

52600 ANTENNA ASSEMBLY
Internal Photos

**52600 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:

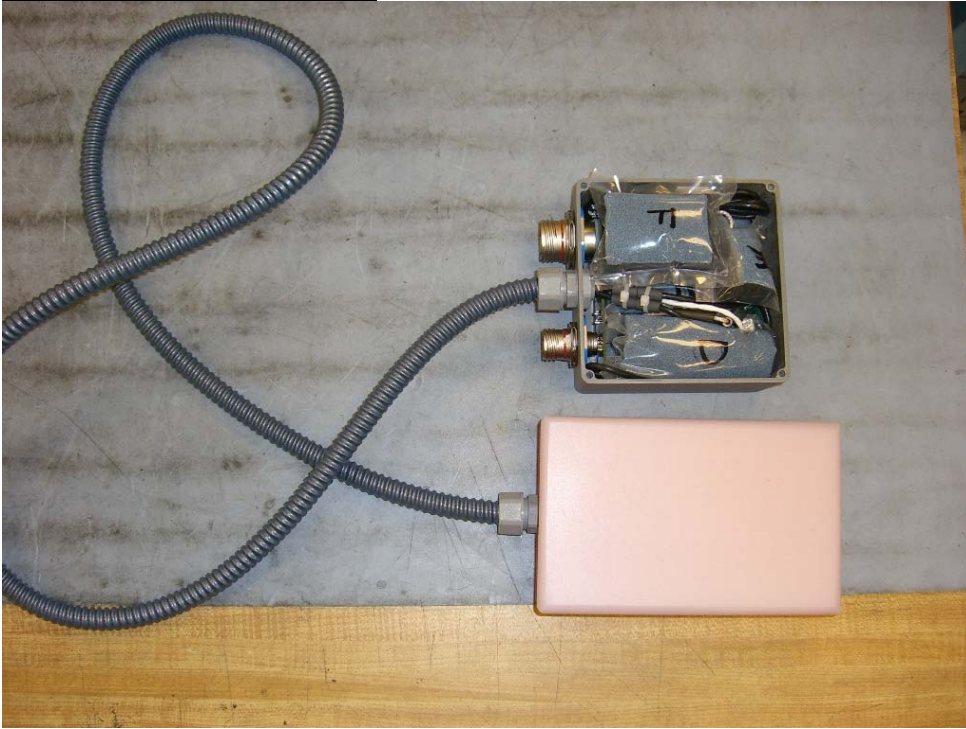
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|------------------------------------|--------|
| 1. AMP INTERFACE PC BOARD | PAGE 4 |
| 2. 3 GHZ RECEIVER SAMPLER PC BOARD | PAGE 5 |

ANTENNA HEAD CONSISTS OF:

- | | |
|----------------------------|--------|
| 3. 52600 TRANSMITTER BOARD | PAGE 7 |
| 4. BALUN PC BOARD | PAGE 8 |
| 5. FAN PC BOARD | PAGE 9 |

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52600 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

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TOP VIEW OF ELECTRONICS WITH BAGGED SHIELDING FOAM REMOVED AMPLIFIER INTERFACE PCB VISIBLE.



