

**Chelton Avionics, Inc. dba Wulfsberg Electronics Division and  
Cobham Aerospace Communications**

Communication Products  
6400 Wilkinson Drive  
Prescott, AZ USA 86301

# RT-5000P Internal Pictures

Part numbers 400-015525-0101, 400-015525-0501, and 400-015525-51XX to 400-015525-61XX inclusive.

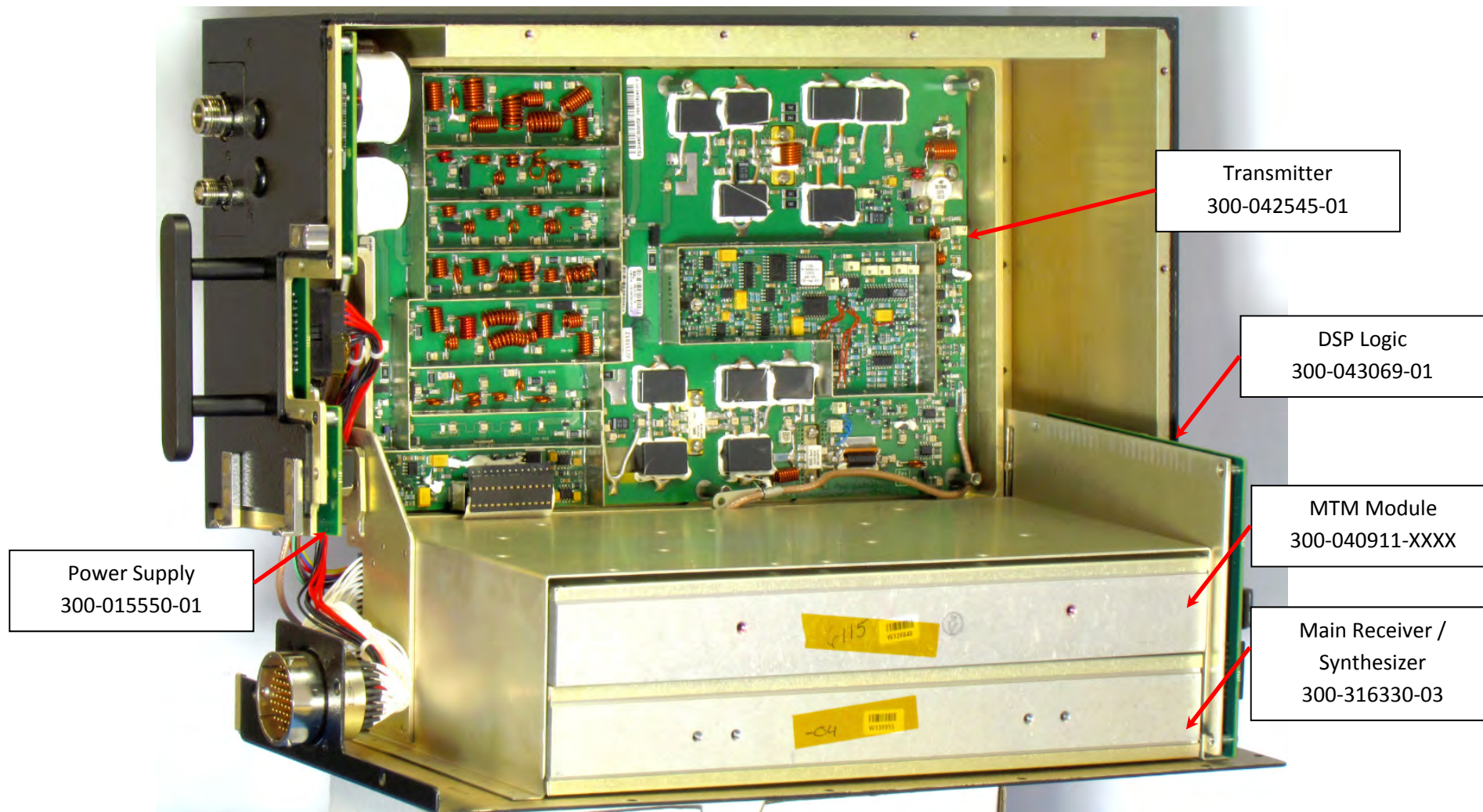
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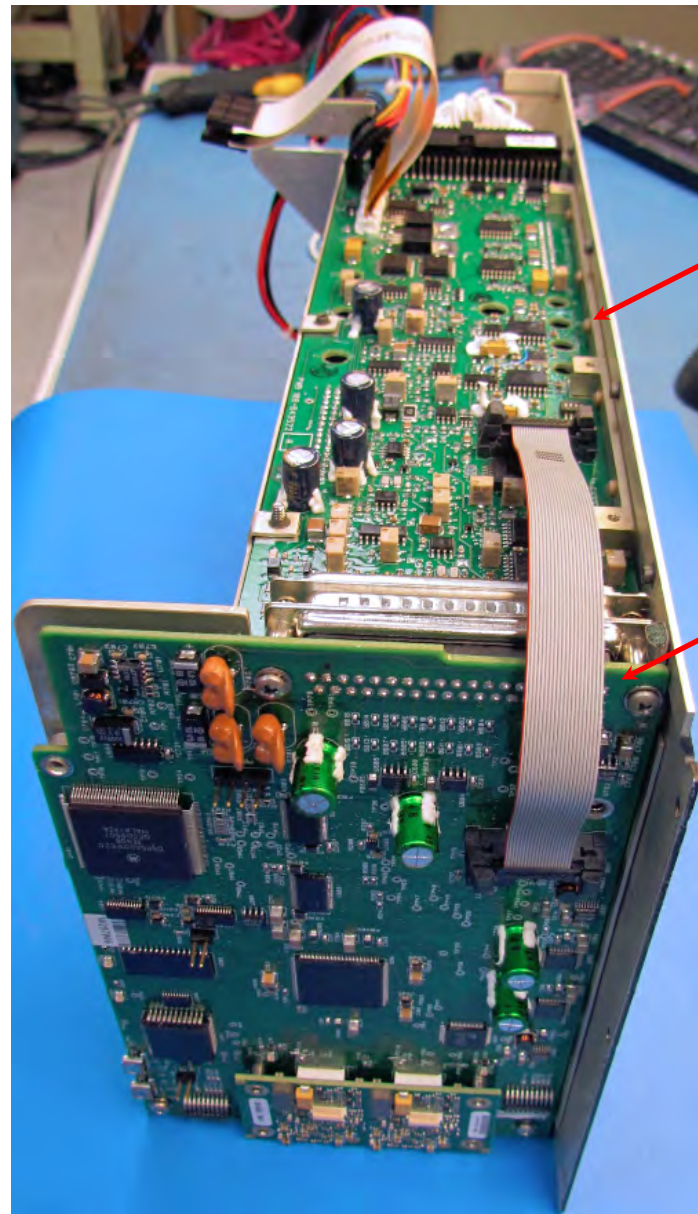
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## 1 INTERNAL VIEWS

