

## List of Tables

<i>Table 1- 1: Maxwell Equations: Differential and Integral forms</i>	<i>1</i>
<i>Table 1-2: Electromagnetic Spectrum: Types, wavelength range and generation techniques</i>	<i>2</i>
<i>Table 1- 3: Approximate Band Designation for Microwave frequencies [Pozar, 2005]</i>	<i>3</i>
<i>Table 1- 4: Radar and range equations [E.F. Knott, 2004]</i>	<i>4</i>
<i>Table 1- 5: RCS reduction in dB with percentage absorption and associated range advantage</i>	<i>5</i>
<i>Table 1- 6: Transmission line: summary of equations [Pozar, 2005]</i>	<i>6</i>
<i>Table 2- 1: Parameters associated with SSMA [Chambers, 1994]</i>	<i>12</i>
<i>Table 2- 2: EM wave parameters in a material medium</i>	<i>15</i>
<i>Table 2-4: Summary of different classes of microwave absorbers along with fabrication and advantages</i>	<i>23</i>
<i>Table 2- 5: Limitations associated with different classes of microwave absorbers</i>	<i>24</i>
<i>Table 2- 6: Bandwidth enhancement using engineered planar structures</i>	<i>24</i>
<i>Table 5-1: Comparison with reported absorbers</i>	<i>49</i>
<i>Table 5- 2: Comparison with reported absorbers</i>	<i>54</i>

