Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Nano-carbon: Preparation, Assessment, and Applications for NH_3 Gas Sensor and Electromagnetic Interference Shielding

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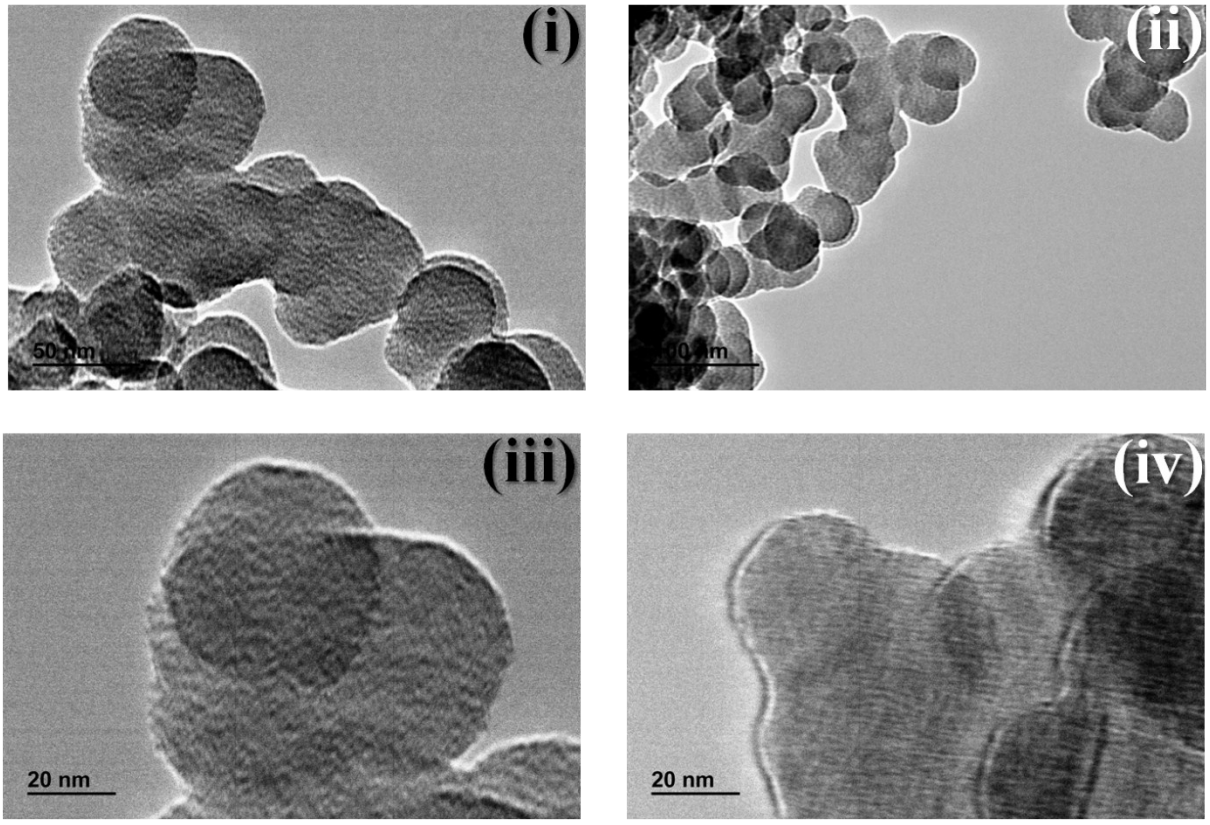

Figure S1: Recorded HRTEM images of nano-carbon.

