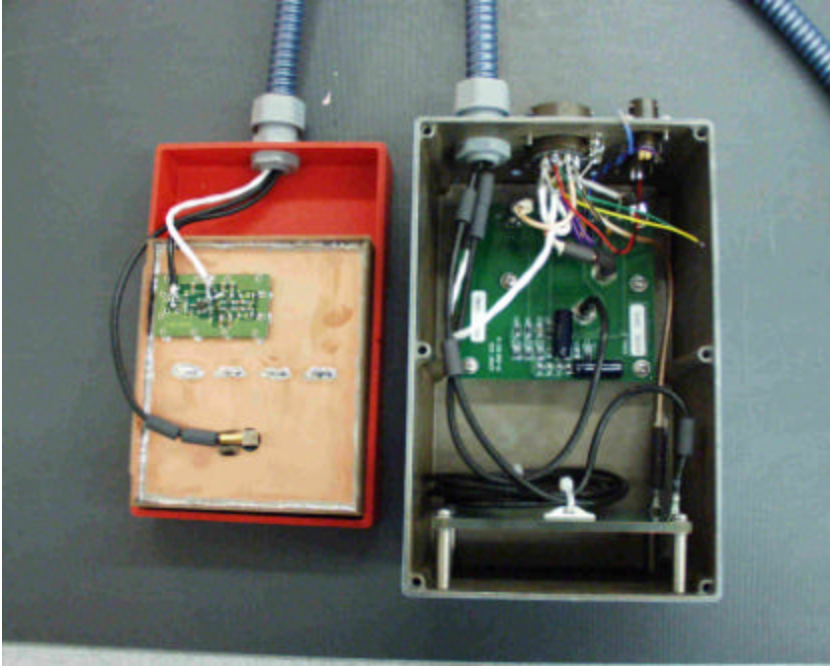


5100 ANTENNA ASSEMBLY
Internal Photos

**5100 ANTENNA ASSEMBLY CONSISTING OF ELECTRONICS
BOX AND ANTENNA HEAD**



Antenna head, on left, and electronics box, on right, shown with covers removed.

ELECTRONICS BOARD CONSISTS OF:

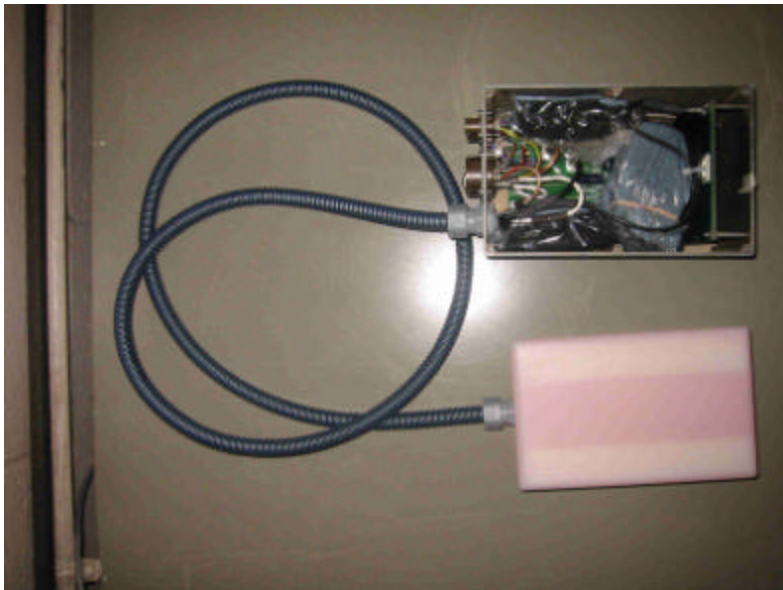
- | | |
|------------------------------------|--------|
| 1. AMP INTERFACE PC BOARD | PAGE 4 |
| 2. 3 GHZ RECEIVER SAMPLER PC BOARD | PAGE 5 |
| 3. DELAY LINE PC BOARD | PAGE 6 |

ANTENNA HEAD CONSISTS OF:

- | | |
|---------------------------|---------|
| 4. 5100 TRANSMITTER BOARD | PAGE 8 |
| 5. BALUN PC BOARD | PAGE 9 |
| 6. FAN PC BOARD | PAGE 10 |

