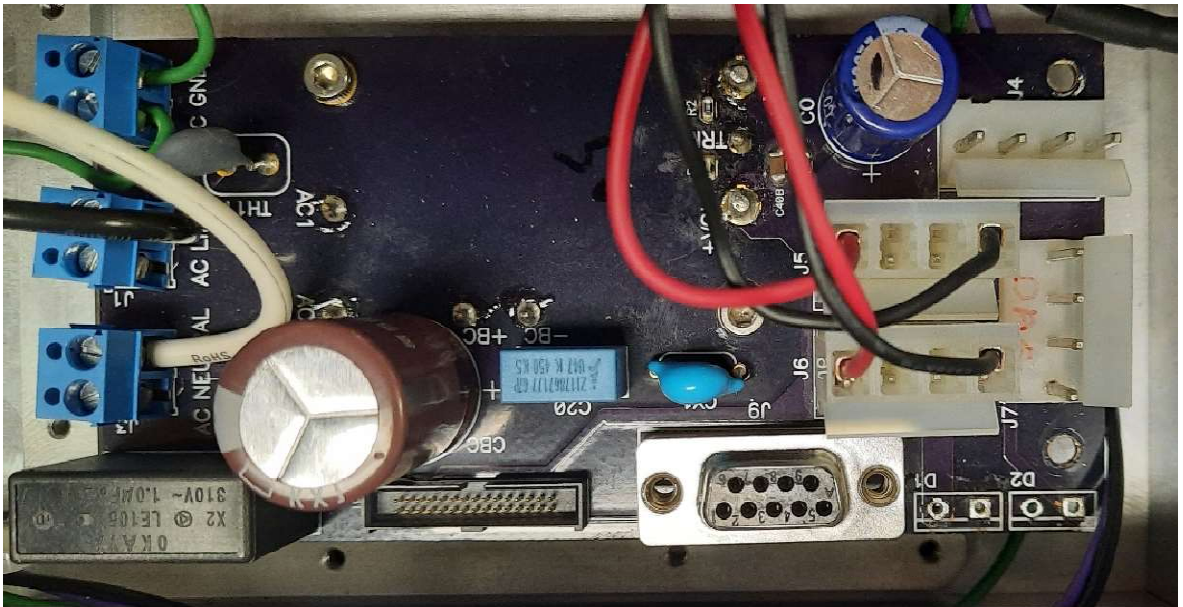
Left Side – Cover Removed



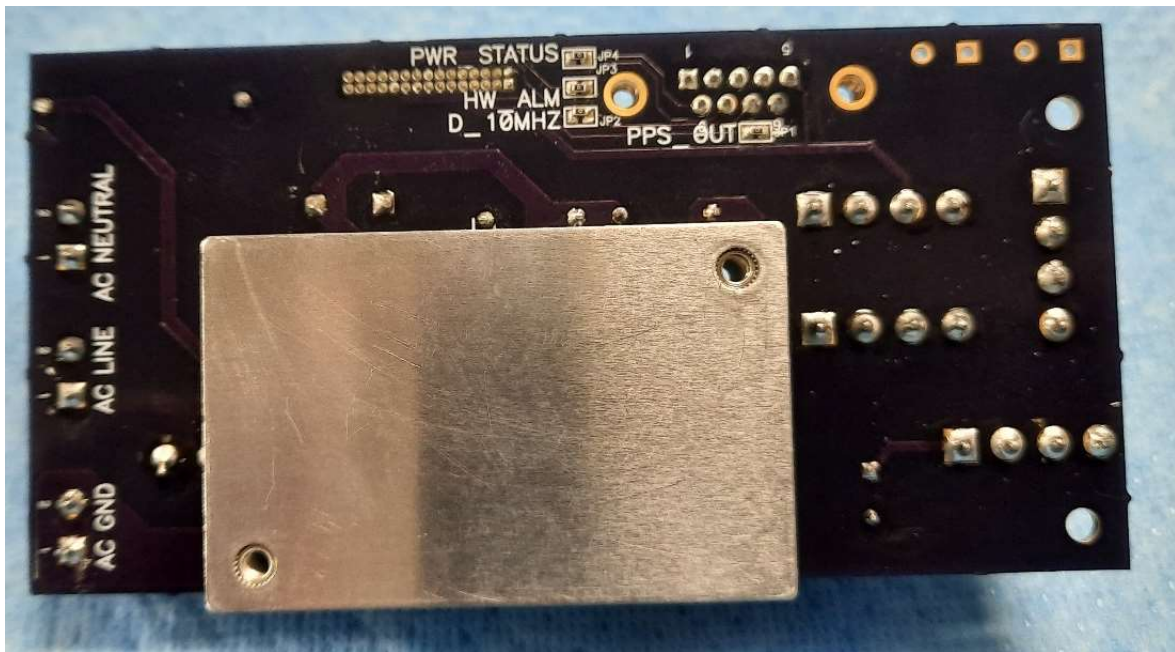
## 2. Power Module



Power Module Top Cover Removed

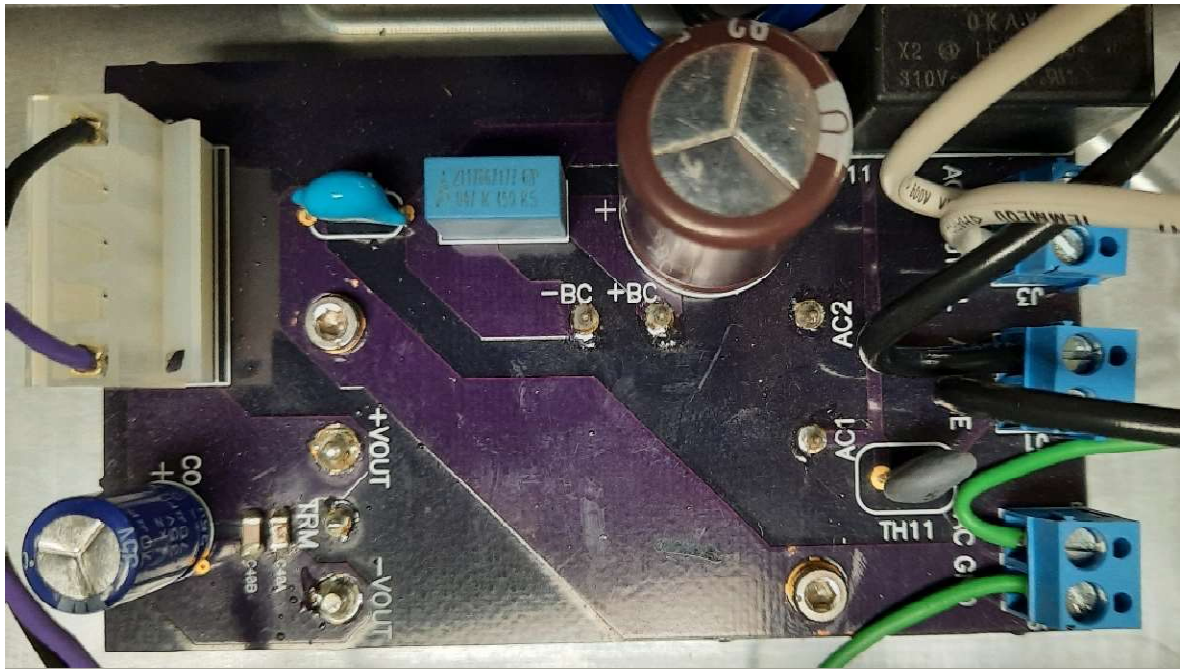


5.5V Power Supply – Top

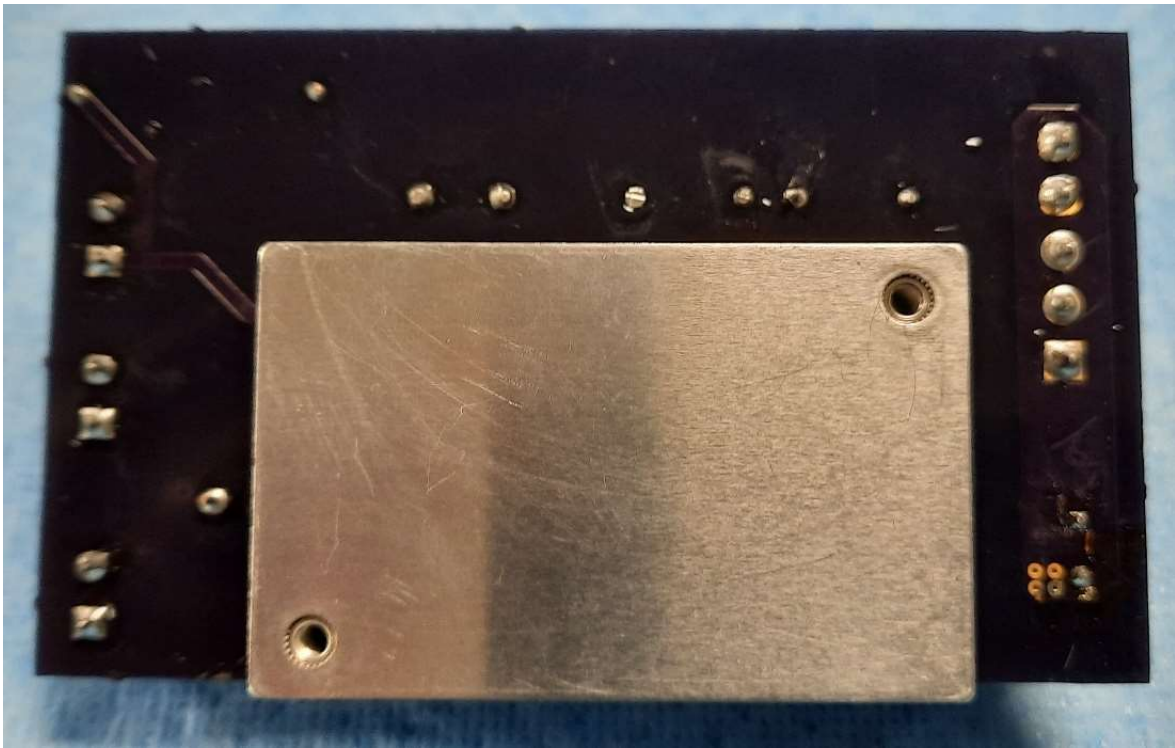