### 1.1 RADIO OPEN VIEW



## 1.2 DSP, MSM, and Mother Boards assembled



Mother Board  
300-043522-01

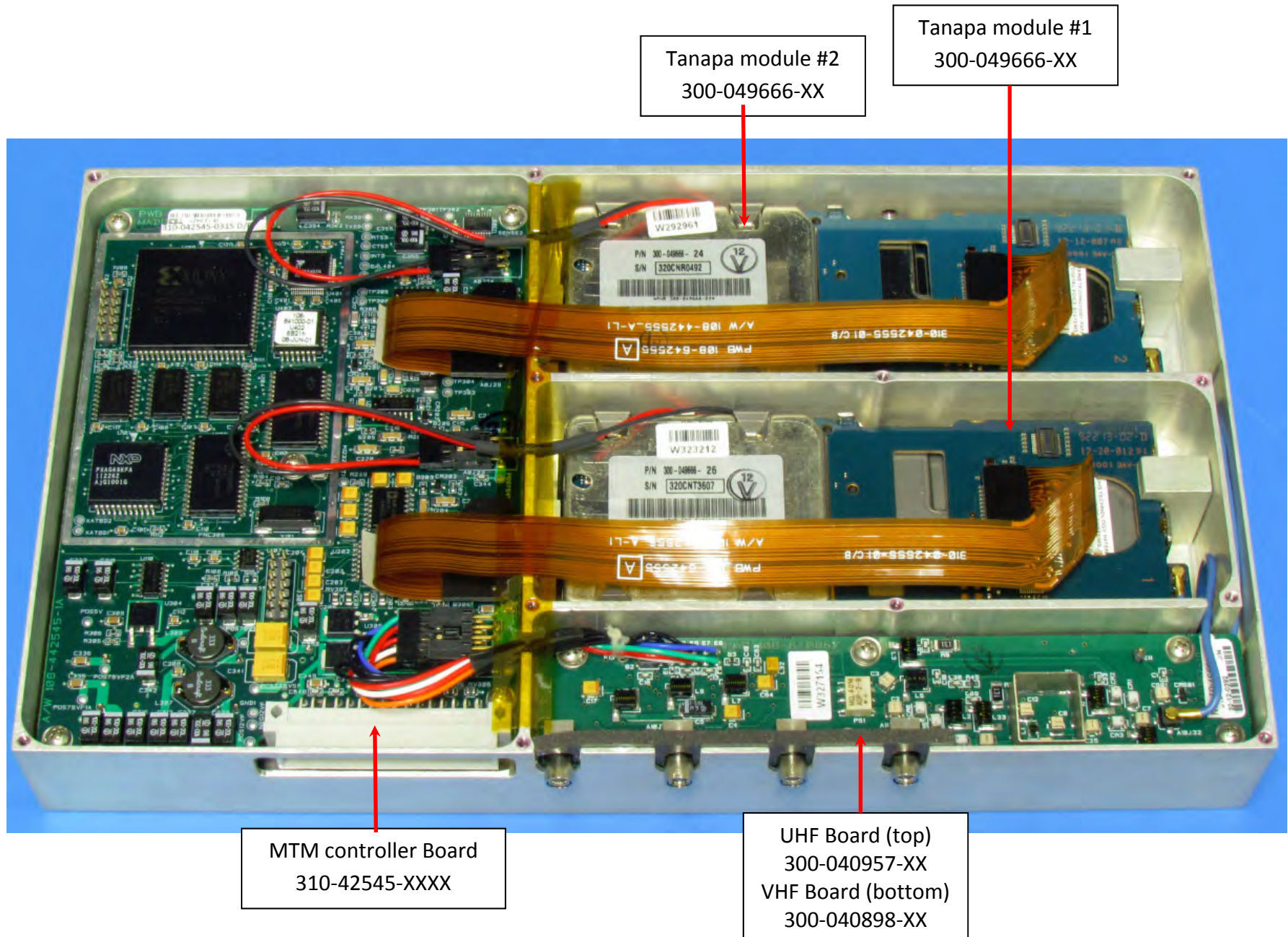
DSP Logic Board  
300-043069-01



### 1.3 MTM MODULE, 300-040911-XXXX

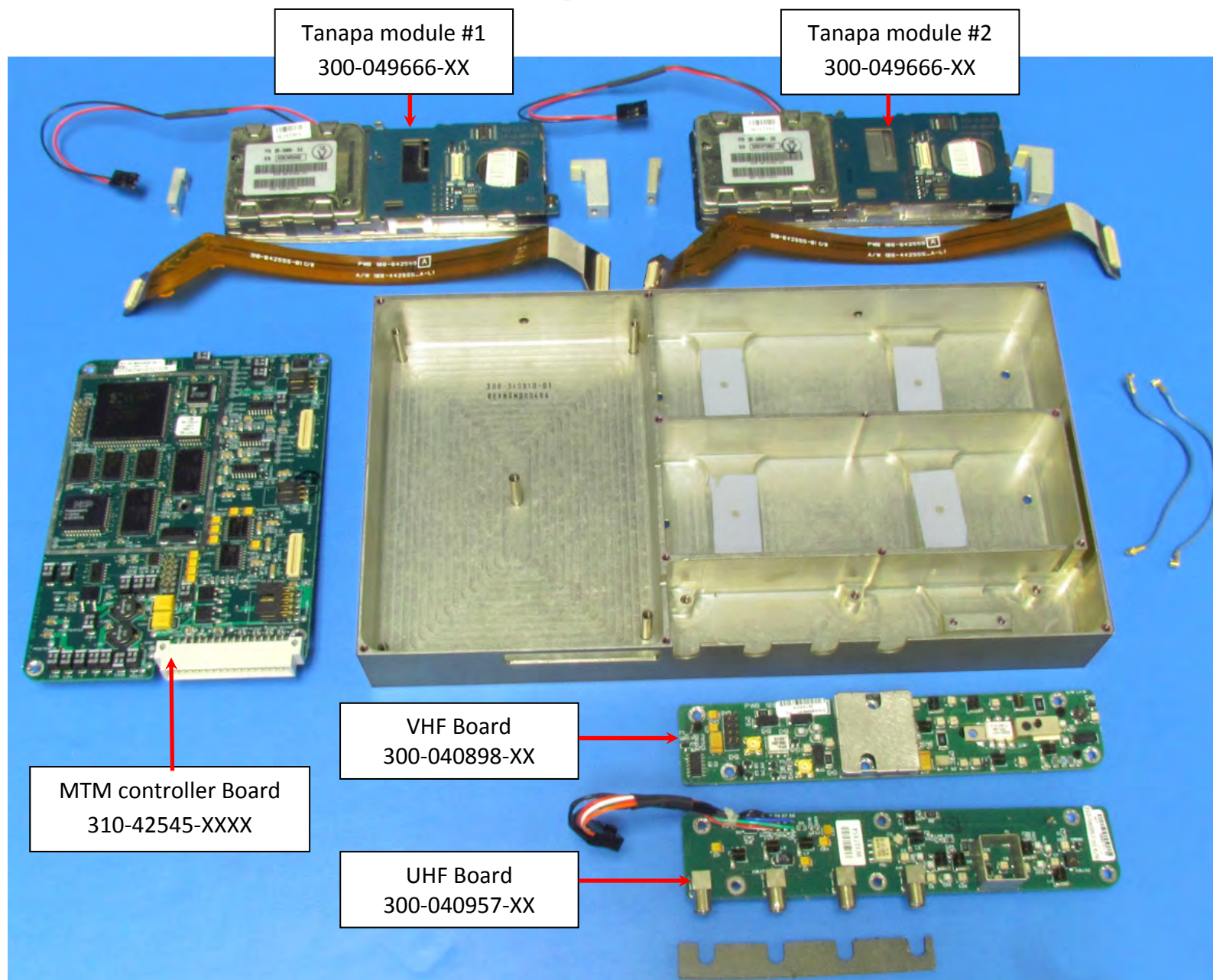


# 1.4 MTM GUARD MODULE, 300-040911-XXXX, WITHOUT COVER

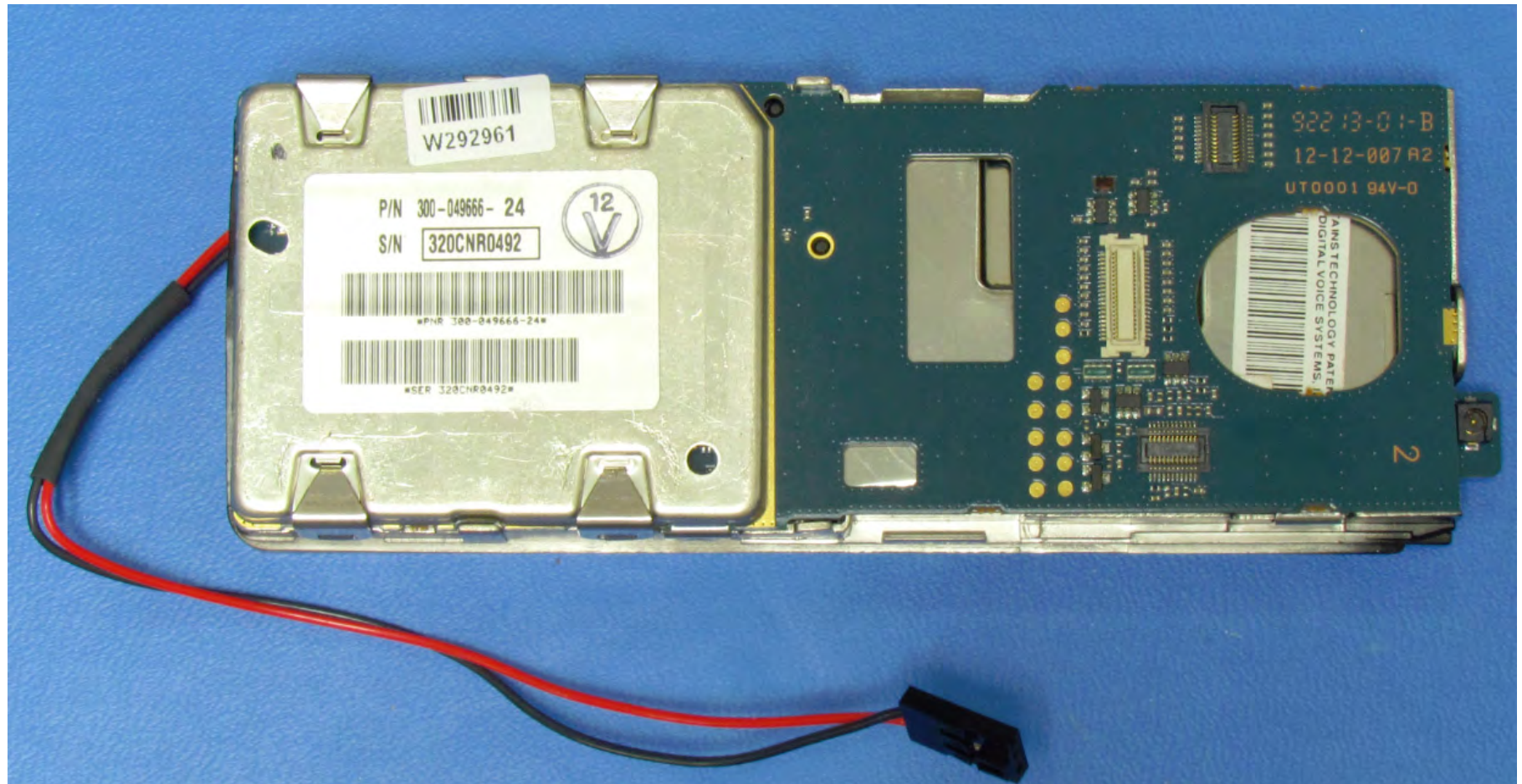




# 1.5 MTM GUARD MODULE, 300-040911-XXXX, Explode View

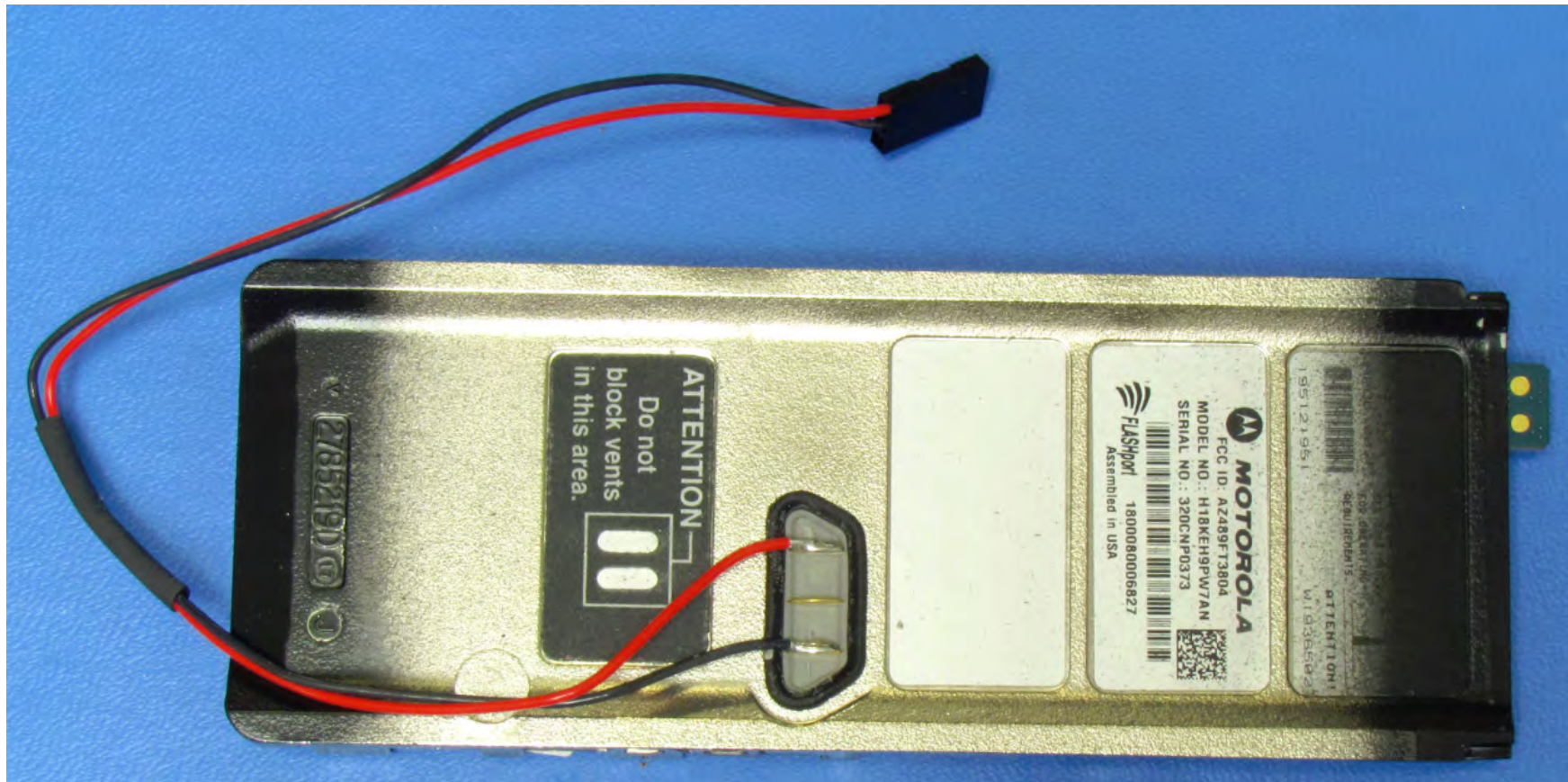


## 1.6 TANAPA MODULE, 300-049666-XX, Top Side



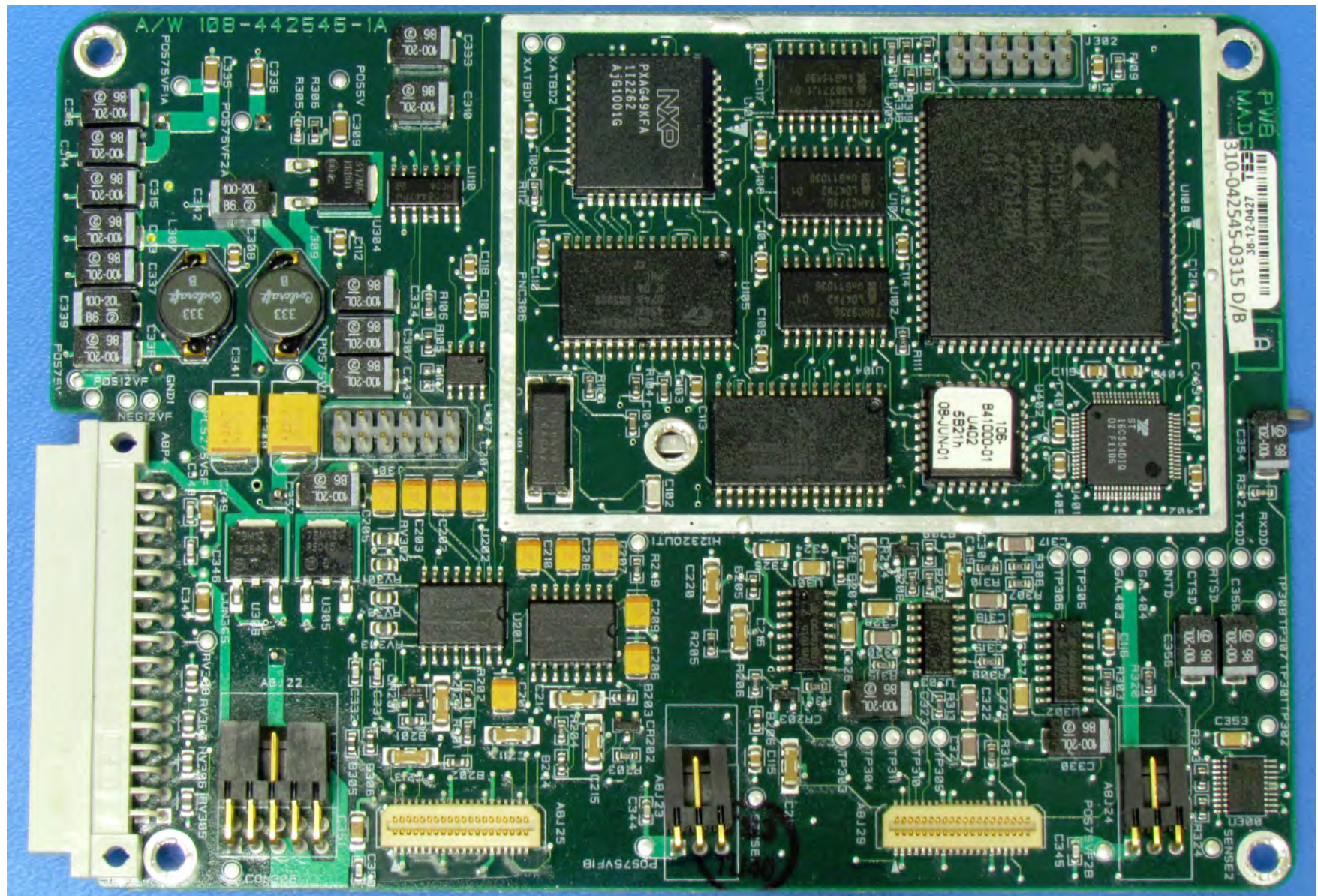


