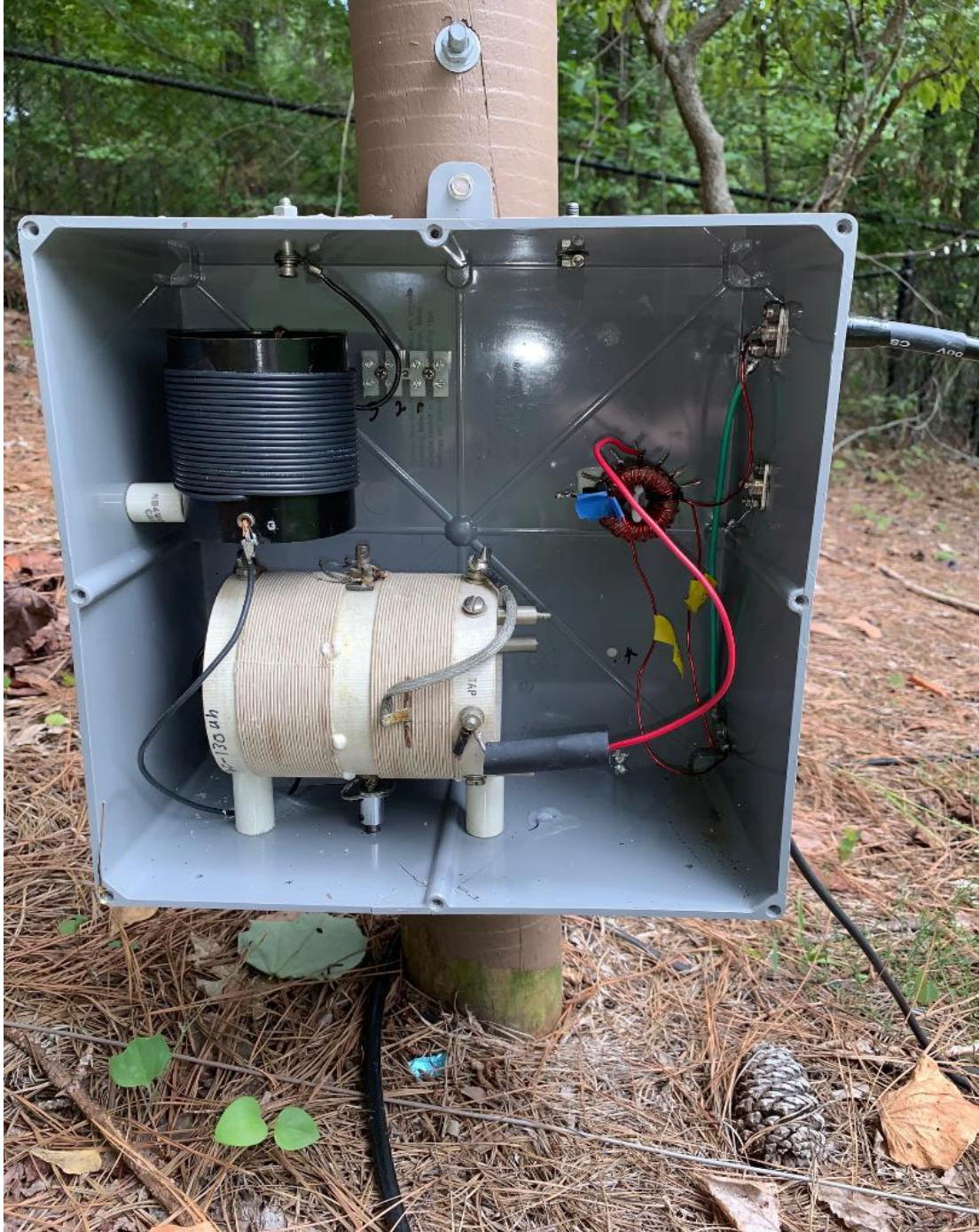