5.5V Power Supply – Bottom

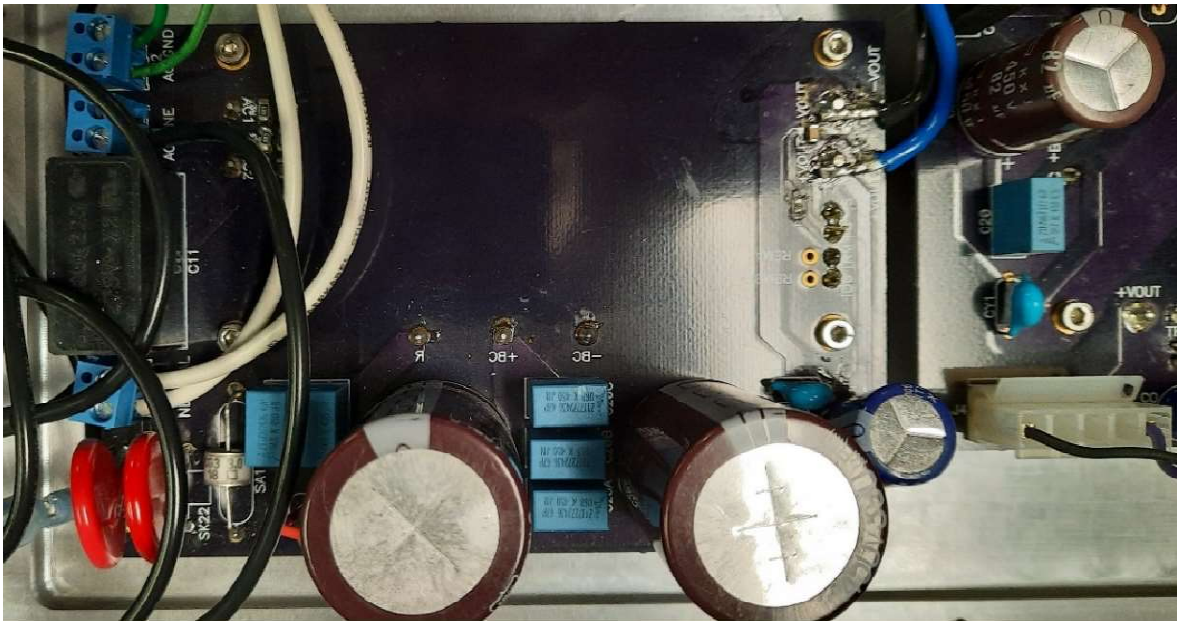




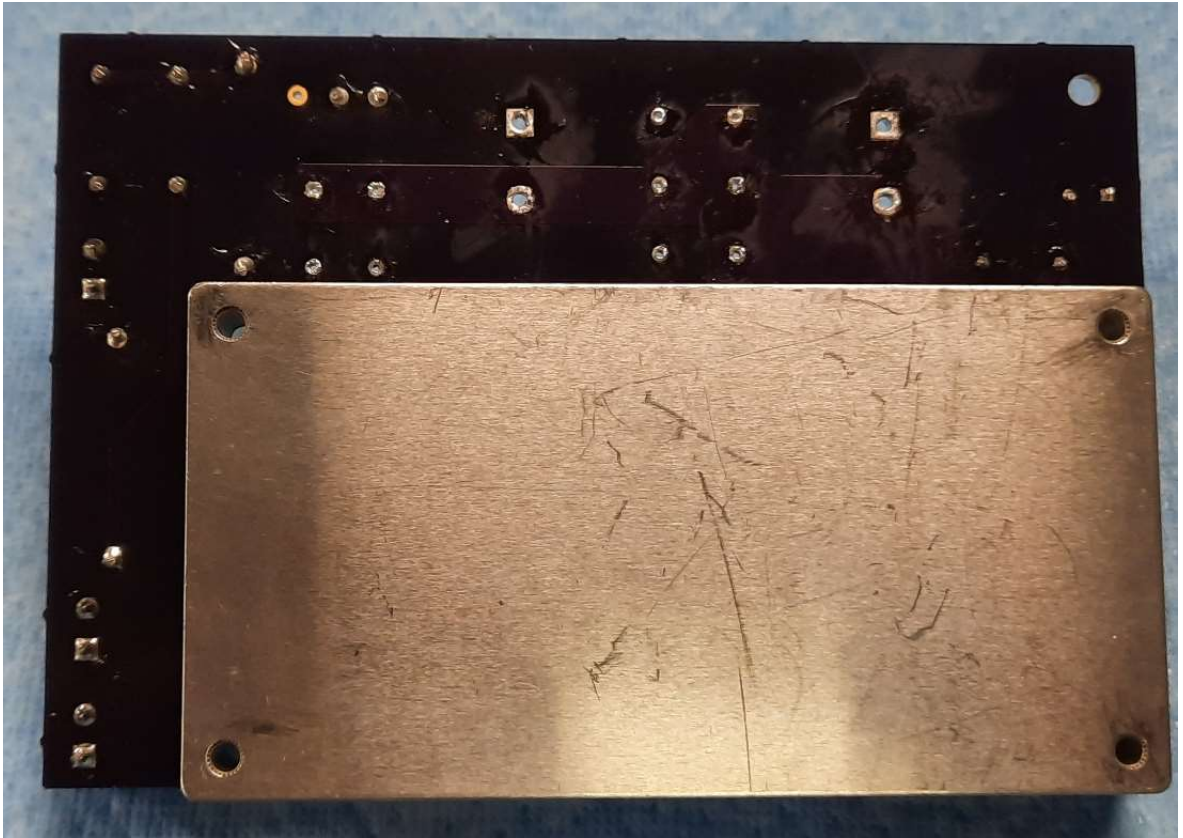
12V Power Supply – Top



12V Power Supply – Bottom



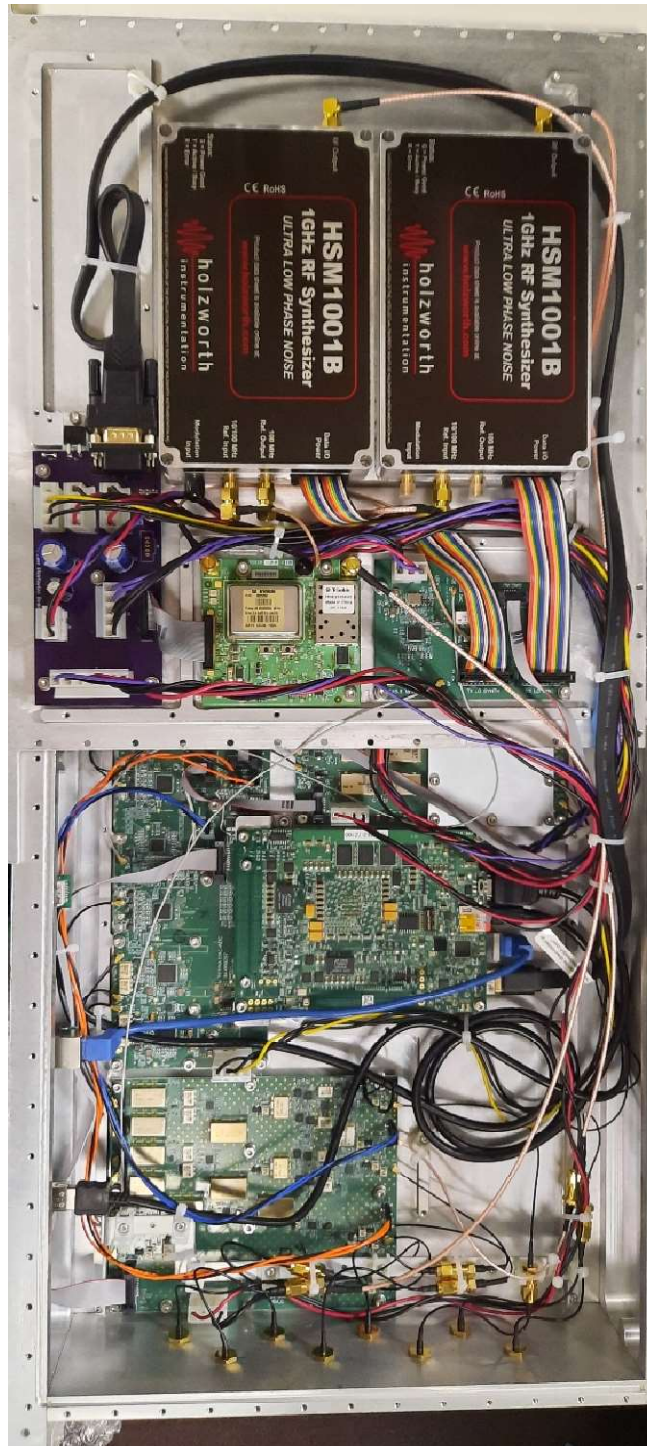
48V Power Supply – Top



48V Power Supply – Bottom



### 3. Digital\_RF Module



Digital\_RF Module Top Cover Unfolded

6525 N Lost Dutchman RD, Paradise Valley, Arizona, USA 85253

[www.smart-route.us](http://www.smart-route.us) [info@smart-route.us](mailto:info@smart-route.us)