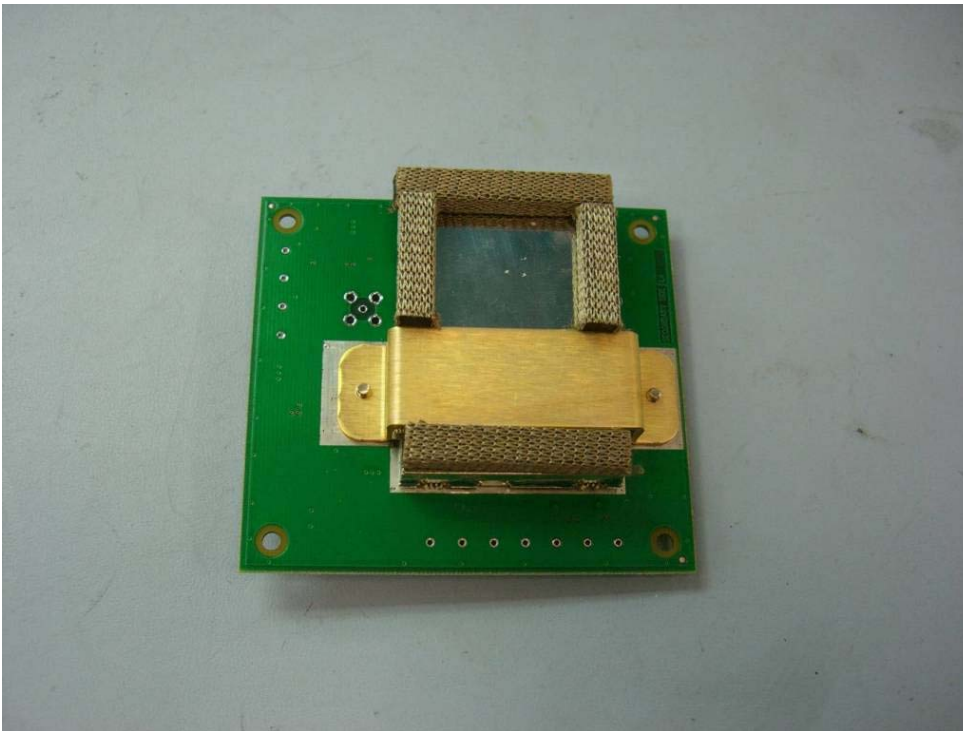
TOP VIEW OF ELECTRONICS SHOWING COILED DELAY LINE

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1. AMP INTERFACE PC BOARD



TOP VIEW



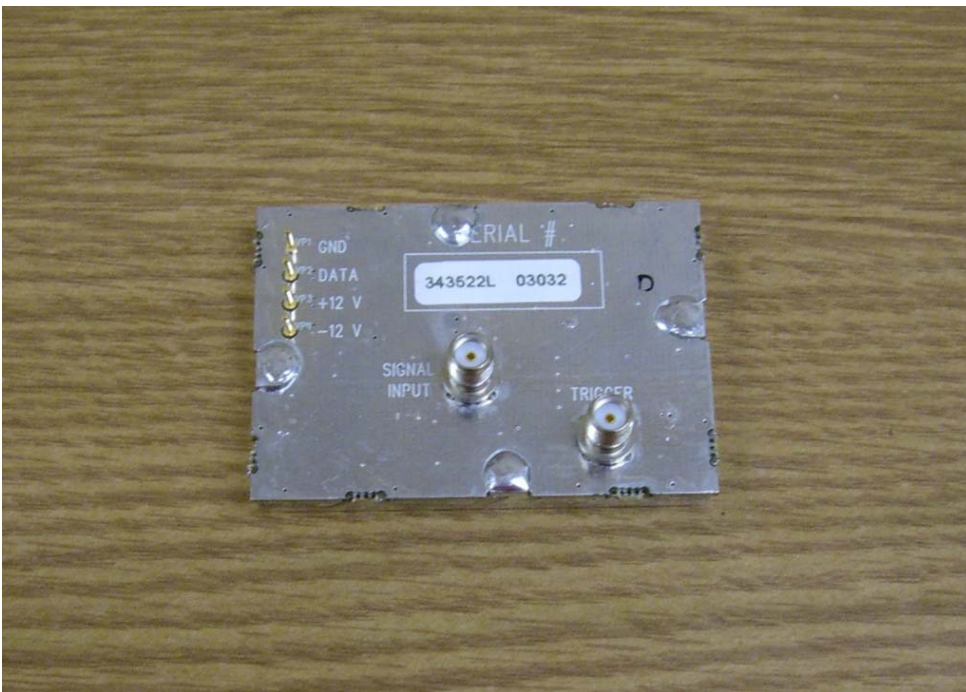
BACK VIEW WITH 3 GHZ RECEIVER SAMPLER IN SHIELDING CAN ATTACHED

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2. 3 GHZ RECEIVER SAMPLER PC BOARD