5100 ANTENNA ASSEMBLY
Internal Photos

5100 ELECTRONICS

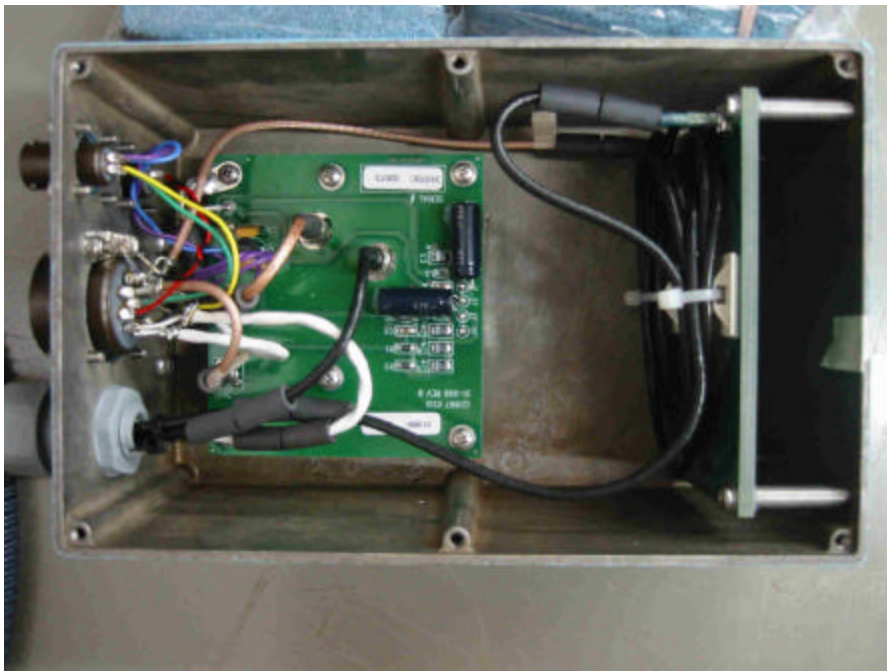


TOP VIEW ASSEMBLY WITH COVER REMOVED FROM ELECTRONICS BOX
(TOP) AND SKID PLATE ATTACHED TO ANTENNA HEAD (BOTTOM)

