

Supporting Information

Enhanced permittivity and multi-region microwave absorption of nanoneedle-like ZnO in X-band at elevated temperature

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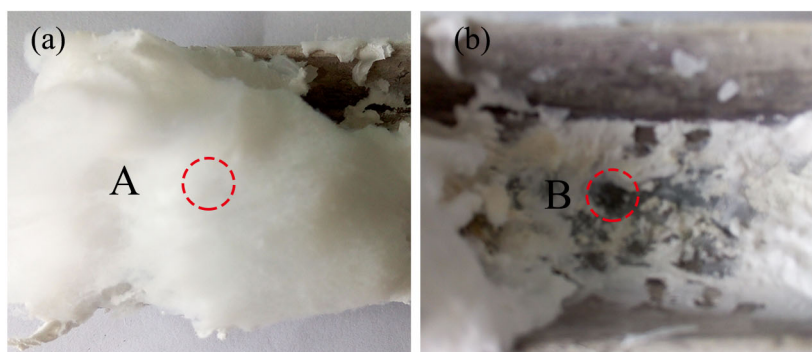


Fig.S1 The photographs of the samples in the (a) top and (b) bottom of the quartz boat.

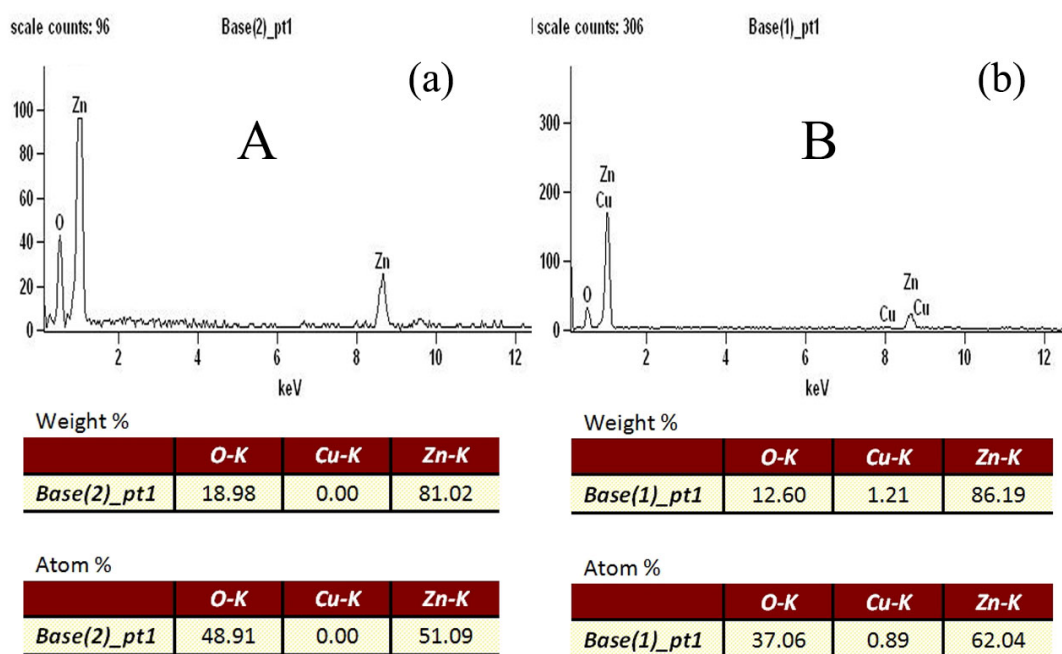


Fig.S2 The EDS patterns and data of the samples A and B in Fig.S1.

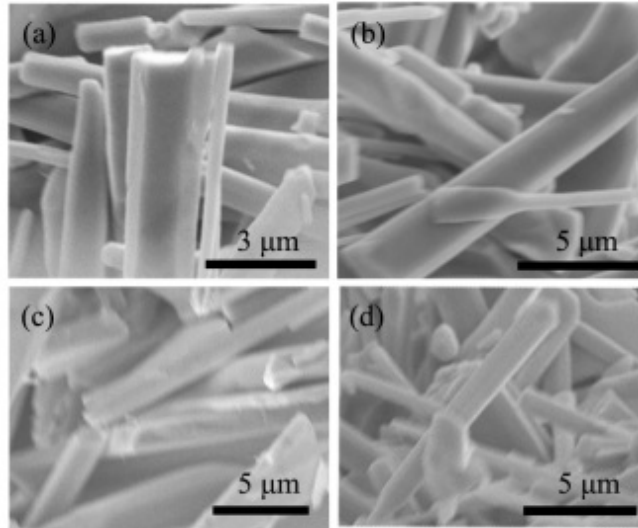


Fig.S3 The cross sectional SEM images of the pressed ZnO_n sample.

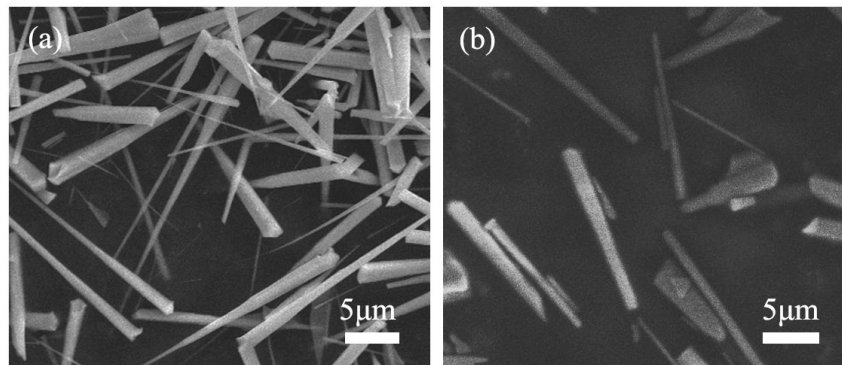


Fig.S4 The SEM images of the ZnO_n powder (a) before and (b) after resintering and dielectric measurement.