## 1.7 TANAPA MODULE, 300-049666-XX, Bottom Side



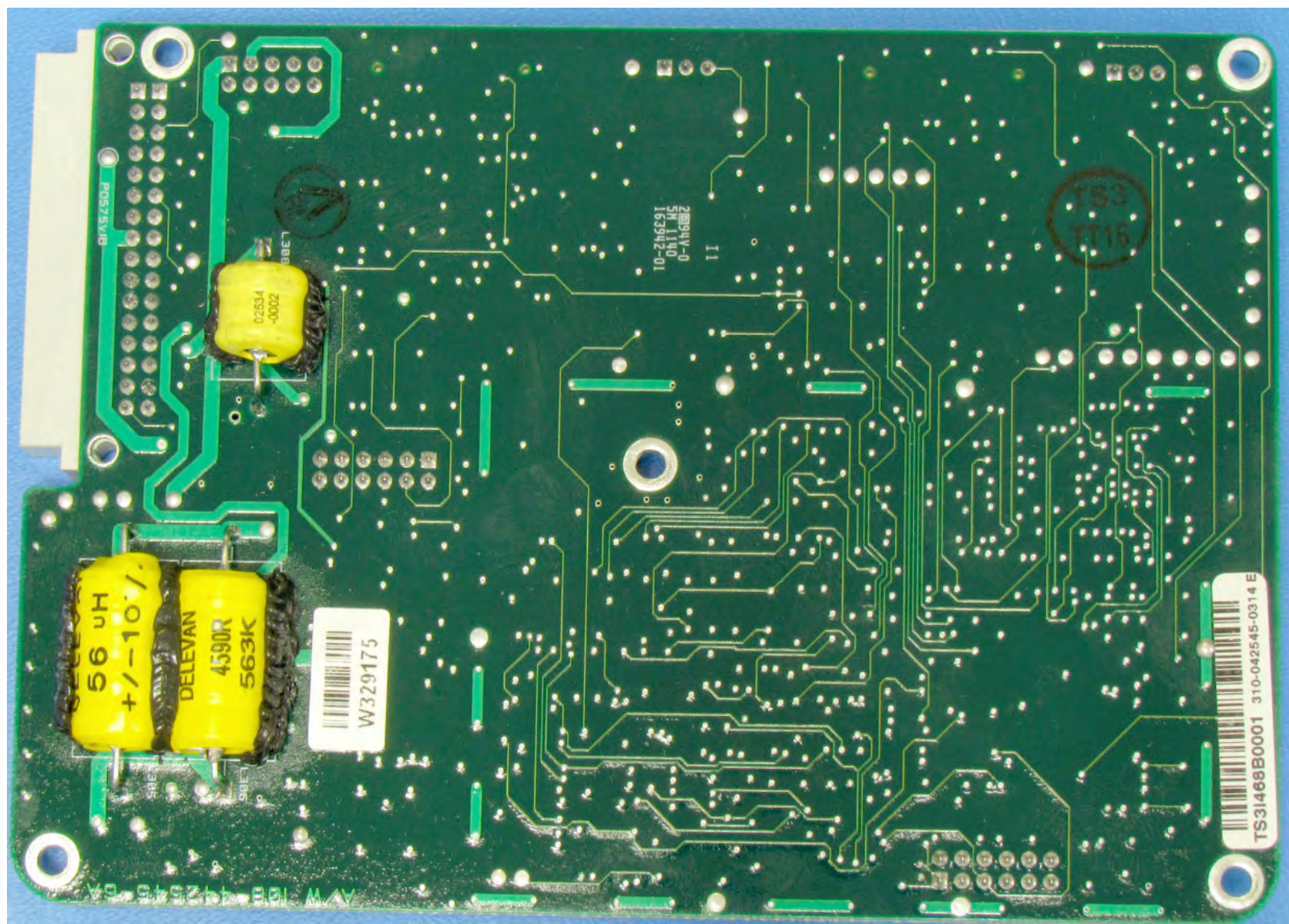


## 1.8 MTM CONTROLLER BOARD, 310-42545-XXXX, Front Side



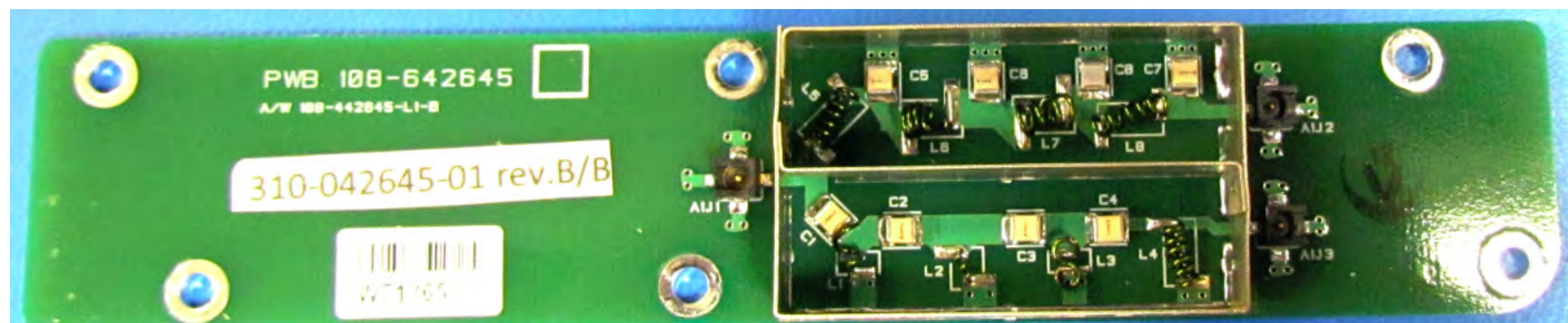


# 1.9 MTM CONTROLLER BOARD, 310-42545-XXXX, Back Side

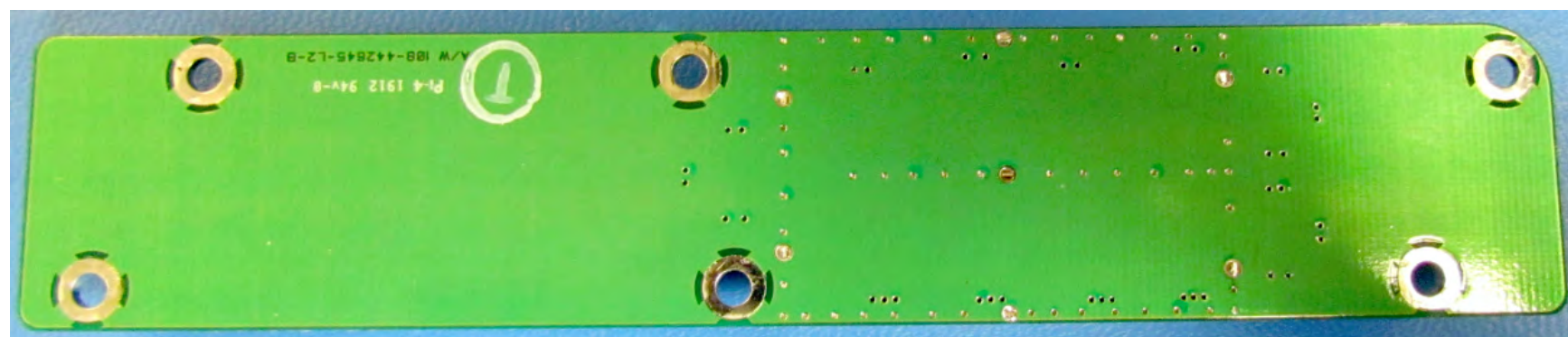




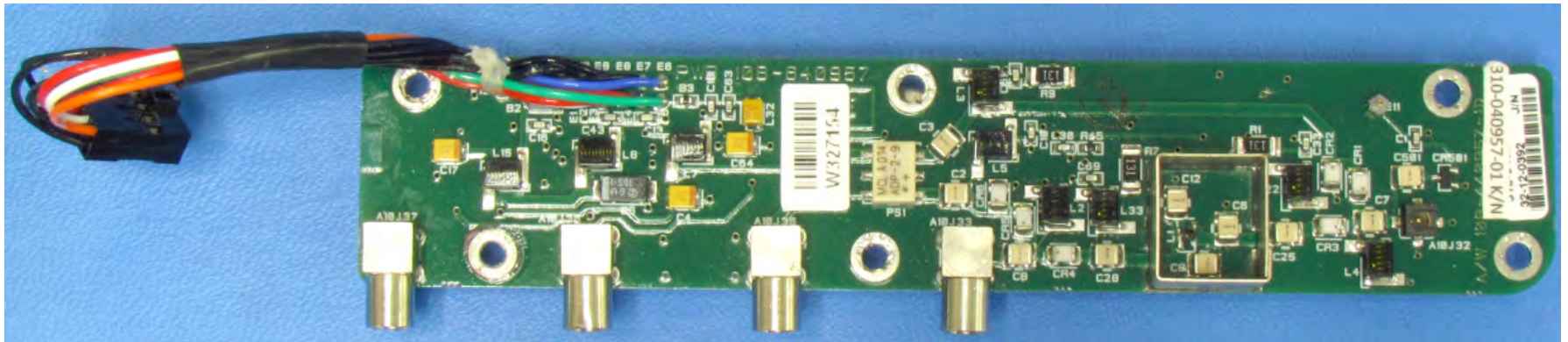
# **1.10 DIPLEXER BOARD, 300-042645-01, Top Side**



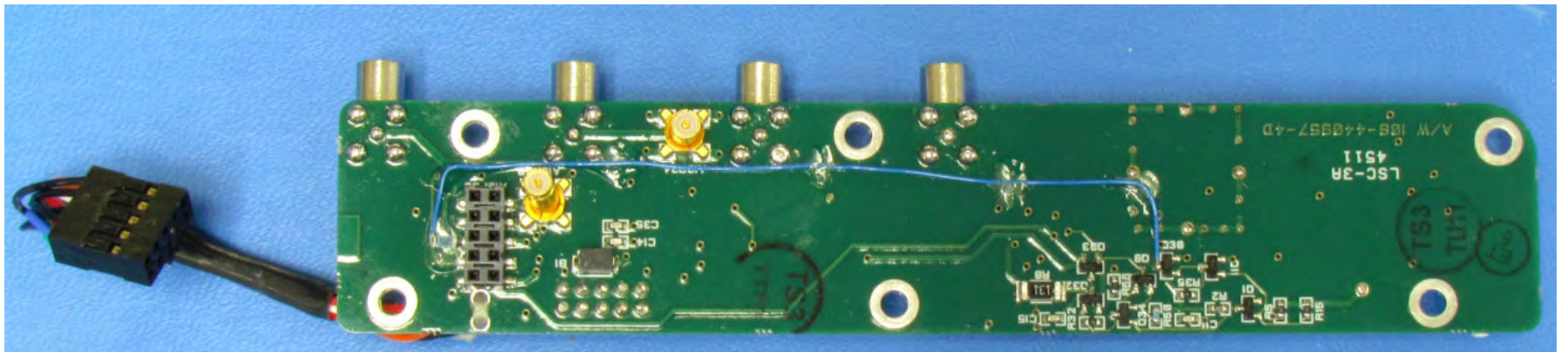
# **1.11 DIPLEXER BOARD, 300-042645-01, Bottom Side**