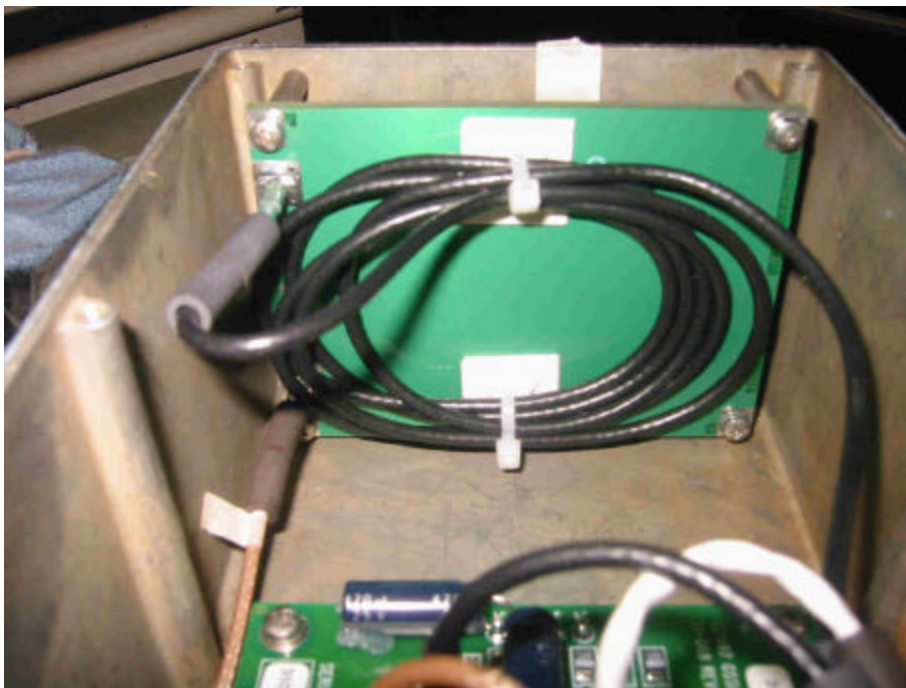


TOP VIEW OF ELECTRONICS WITH BAGGED SHIELDING FOAM

5100 ANTENNA ASSEMBLY
Internal Photos



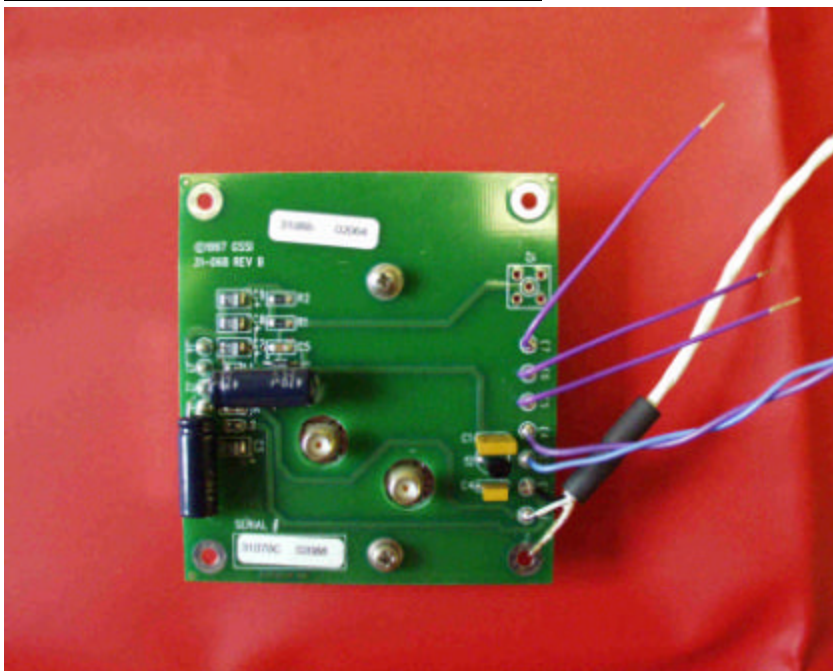
