Appendix B
Printed Circuit Board Artwork

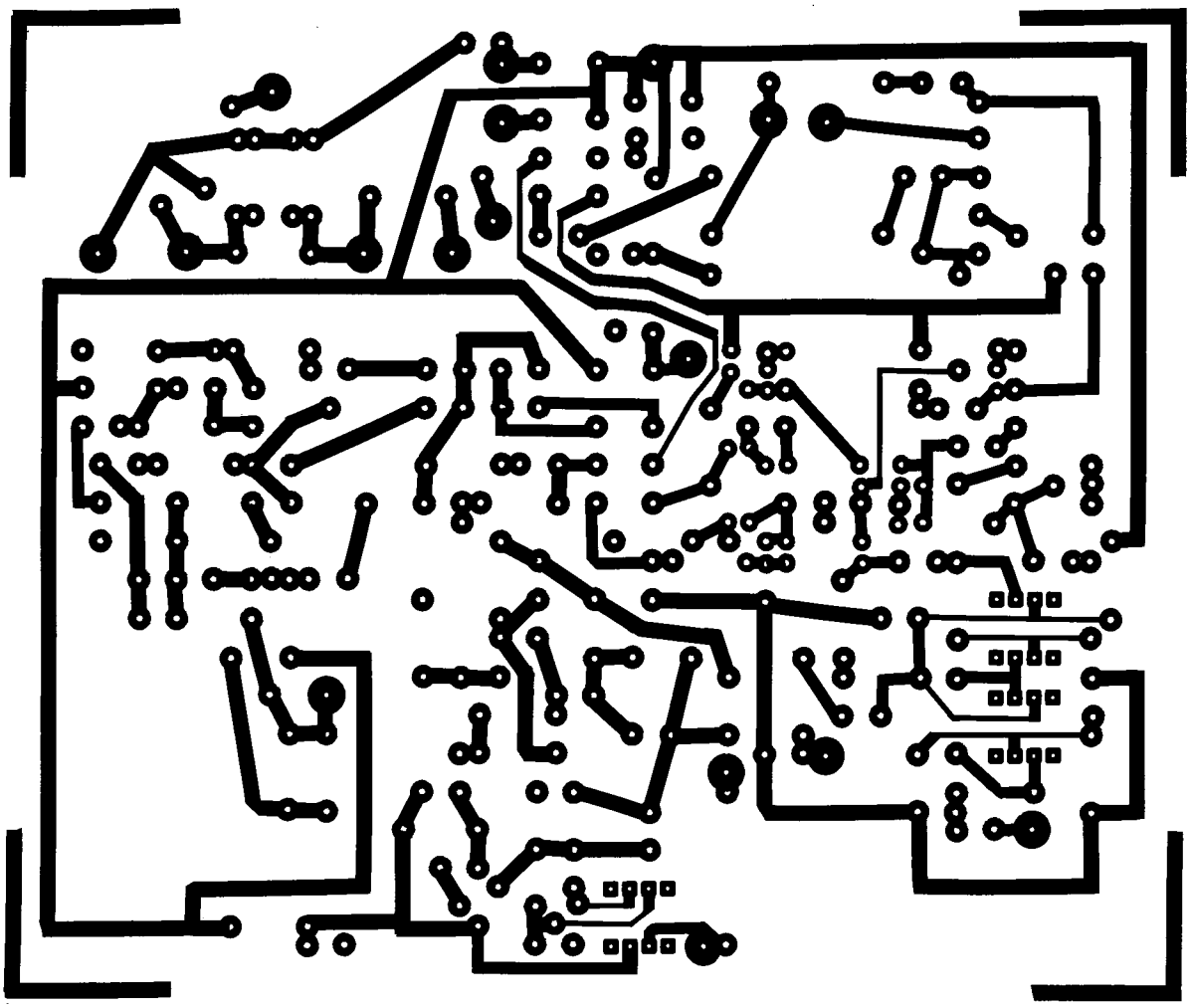

Fig 7.39: 1.8MHz QRP transceiver PCB layout

IMPORTANT NOTICE

Whilst every effort has been made to ensure that the artwork in this appendix is displayed accurately, it is the responsibility of the reader to check that he/she is using the correct drawing, that it is accurate and the correct size (some may need re-scaling on a photocopier) and whether the artwork is 'mirror image'. It is important to read the associated text in the relevant chapter.

The RSGB cannot be held responsible for any errors or consequential losses incurred by the use of this artwork.