### 1.12 UHF BOARD, 300-040957-XX, Top Side

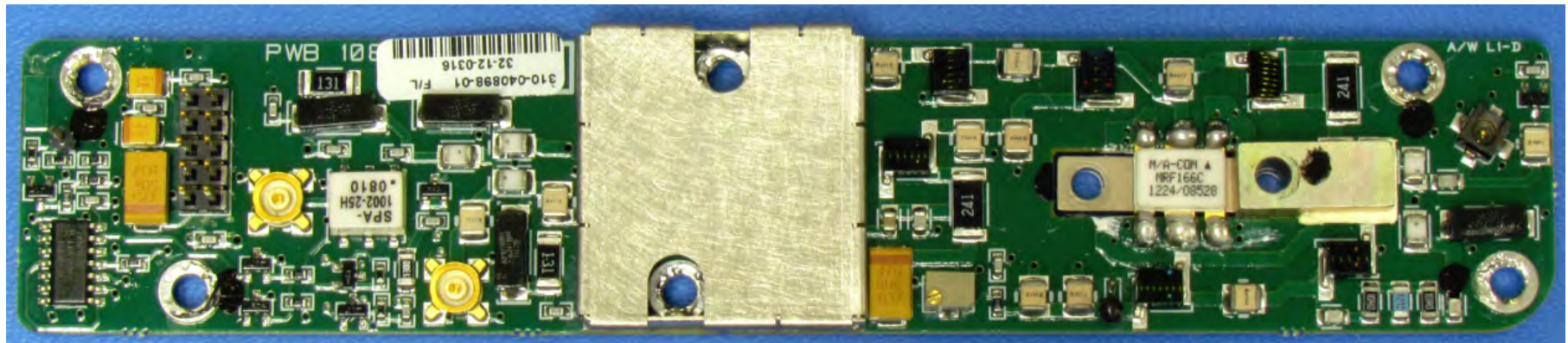


### 1.13 UHF BOARD, 300-040957-XX, Bottom Side

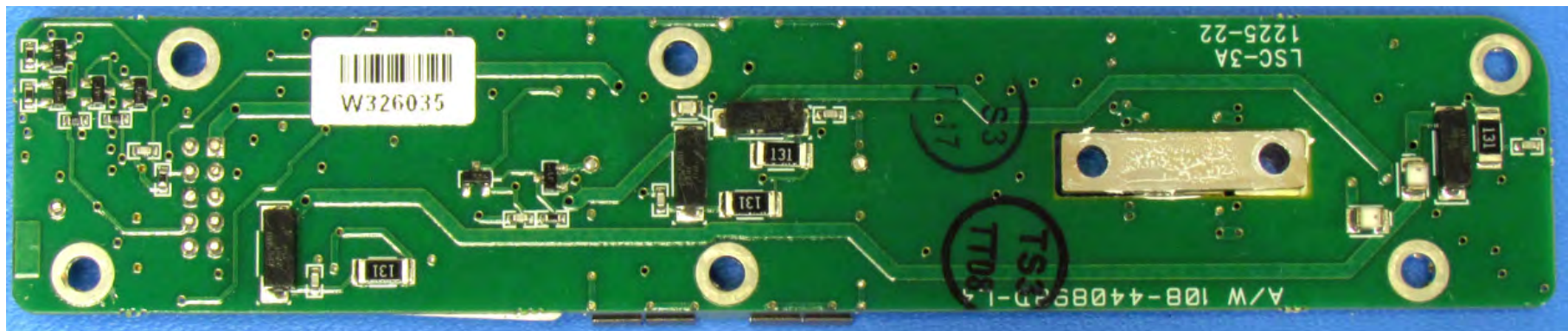




### 1.14 VHF BOARD, 300-040898-XX, Top Side



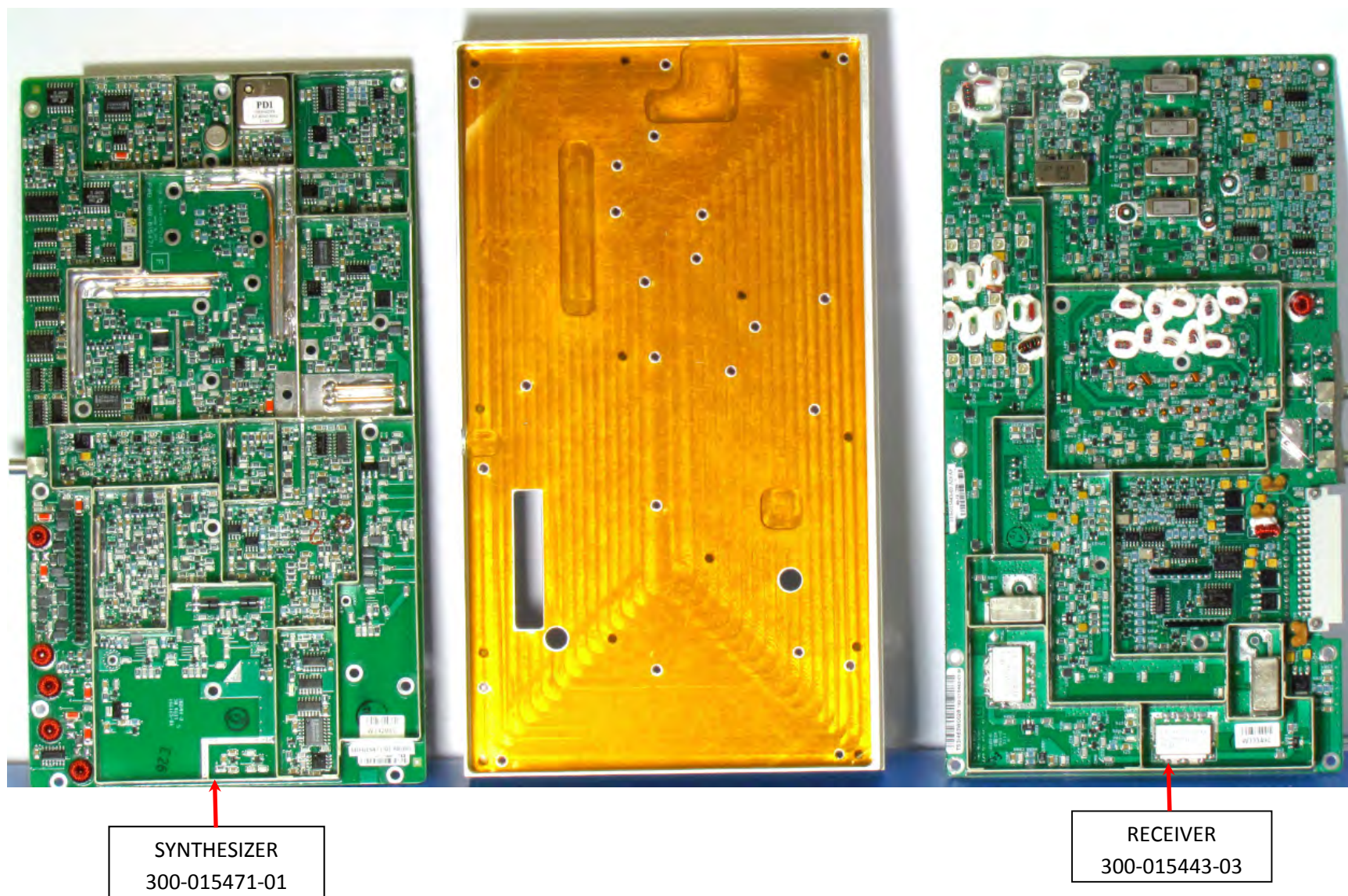
### 1.15 VHF BOARD, 300-040898-XX, Bottom Side



