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## Dear Editors of the International Journal of Engineering & Technology

I submit a manuscript entitled **"**Study of the Permittivity, Permeability and Microwave Attenuation of Zinc Ferrites Nanoparticles Prepared by Sol-Gel Methods" to be considered for publication as a full-length article in the International Journal of engineering & technology. Prepared zinc ferrites nanoparticles by sol –gel methods from Zn(NO3)2.6H2O and Fe(NO3)3.9H2O by using molar concentrations (0.2M and 0.4M), and all samples were sintered at temperatures (600 °C, 800°C and 1000℃) for two hours. Structural and morphology characteristics were studied by using X-ray diffraction and the scanning Probe Microscope. Permittivity, Permeability and Microwave Attenuation were calculated using special equations for the adoption of the matrix scattering parameters.The matrix scattering parameters tests of the Zinc ferrite samples have been carried out for all samples by using the vector network analyzer device type of Anritsu MS4642A (20GHz), in the X-band range (8-12) GHz.

The importance of ferrite material for use in the absorption of radar waves in the X- band (8-12 GHz).

I declare that this manuscript is original, unpublished, and is not under consideration for publication elsewhere. I wish to publish in the International Journal of engineering & technology. The specific Field of the Manuscript is to be placed in the Ferrites materials.

I suggest here some potential Referees:

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I look forward to hearing a positive response from you at your earliest convenience.

 Yours sincerely,

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