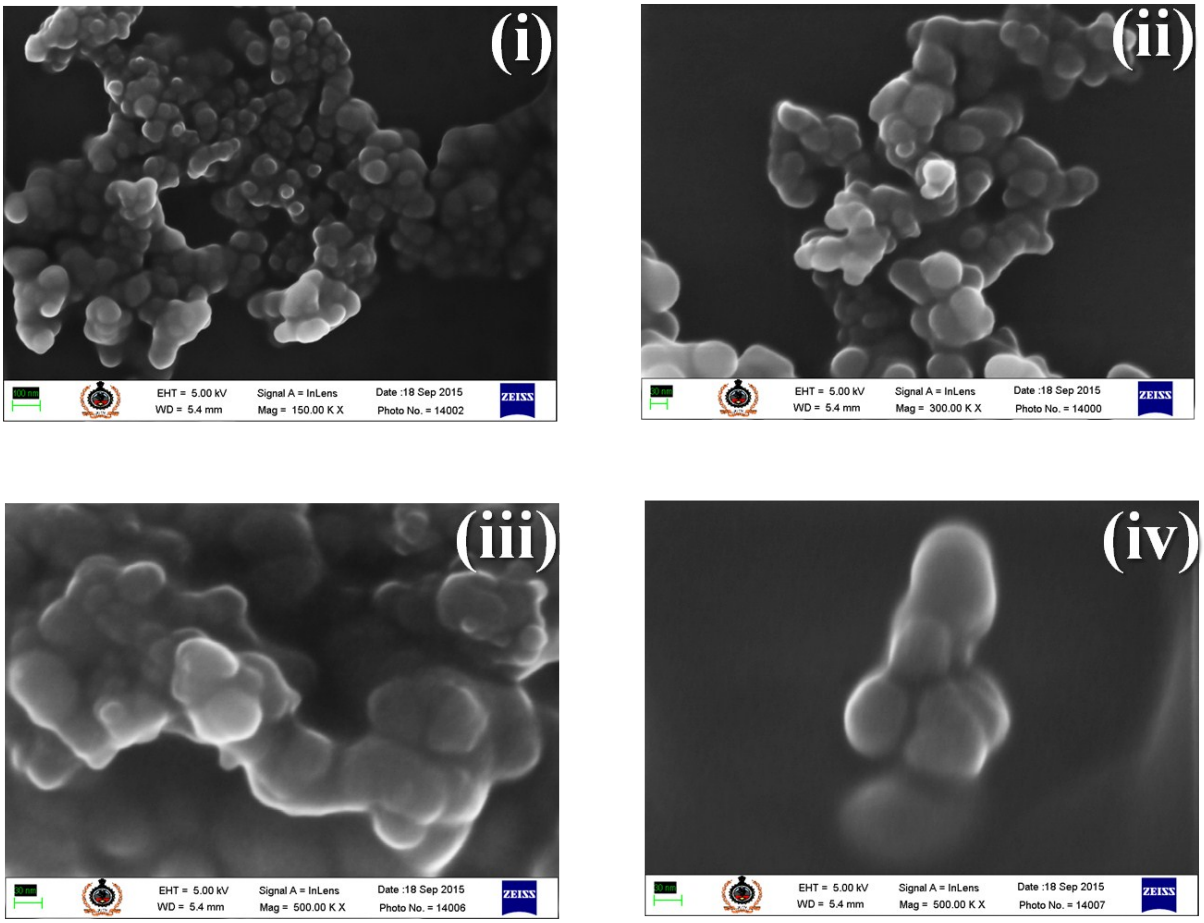

Figure S2: Recorded FESEM images of nano-carbon.

