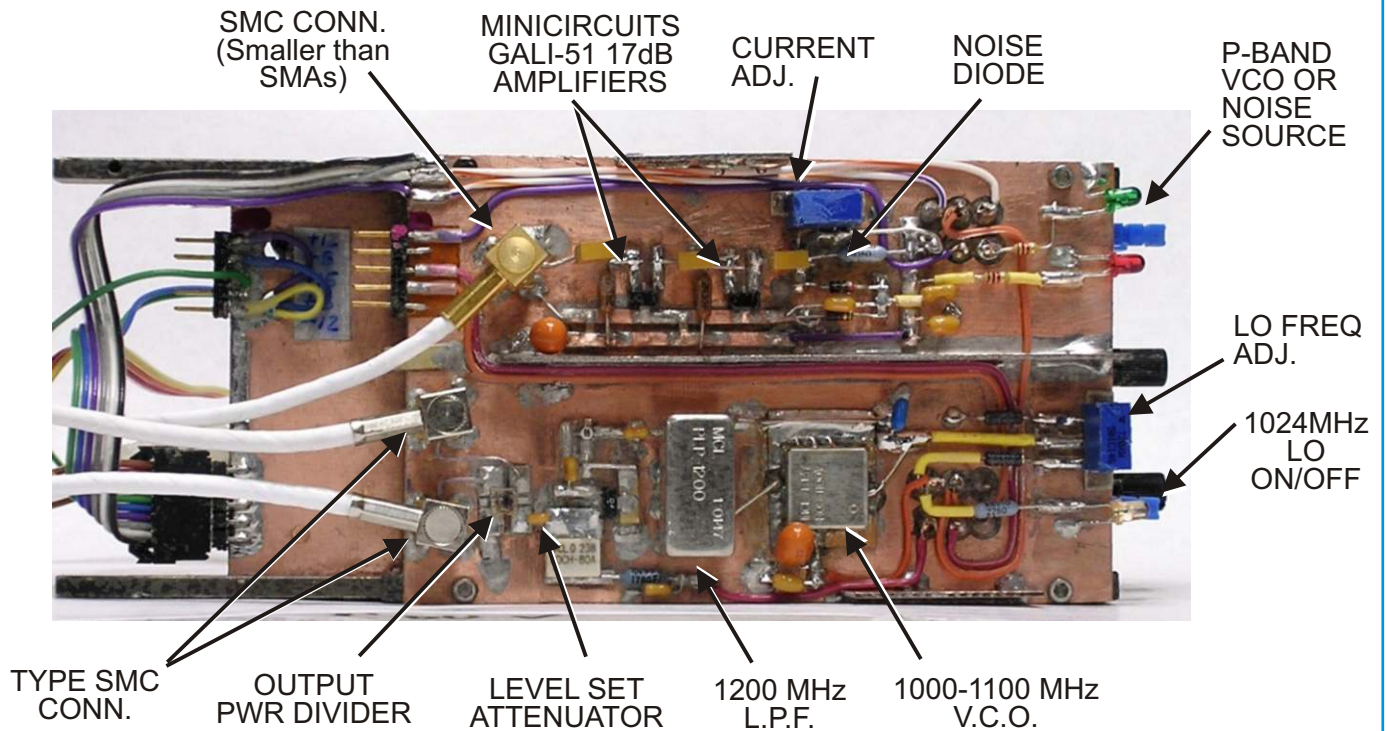


MANHATTAN CONSTRUCTION – NOISE SOURCE & 1024 MHz LOCAL OSCILLATOR

A noise source is needed for checking out the combined spectrum of the 74 MHz and 308–348 MHz receivers. Output is -40 dBm, the total noise power of the receivers. The lower portion contains the 1024 MHz local oscillator, based on a MiniCircuits ROS1100 VCO. No significant leakage or other problems at 1024 MHz was noted with the Manhattan style of construction.



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