

## Supporting Information

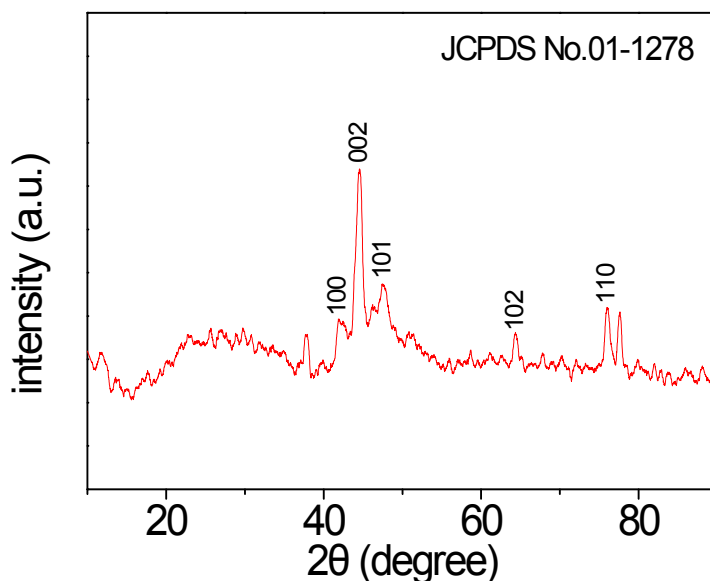
### Hybrids of cobalt nanochains and polyvinylidene fluoride with enhanced microwave absorption performance

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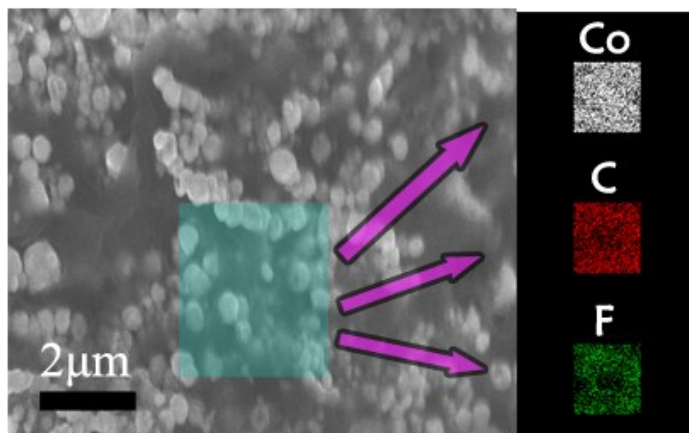
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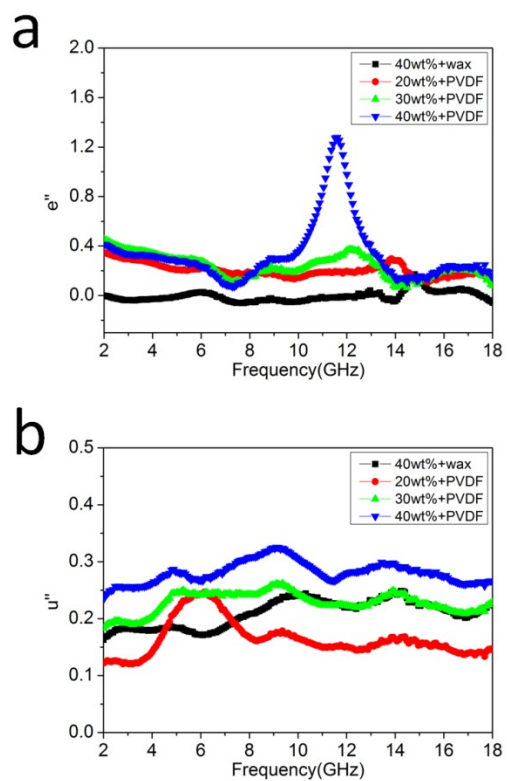
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**Figure S1.** XRD pattern of Co nanochains, identified as the hexagonal cobalt.



**Figure S2.** FESEM image of the fractured surface of the Co/PVDF composite film and corresponding elemental maps of Co, C, and F.



**Figure S3.** Frequency dependence on imaginary parts of the complex (a) permittivity and (b) permeability of samples.