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Supporting information for article:

Epitaxial growth and structure of cobalt ferrite thin films with large inversion parameter on Ag(001)

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The stress exerted by the cobalt ferrite film on the silver at the interface induces a localized displacement field in the silver substrate. Periodic displacements in the substrate give rise to satellite peaks close to the Bragg ones (Prévot et al. (2007), *J. Appl. Cryst*. **40**, 874–882). Figure S1 shows a *H*-scan close to the Ag (101) Bragg, as labeled in the surface unit cell, where such satellites peaks arising from the Moire formed by the Ag and cobalt ferrite patterns are observed.

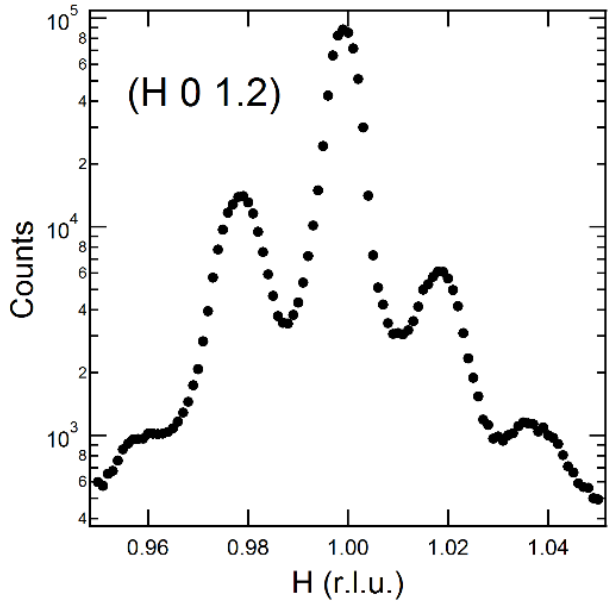

Figure S1. *H*-scan close to an Ag Bragg peak.