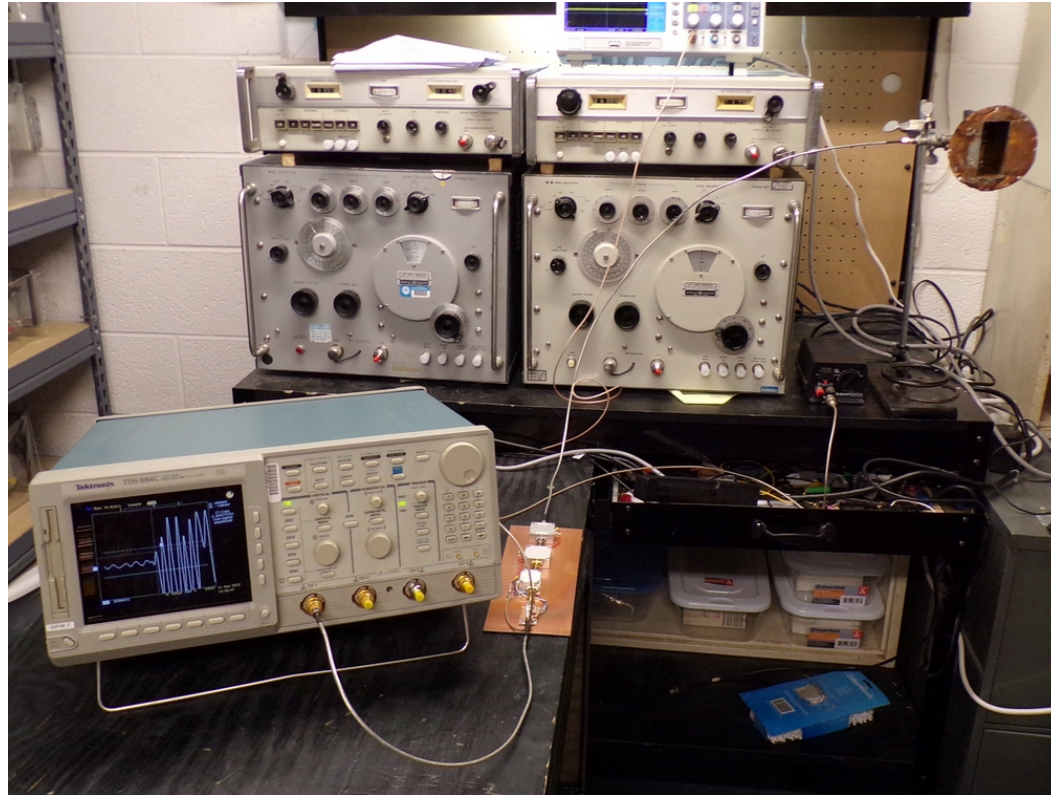