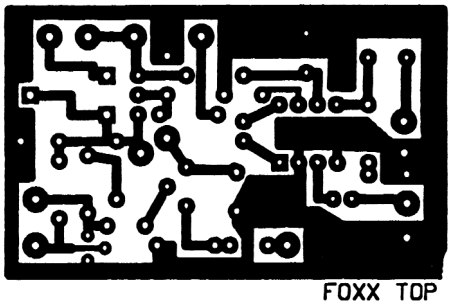

Fig 7.46: FOXX2 PCB layout

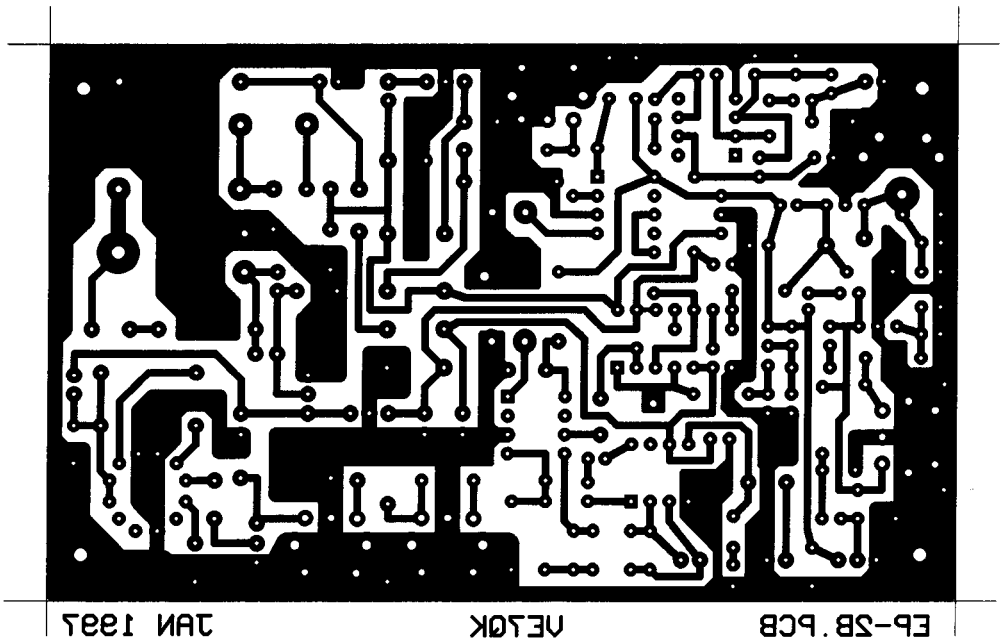

Fig 7.52: Epiphyte-2 PCB layout. This image is reversed

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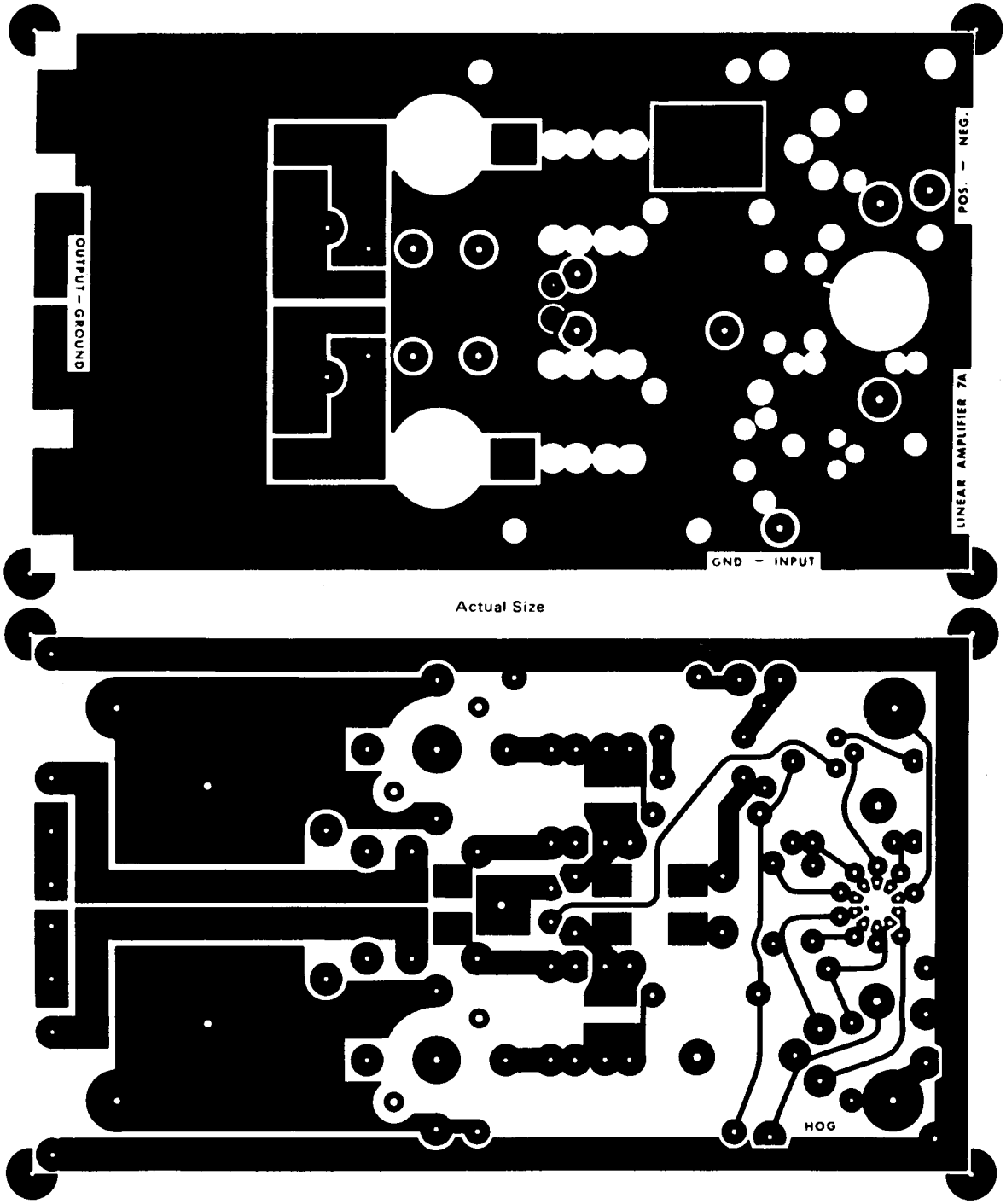

Fig 7.60: The PCB layouts for the 140-300W amplifiers (Motorola)

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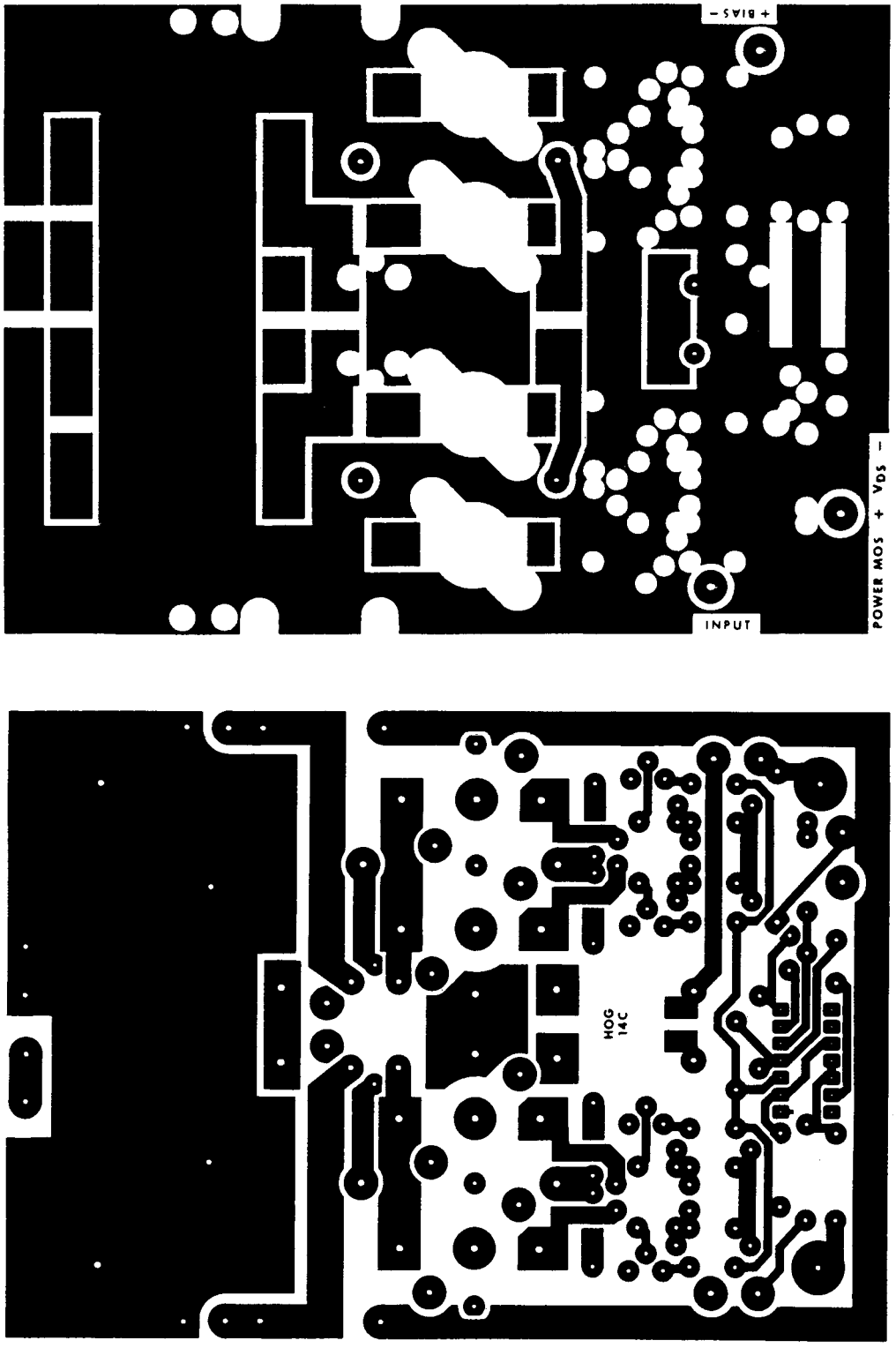