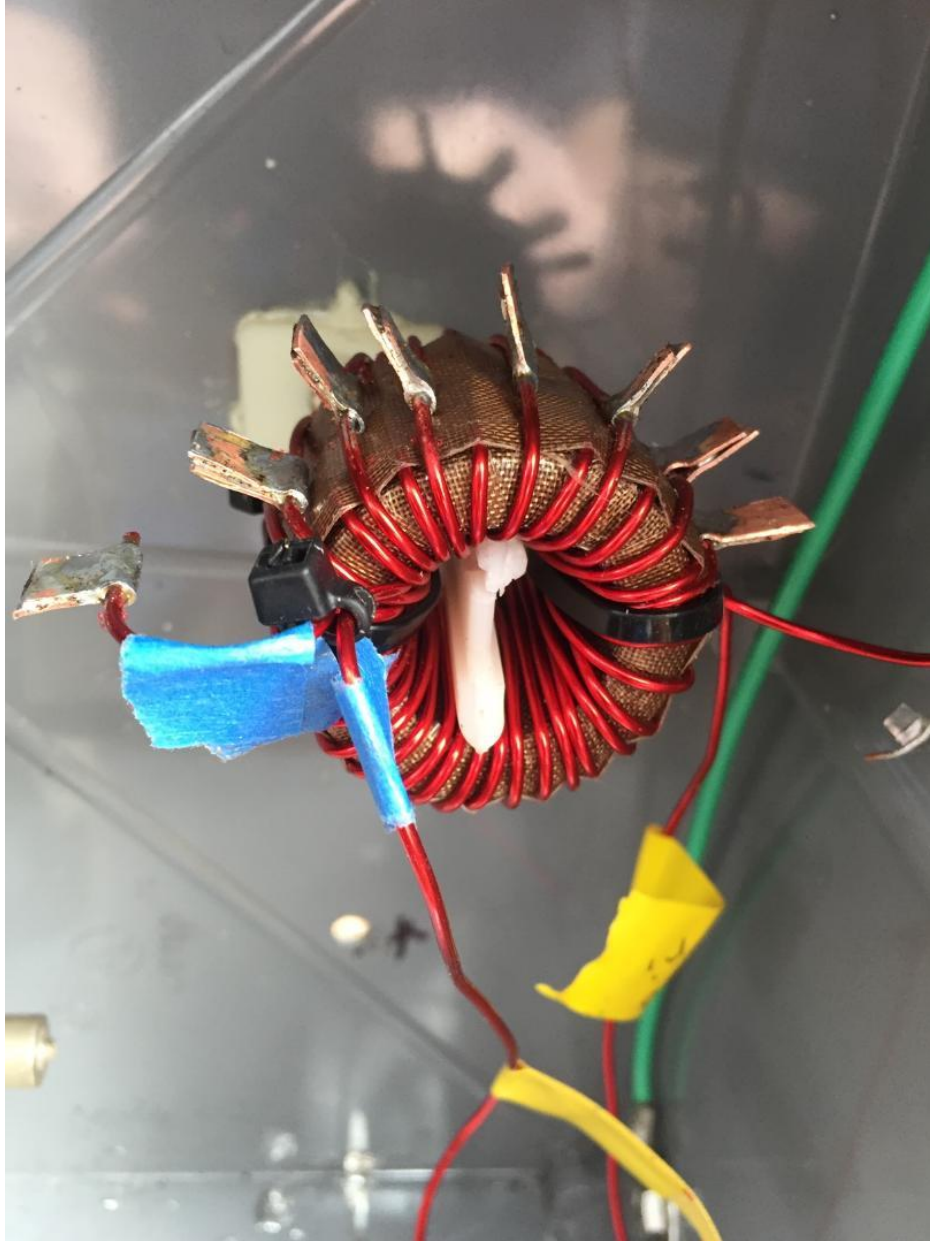


