JBL AM 7215/95 and ASB6118

Ease Simulation Report

Multi-Purpose Hall

Prepared for:

Venue ##

Singapore

Prepared by:

Lou Garcia

(Electronics & Engineering Pte Ltd)

Date: ###

Contents

Note:

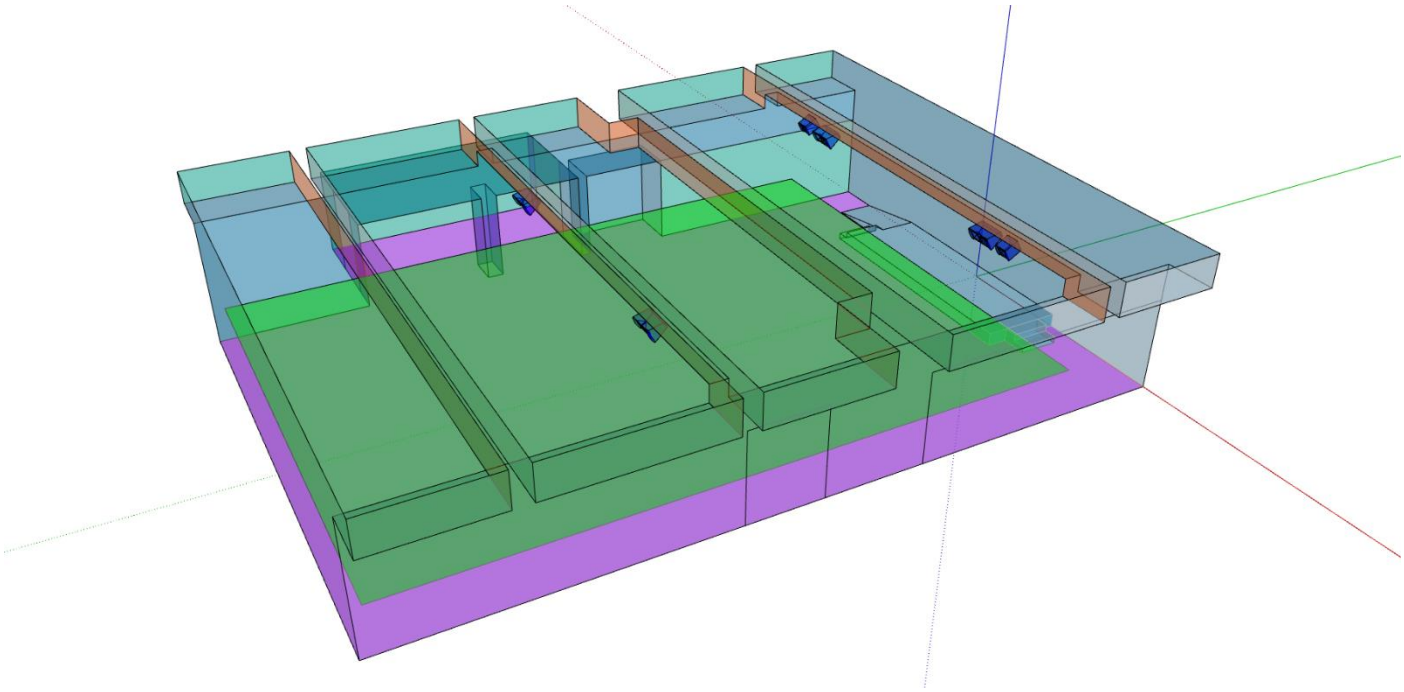
All simulations are for reference purposes only and are based on the given data information at the time of plotting. All simulations are based on direct SPL A-weighted and total SPL, predicted room RT and simulated STIPA based on the given data and are subjected to change on later revisions.

EASE PLOTS AND SIMULATION CREATED BY:

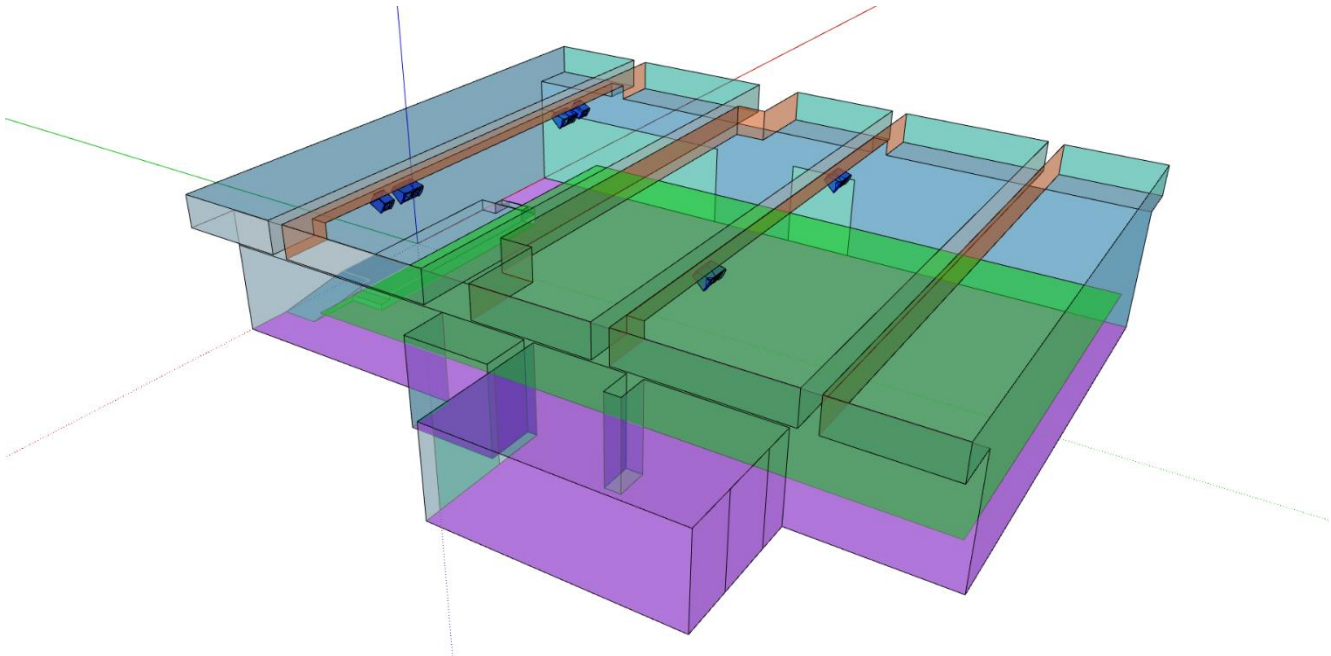
LOU-RIZ GARCIA | Systems Application
Electronics & Engineering Pte Ltd
Singapore

3D Venue Views

3D View REF 003 – Loudspeaker Placement / Position



3D View REF 004
Loudspeaker Placement / Position



SPL Simulations

AVERAGE DIRECT SPL: 106.73 dBA

EASE 3D Simulation with Area Mapping

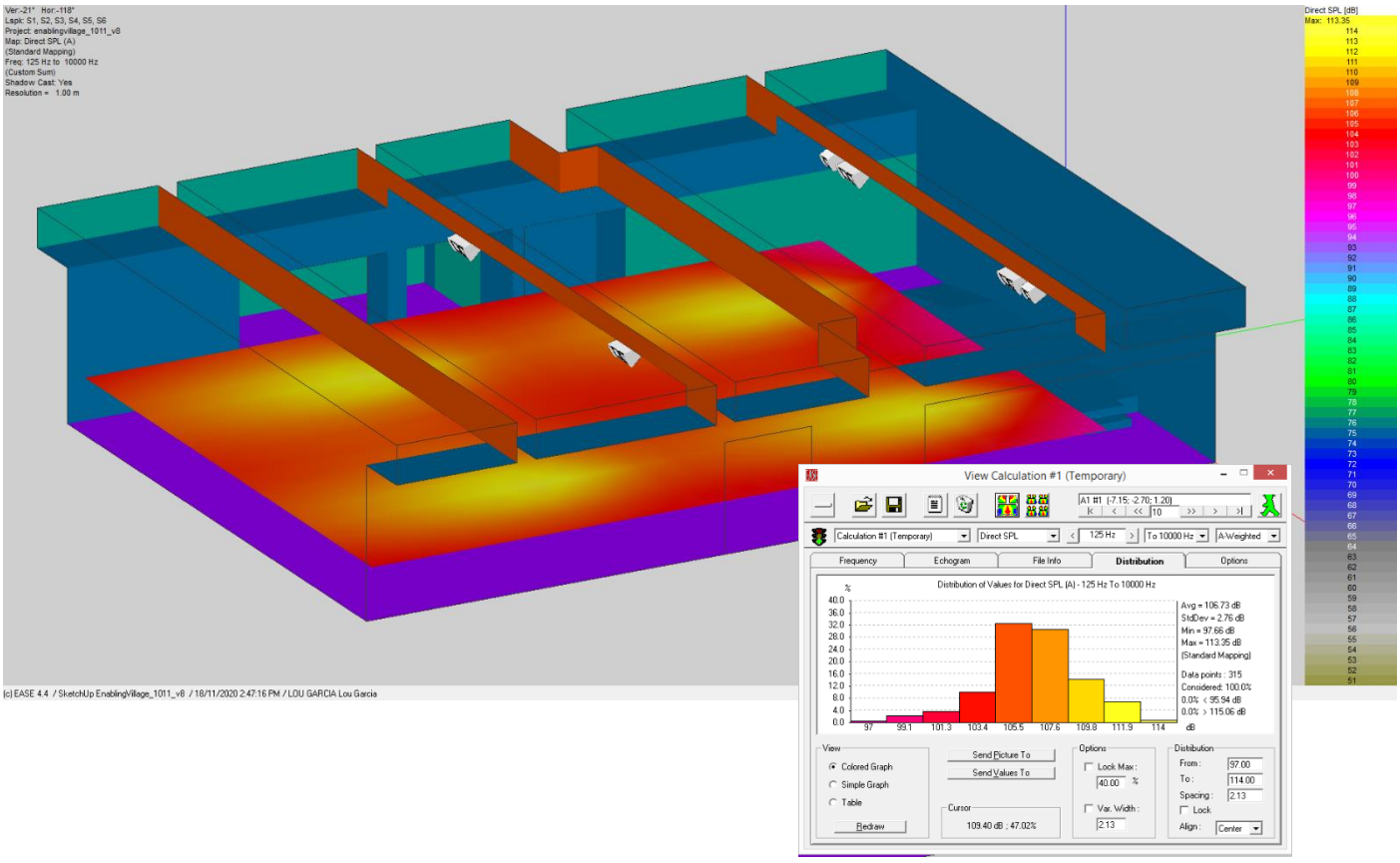
SPL simulation shows the coverage across the audience area within around +/- 3 dB of deviation and a maximum achieved data dBA SPL in about 90 percent of the coverage area.