**1.16 RECEIVER and SYNTHESIZER MODULE, 300-316330-03**

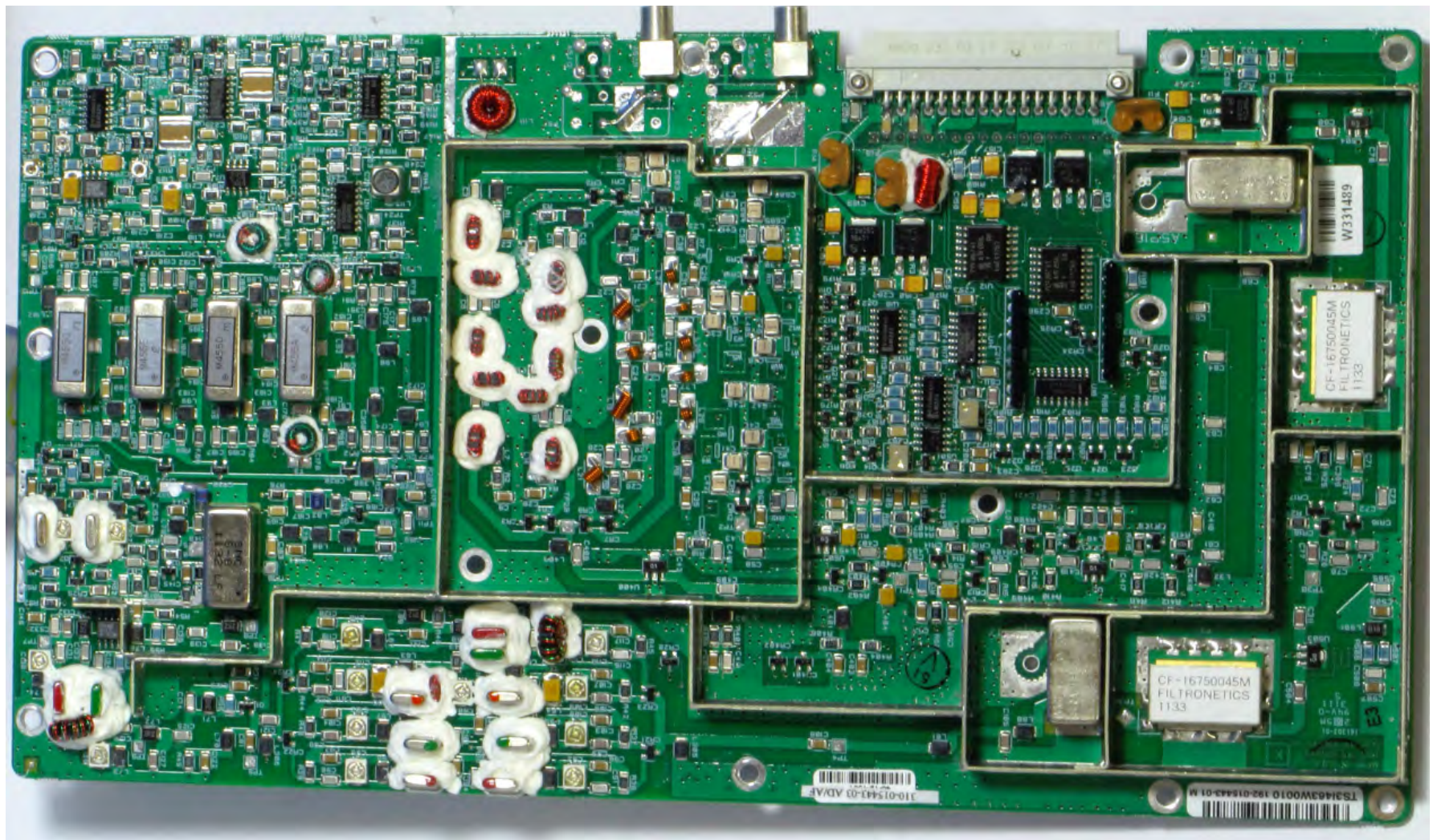


## 1.17 RECEIVER and SYNTHESIZER PARTS LAYOUT

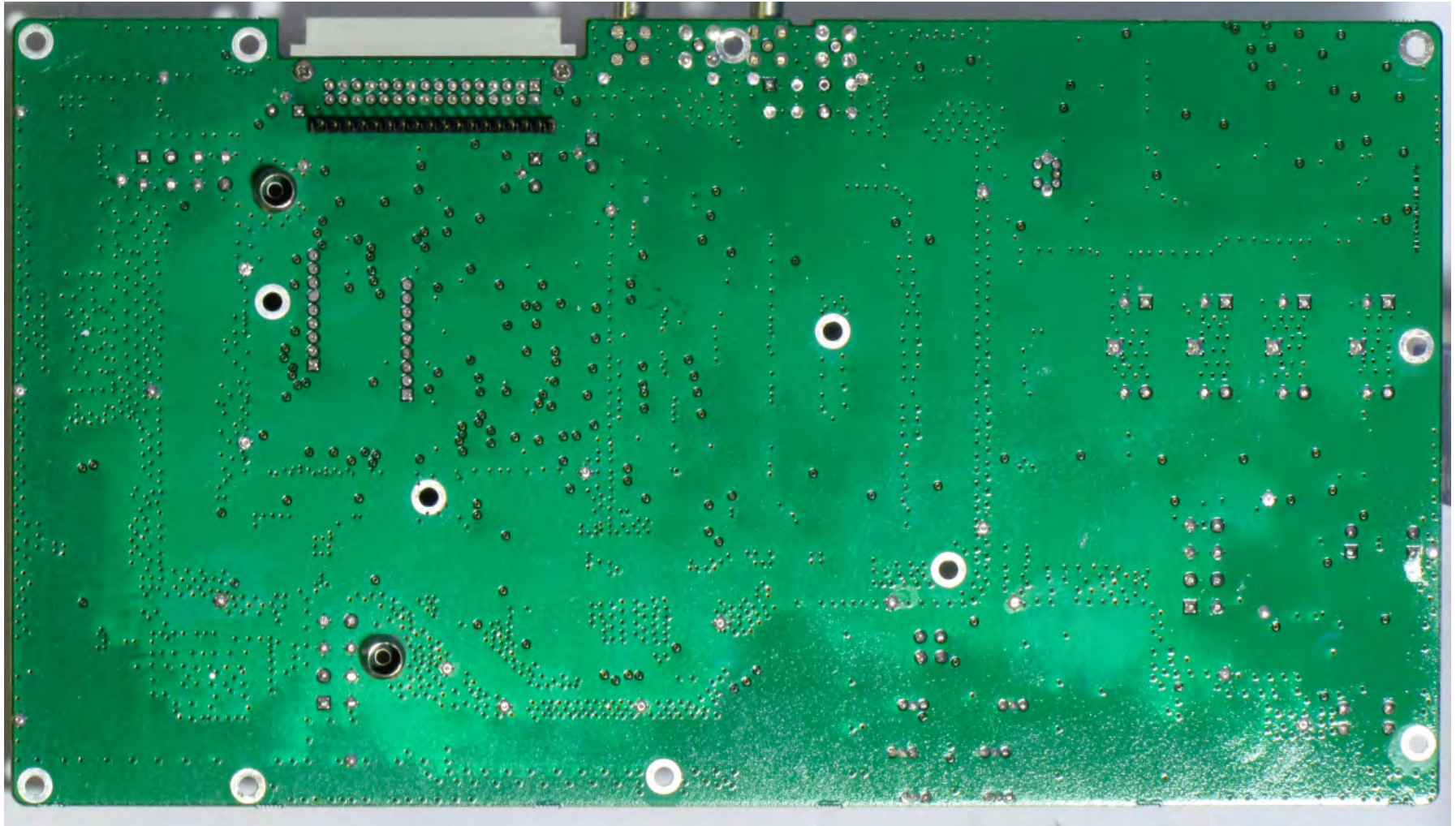




# 1.18 RECEIVER BOARD, 300-015443-03, Top Side

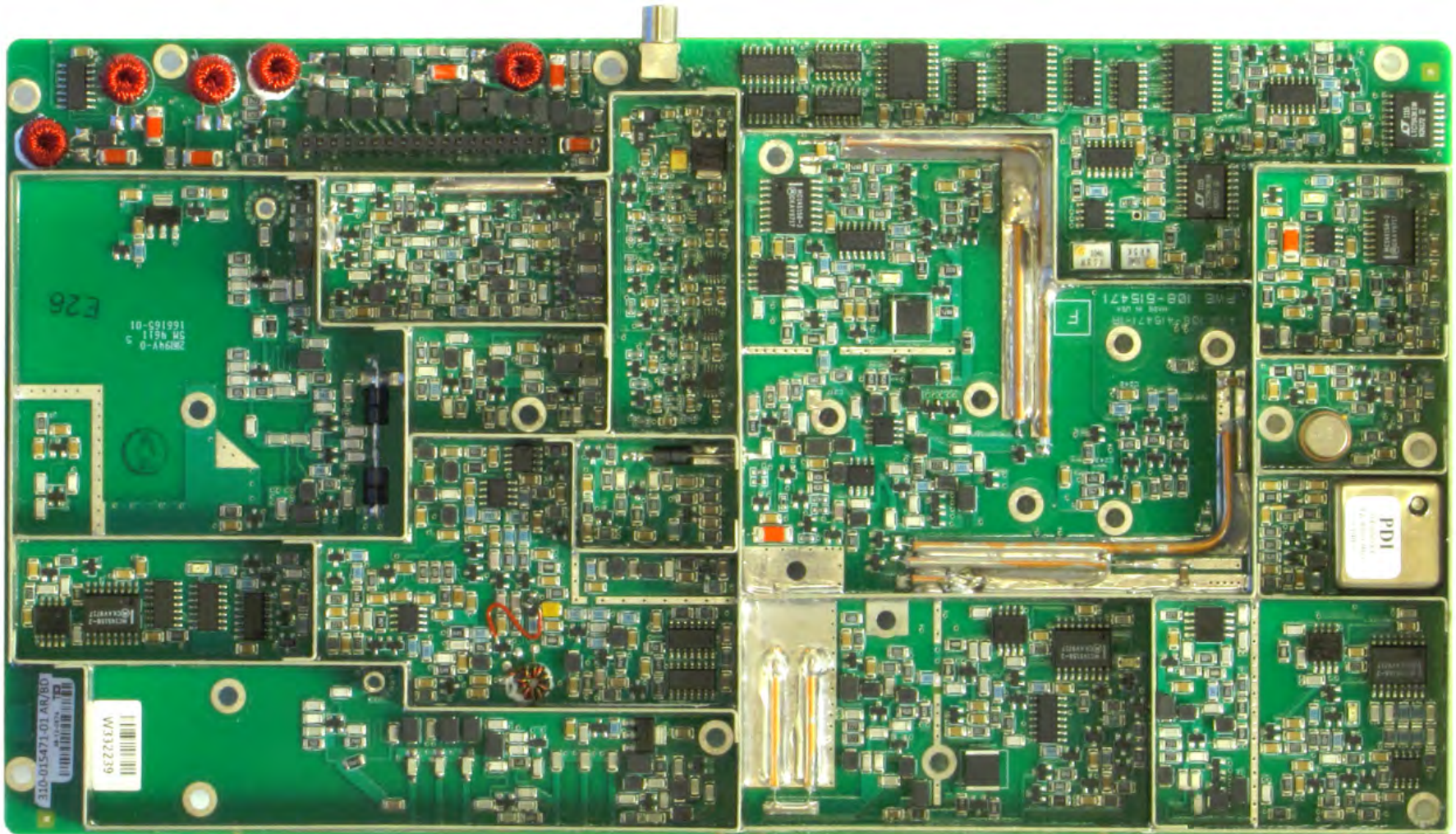




**1.19 RECEIVER BOARD, 300-015443-03, Bottom Side**

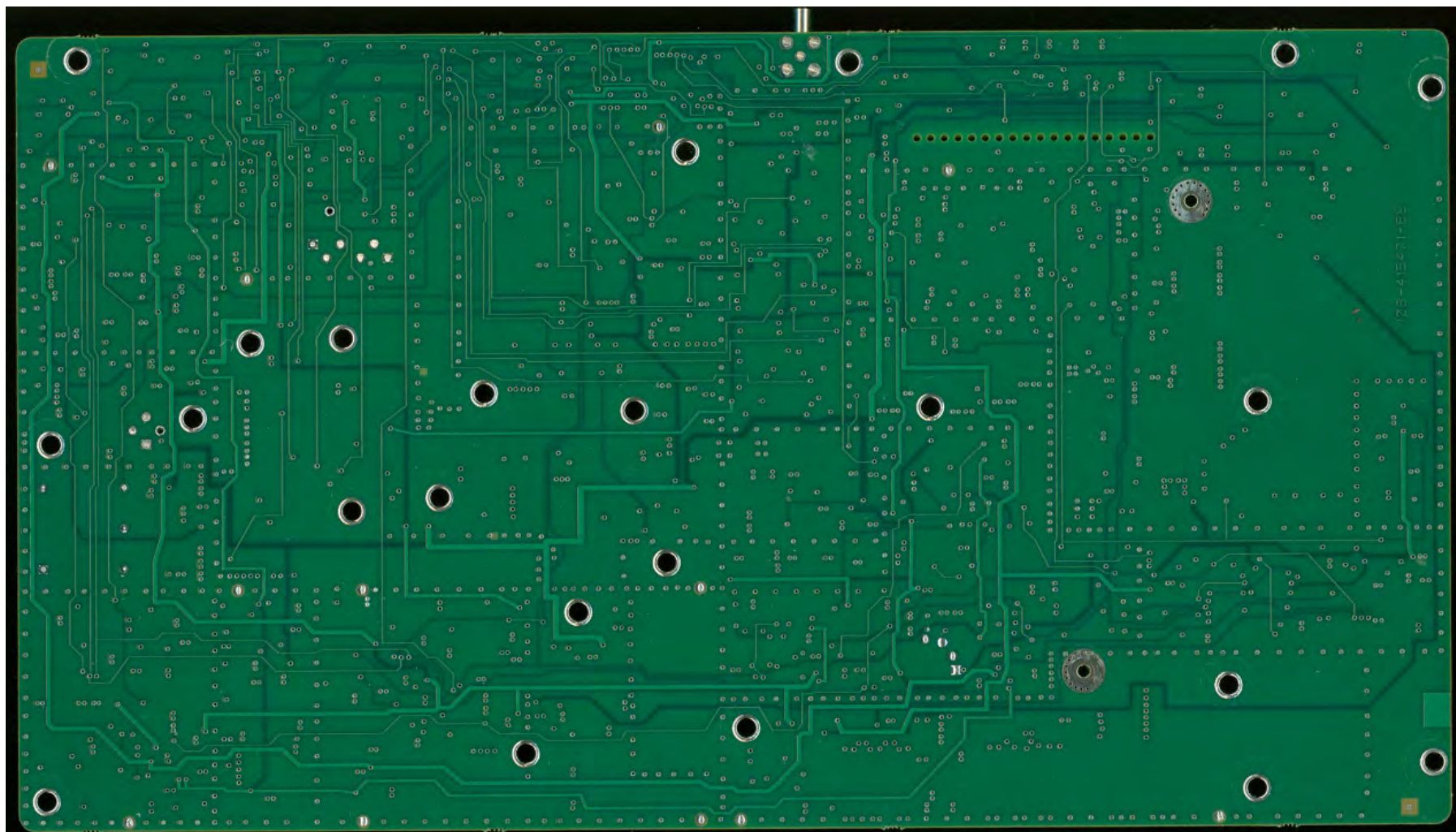


