## **Electronic Supplementary Information**

## The dielectric constant in a thermal phase transition magnetic material compound of rubidium manganese hexacyanoferrate observed by spectroscopic ellipsometry

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Fig. S1. The wavelength dependences of  $\Delta$  in the HT phase (a) and LT phase (b) measured at various incident angles ( $\theta$ ) near the pseudo-Brewster's angle ( $\theta_B \approx 53^\circ$ ): (red)  $\theta = 50^\circ$ ; (blue)  $\theta = 55^\circ$ ; (black)  $\theta = 60^\circ$ .



**Fig. S2.** Temperature dependence of  $\varepsilon'$  collected by a LCR meter at 100 kHz.