Fig 7.67: PCB layouts for the 600W amplifier (Motorola)

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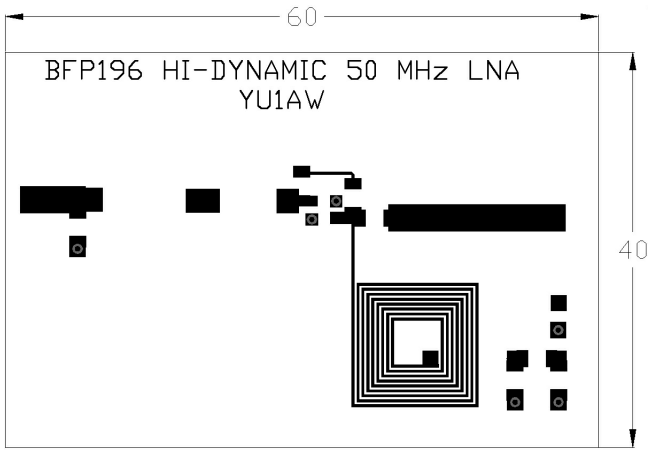

Fig 9.41: PCB layout for the 6m low noise preamplifier. The illustration should be re-scaled as shown

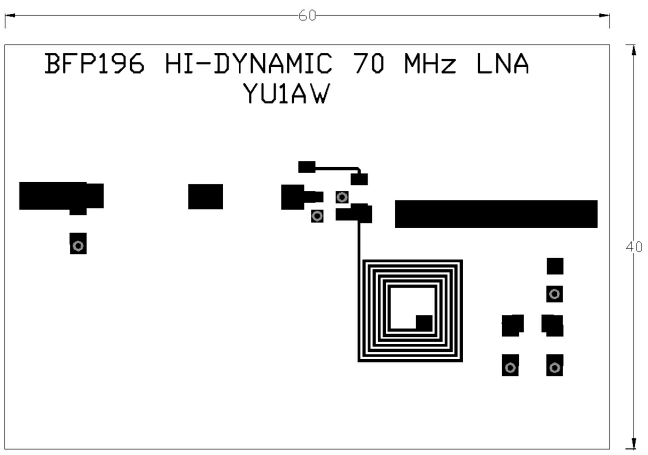

Fig 9.42: PCB layout for the 4m low noise preamplifier. The illustration should be re-scaled as shown

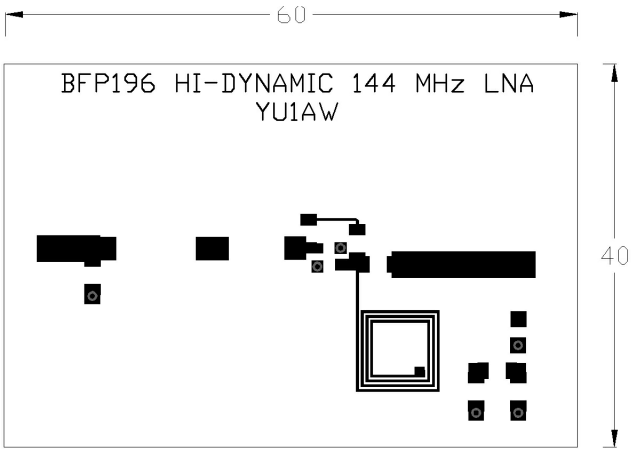

Fig 9.43: PCB layout for the 2m low noise preamplifier. The illustration should be re-scaled as shown