## 1.20 SYNTHESIZER BOARD, 300-015471-01, Top Side

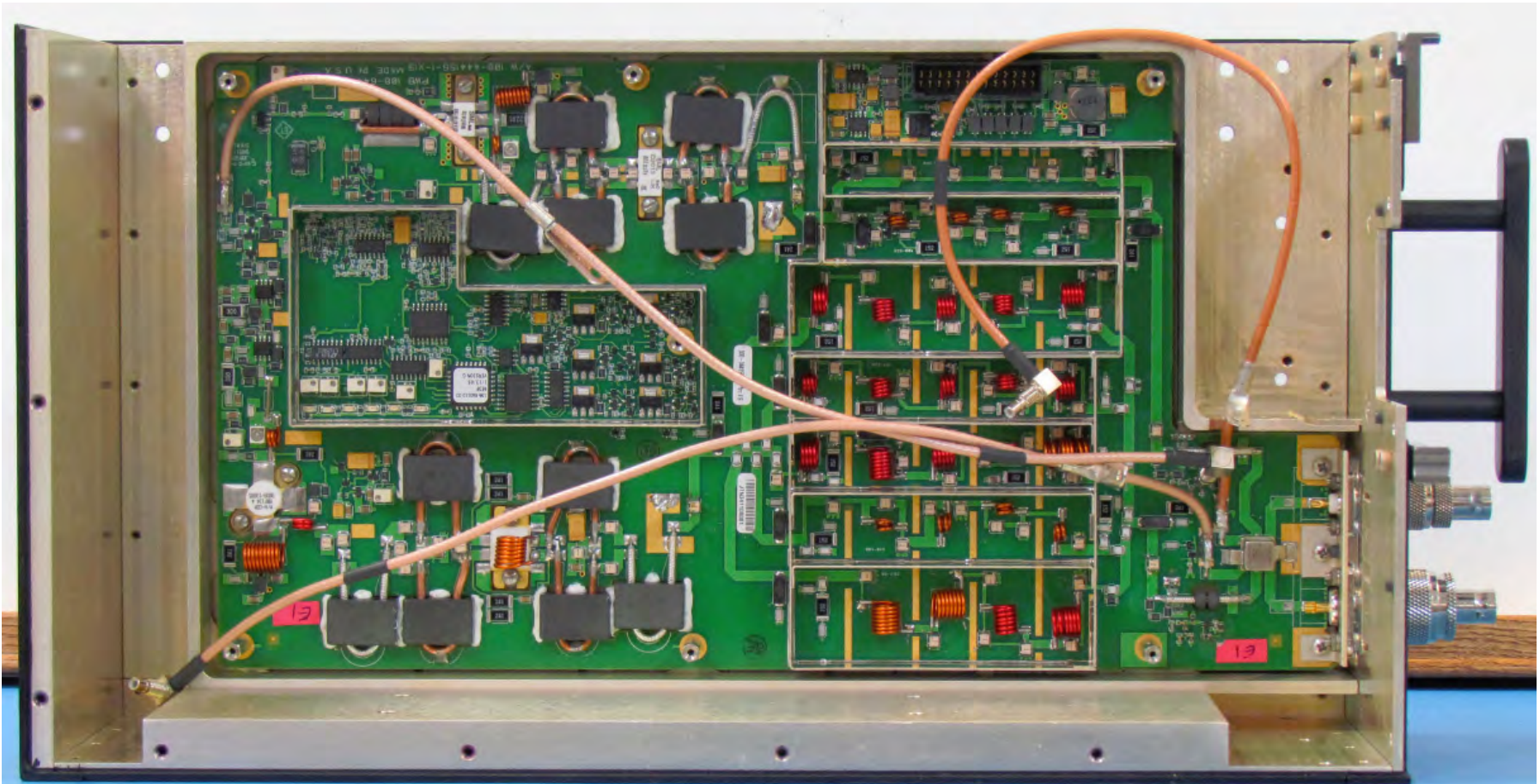




## 1.21 SYNTHESIZER BOARD, 300-015471-01, Bottom Side

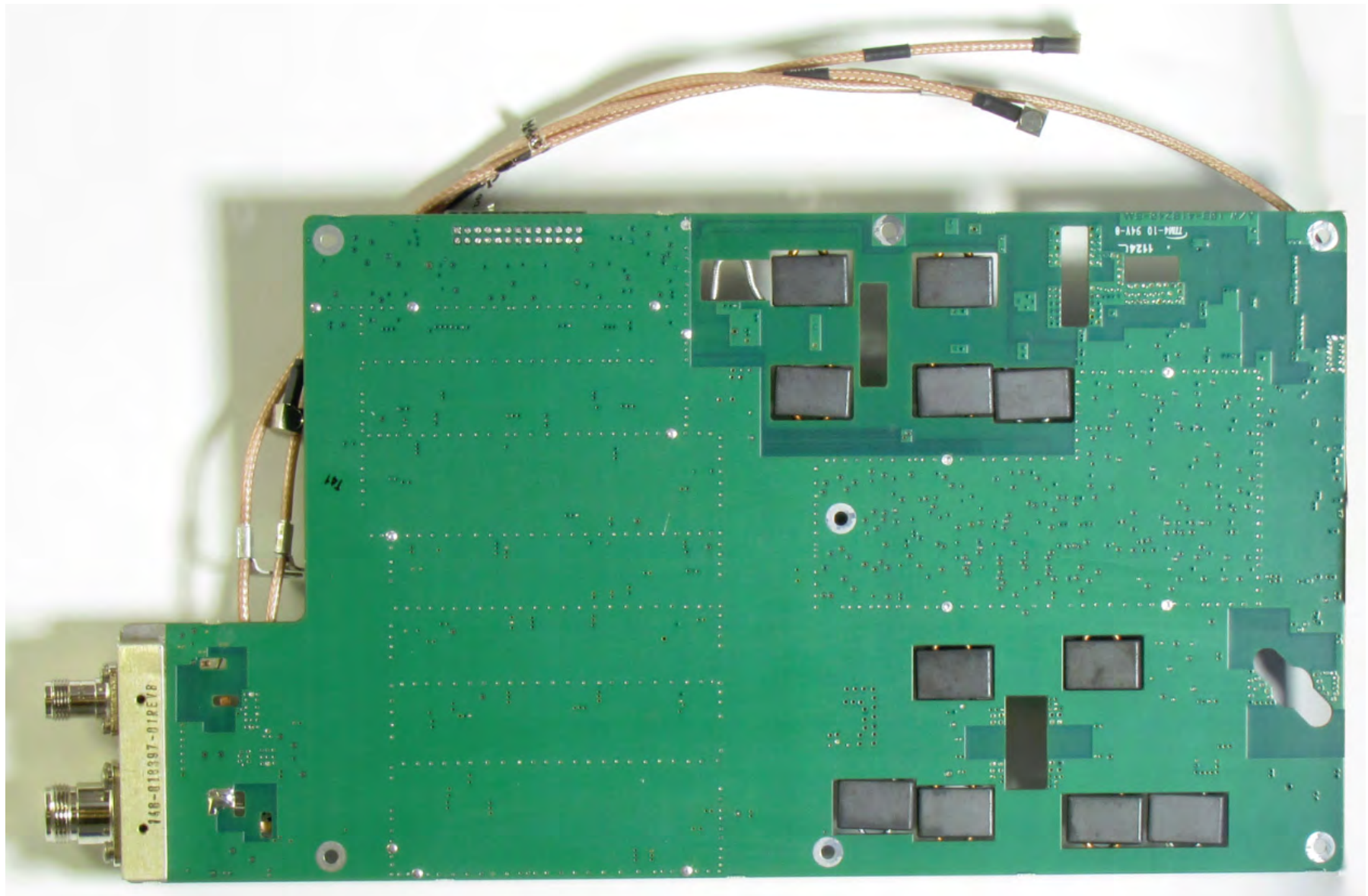


## 1.22 TRANSMITTER BOARD, 300-042545-01, Top Side

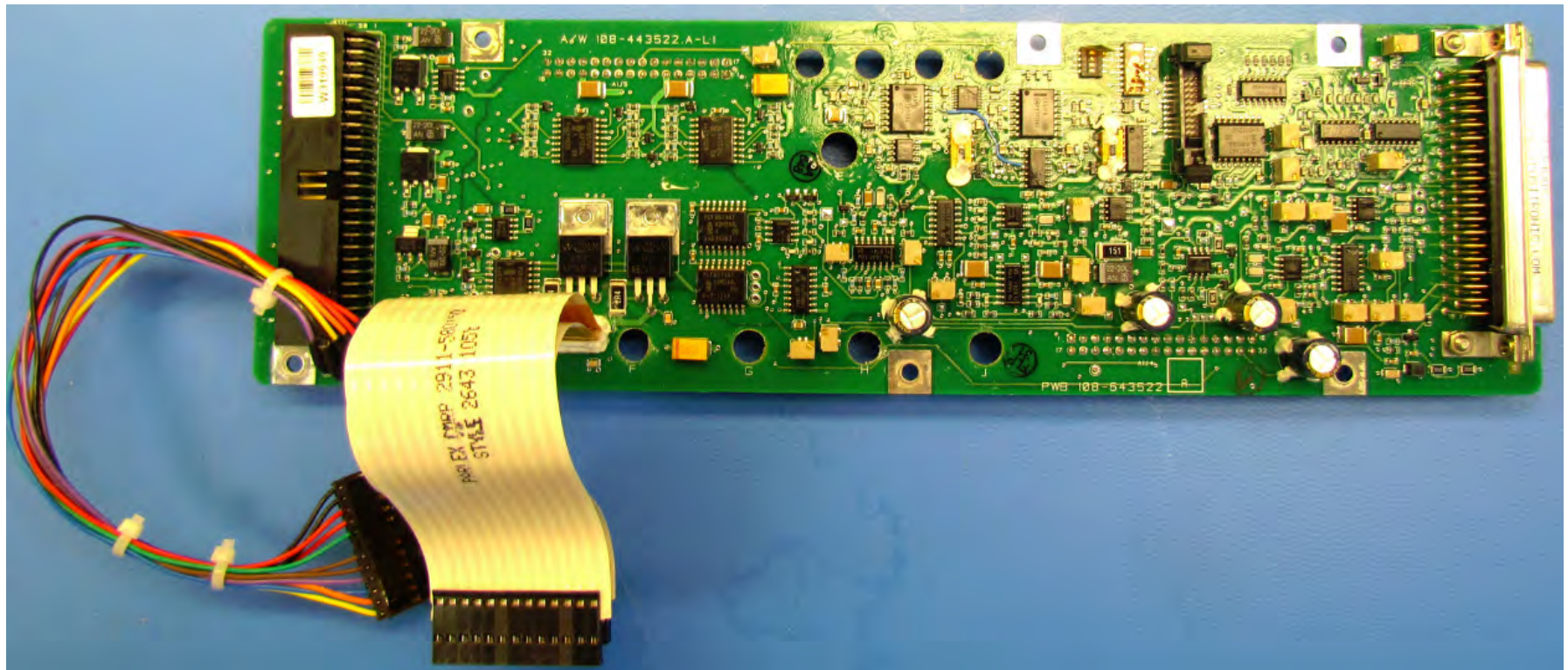




### 1.23 TRANSMITTER BOARD, 300-042545-01, Bottom Side

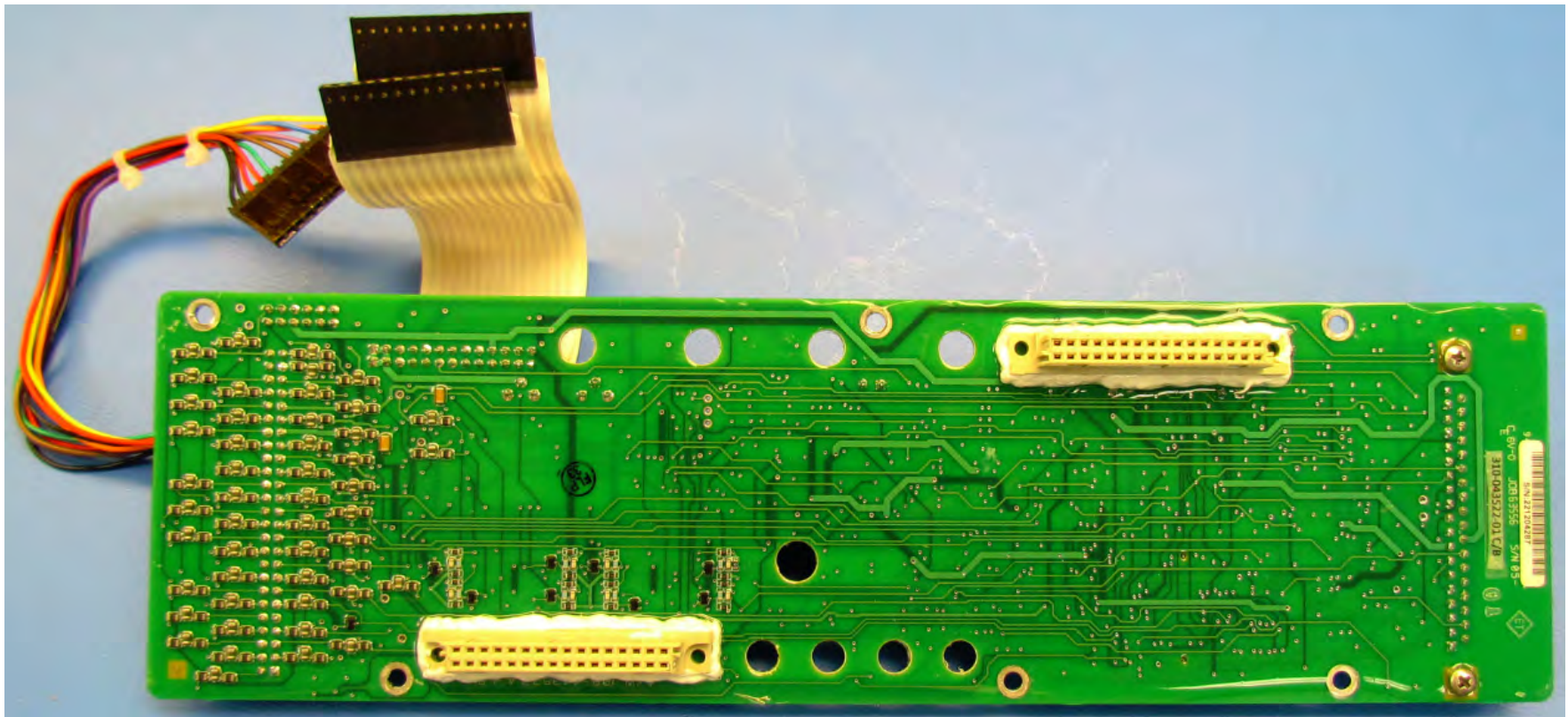


