#### Silicon Laboratories Finland Oy Radio Module, Model: BGM220S12A



### PHOTOGRAPHS OF TEST SET UP

Spurious Radiated Emissions

Internal Antenna - Bluetooth Low Energy (1M PHY)

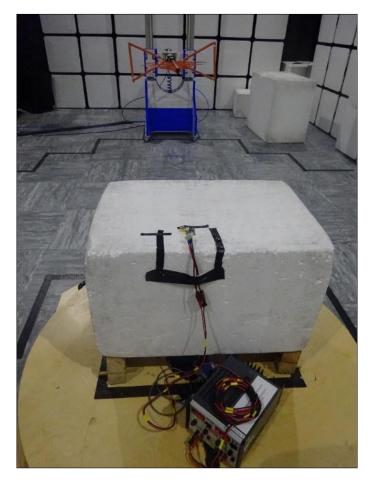


Figure 1 -30 MHz to 1 GHz, X Orientation





Figure 2 - 30 MHz to 1 GHz, Y Orientation



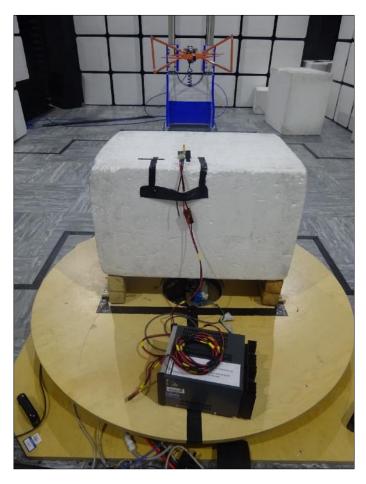


Figure 3 - 30 MHz to 1 GHz, Z Orientation



Figure 4 - 1 GHz to 18 GHz, X Orientation





Figure 5 - 1 GHz to 18 GHz, Y Orientation

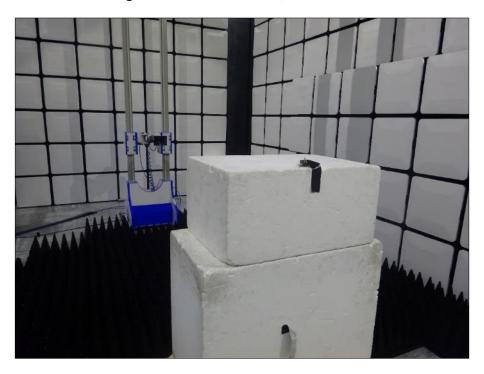


Figure 6 - 1 GHz to 18 GHz, Z Orientation





Figure 7 - 18 GHz to 25 GHz, X Orientation



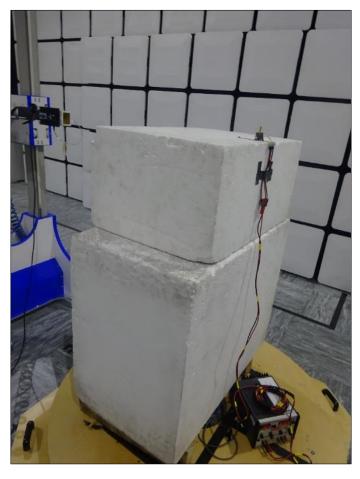


Figure 8 - 18 GHz to 25 GHz, Y Orientation



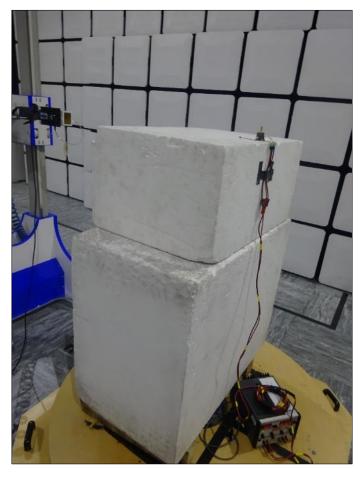


Figure 9, 18 GHz to 25 GHz, Z Orientation

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## External Antenna - Bluetooth Low Energy (1M PHY)



Figure 10 - 30 MHz to 1 GHz, X Orientation





Figure 11 - 30 MHz to 1 GHz, Y Orientation





Figure 12 - 30 MHz to 1 GHz, Z Orientation

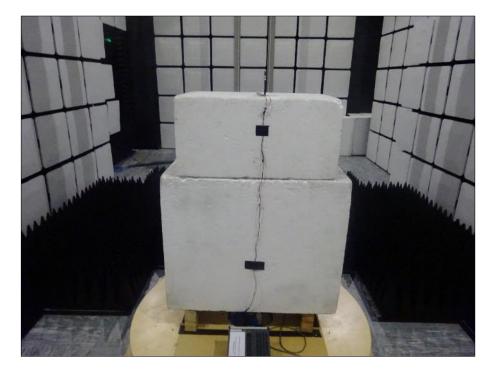


Figure 13 - 1 GHz to 18 GHz, X Orientation



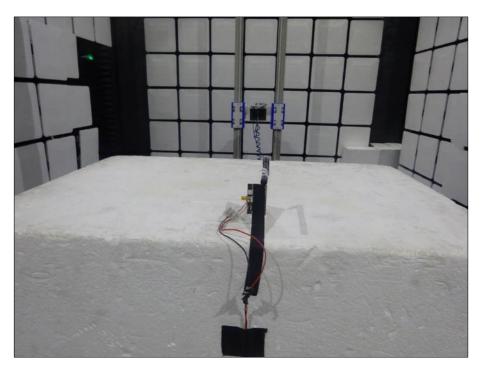


Figure 14 - 1 GHz to 18 GHz, Y Orientation

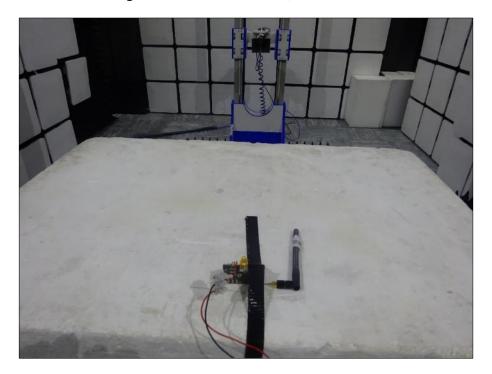


Figure 15 - 1 GHz to 18 GHz, Z Orientation





Figure 16 - 18 GHz to 25 GHz, X Orientation





Figure 17 - 18 GHz to 25 GHz, Y Orientation





Figure 18 - 18 GHz to 25 GHz, Z Orientation