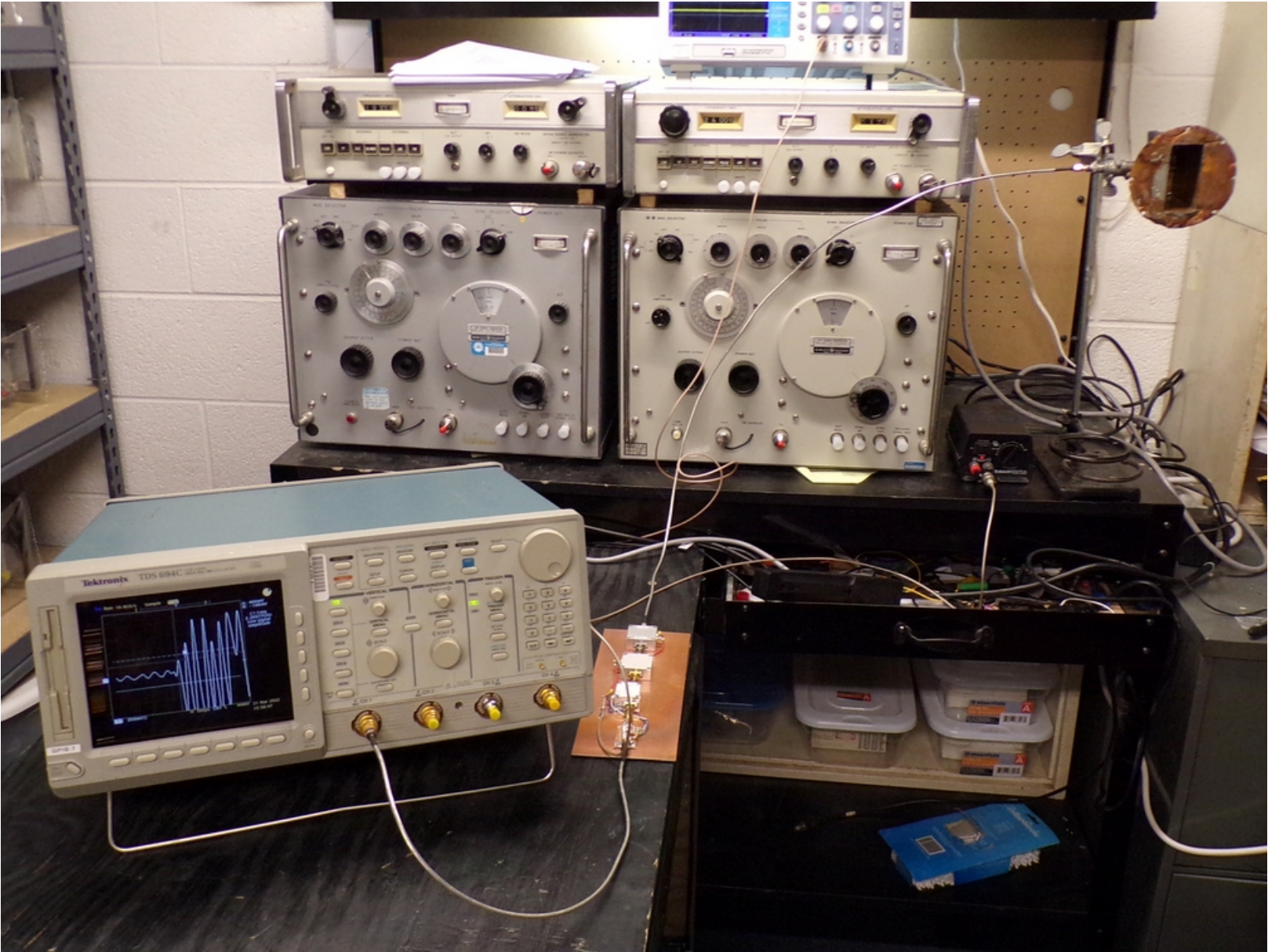


