LIST OF TABLES

Table No.	Title Page	Page	
2.1	Sintering Schedule for BaCoO ₃	36	
2.2	Characteristic 'd' Values	37	
2.3	Melting Points and Boiling Points of		
	Constituent Oxides	37	
2.4	Sintering Schedule for SbMn System.	39	
2.5	Sintering Schedule for SbCo System.	40	
3.1	Variation of Tolerance Factor With		
	Substitution	55	
3.2	Lattice Parameters for		
	BaTi(1-x)Sbx/2Mnx/203	64	
3.3	Lattice Parameters for		
	BaTi(1-x)Sbx/2Cox/203	64	
4.1	Variation of Dilectric Constant at Room		
	Temperature with Concentration For SbMn		
	System.	81	
4.2	Variation of Area Under the Second Peak with	n	
	Concentrations for SbMn System.	81	
4.3	Variation of Curve Fitting Parameters with		
	Concentrations for Sb Mn System.	82	
4.4	Variation of Dilectric Constant at Room		
	Temperature with Concentration For Sb Ko		
	System.	84	
4.5	Variation of Area Under the Second Peak with	'n	
	Concentrations for Sb io System.	84	
5.1	Transition Temperature for T.E.P. Behaviour	120	
5.2	Temperatures of Break in Slope and		
	Conductivity Log 6 at Room Temperature.	121	

3