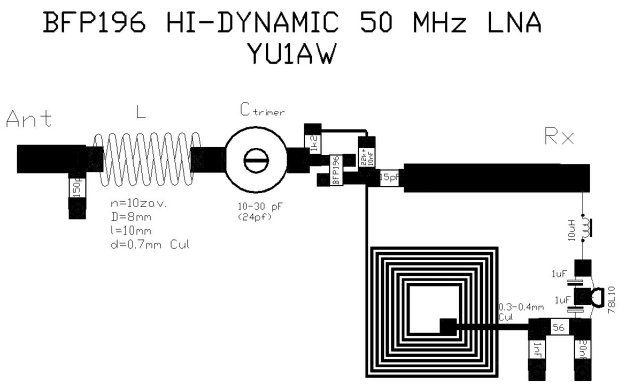

Fig 9.51: Component layout for the 6m low noise preamplifier

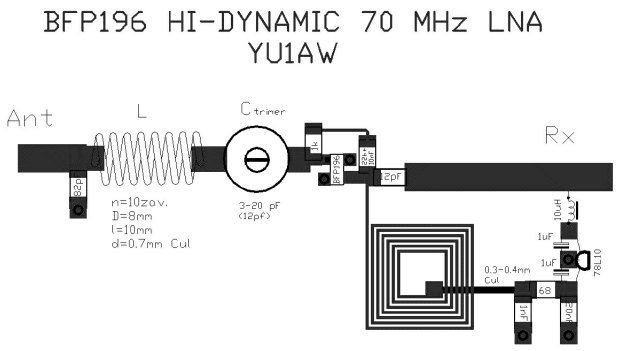

Fig 9.52: Component layout for the 4m low noise preamplifier

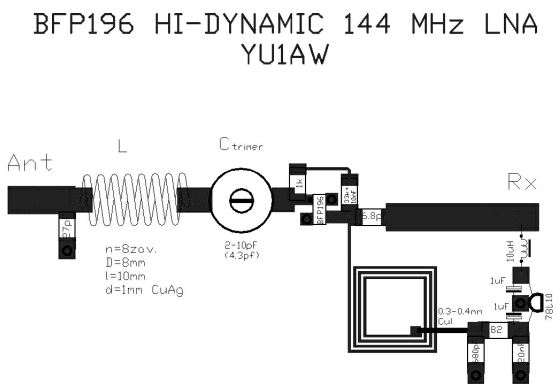

Fig 9.53: Component layout for the 2m low noise preamplifier

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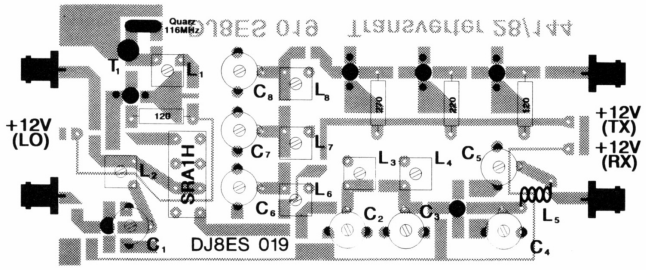

Fig 9.116: Component layout for the 2m transverter showing the component side of the PCB. The board size is 54 x 108mm

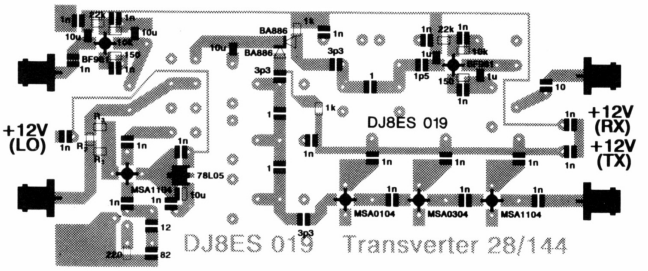

Fig 9.117: Component layout for the 2m transverter showing the track side of the PCB and the positions of the SMD components

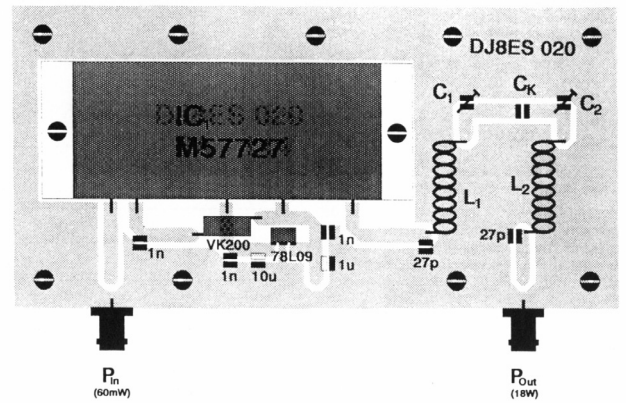

Fig 9.123: Component layout of the 2m power amplifier to be used with the 2m transverter. The board size is 54 x 108mm

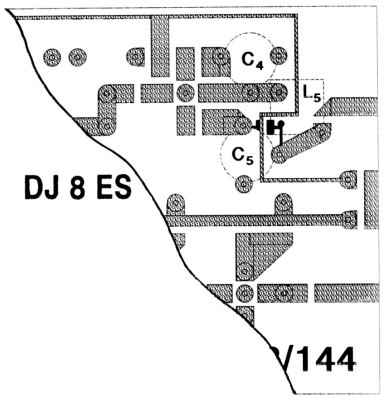

Fig 9.125: Details of modifications to the 2m transverter PCB for use as 6m transverter

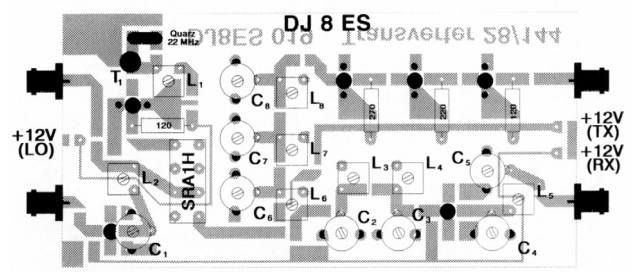

Fig 9.126: Component layout for the 6m transverter showing the component side of the PCB

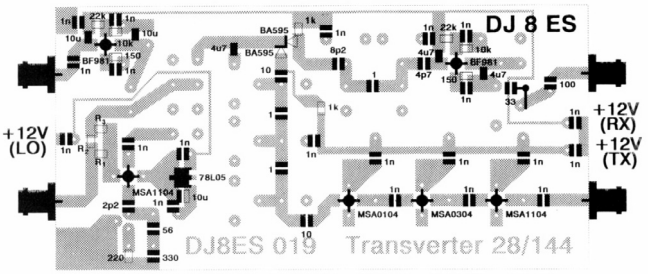

Fig 9.127: Component layout for the 6m transverter showing the track side of the PCB and the positions of the SMD components

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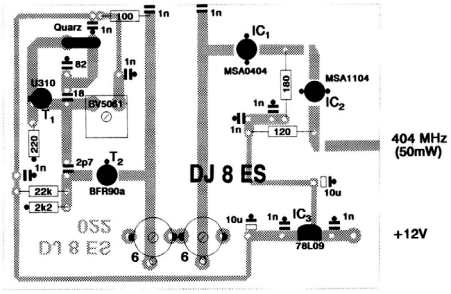

Fig 9.133: Component layout of the local oscillator used on the 70cm transverter showing the component side of the PCB.