## 1.24 MOTHER BOARD, 300-043522-01, Top Side



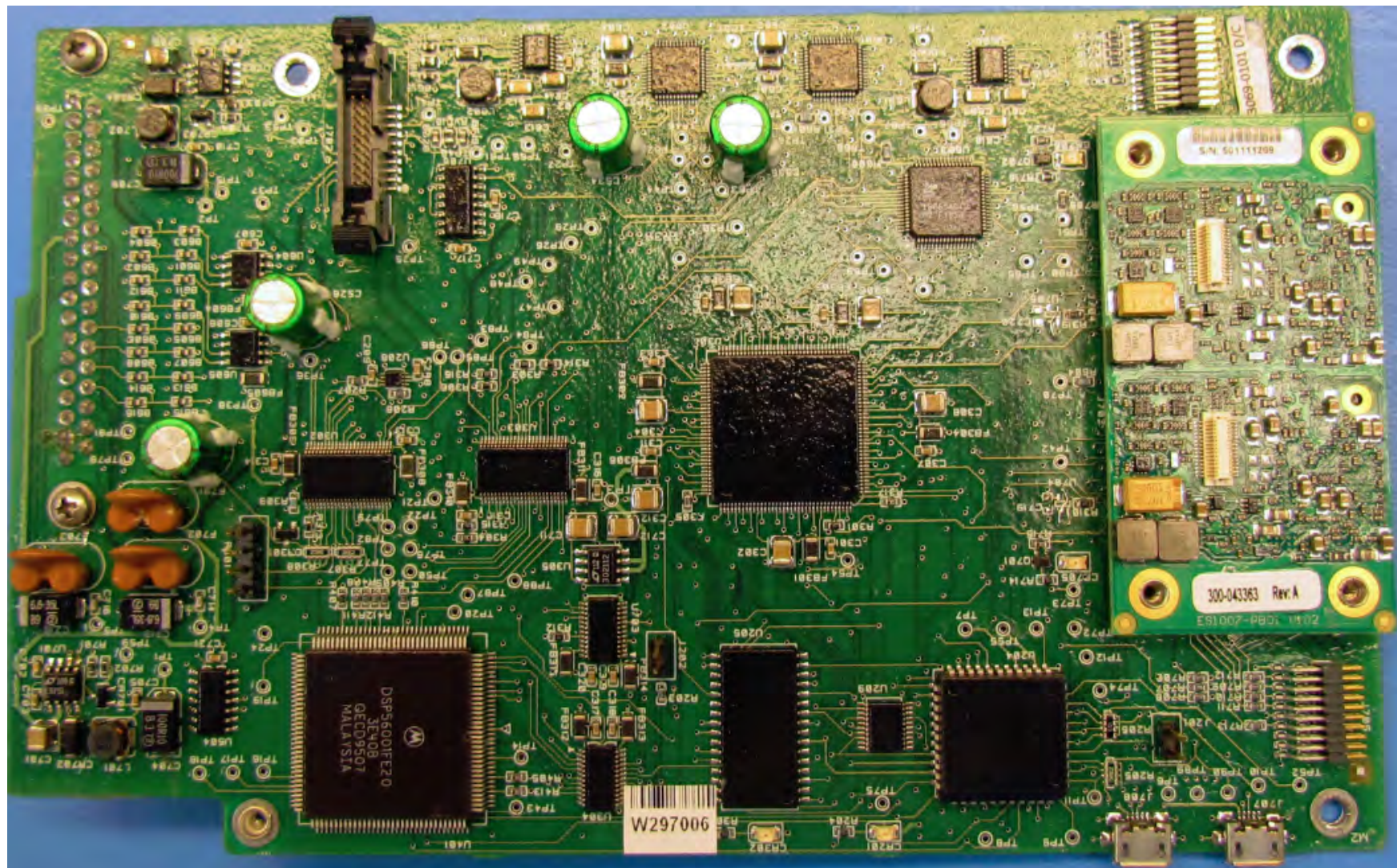


## 1.25 MOTHER BOARD, 300-043522-01, Bottom Side



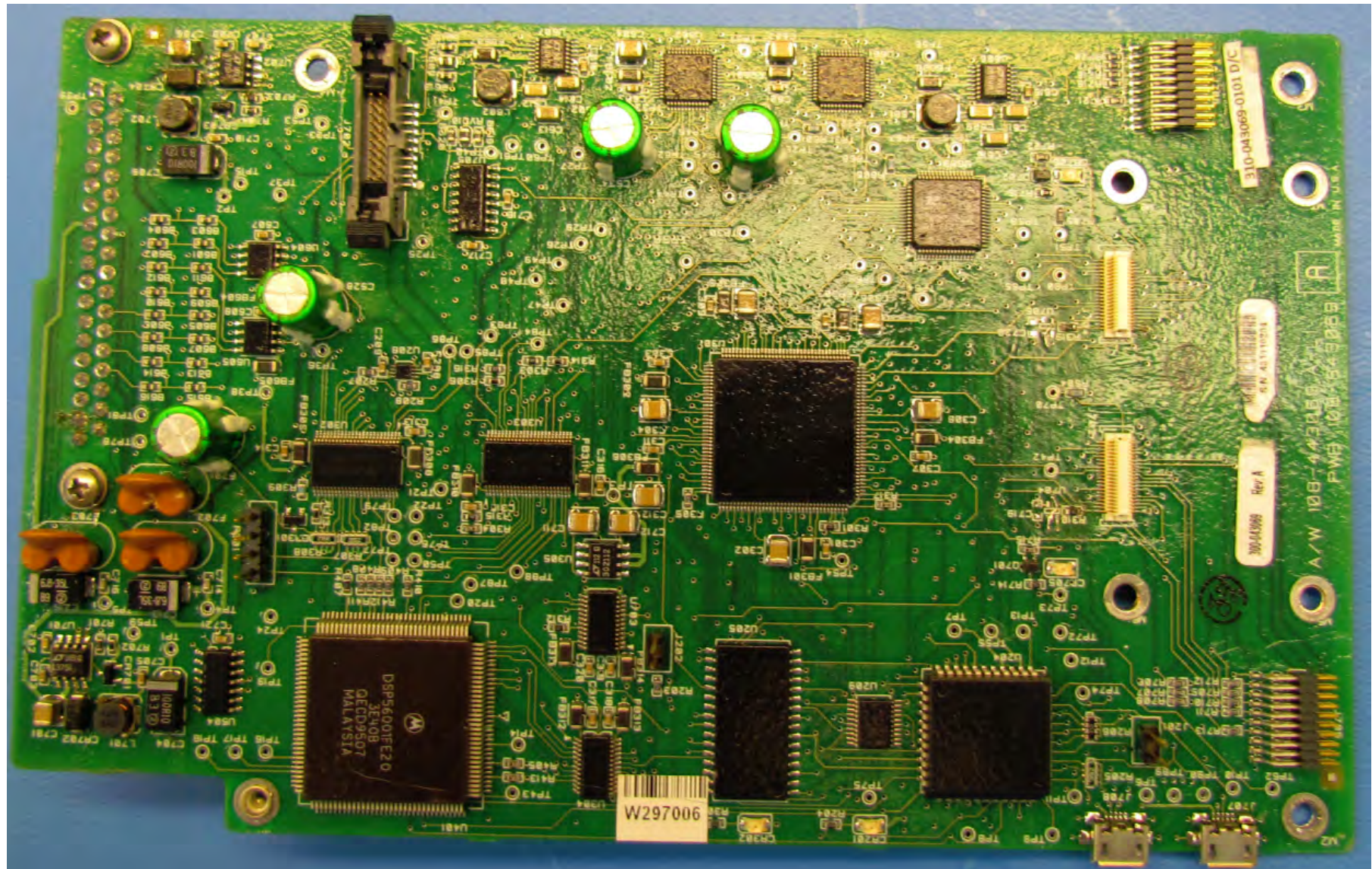


**1.26 DSP LOGIC BOARD, 300-043069-01 and MSM Board, 300-043363-01, Assembled.**



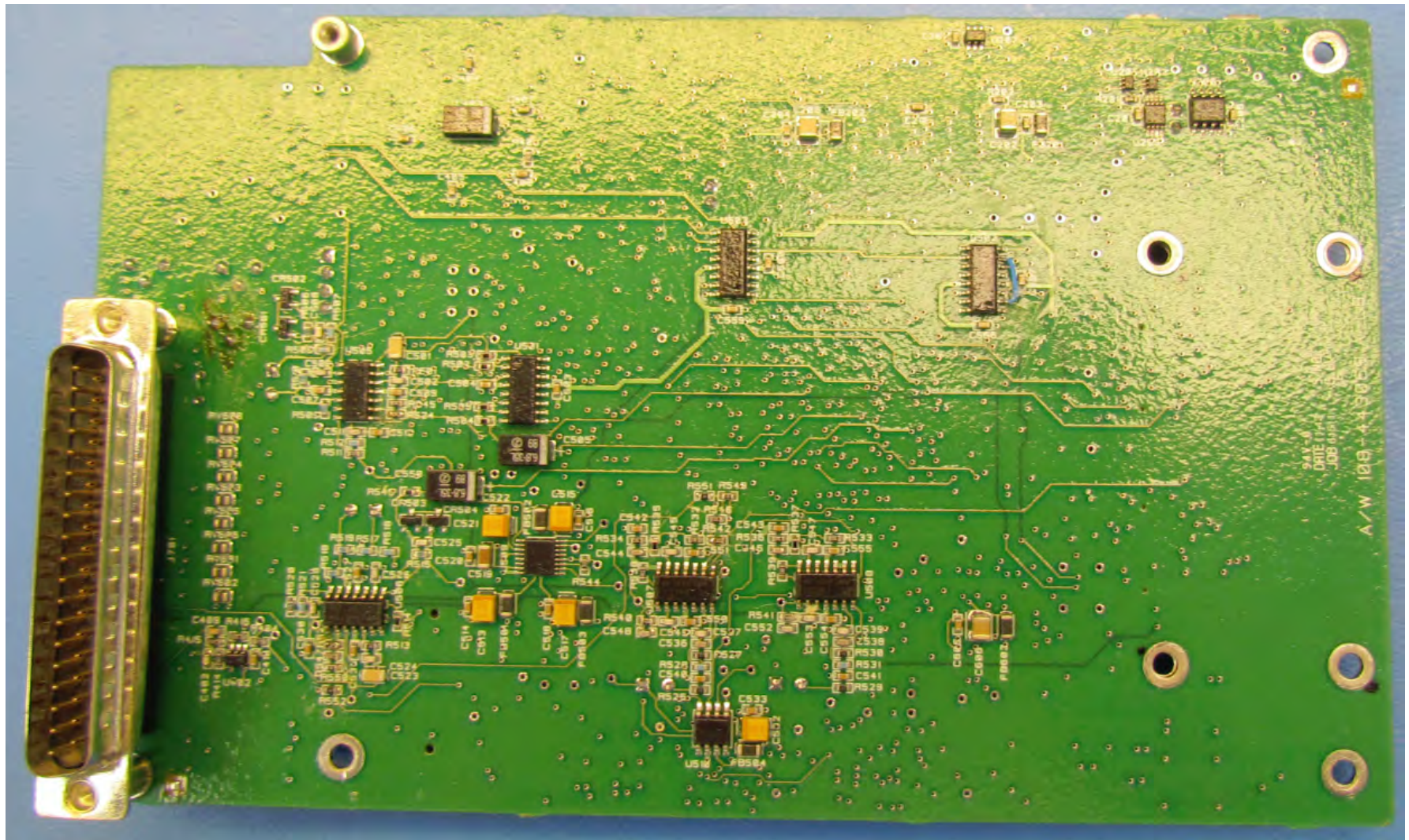


## 1.27 DSP LOGIC BOARD, 300-043069-01, Top Side



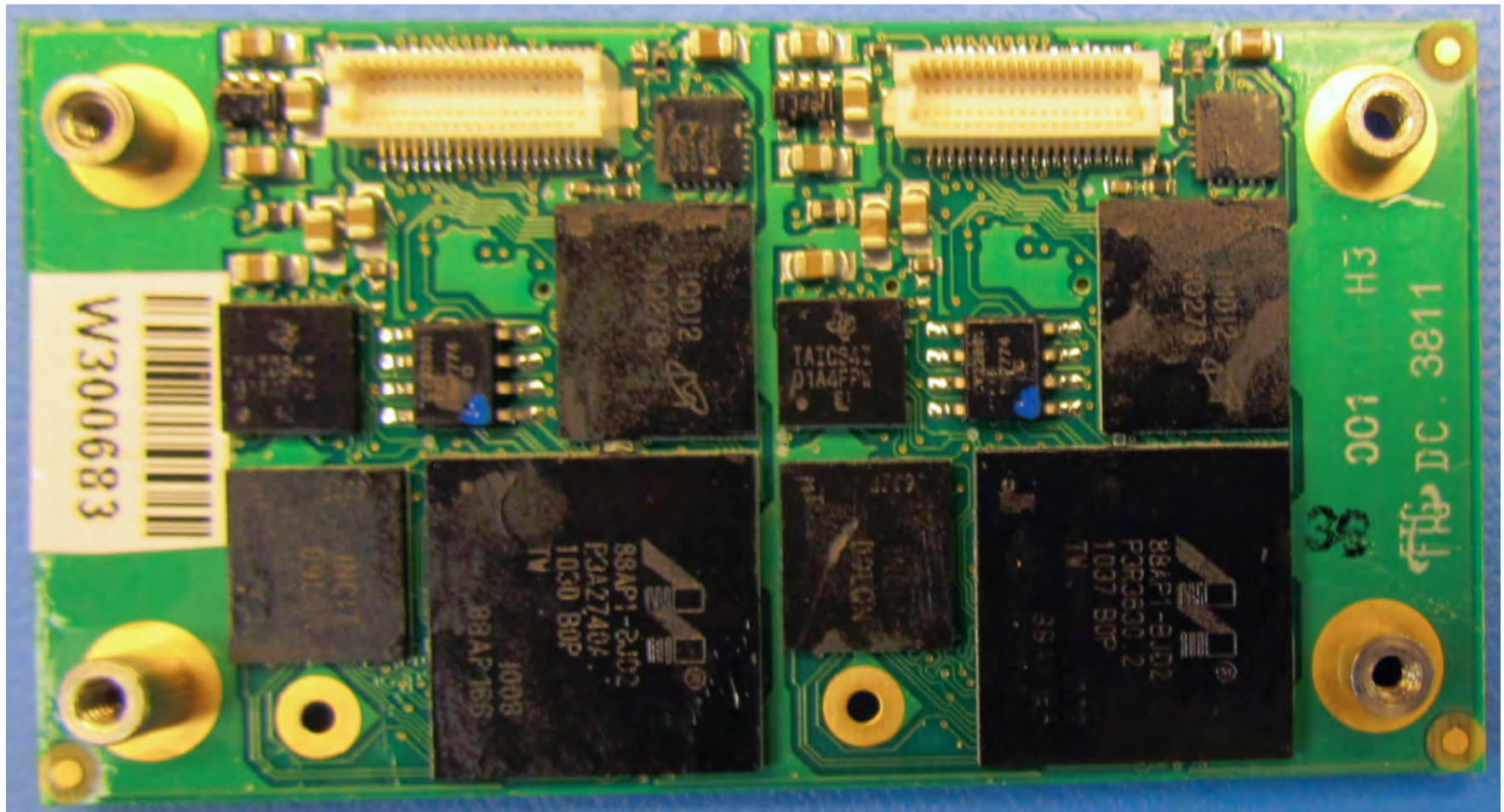