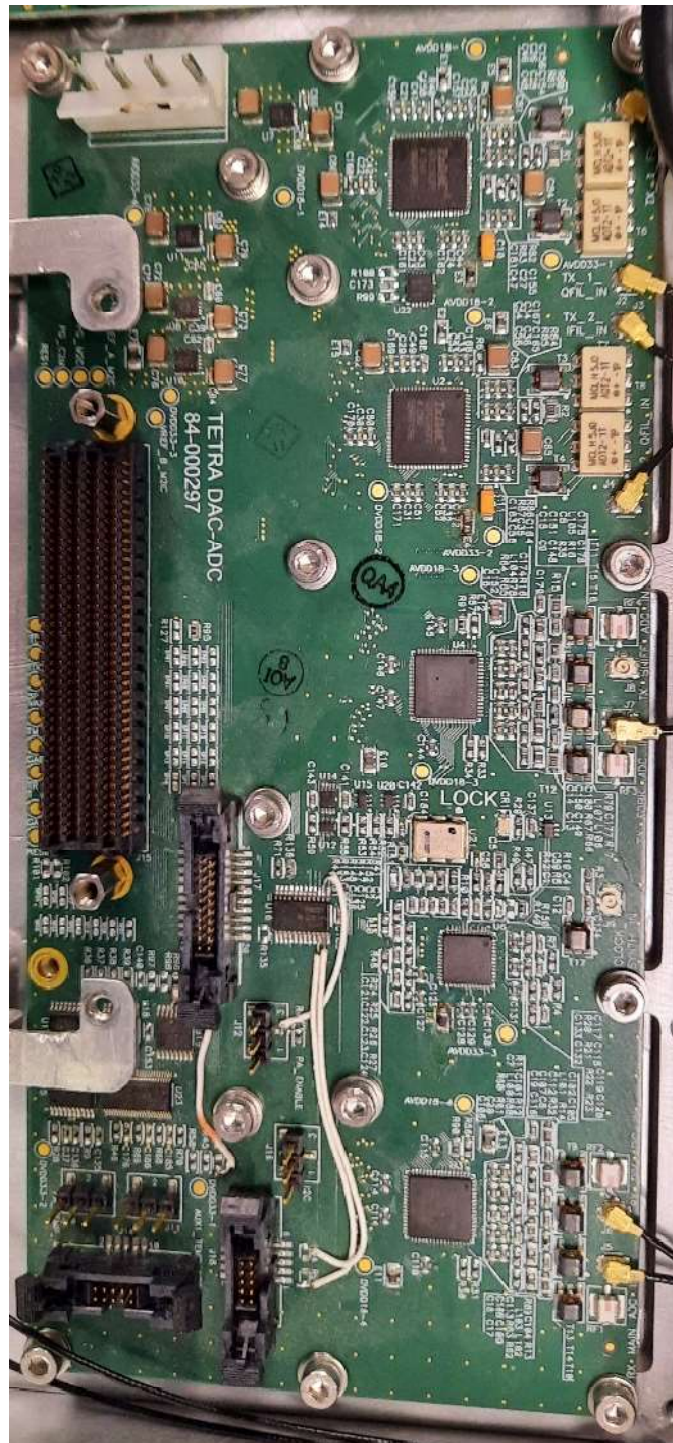




Power Distribution Board - Top

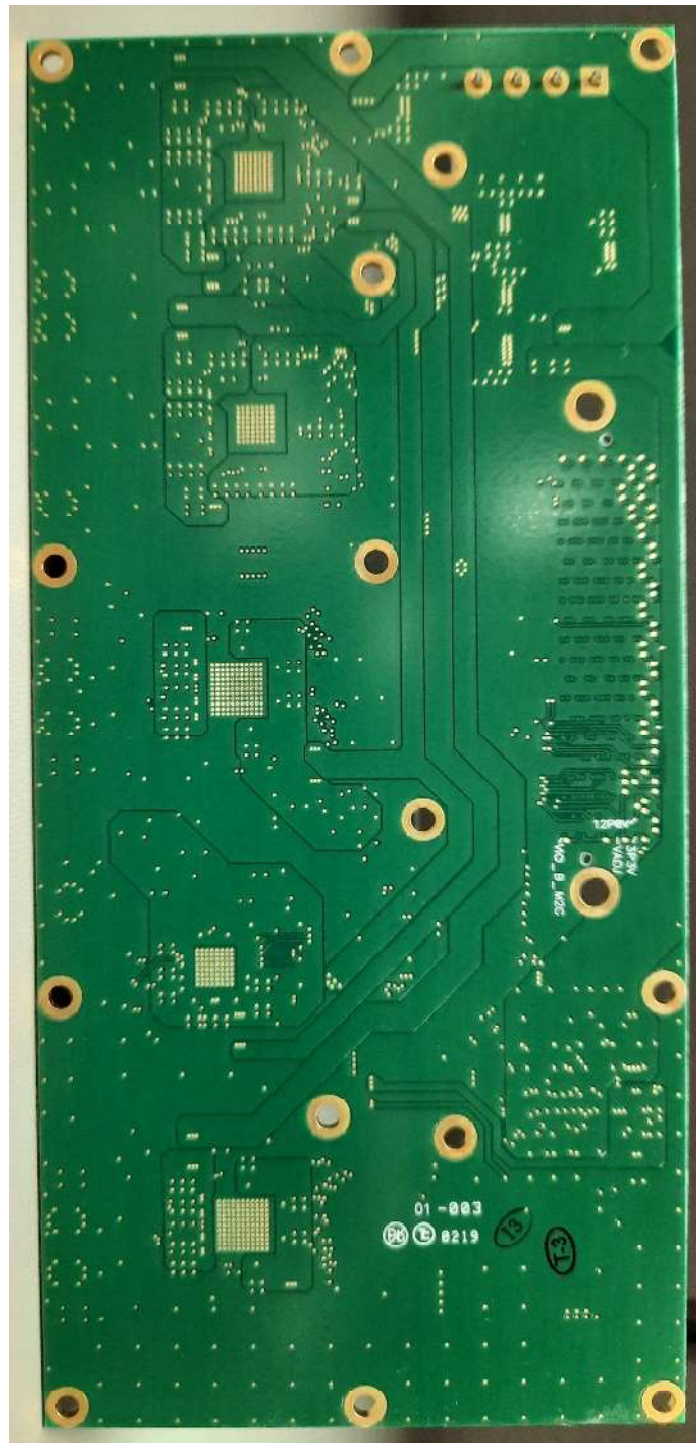


Power Distribution Board - Bottom



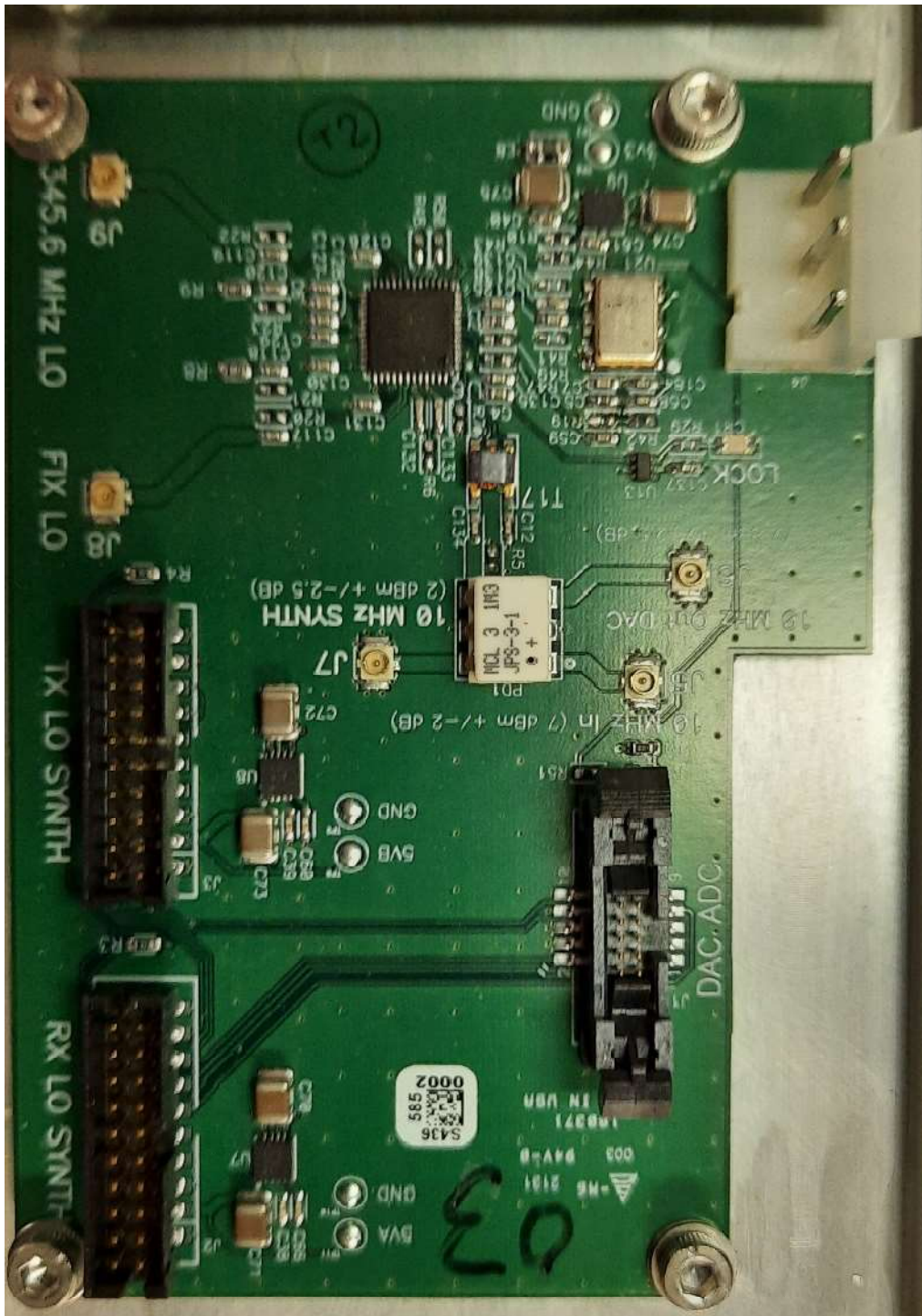