TOP VIEW, SHIELDED

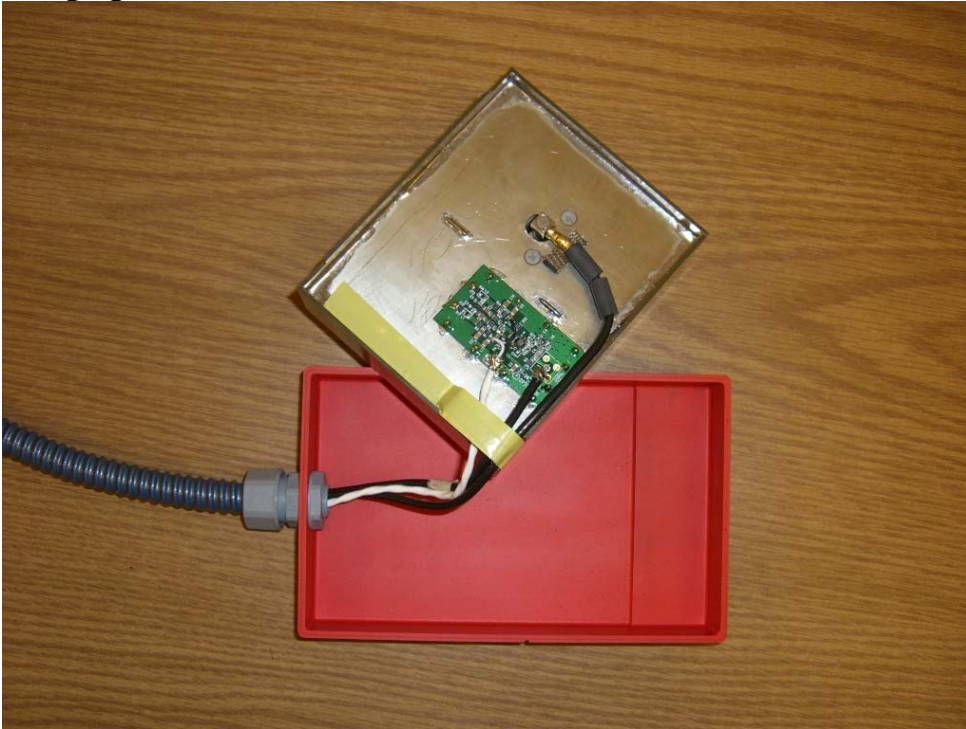


BOTTOM VIEW

5100 ANTENNA HEAD

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see page 1 for assembled view



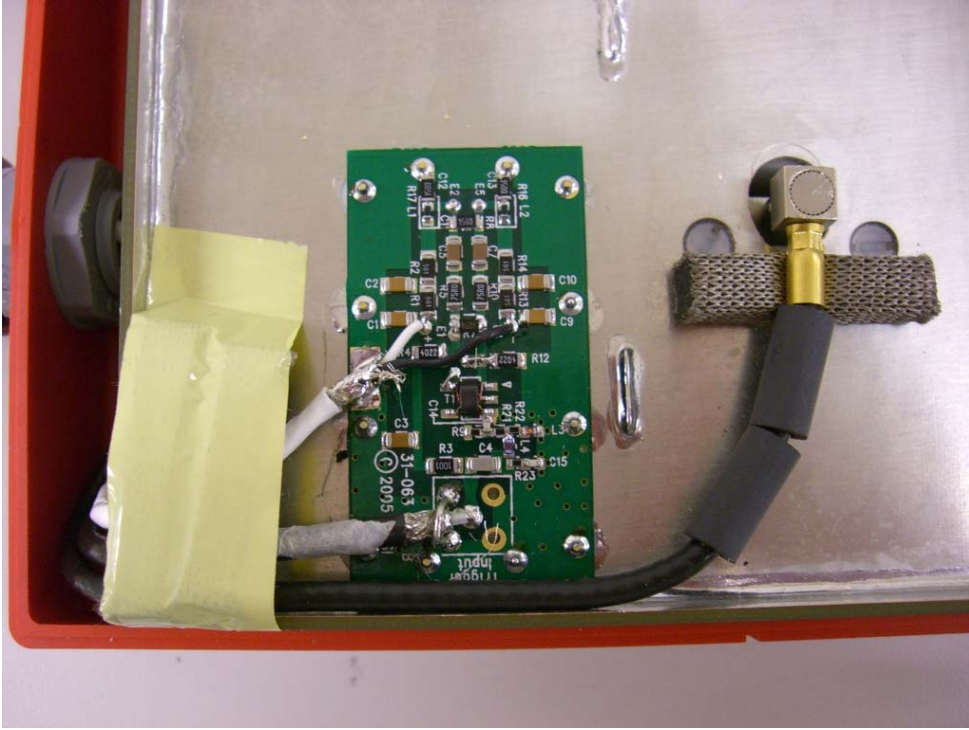
ANTENNA HEAD: TRANSMITTER PCB SIDE SHOWN W/RECEIVER BALUN CONNECTION (TOP). DETAILS FOLLOW.