The A-weighted (dBA) is used in this simulation. It has a frequency curve that reflects the loudness perceived by the human ear.

Below are the extracted frequencies on un-weighted proportions.

125Hz – 10kHz

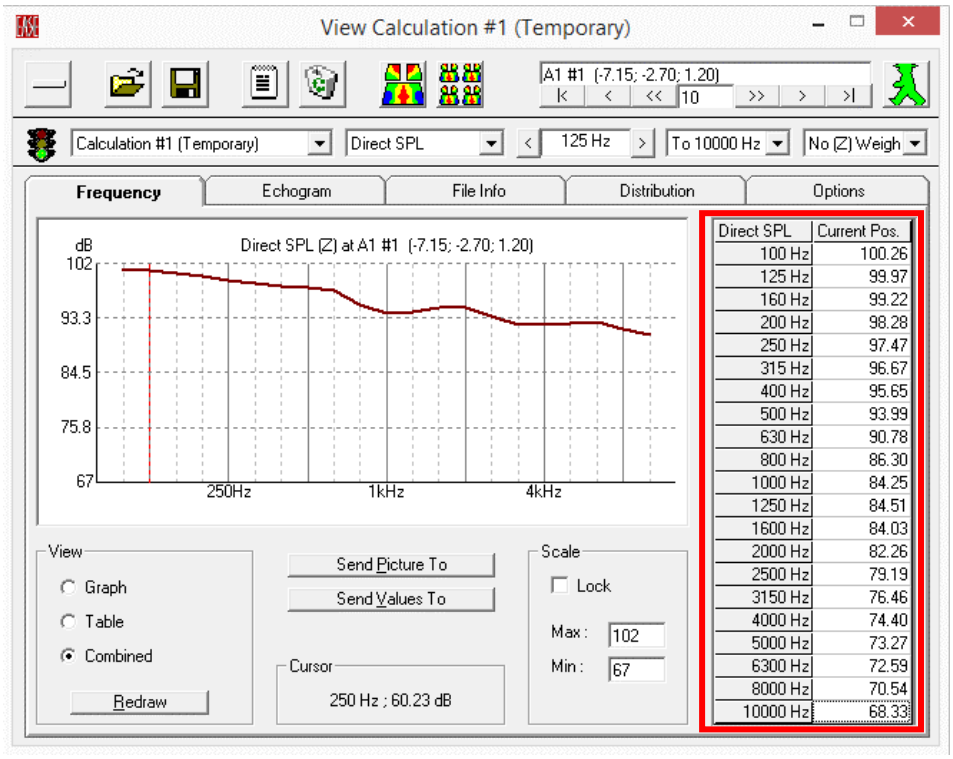
(A-weighted; REF 003)



The *Distribution* tab above and below references view calculation window displays a bar graph representation of the selected parameter; Direct SPL focused on a group of frequencies. This is to quickly determine what percentage of the mapped areas fall within certain criteria. In this illustration 90 % call for coverage "flat within 3+/- dB". This window gives you information to the specifications achieved SPL as required at the venue.

FREQUENCY RESPONSES SPL- dBA

(Un-weighted; REF 004)



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