Title of paper	Microstrip Antenna gain enhancement using left-handed metamaterial
	structure
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Summary	This paper describes the effect of temperature variation on microstrip
	patch antenna for different substrate materials. Eight materials are cho-
	sen as substrate and the effect of temperature variation is studied on
	each substrate material. A technique of temperature compensation has
	also been developed with substrate height variation. It is also seen that
	the change in resonance frequency due to variation of temperature can
	be compensated by varying the height of the substrate. The proposed
	antenna is designed and simulated by using HFSS software.
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