True initial | Sample 1 | True final
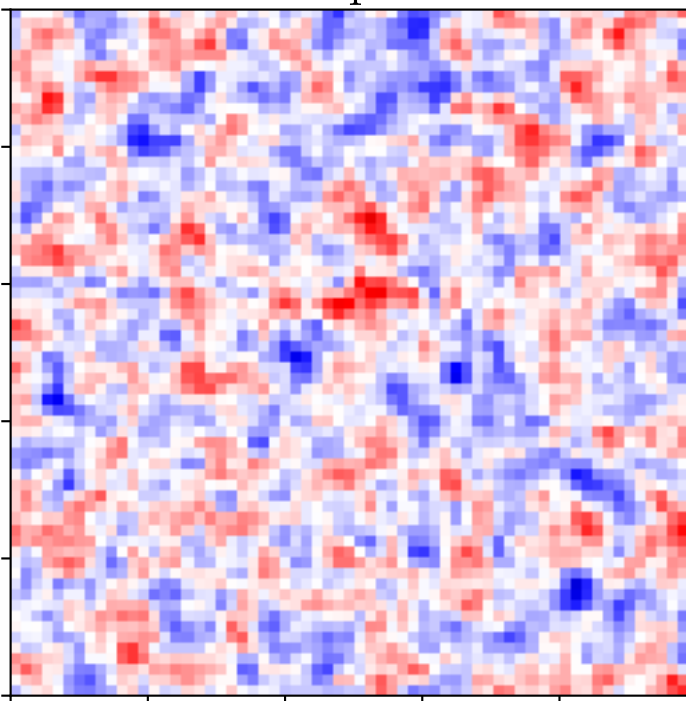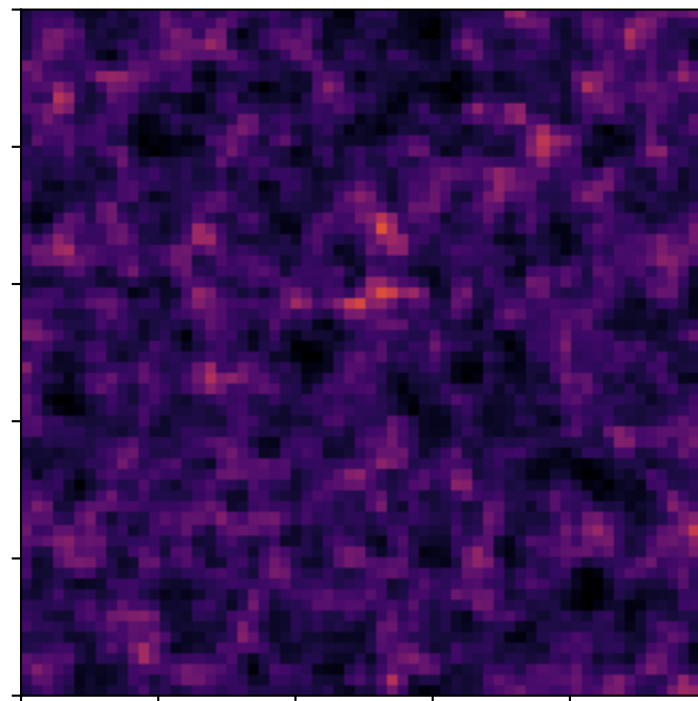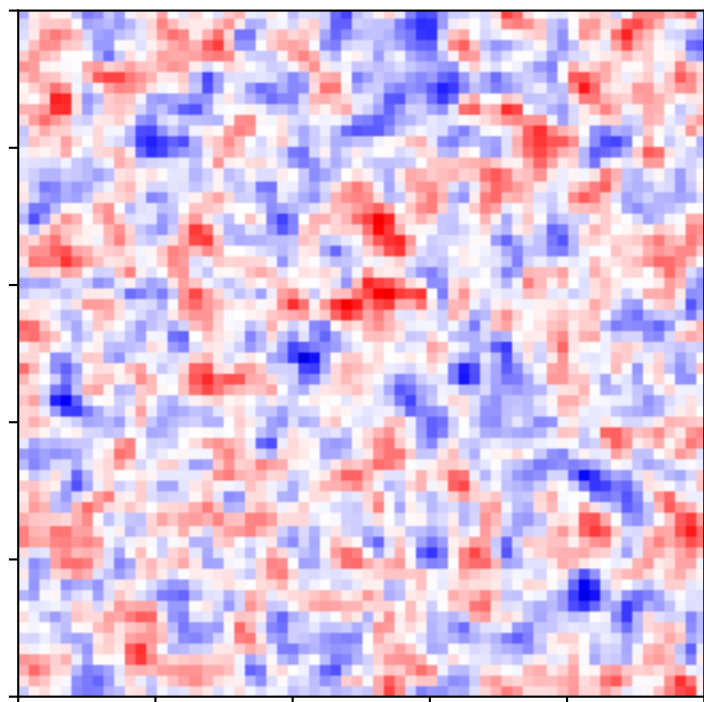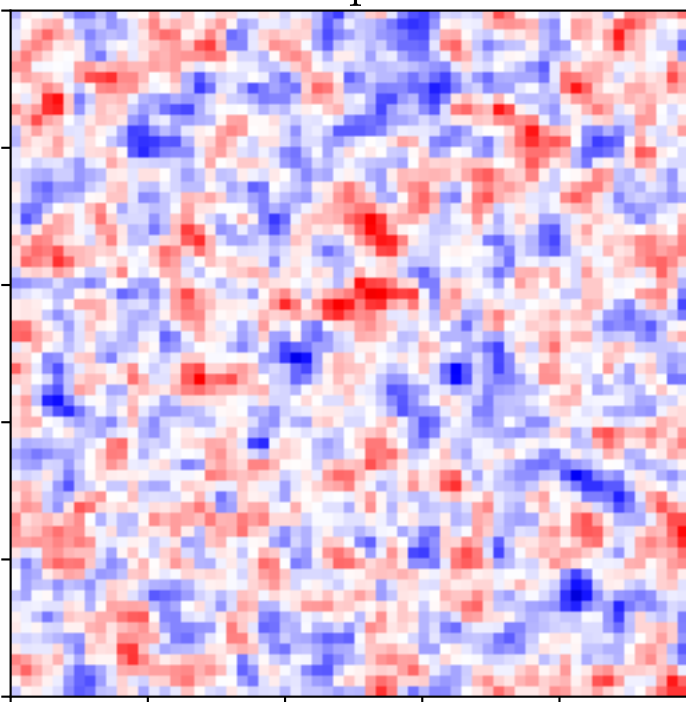MAP | Sample 2 | Variance