TOP VIEW OF ELECTRONICS WITH BAGGED SHIELDING FOAM REMOVED
AMPLIFIER INTERFACE PCB VISIBLE WITH DELAY LINE PCB TO THE RIGHT.



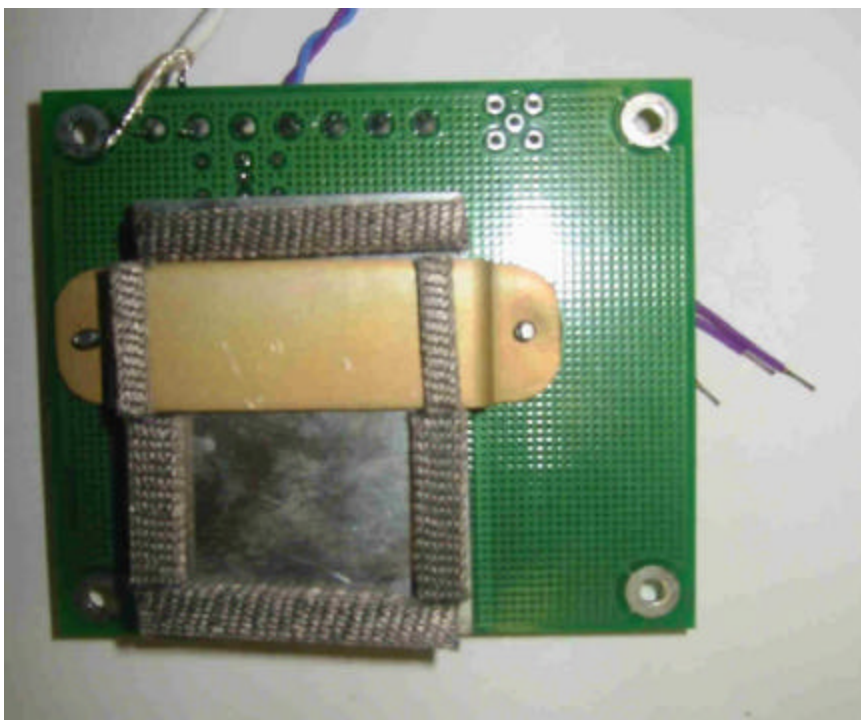
TOP VIEW OF ELECTRONICS DELAY LINE PC BOARD END OF ASSY