DAC\_ADC Board - Top



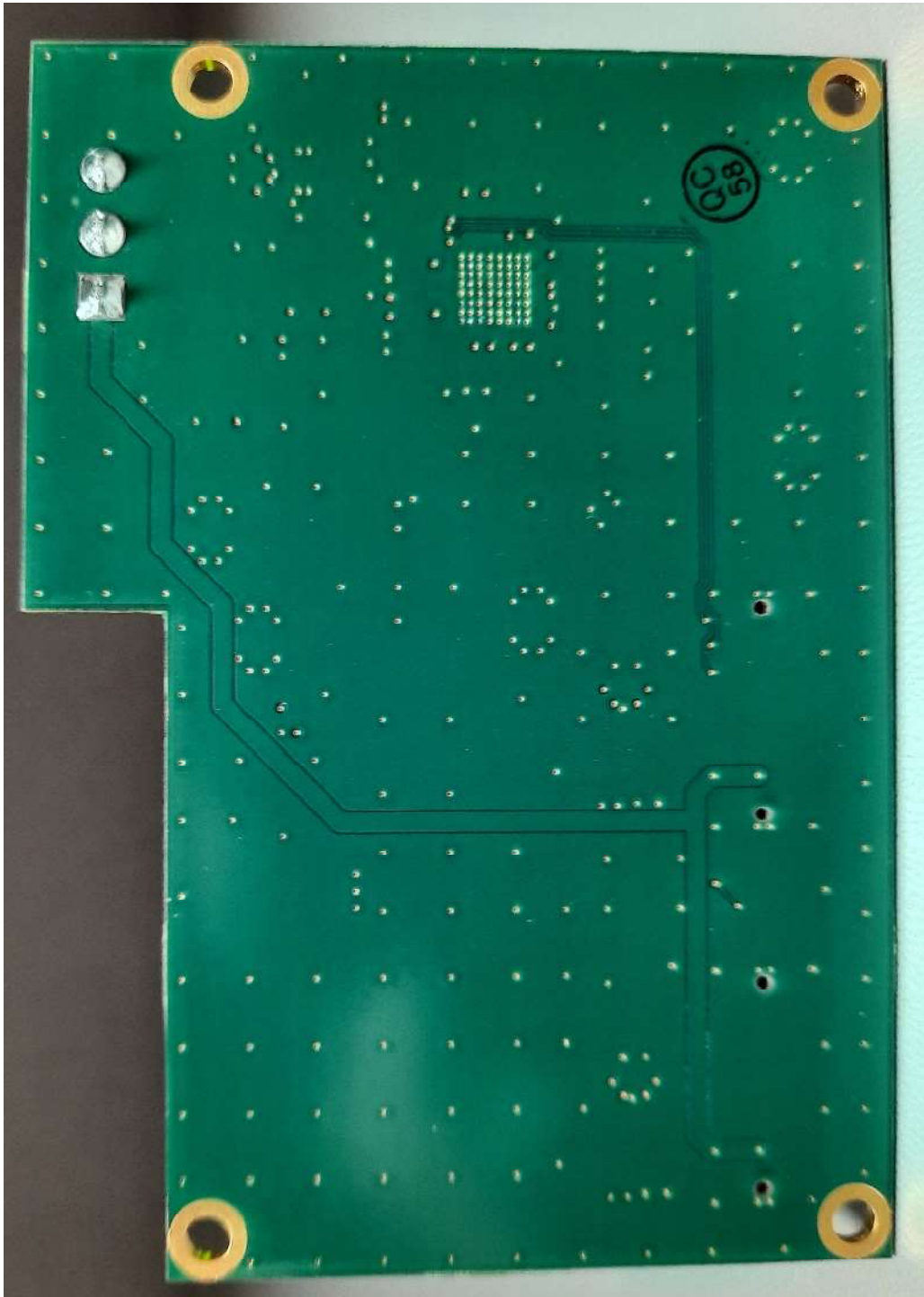


DAC\_ADC Board – Bottom



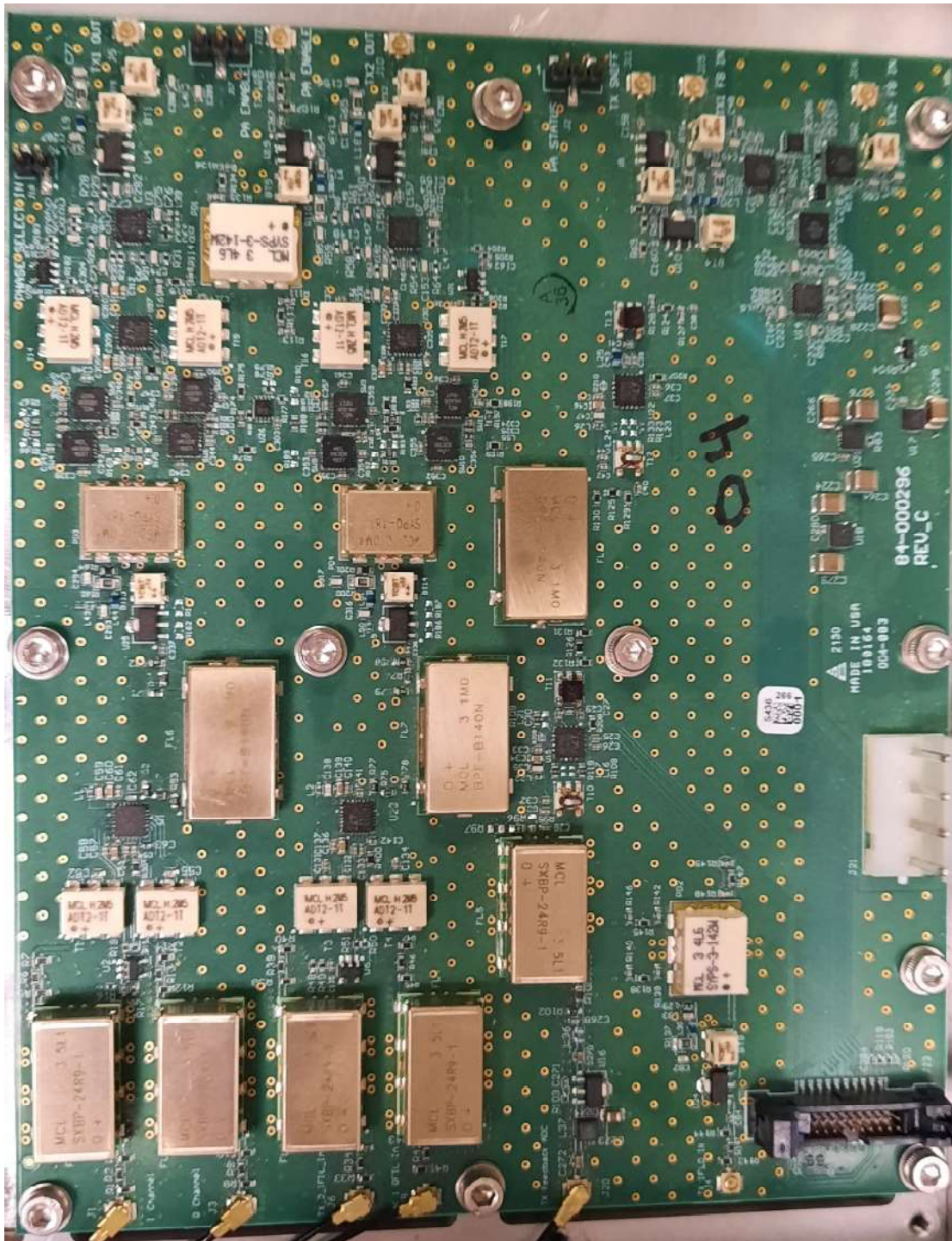


Reference Board – Top



Reference Board – Bottom

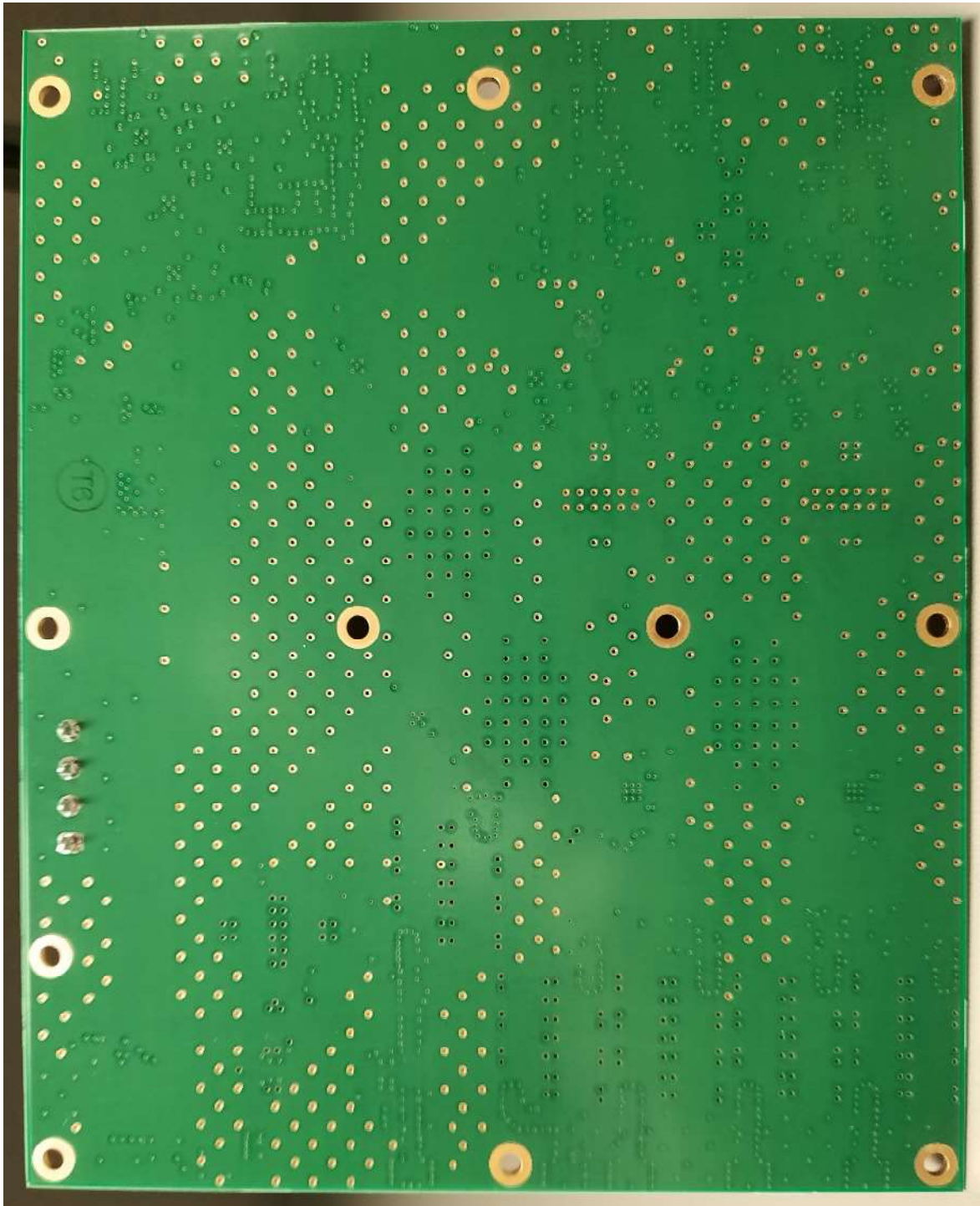




## Transmit Board – Top

6525 N Lost Dutchman RD, Paradise Valley, Arizona, USA 85253

[www.smart-route.us](http://www.smart-route.us)      [info@smart-route.us](mailto:info@smart-route.us)