Up Dated Investigation of the Dave Shriner Effect

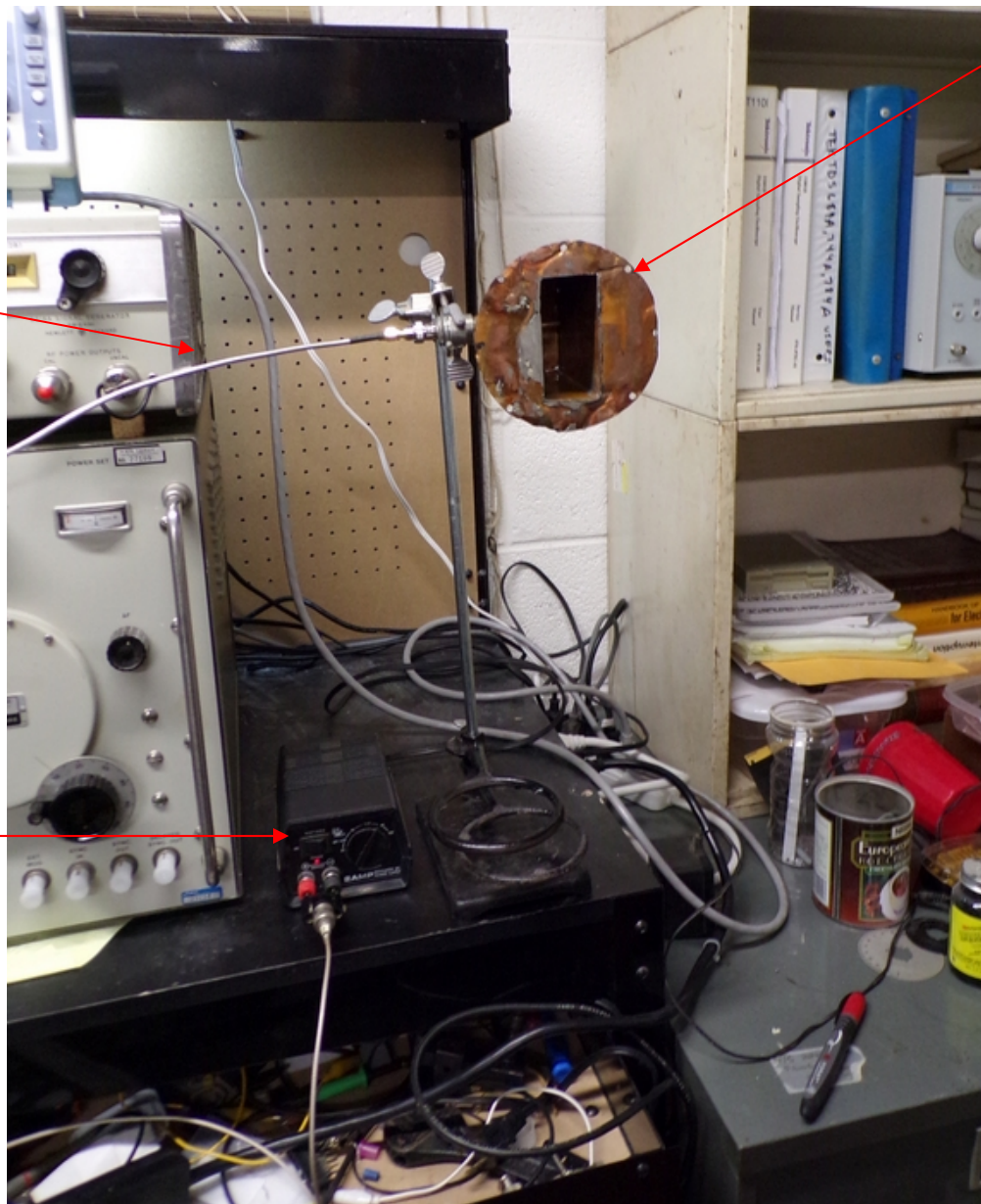


Dave Shriner back in the late 1970's demonstrated to me microwave generation by agitating metallic items in his pocket. The enclosed presentation represents my latest investigation of this effect as of 31March 2022; the initial results definitely demonstrates and exceeds what was demonstrated back then.