5100 ANTENNA ASSEMBLY
Internal Photos

1. AMP INTERFACE PC BOARD



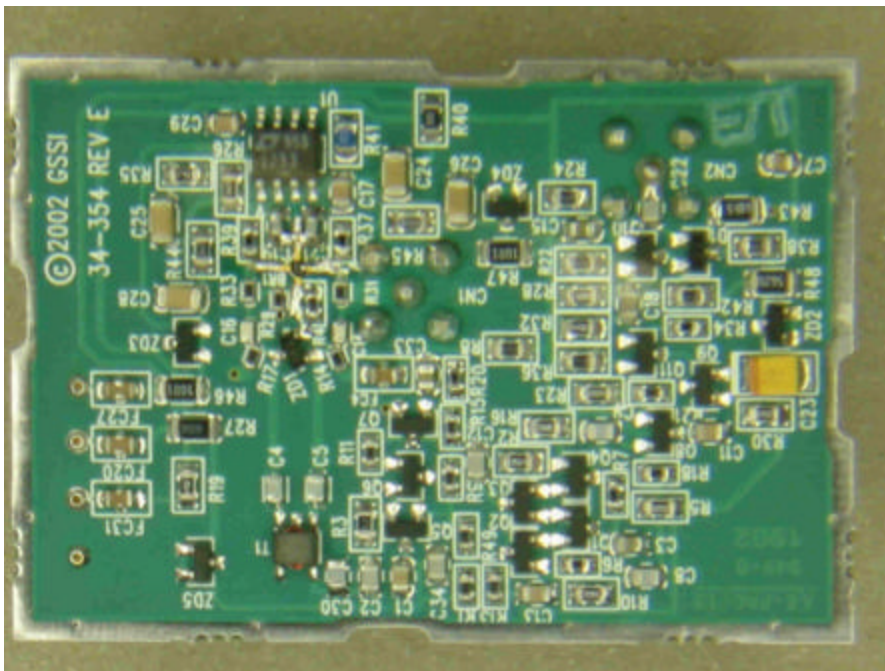
TOP VIEW



BACK VIEW WITH 3 GHZ RECEIVER SAMPLER IN SHIELDING CAN ATTACHED

5100 ANTENNA ASSEMBLY
Internal Photos

2. 3 GHZ RECEIVER SAMPLER PC BOARD



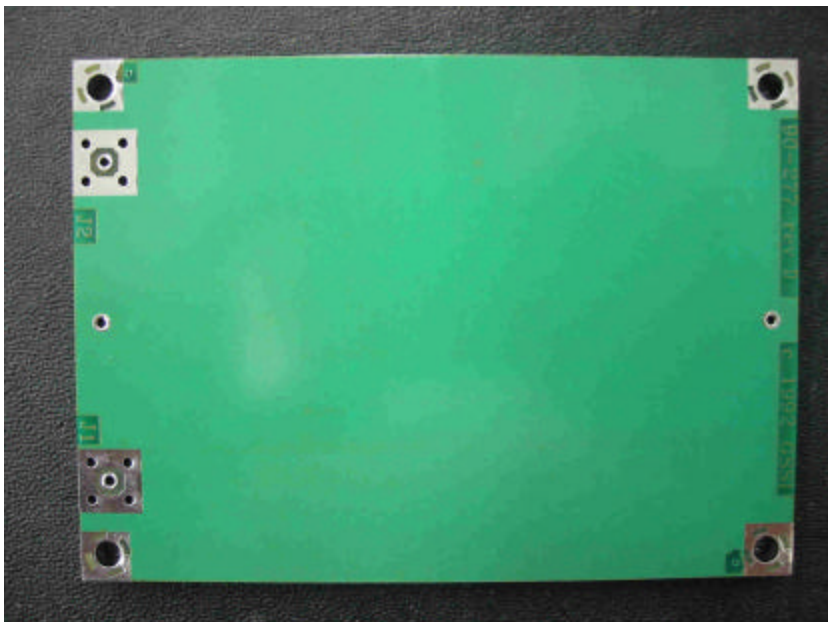
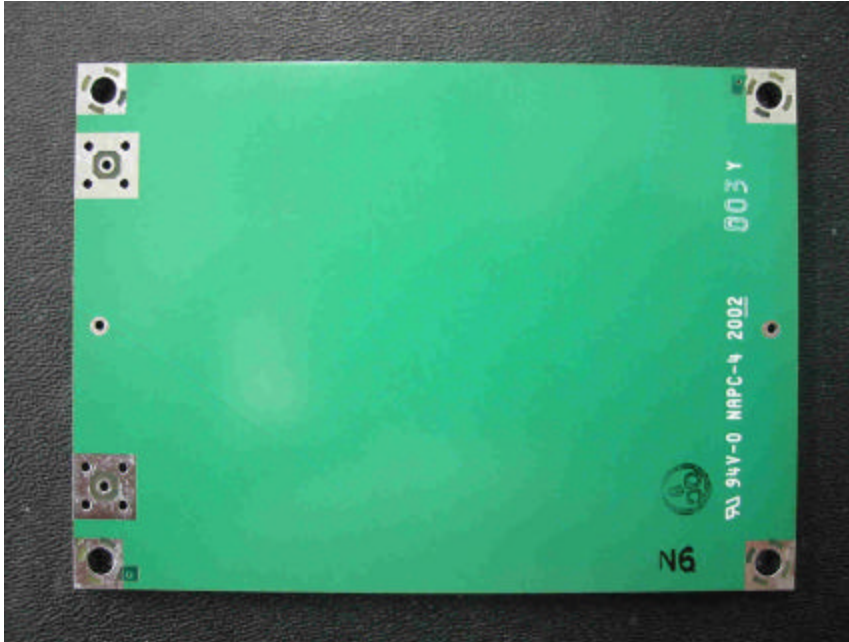
TOP VIEW