Transmit Board – Bottom

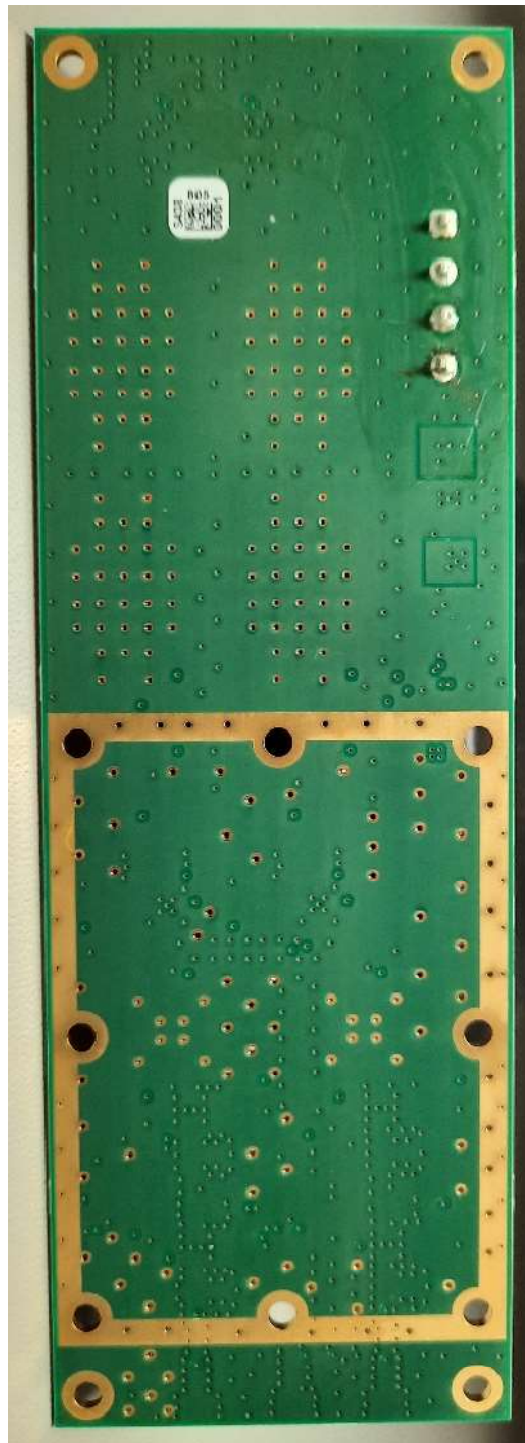




Receive Board – Top



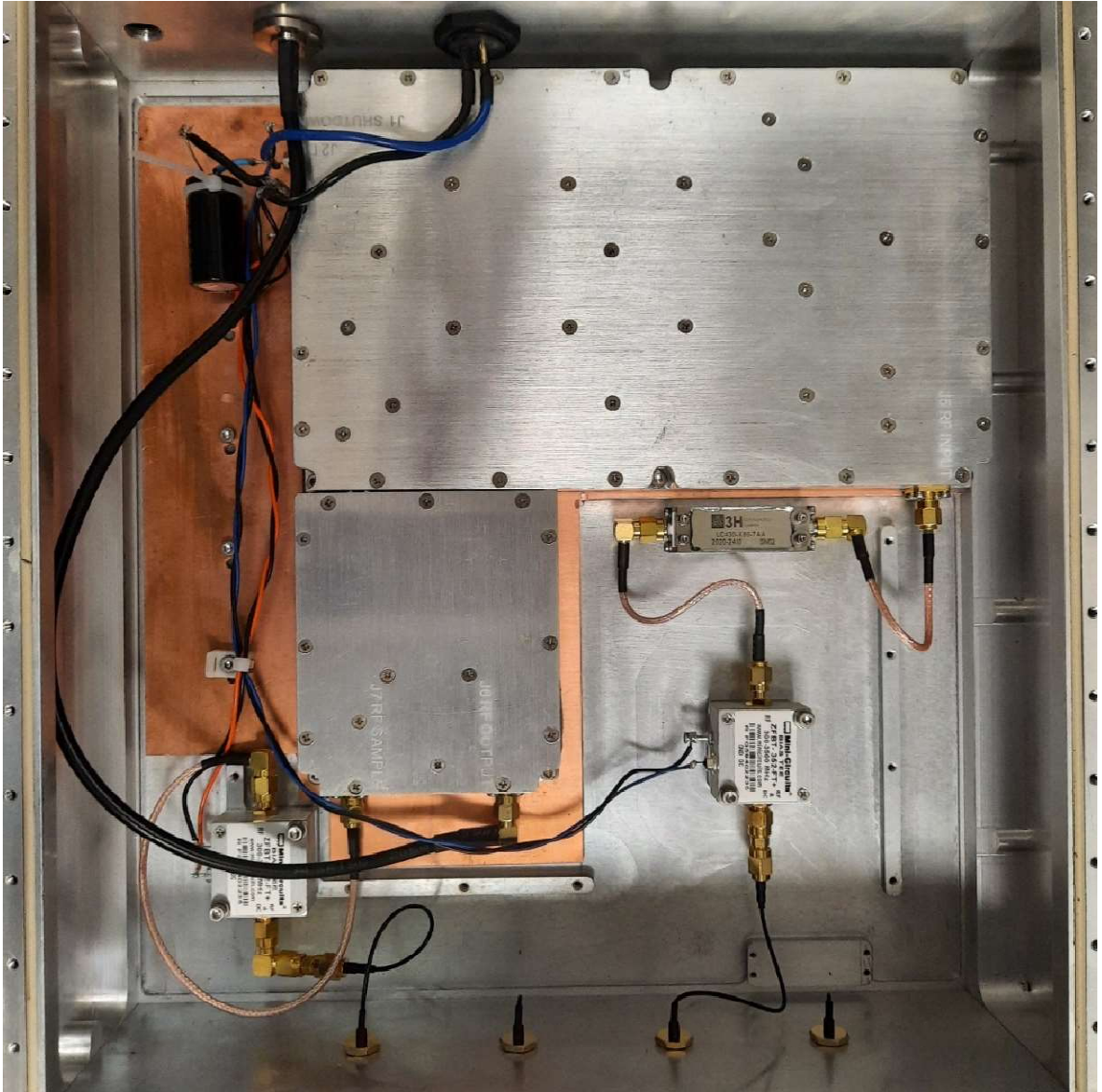
Receive Board – Top - Shield Removed



Receive Board Bottom



## 4. PA Module Mirror



PA Module Mirror Bottom Cover Removed