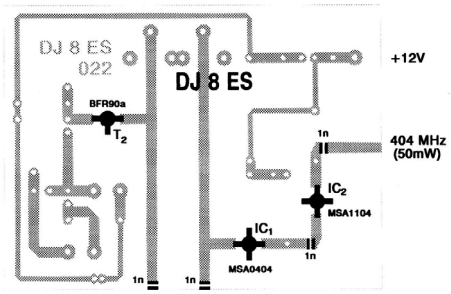

Fig 9.134: Component layout of the LO on the 70cm transverter showing the track side of the PCB and the positions of the SMD components

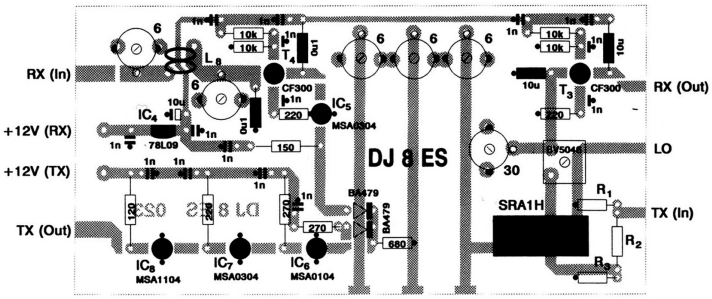

Fig 9.135: Component layout for the 70cm transverter showing the component side of the PCB

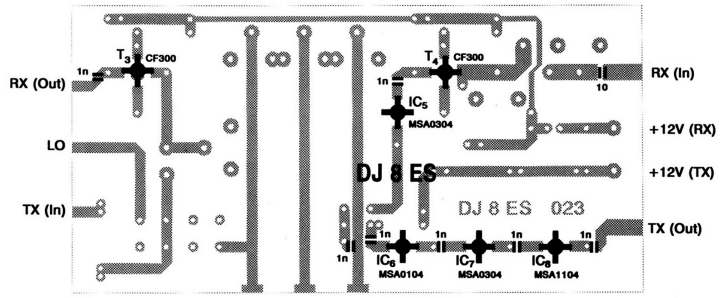

Fig 9.136: Component layout for the 70cm transverter showing the track side of the PCB and the positions of the SMD components

Before using this artwork, please read the IMPORTANT NOTICE on page B.1 of this Appendix