BOTTOM VIEW

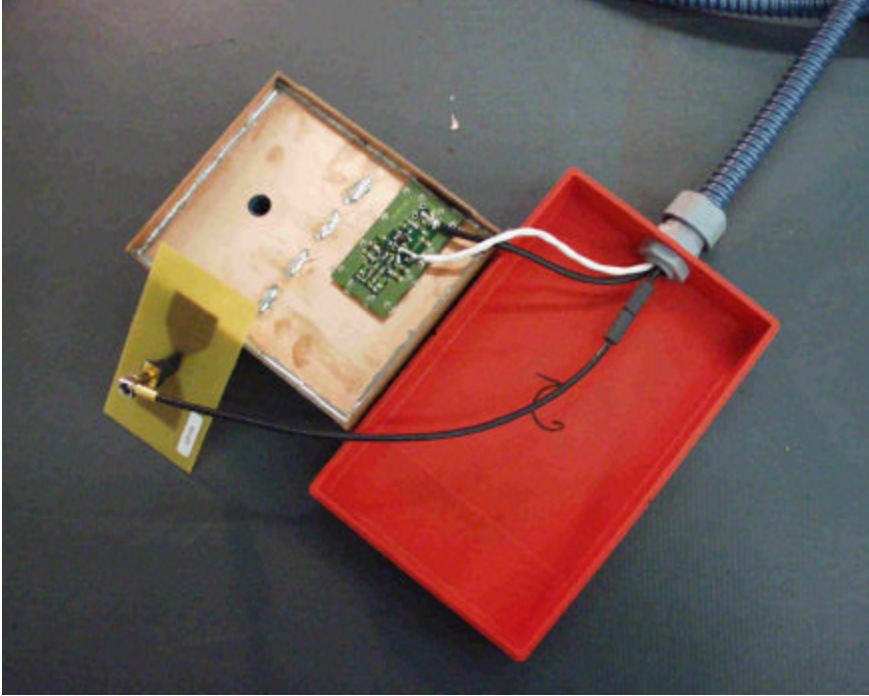
5100 ANTENNA ASSEMBLY
Internal Photos

3. DELAY LINE PC BOARD

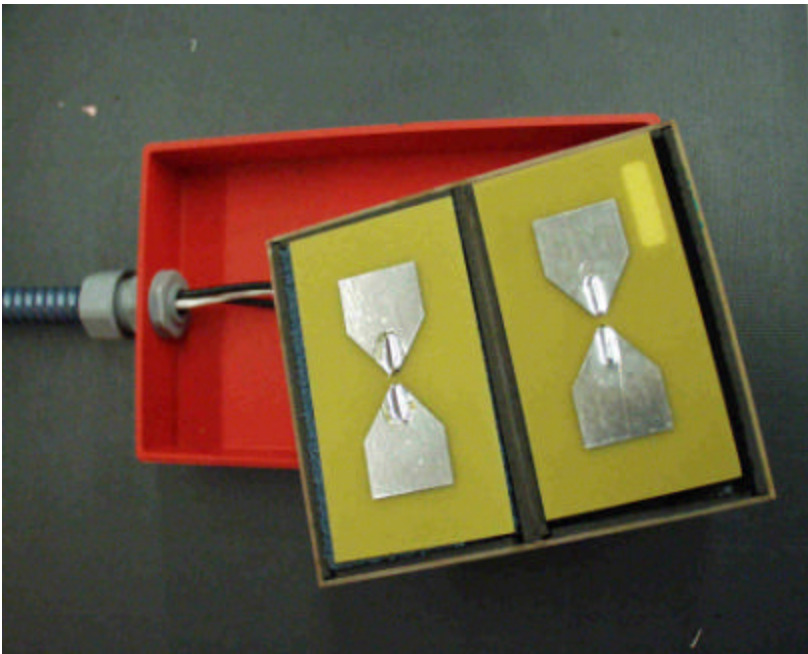


5100 ANTENNA HEAD

see page 1 for assembled view



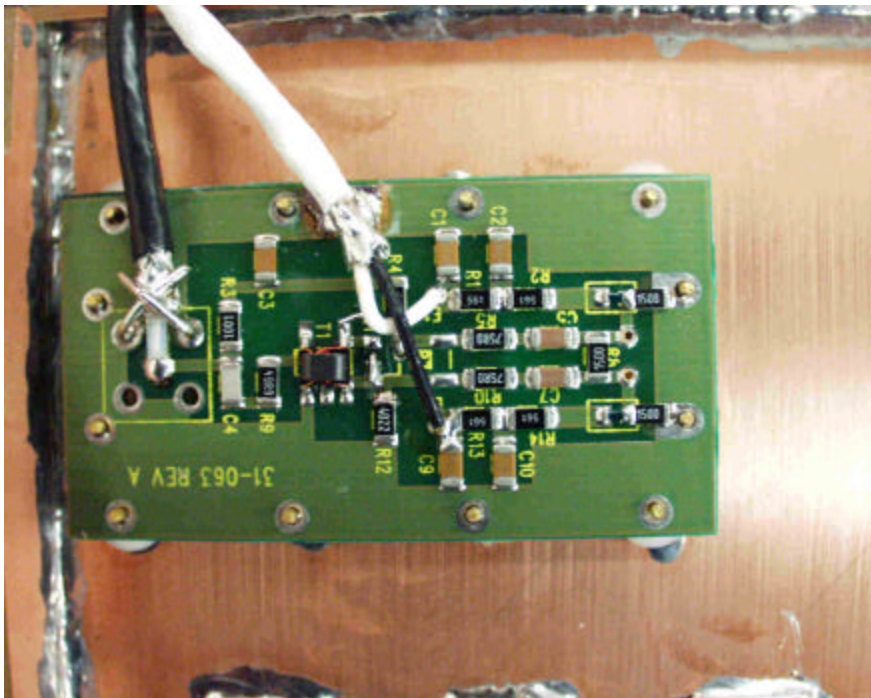
SHOWN FROM LEFT TO RIGHT: FAN WITH BALUN PCB (SHRINK WRAPPED),
SHIELD WITH TRANSMITTER BOARD MOUNTED AND ENCLOSURE.
DETAILS FOLLOW.