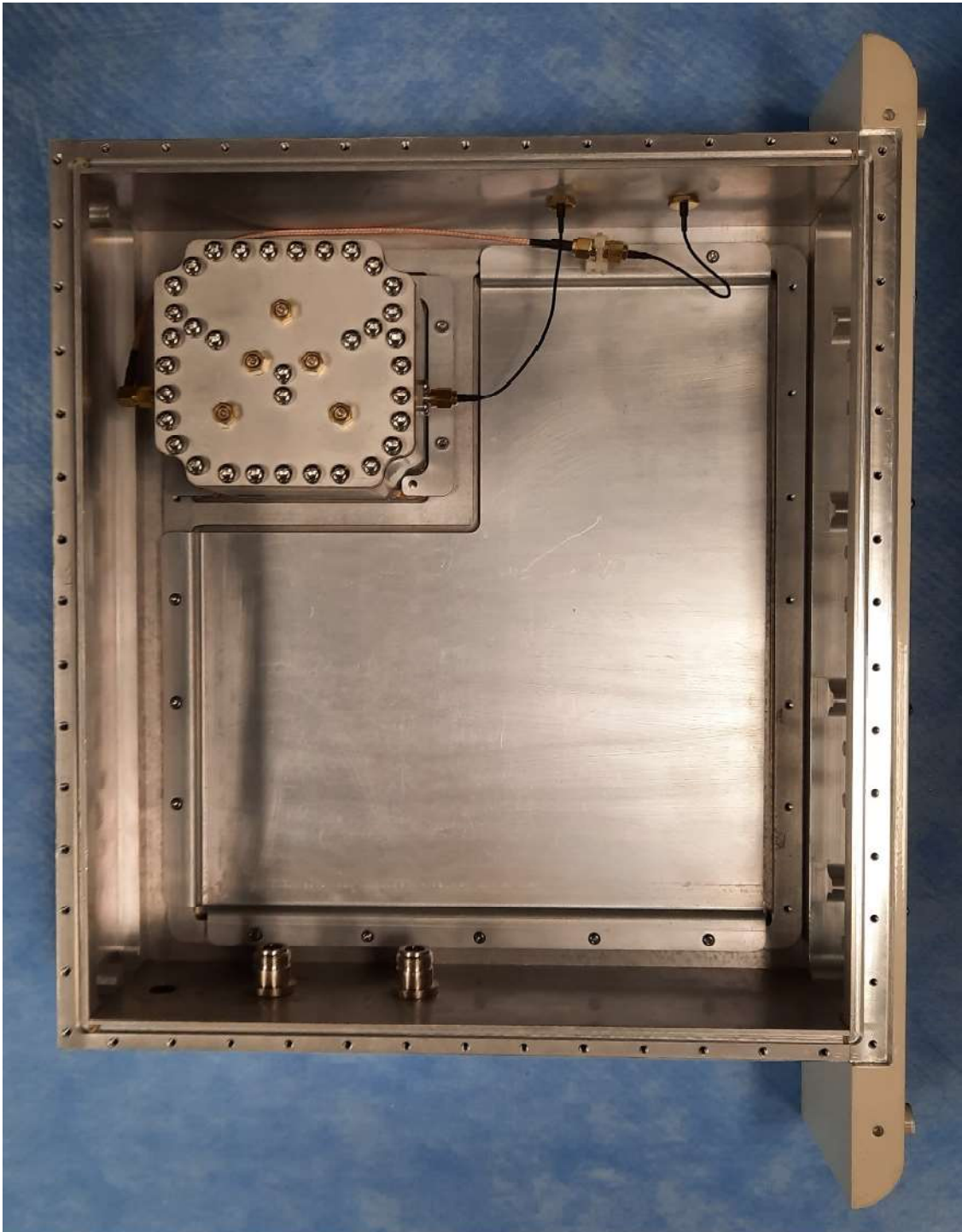
## 5. PA Module



PA Module Bottom Cover Removed



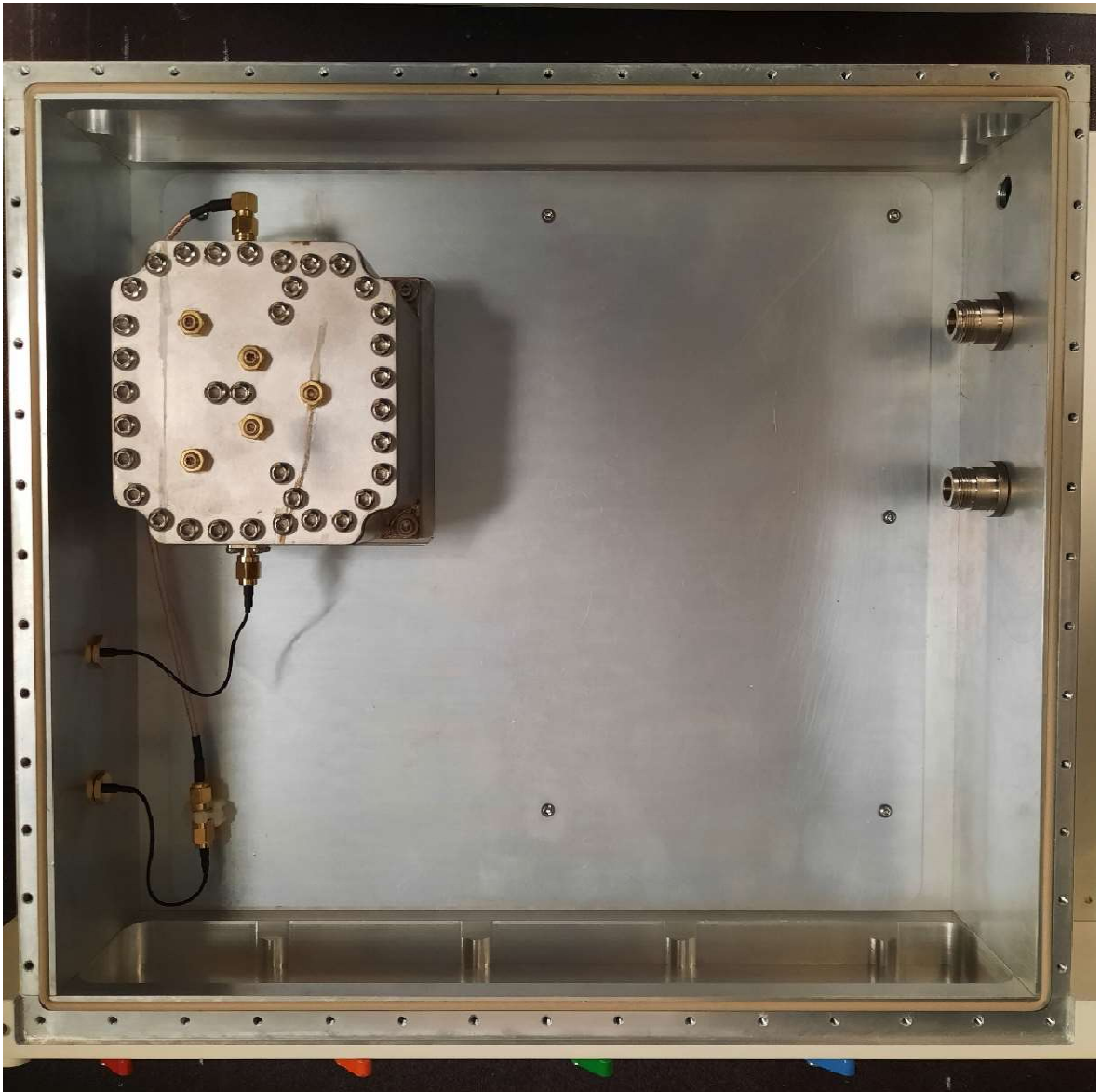
## 6. Duplexer Module Mirror



Duplexer Module Mirror Top – Cover Removed



## 7. Duplexer Module



Duplexer Module Bottom Cover Removed