Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C.

†Supporting Information

New emerging radially aligned carbon nano tubes comprised carbon hollow cylinder as an excellent absorber for electromagnetic environmental pollution†

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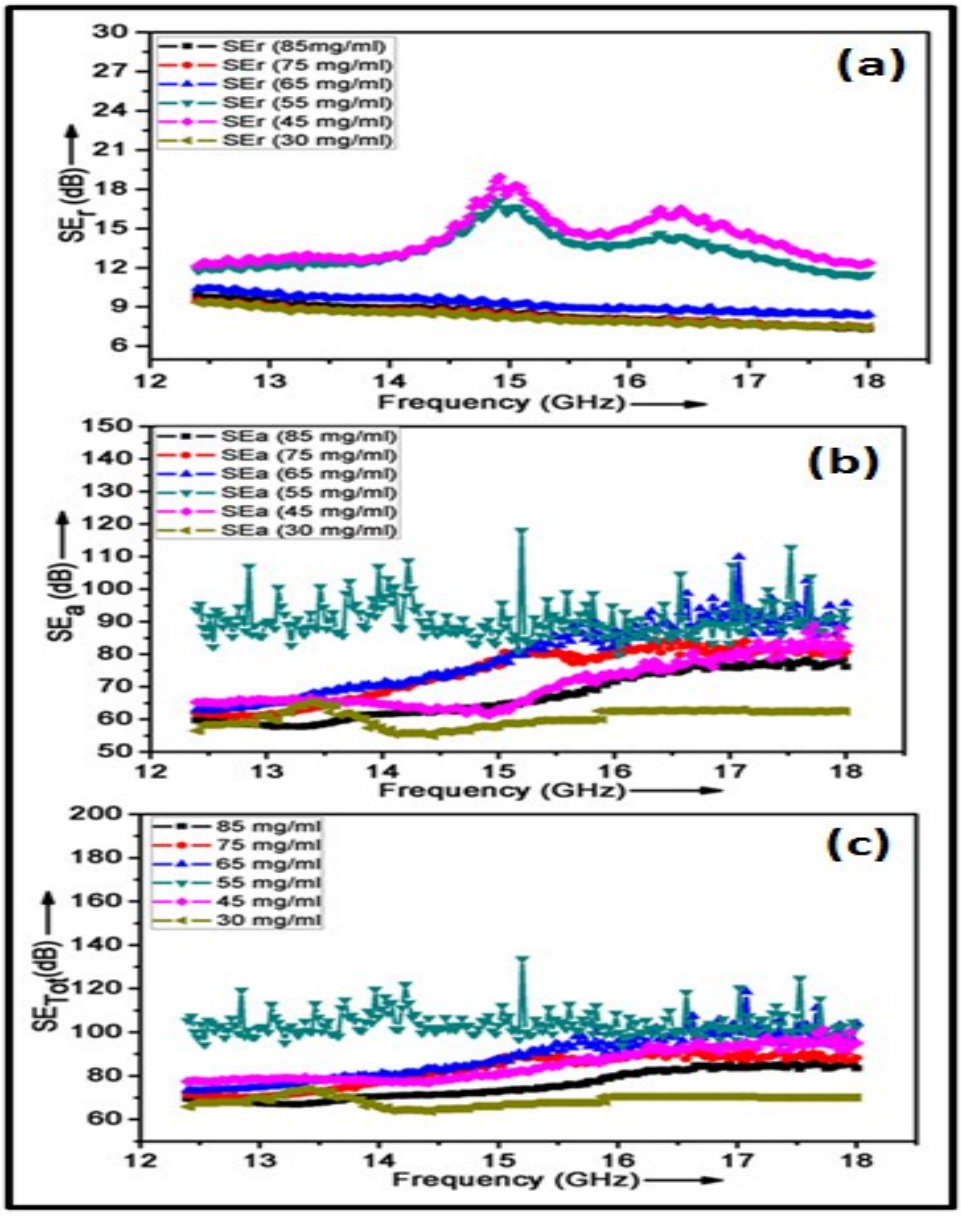

Fig. S1 Variation of shielding effectiveness a) SE_A, b) SE_R & c) SE_{Total} of cylinder consist of CNTs with frequency in 12.4-18.0 GHz.