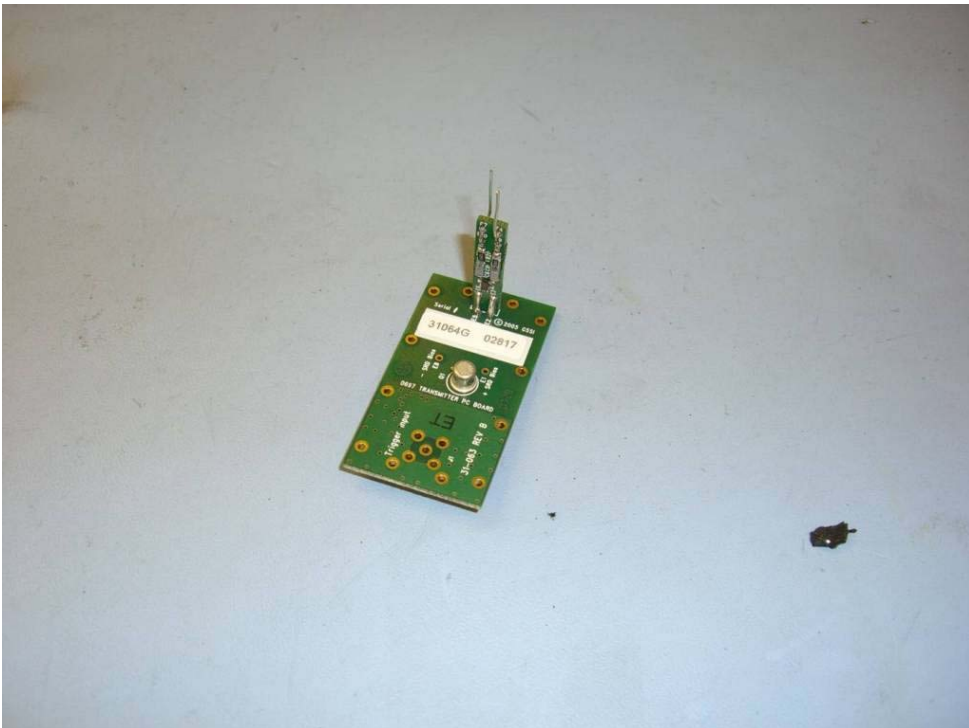
ANTENNA HEAD WITH CASE BOTTOM REMOVED AND TURNED OVER TO EXPOSE FANS.

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4. 5100 TRANSMITTER BOARD AS ASSEMBLED



