



**Figure 1: Test set up and mounting position of 3 Layer Curtain Sample with G-100 configuration in reverberation chamber**

**Table 1: Values for Random Incidence Sound Absorption Coefficient of 3 Layer Curtain Sample with G-100 configuration at one third octave frequencies**

<b>One third octave frequency, Hz</b>	<b>Random Incidence Sound Absorption Coefficient</b>
<b>100</b>	<b>0.11</b>
<b>125</b>	<b>0.05</b>
<b>160</b>	<b>0.01</b>
<b>200</b>	<b>0.03</b>
<b>250</b>	<b>0.21</b>
<b>315</b>	<b>0.14</b>
<b>400</b>	<b>0.25</b>
<b>500</b>	<b>0.42</b>
<b>630</b>	<b>0.57</b>
<b>800</b>	<b>0.60</b>
<b>1000</b>	<b>0.54</b>
<b>1250</b>	<b>0.57</b>
<b>1600</b>	<b>0.58</b>
<b>2000</b>	<b>0.60</b>
<b>2500</b>	<b>0.61</b>
<b>3150</b>	<b>0.61</b>
<b>4000</b>	<b>0.62</b>
<b>5000</b>	<b>0.61</b>
<b>6300</b>	<b>0.63</b>
<b>8000</b>	<b>0.63</b>
<b>NRC</b>	<b>0.45</b>

Figure2 : Plot for Random Incidence Sound Absorption Coefficient of 3 Layer Curtain Sample with G-100 configuration at one third octave frequencies