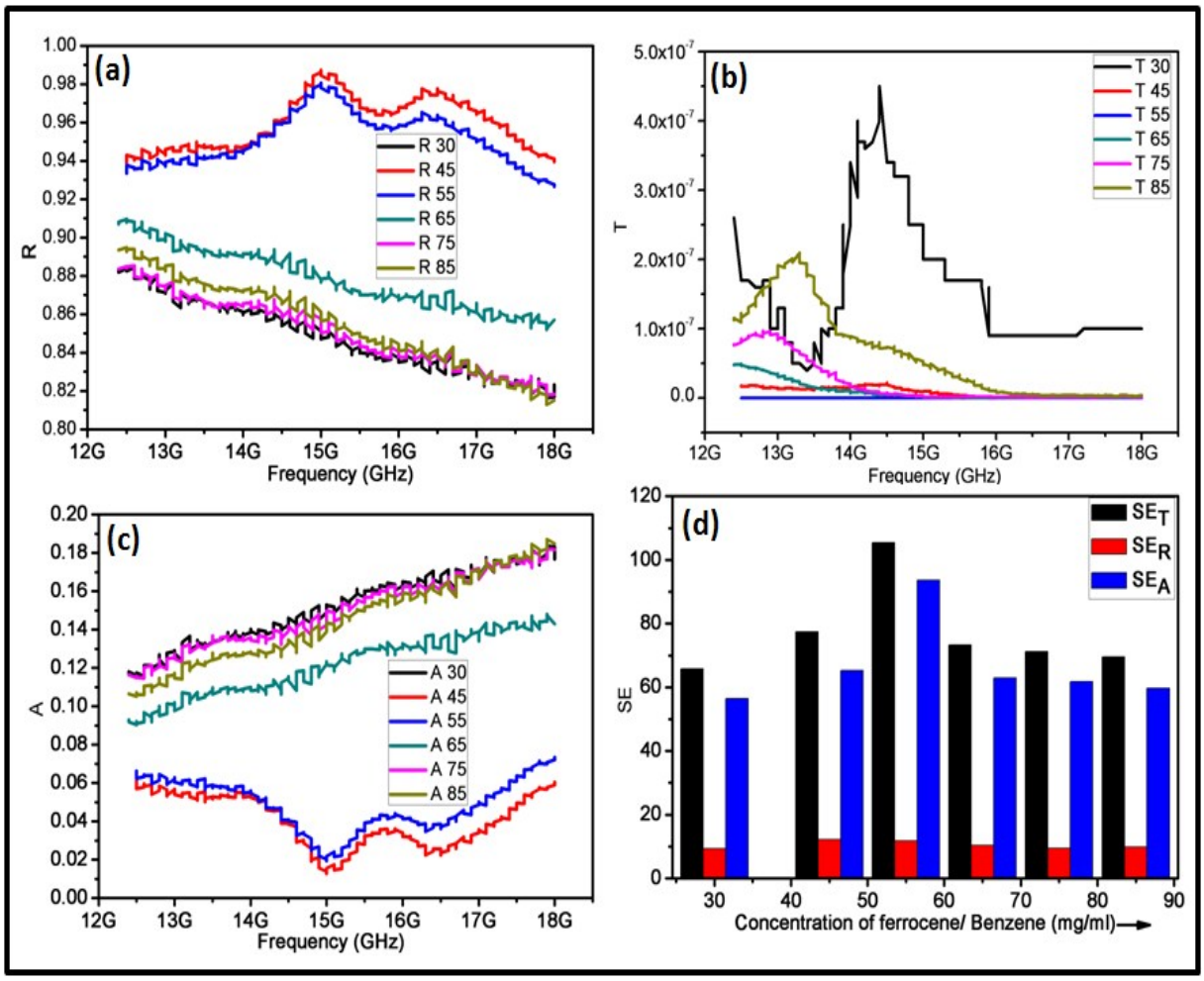

Fig. S2 Variation of a) Refection (R), b) Transmission (T) and c) Absorption (A) coefficients of cylinder comprised of CNTs with frequency in 12.4-18.0 GHz and d) is the variation of shielding effectiveness SE_A, SE_R & SE_T of the CNTs synthesized by using different concentrations of ferrocene/benzene 30, 45, 55, 65, 75 and 85 mg/ml at fixed frequency 12.4 GHz.