<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hybrid Dielectric Absorber</td>
<td>37</td>
</tr>
<tr>
<td>Walkway Absorber</td>
<td>39</td>
</tr>
<tr>
<td>Low-Frequency Absorbing Material</td>
<td>40</td>
</tr>
<tr>
<td>Introduction</td>
<td>41</td>
</tr>
<tr>
<td>Ferrite Absorbers</td>
<td>41</td>
</tr>
<tr>
<td>Hybrid Absorbers</td>
<td>44</td>
</tr>
<tr>
<td>Absorber Modeling</td>
<td>44</td>
</tr>
<tr>
<td>Absorber Testing</td>
<td>46</td>
</tr>
<tr>
<td>References</td>
<td>47</td>
</tr>
<tr>
<td>The Chamber Enclosure</td>
<td>49</td>
</tr>
<tr>
<td>Introduction</td>
<td>49</td>
</tr>
<tr>
<td>Electromagnetic Interference</td>
<td>50</td>
</tr>
<tr>
<td>Controlling the Environment</td>
<td>50</td>
</tr>
<tr>
<td>Electromagnetic Shielding</td>
<td>50</td>
</tr>
<tr>
<td>Introduction</td>
<td>50</td>
</tr>
<tr>
<td>The Welded Shield</td>
<td>51</td>
</tr>
<tr>
<td>The Clamped Seam or Prefabricated Shield</td>
<td>51</td>
</tr>
<tr>
<td>The Single-Shield Systems</td>
<td>54</td>
</tr>
<tr>
<td>Penetrations</td>
<td>54</td>
</tr>
<tr>
<td>Performance Verification</td>
<td>54</td>
</tr>
<tr>
<td>Shielded Enclosure Grounding</td>
<td>54</td>
</tr>
<tr>
<td>Fire Protection</td>
<td>55</td>
</tr>
<tr>
<td>References</td>
<td>56</td>
</tr>
<tr>
<td>Anechoic Chamber Design Techniques</td>
<td>57</td>
</tr>
<tr>
<td>Introduction</td>
<td>57</td>
</tr>
<tr>
<td>Practical Design Procedures</td>
<td>57</td>
</tr>
<tr>
<td>Introduction</td>
<td>57</td>
</tr>
<tr>
<td>Quick Estimate of Chamber Performance</td>
<td>58</td>
</tr>
<tr>
<td>Detailed Ray-Tracing Design Procedure</td>
<td>61</td>
</tr>
<tr>
<td>Computer Modeling</td>
<td>67</td>
</tr>
<tr>
<td>Introduction</td>
<td>67</td>
</tr>
<tr>
<td>Ray Tracing</td>
<td>67</td>
</tr>
<tr>
<td>Finite-Difference Time-Domain Model</td>
<td>68</td>
</tr>
<tr>
<td>Other Techniques</td>
<td>69</td>
</tr>
<tr>
<td>Antennas Used In Anechoic Chambers</td>
<td>69</td>
</tr>
<tr>
<td>Introduction</td>
<td>69</td>
</tr>
<tr>
<td>Rectangular Chamber Antennas</td>
<td>70</td>
</tr>
<tr>
<td>Antennas for Tapered Chambers</td>
<td>70</td>
</tr>
<tr>
<td>EMI Chambers</td>
<td>71</td>
</tr>
<tr>
<td>References</td>
<td>71</td>
</tr>
<tr>
<td>The Rectangular Chamber</td>
<td>73</td>
</tr>
</tbody>
</table>