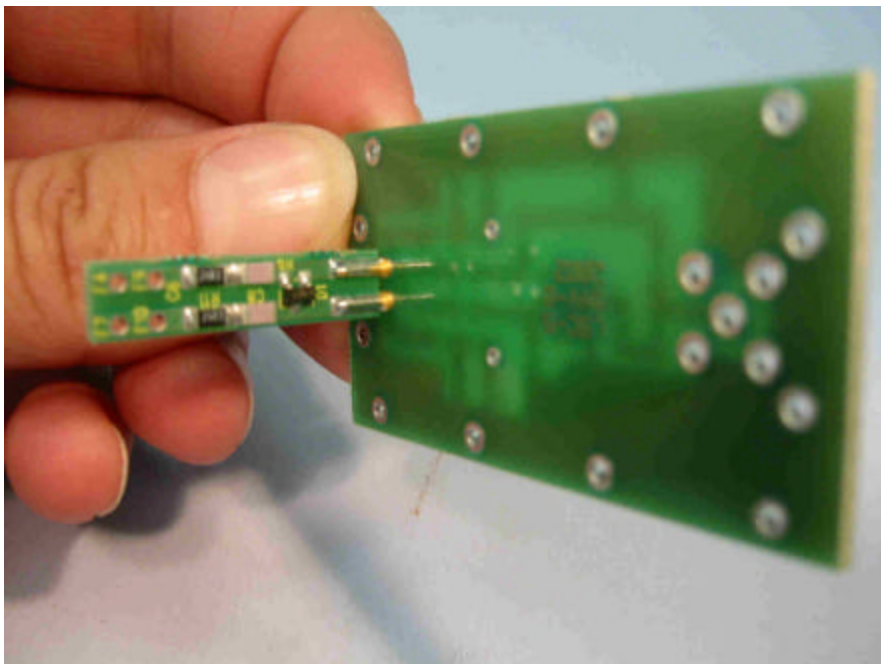
ANTENNA HEAD WITH SHIELD REMOVED AND TURNED OVER TO EXPOSE
FANS.

5100 ANTENNA ASSEMBLY
Internal Photos

4. 5100 TRANSMITTER BOARD AS ASSEMBLED



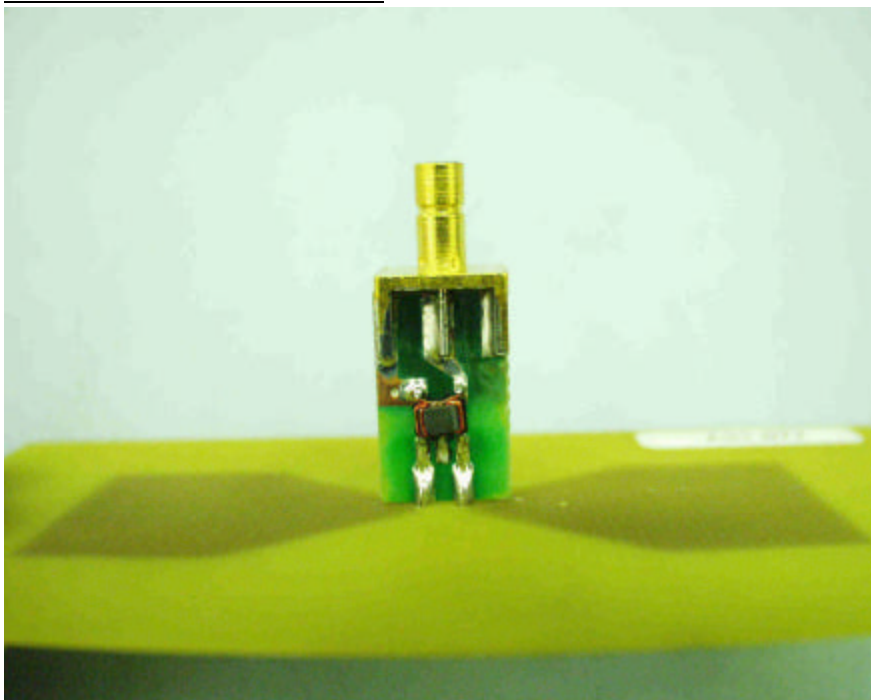
TRANSMITTER BOARD TOP SIDE



TRANSMITTER BOARD BACKSIDE. SMALL BOARD IS INSERTED INTO FOAM AND ATTACHED TO FAN.