The Experimental Setup



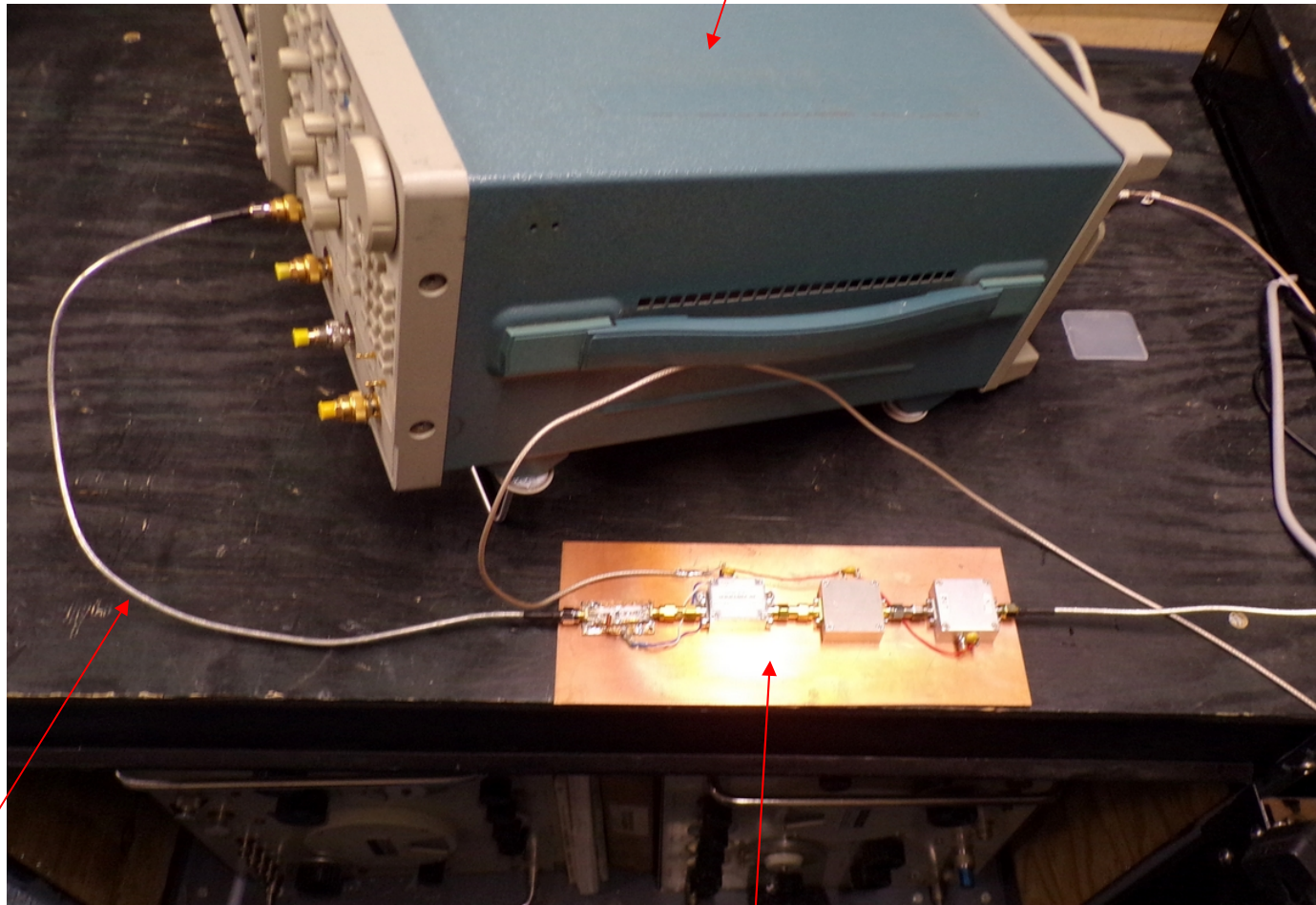
S- Band waveguide antenna



RG-402 Coax
feed from antenna to
microwave amplifier

9 volt power to microwave
amplifier

Tectronix TDS 694C 3Ghz Bandwidth DSO 10G samples/ sec



From antenna

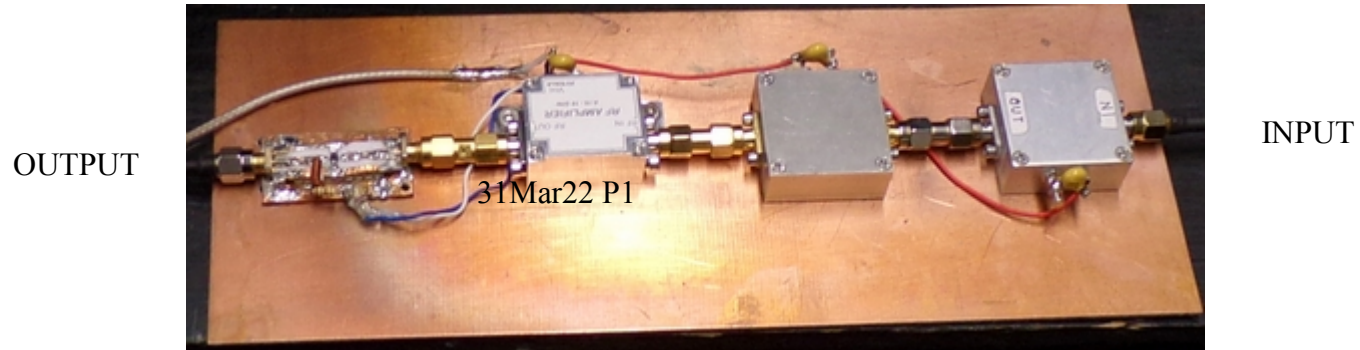
R402

9 volt power

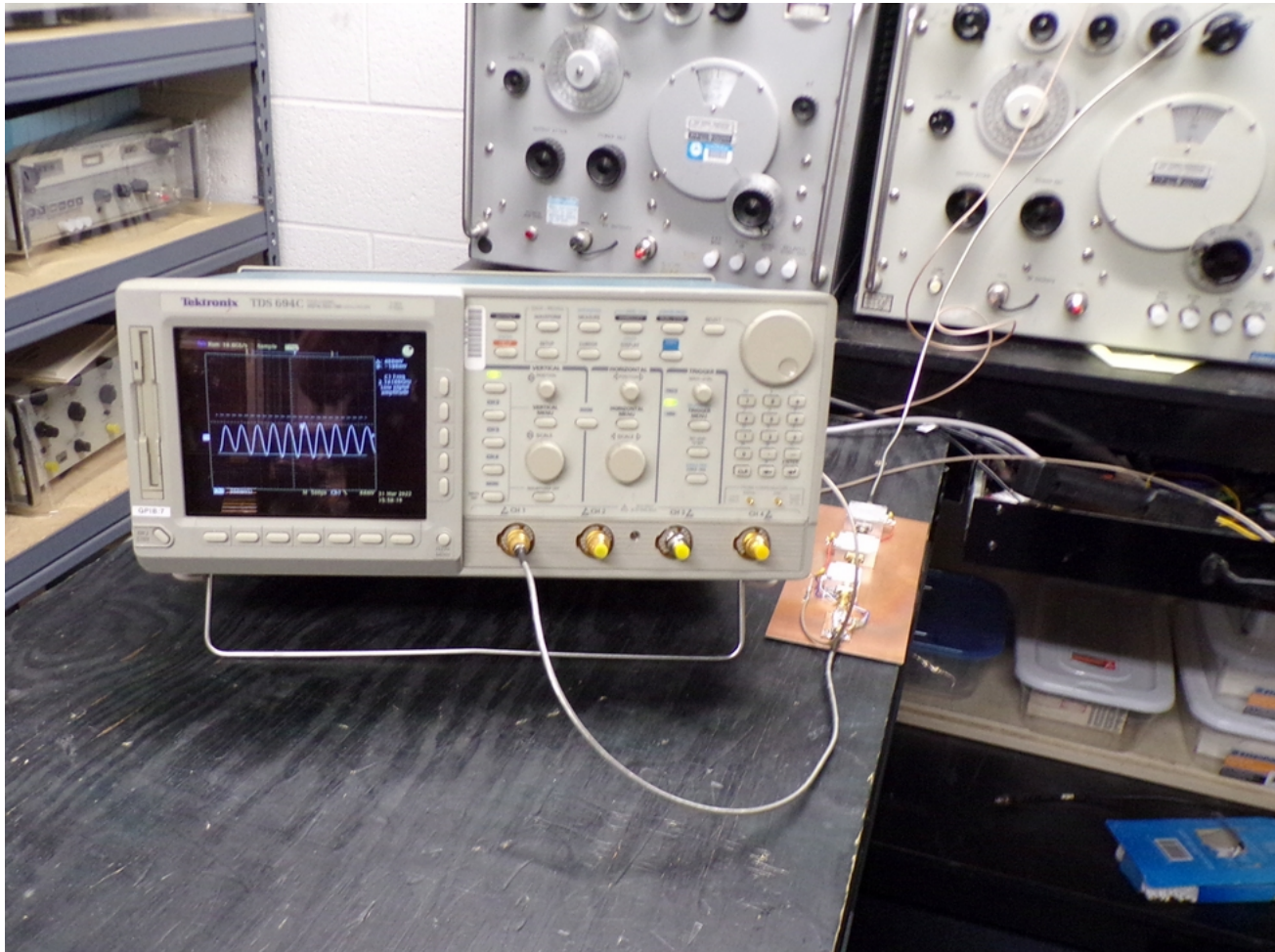
Microwave Amp;ifier

R402 coax from microwave amplifier to TDS 694C vertical input

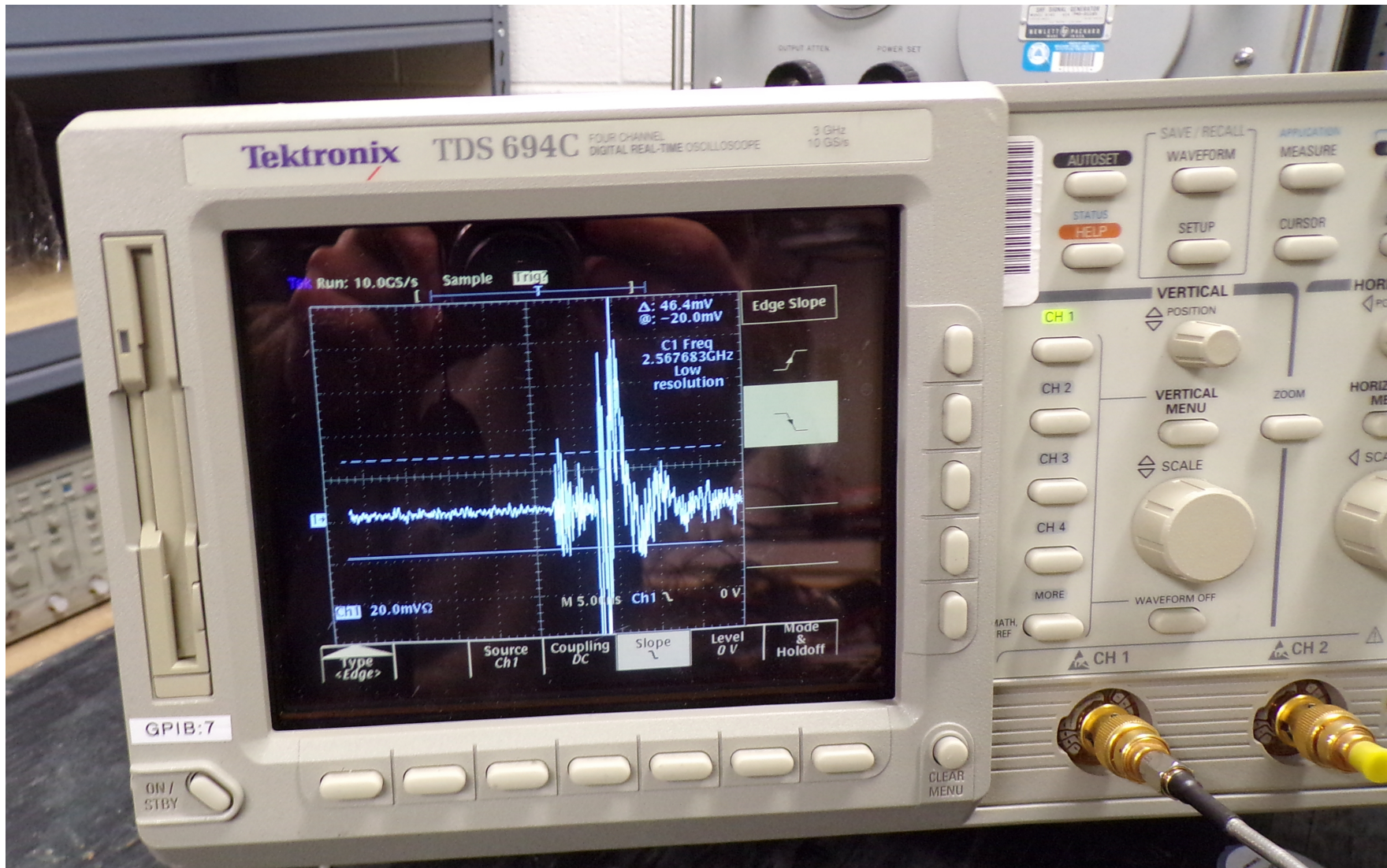
Four stage microwave amplifier



TDS 694C and Microwave Amplifier



Close up View TDS 694C



The experimental setup was tested on my back deck yesterday; using the brass balls for the signal source; strong signal was received at about 30 feet ! The display pg.6 shows the RF interference that I have had to work around; as a result I had to set my trigger above the RF interference (possibly wi-fi). As a result I have not been able to trigger a lower levels.

I am having thoughts , since I was able to demonstrate this effect in the X band several years ago, to use a wide band double ridge horn antenna (L to X band). The microwave amplifiers are very wide band so I should be able to pick up mre energy from the agitated metal. The effect that I am observing is fasinating to me; detecting metallic agitation at more than 30 feet!!

VIDEO MP4 that is included:

31Mar22A ; keys in my pocket being agitated (this is what Schriener was demonstrating to me)

31Mar22B ; keys again

31Mar22C ; brass balls being agitated; note how slowly I am agitating!!