TONE REVERSAL in 5214 resist

Critical parameters for this process include:

- Post-Application Bake should not be too hot.
- Process is most forgiving with post exposure bake at 105C; hotter temperatures require shorter bakes or process will fail.
- Flood should be at least ~0.65 min; no such thing as flooding too long

Then, for tone reversal in 52XX resist:

1. Spin 5214 @ 4000 rpm, 45 sec (or as appropriate for your process).
2. Post-application bake @ 90C for 60s.
3. Expose 13s

   **NOTE:** The tone reversal process begins here

4. Post exposure bake @ 105C for 2 min ("120C" on yellow hot plate in little yellow room; thermometer reads 105C). This step cross-links the previously-exposed resist.
5. Flood expose for 45s.

(Before dep for liftoff: de-scum 30s @ 100W, 200mT)