5100 ANTENNA ASSEMBLY
Internal Photos

5. BALUN PC BOARD



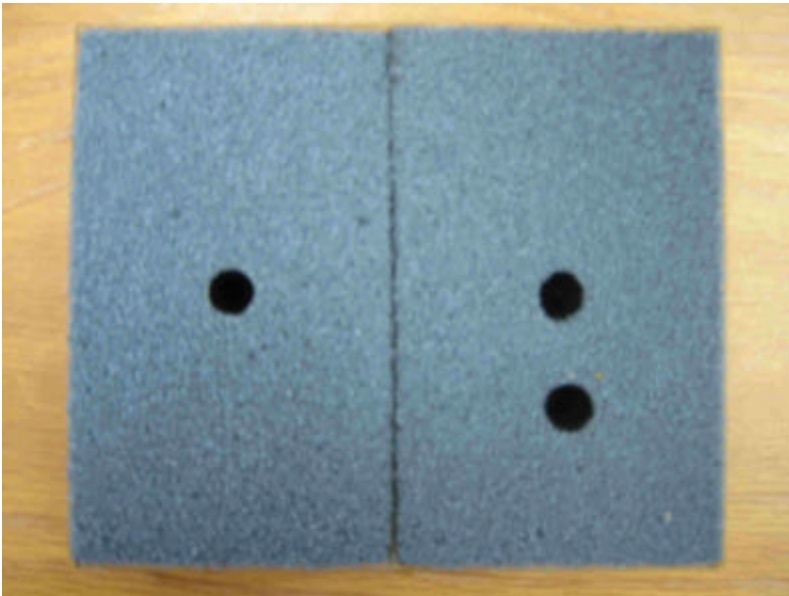
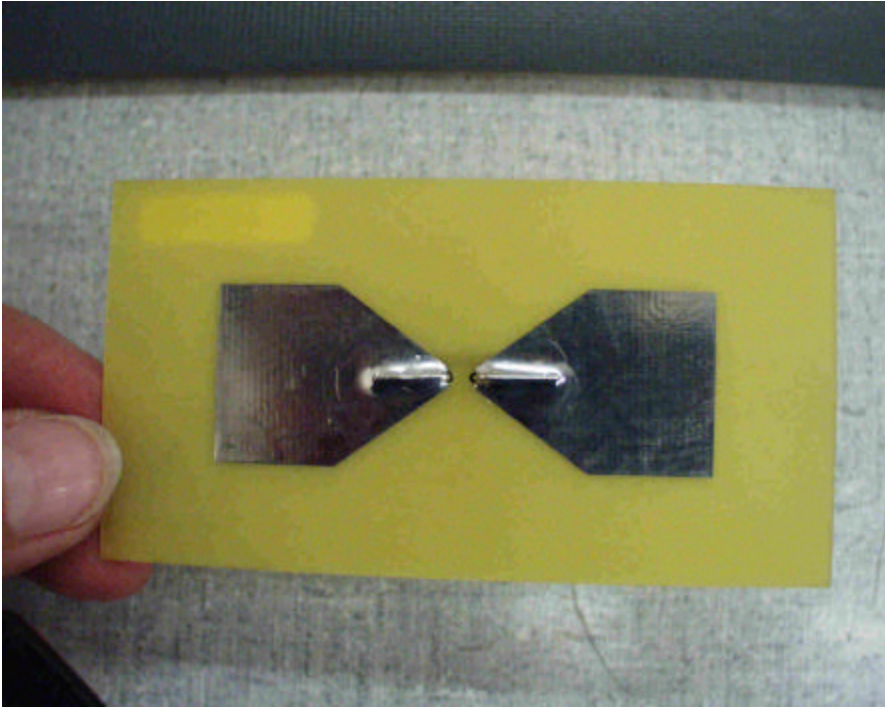
BALUN PC BOARD SHOWN ATTACHED TO FAN BD SHRINK WRAP REMOVED.



BALUN PC BOARD BACK SIDE

5100 ANTENNA ASSEMBLY
Internal Photos

6. FAN PC BOARD



FOAM PIECES INSTALLED IN SHIELD (NO BOARDS)