LIST OF TABLES

Table 3.1: Simulated parameters from frequency response curve of DGS cells 38
Table 4.1: Comparison of different types (microstrip line, metallic cavity, dielectric) of resonators 50
Table 5.1 Simulated parameters from frequency response curve of band-pass filter 83
Table 5.2 Simulated parameters from frequency response curve of low-pass filter 83
Table 5.3: Simulated parameters of multiband dielectric resonator filters 88
Table 5.4: Simulated parameters of dielectric resonator band-pass filter 95
Table 6.1: Different parameters of low-pass and band-pass filter 103
Table 6.2: Variation in parameters at different value of widths of impedance line “t” 107
Table 6.3: Comparison of simulated and measured parameters at t = 0.75mm 109
Table 6.4: Comparison of simulated and measured result 117
Table 6.5: Simulated and measured parameters of band-stop filter 126
Table 6.6: Simulated parameters of dual-band dielectric resonator filter 130
Table 7.1: Comparison of filter performances 139