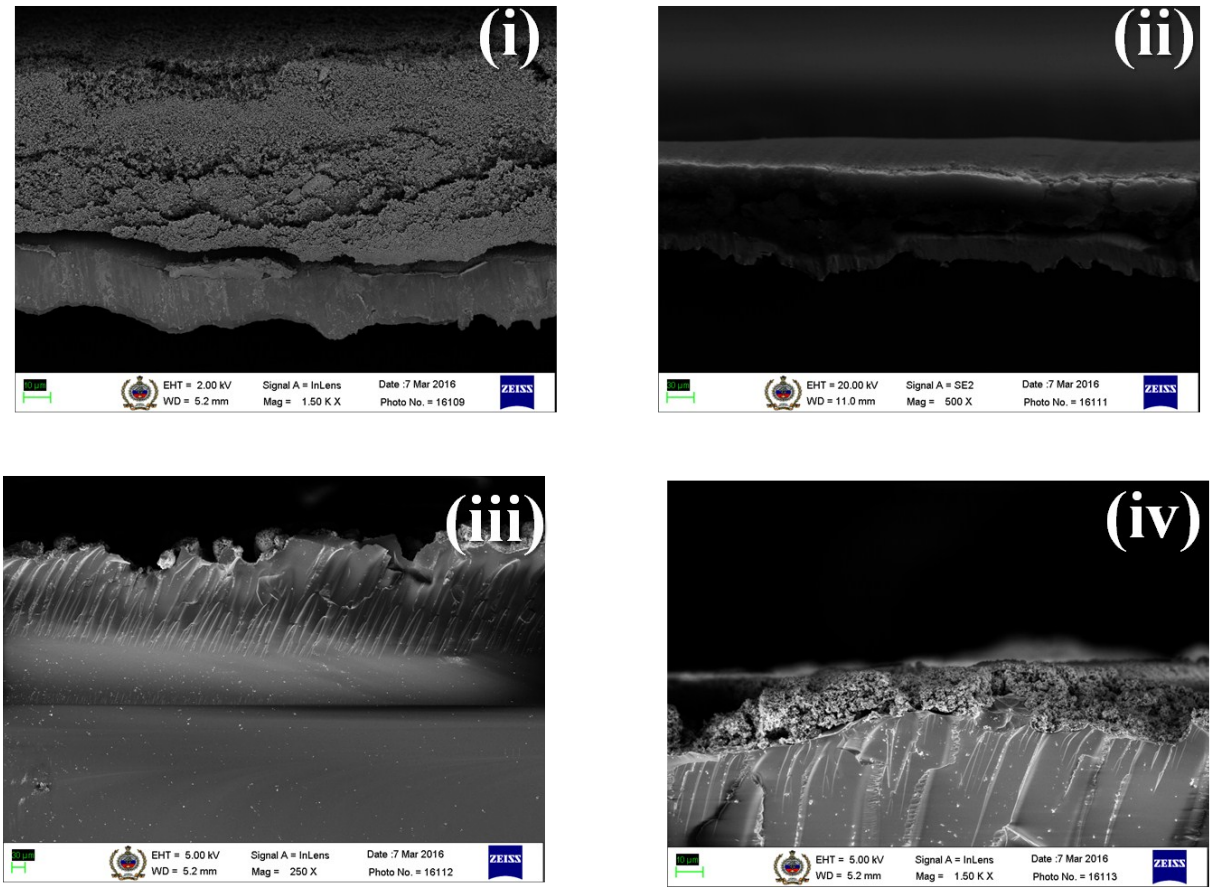

Figure S3: Recorded cross view FESEM images of nano-carbon grwon on copper and glass substrates.

