

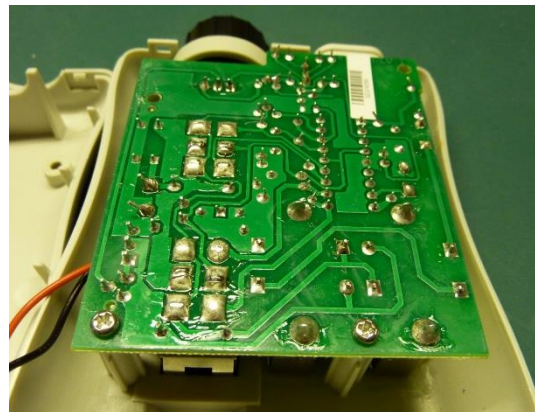
Microstim Assessment: Production Batch 2 – received 26th August 2016

Tests were performed on the second production batch of the new Microstim. These tests showed a moderate failure rate. An internal examination of the units revealed improvements over the initial production batch.

The issue with the component leg length has been addressed.



The quality of the soldering, while not first class, is sufficient. No serious faults were seen.



The output Voltage was tested against the previous generation of Microstim. At maximum output, the new version read a little higher than the previous model. Typically, the new model would read 95V/96V, whereas the older model would read 93V. This gives a good margin above the required 90V output.

Notably; one unit did have a maximum output of 80V. This unit will be investigated.

The case printing was noted to be a different shade to the previous model. The new case printing is of sufficient quality and did not smear when cleaned with isopropyl alcohol.

Of the 320 units received, 7 failed. No remedial work was necessary. Overall, the second batch has shown an improvement in production quality.