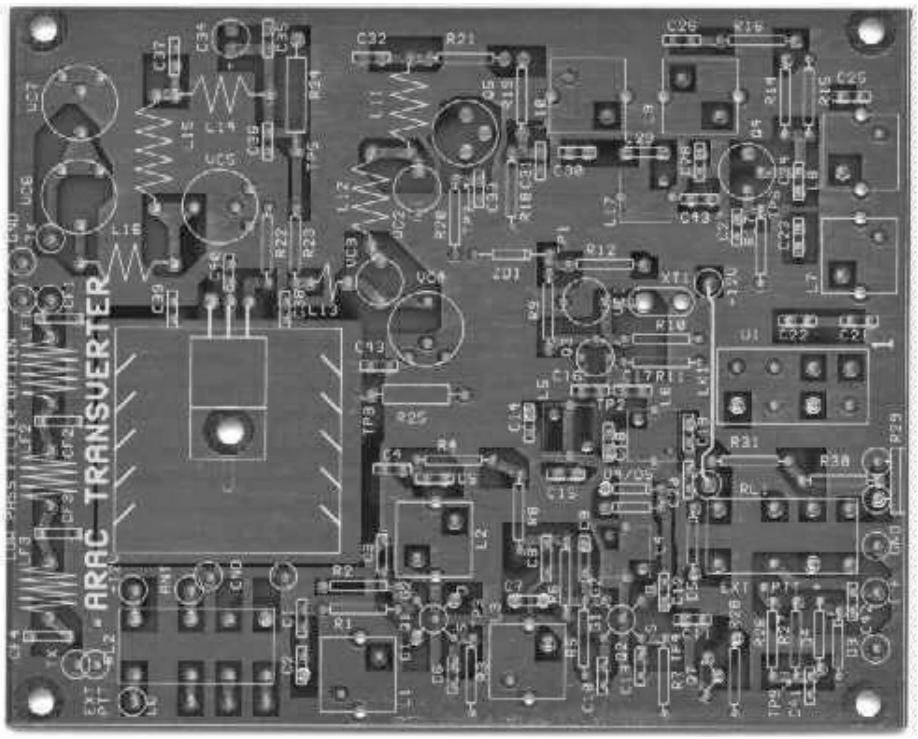

Fig 9.141: Fig 9.143: Component side of PCB for the 4m transverter. Not to size

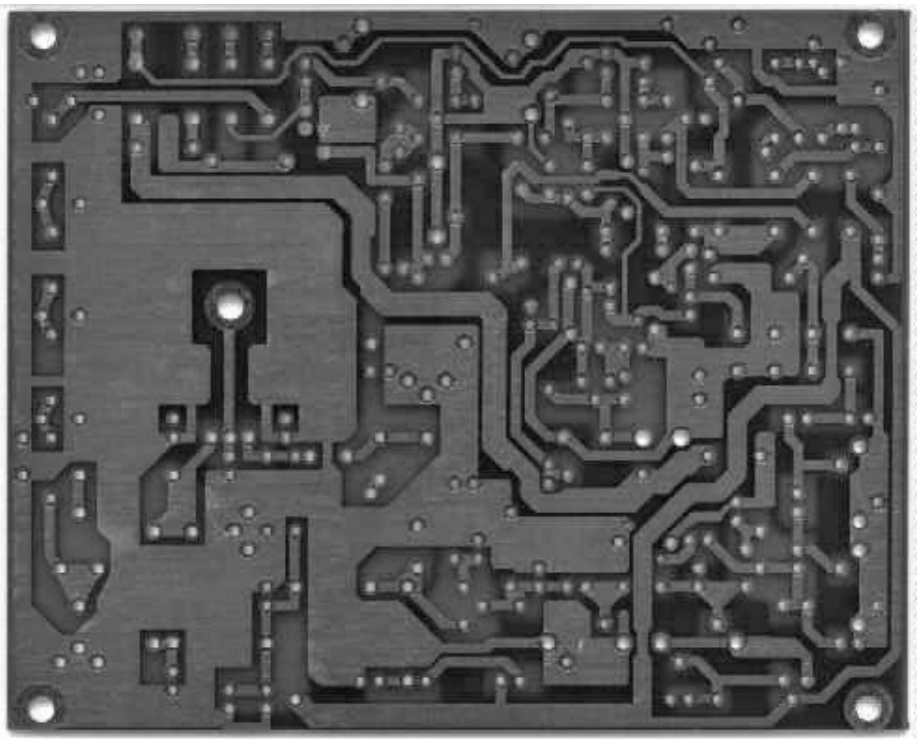

Fig 9.142: Track side of PCB for the 4m transverter. Not to size

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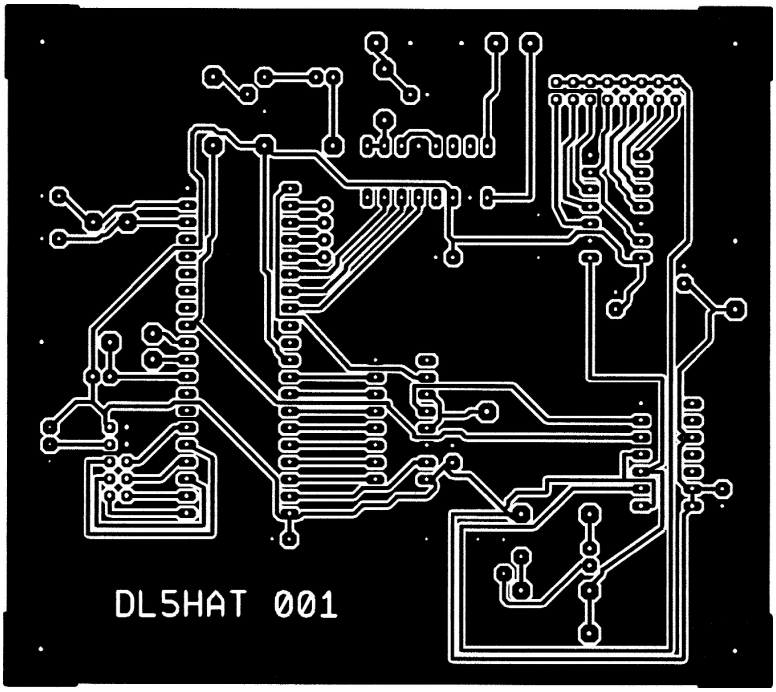

Fig 11.41: PCB layout (DL5HAT-001) for GPs control stage of the high precision frequency standard for 10MHz. The finished PCB should be 100mm x 100m

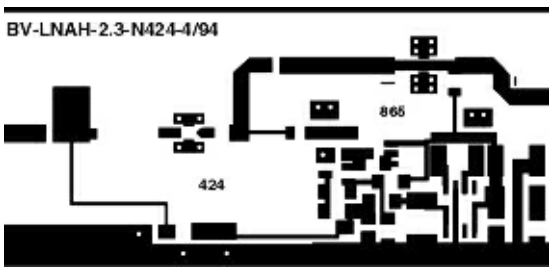

Fig 11.50: PCB layout for 13cm PHEMT. PCB dimensions are 34 x 72mm

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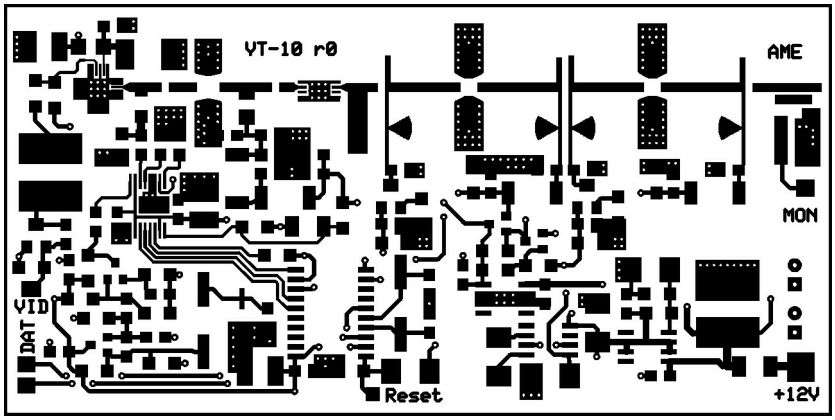

