resulting output coupled to the bandpass filter (c3, 11, 9 and 12 & L2 and L3) via L5 and when built, an issue with the final stage emerged L6 which provide the impedance matching. This part of the circuit worked very well, but

and testing it as a real circuit. up, modelling the actual circuit in CAD, milling it in a small CNC machine and building Pete on the West Coast, he was designing, and then retiring for the night as I was getting At this point and taking advantage of the difference in the clock with me in the UK, and

on a redesign, shown below; sensitive, even with a stabilised supply to it. Pete abandoned that approach and embarked device from the drain. We experimented with other devices in that location, managing to get an IRF 510 working, but unreliably, as the operating point on the gate was hugely What failed to show us was that a significant voltage appeared on the gate of the final

room to make changes which the CAD technique tends not to. squares. Whilst not always tidy, it's immensely practical in that it's very flexible and gives developed over the years to allow a degree of flexibility, is to build on a grid of isolated Pete uses a CNC machine to build prototypes, but his favoured technique, which he has

leaf), and then measure it in a real-world implementation: Building this design in LTSpice, Pete was able to predict its performance (shown over-