## 1.28 DSP LOGIC BOARD, 300-043069-01, Bottom Side



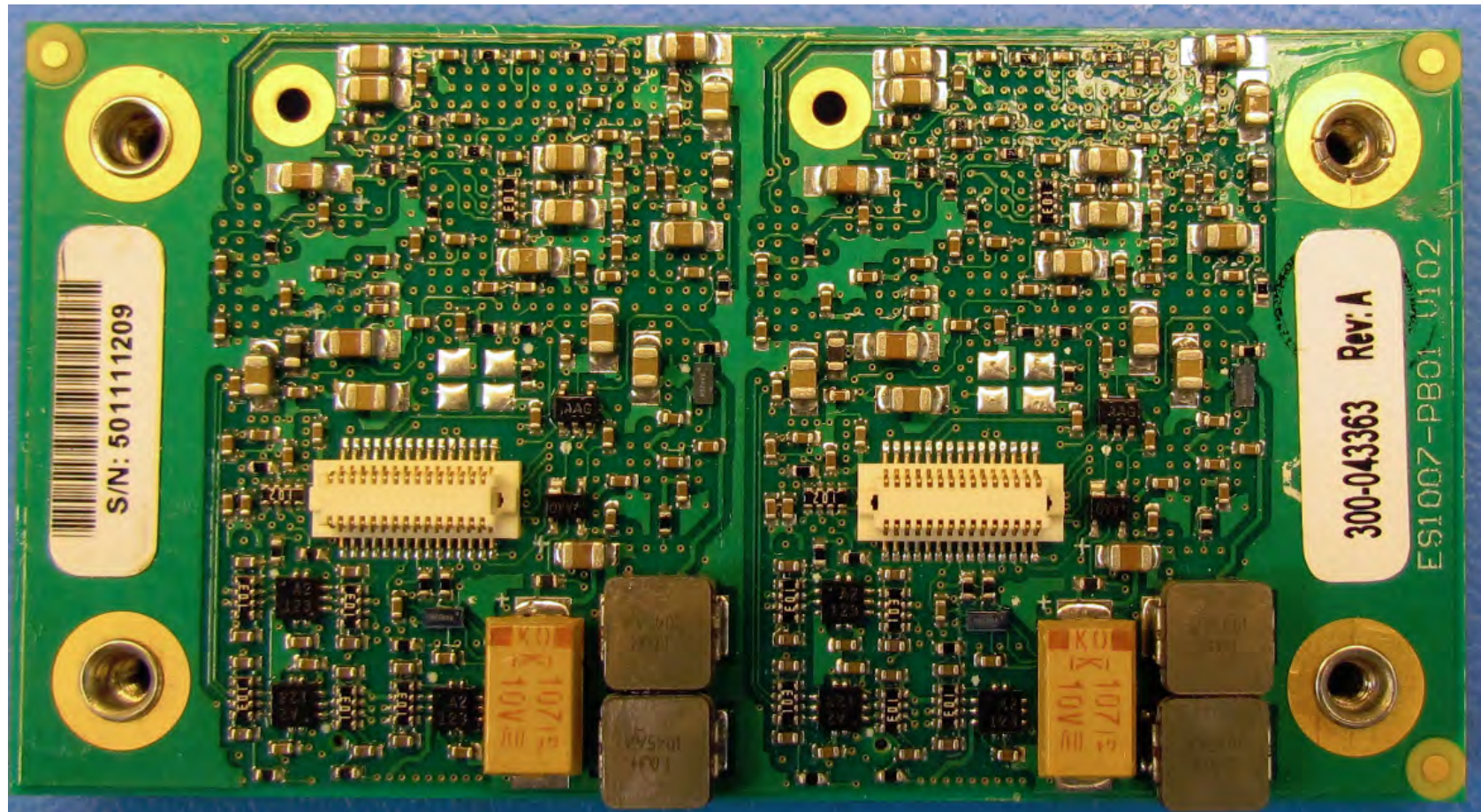


### 1.29 RT-5000 MSM Board, 300-043363-01, Top Side



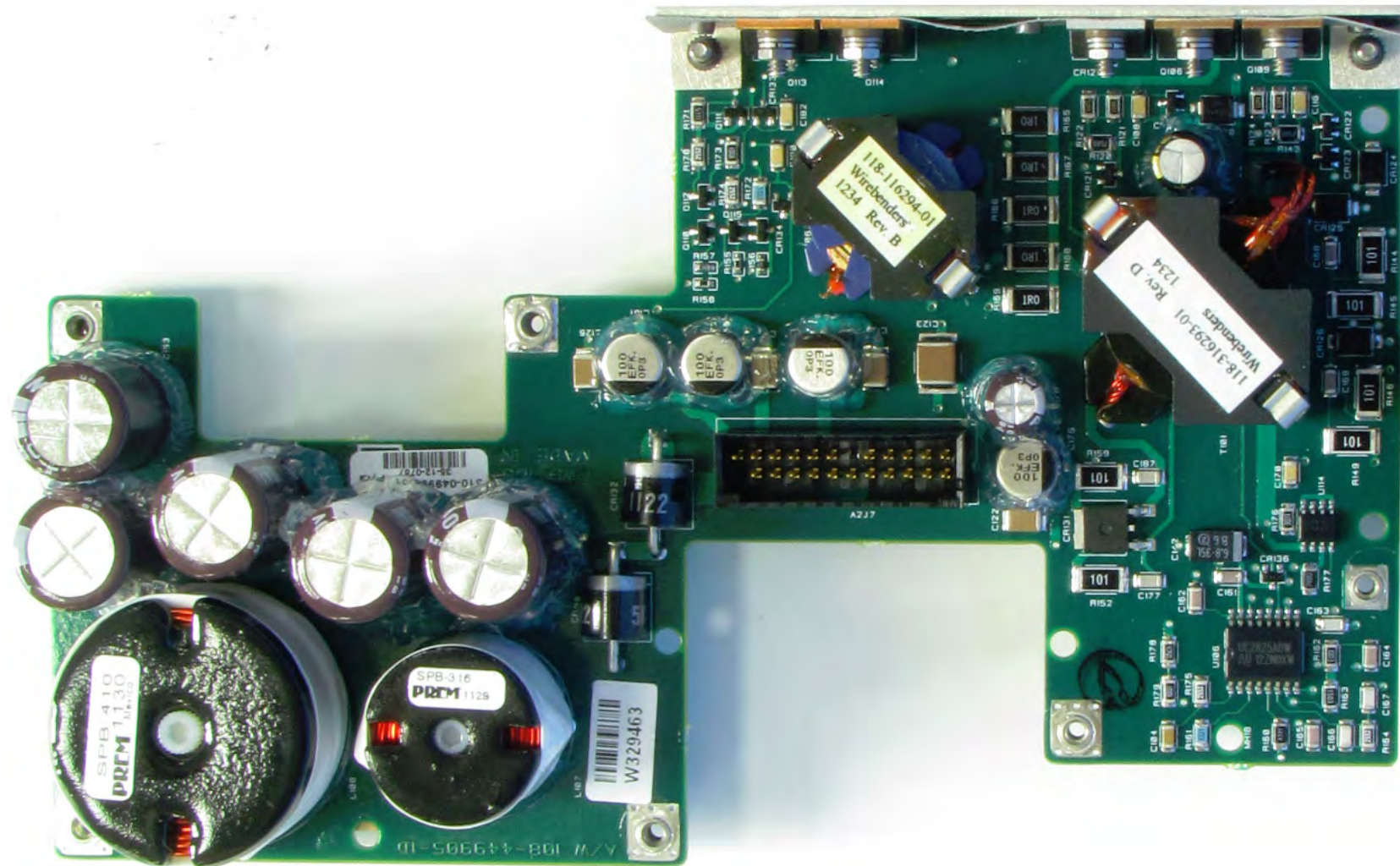


### 1.30 RT-5000 MSM Board, 300-043363-01, Bottom Side





### 1.31 POWER SUPPLY BOARD, 300-015550-01, Top Side



### 1.32 POWER SUPPLY BOARD, 300-015550-01, Bottom Side