Fig 11.103: Top side PCB layout for the ATV transmitter

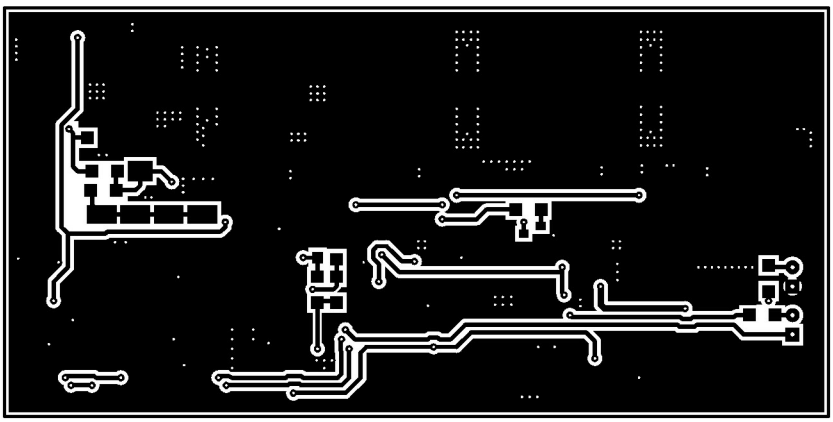

Fig 11.104: Bottom side PCB layout for the ATV transmitter

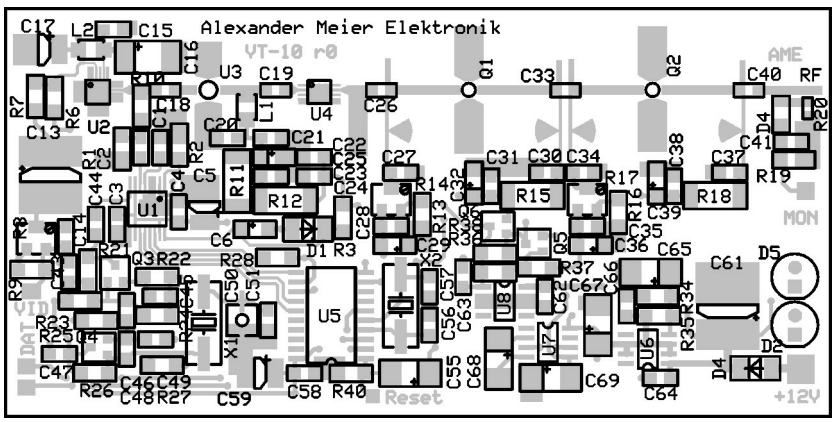

Fig 11.105: Top side component layout for the ATV transmitter

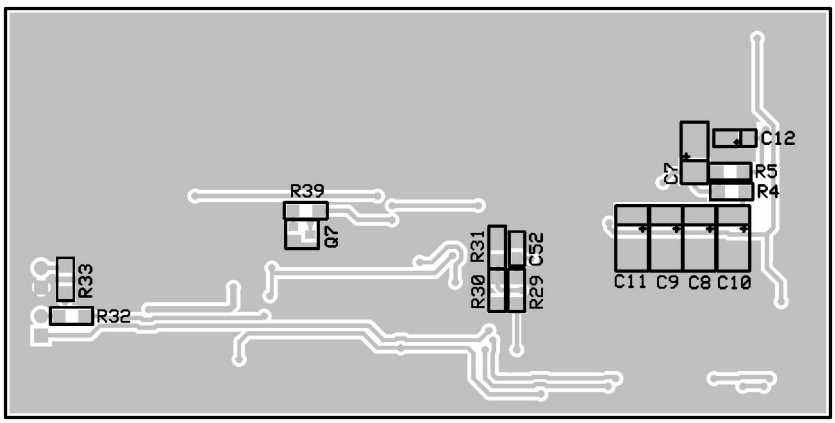

Fig 11.106: Bottom side component layout for the ATV transmitter

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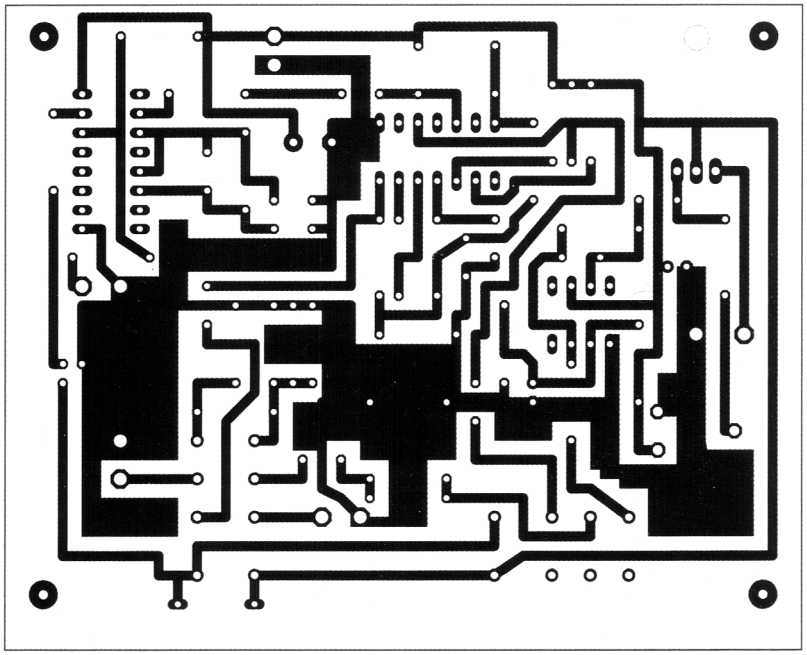

Fig 11.155: Transverter PCB foil pattern, full size

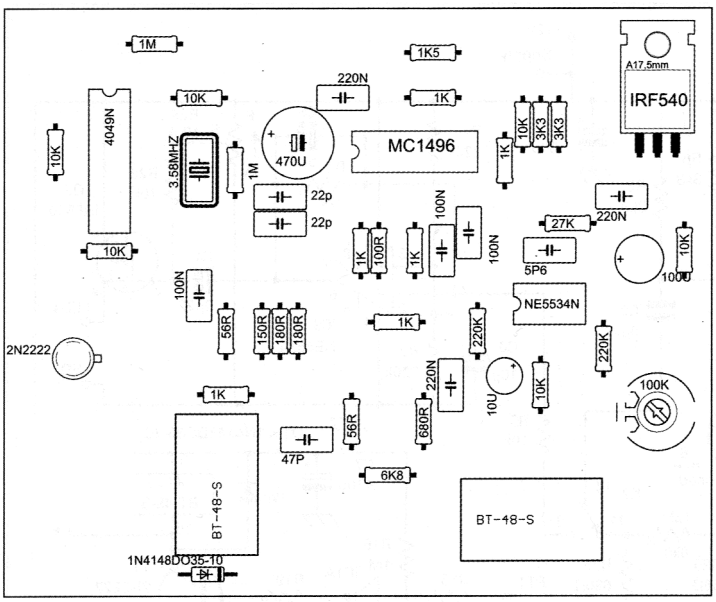

Fig 11.156: Transverter component placement

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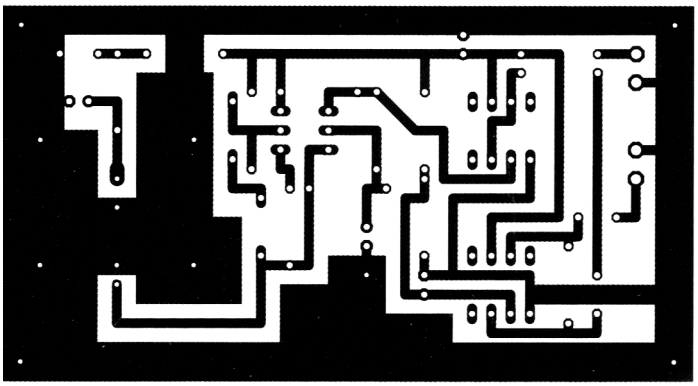


Fig 11.163: Receive head PCB foil pattern, full size (two op-amp version)

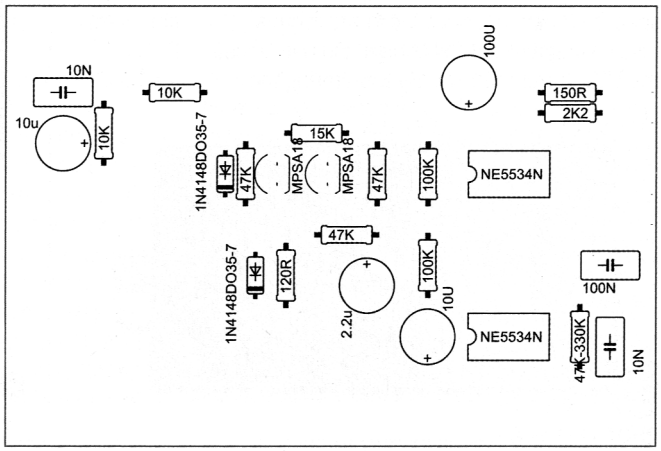
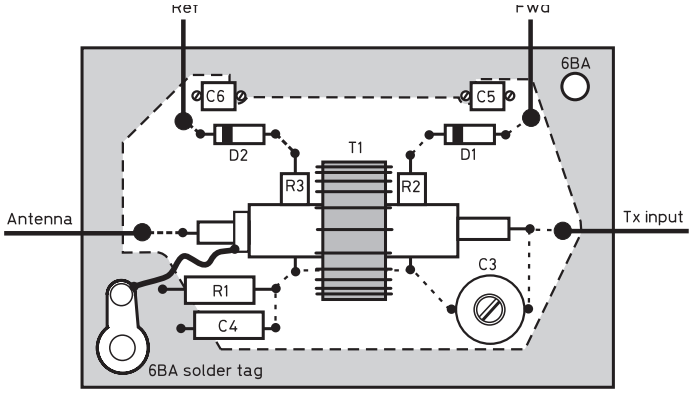


