

CORRECTION

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Correction: Flexible composite film of aligned polyaniline grown on the surface of magnetic barium titanate/polyvinylidene fluoride for exceptional microwave absorption performance

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Correction for 'Flexible composite film of aligned polyaniline grown on the surface of magnetic barium titanate/polyvinylidene fluoride for exceptional microwave absorption performance' by Lujun Yu *et al.*, *RSC Adv.*, 2017, **7**, 36473–36481.

On page 36478 for eqn (5) the final minus sign should be replaced by a plus sign as shown below:

$$\alpha = \frac{\sqrt{2\pi f}}{c} \times \sqrt{(\mu''\epsilon'' - \mu'\epsilon') + \sqrt{(\mu''\epsilon'' - \mu'\epsilon')^2 + (\mu'\epsilon'' + \mu''\epsilon')^2}} \quad (5)$$

According to this error, Fig. 7a and the associated description were wrong. The correct Fig. 7a is as shown below.

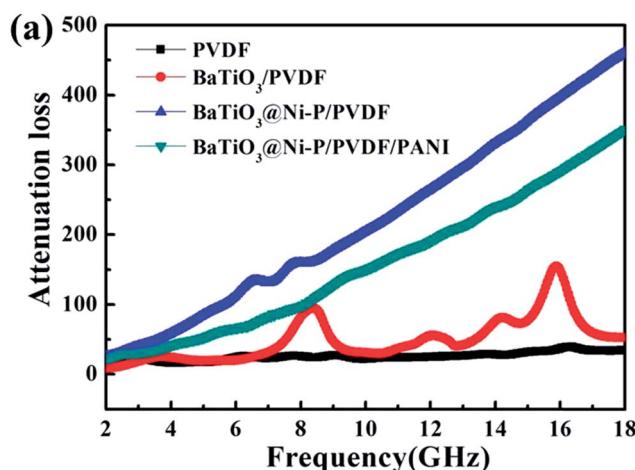


Fig. 7 (a) Attenuation constant α of the samples.

In addition, the corresponding description in the text (pp. 36478–36479) should be corrected from "the attenuation constant α value of $\text{BaTiO}_3@\text{Ni-P}/\text{PVDF}$ has increased distinctly within the frequency ranges of 2–11.3, 12.7–15.3, and 16.6–18 GHz compared with that of $\text{BaTiO}_3/\text{PVDF}$. In addition, the $\text{BaTiO}_3@\text{Ni-P}/\text{PVDF}/\text{PANI}$ sample clearly exhibits a higher attention constant α than that of $\text{BaTiO}_3@\text{Ni-P}/\text{PVDF}$ within the frequency range of 8.8–18 GHz" to "the attention constant α is in the order: $\text{BaTiO}_3@\text{Ni-P}/\text{PVDF} > \text{BaTiO}_3@\text{Ni-P}/\text{PVDF}/\text{PANI} > \text{BaTiO}_3/\text{PVDF} > \text{PVDF}$ ".

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

