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Chris, Roman,

I think we can use the Triple-Probe Tuner as a harmonic load Pull tuner too!
The tuner is calibrated, say, at 400 points for f_0, $2f_0$ and $3f_0$, for all 3 probes.
This will take, say, 20 minutes!
The combined impedances are $400^3 = 64$ Million.
If we want to tune to a set of impedances: $\Gamma(f_0) = \Gamma_0$, $\Gamma(2f_0) = \Gamma_2$ and $\Gamma(3f_0) = \Gamma_3$, then we create a tolerance mask: $\Gamma_0 \pm \Delta\Gamma_0$, $\Gamma_2 \pm \Delta\Gamma_2$, $\Gamma_3 \pm \Delta\Gamma_3$ and check the big matrix for points, which satisfy these conditions.
When we have a first solution we then go around it and create a finer grid around each point at each frequency and do a second run for the closest solution. I think two iterations will be enough.