Fig 11.164: Receiver head component placement (two op-amp version)



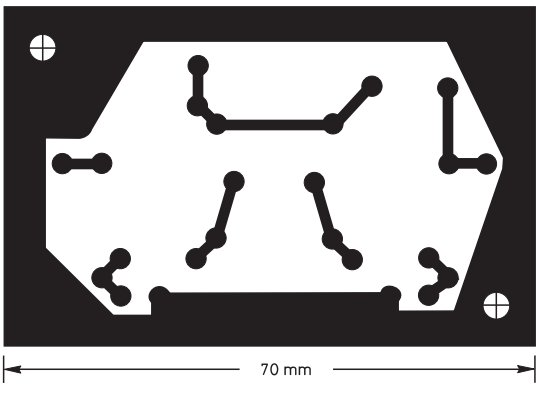


Fig 15.34: PCB and layout for the SWR bridge

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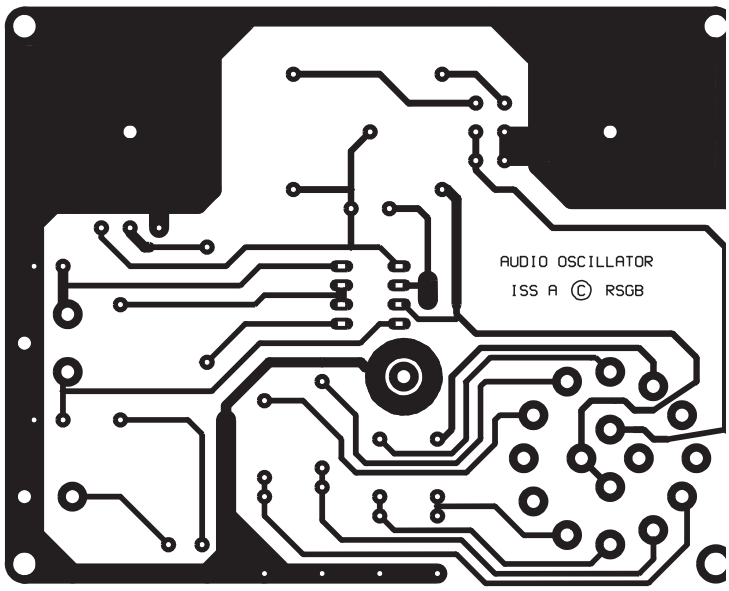

Fig 24.38: Low frequency oscillator PCB layout

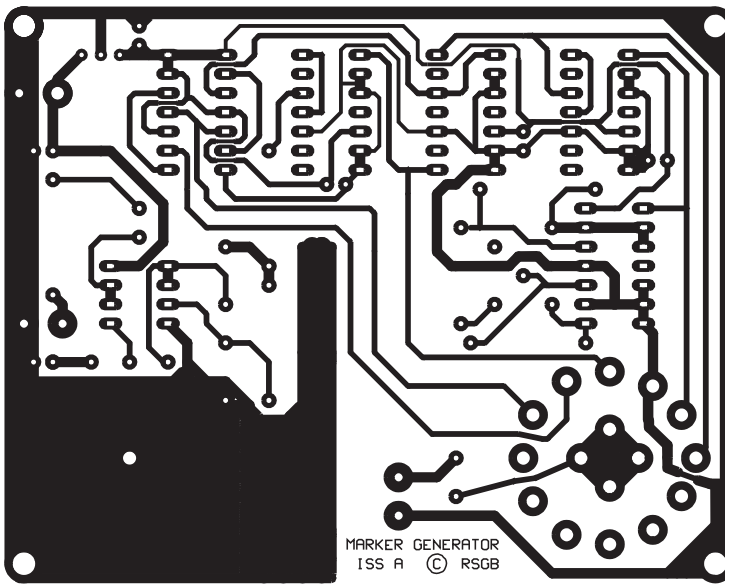

Fig 24.41: Frequency marker PCB layout

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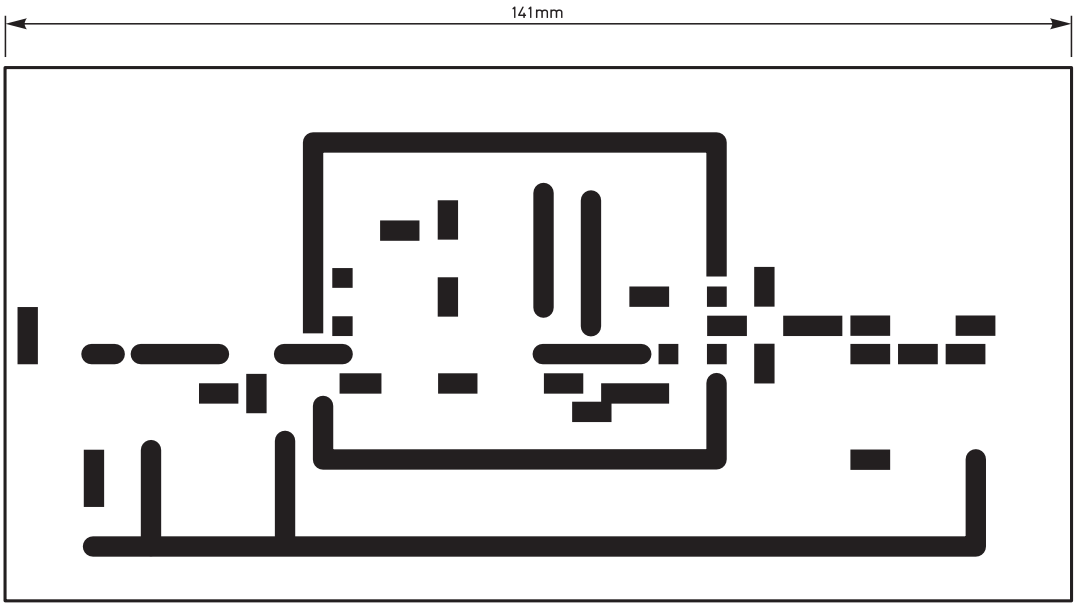

Fig 24.45: PCB layout for the combined 2m and 70cm signal source

Before using this artwork, please read the IMPORTANT NOTICE on page B.1 of this Appendix