

Functionally Graded Magnetodielectric Composite Substrates for Massive Miniaturization of Microstrip Antennas

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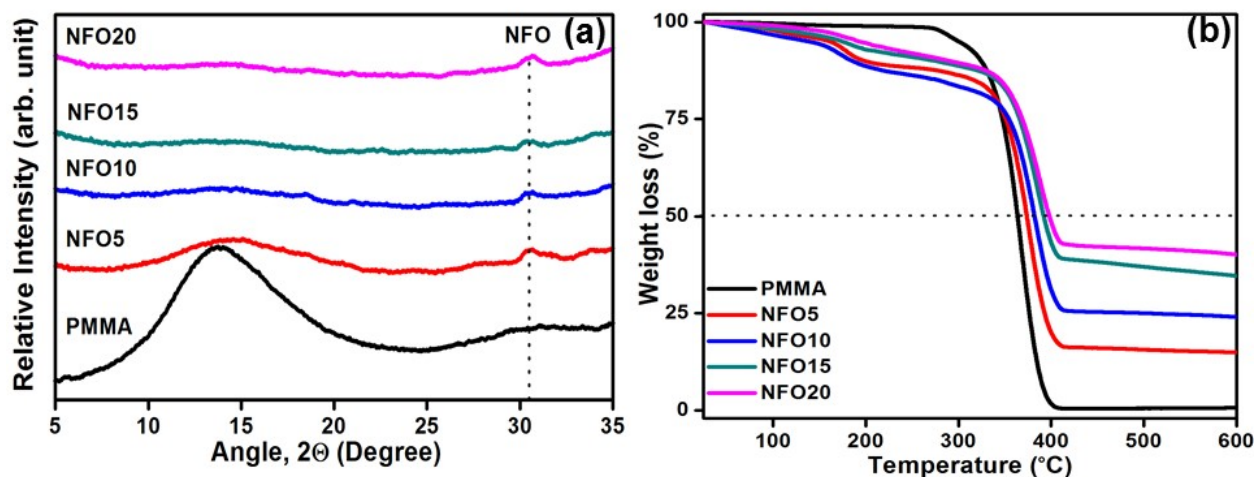


Figure S1: (a) WAXD of pristine PMMA along with the developed composites, (b) TG profile of PMMA and composites.

Table S1: Remanent magnetization (M_r) and saturation magnetization (M_s) values obtained for different composites developed.

Composition	M_r (emu/g)	M_s (emu/g)
NFO5	0.5	3.9
NFO10	0.8	4.7
NFO15	1.3	8.8
NFO20	2.7	14.1
NFO	6	48

Table S2: Coefficient of thermal expansion(CTE) values of samples developed.

Composition	CTE (ppm/°C)
PMMA	87.3
NFO5	84.5
NFO10	72.1
NFO15	68.1
NFO20	65.6
NFO	13.4