630 METER STATION TX ANTENNA





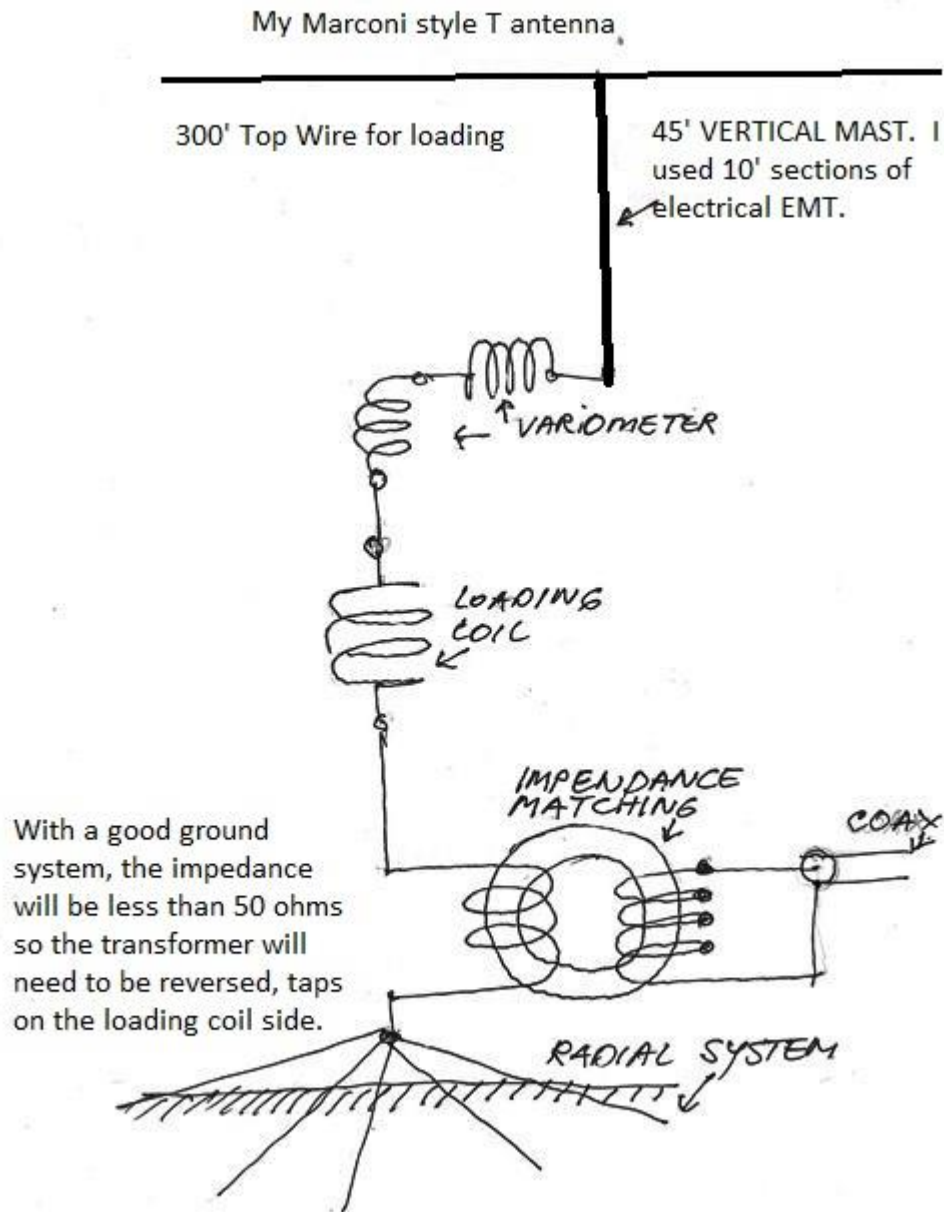
The white Variometer was found on eBay. It may have been removed from some type of transmitter. It has a maximum inductance of 130uh. The black coil adds the additional inductance to tune the antenna to 474 kHz. The small transformer is used to match the 50 ohm input to the impedance of the antenna. All this is mounted in a 12X12 inch electrical PVC box.



The information on how to wind the transformer came from Nick VK2DX. Here is his web page. <http://www.f6ciu.com/630m/630vk2/630vk.html> I also used his ideas on how to build my transmit antenna system.



I used CPVC pipe to insulate the vertical antenna section from the wood pole. There is a $\frac{1}{2}$ CPVC pipe inside the two outer $\frac{3}{4}$ pieces. The $\frac{1}{2}$ " pipe extends through the 2" EMT pipe. "The mounting hardware goes through the $\frac{1}{2}$ " pipe.



For additional information on building a transmit antenna check out <http://www.f6ciu.com/630m/630vk2/630vk.html>