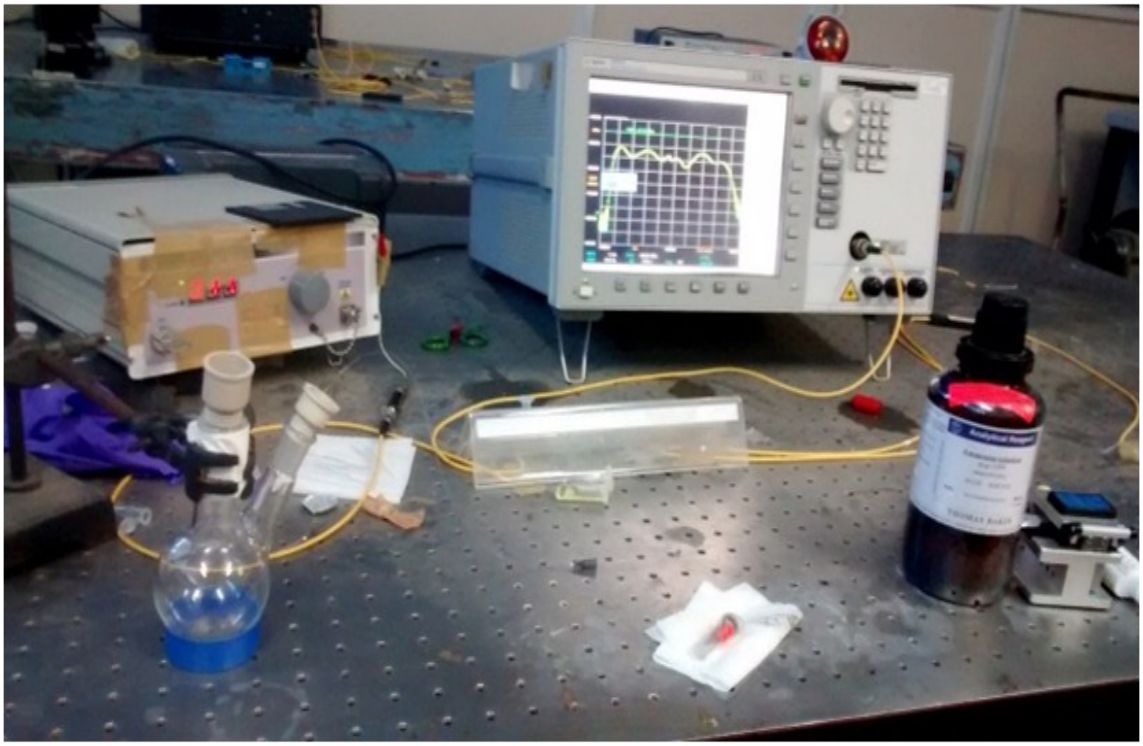

Figure S4: Set up of Fabry-Perot interferometer optical fiber gas sensor.

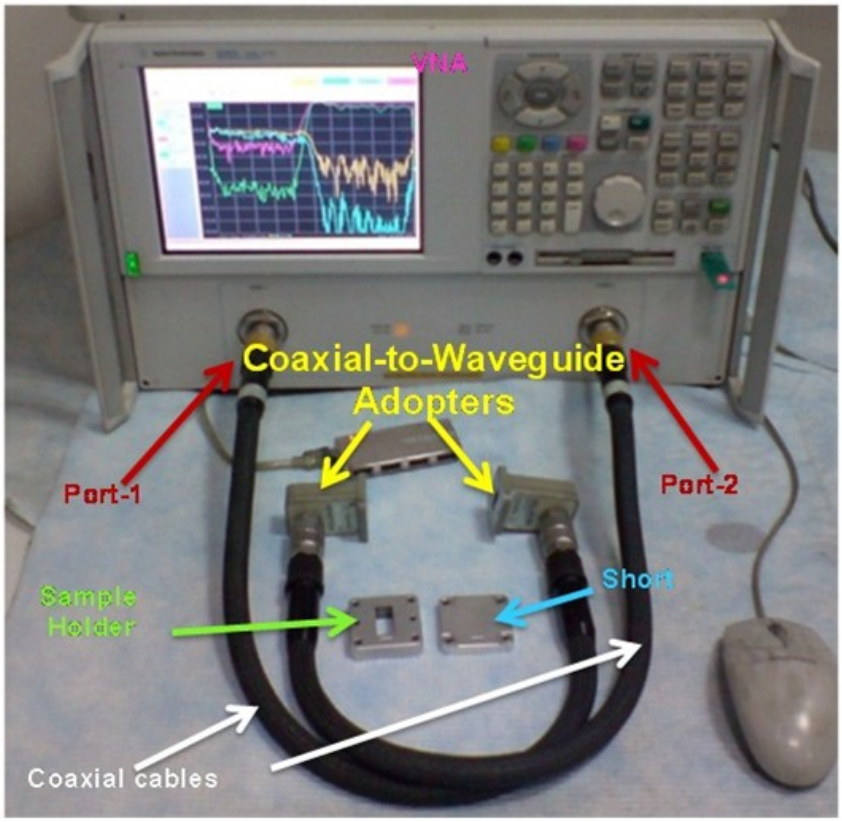

Figure S5: Experimental arrangement for performing X band measurements, indicating coaxial to waveguide adapter, sample holder, co-axial cables connected to ports.