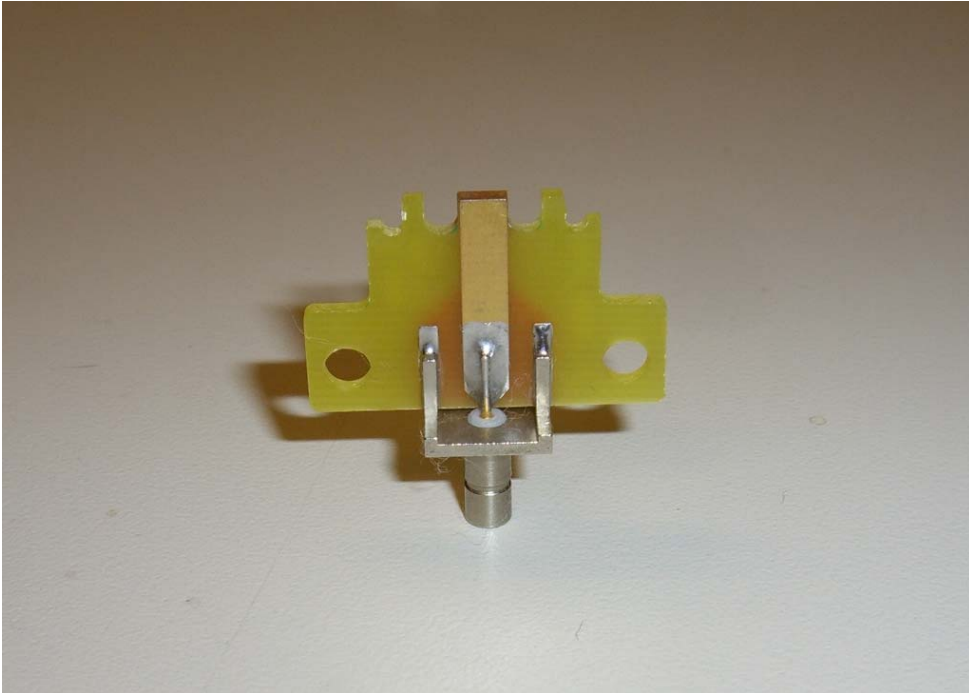
TRANSMITTER BOARD TOP SIDE



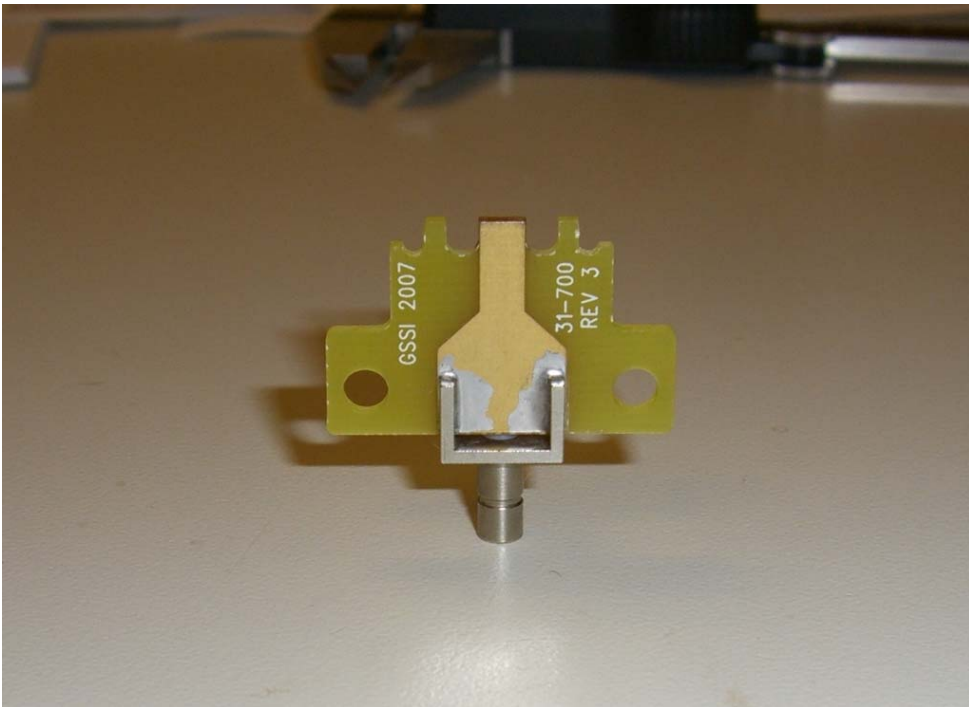
TRANSMITTER BOARD BACK SIDE. SMALL BOARD IS INSERTED INTO FOAM AND ATTACHED TO FAN.

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5. BALUN PC BOARD



BALUN PC BOARD FRONT SIDE



BALUN PC BOARD BACK SIDE

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6. FAN PC BOARDS & FOAM



FAN PCB'S AND FOAM PIECES INSTALLED IN SHIELD