

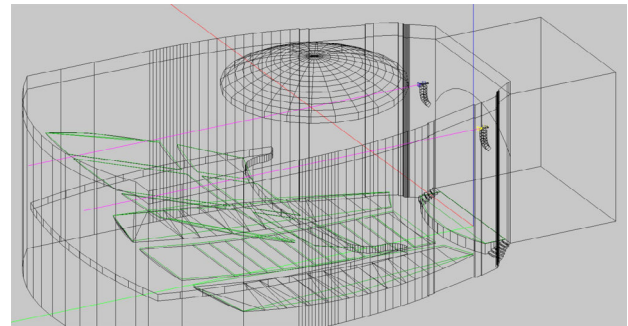
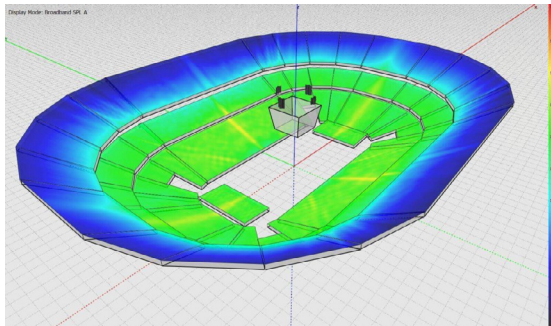
# EAW SPL VALUE MEASUREMENT

## Has EAW changed how SPL values are measured?

EAW has, and will continue to, publish average and peak SPL values by passband with a 6dB crest factor. More recently, a single peak SPL value, stated for 12dB crest factor, has been added to EAW spec sheets. This is new to EAW, but not new to the industry. EAW has included this value for comparison purposes with competitive products from manufacturer's who only provide this value.

## What is the best method to determine loudspeaker performance in a space?

To accurately predict performance of the loudspeaker in a space, we highly suggest using a tool such as EAW's Resolution 2 software, or EASE. These tools accurately predict maximum SPL as well as coverage, enabling precise modeling of the SPL at a venue's specific audience surfaces.



For this reason, EAW has not changed the way EAW Resolution or EASE data is measured or calibrated. These values still reflect continuous output.

## How does Resolution 2 and EAW EASE data view SPL?

EAW Resolution has two ways to view SPL:

- **Flat** – Displays maximum continuous SPL, based upon the passband which reaches limit first.
- **Max SPL** – Displays maximum continuous SPL, based upon all passbands driven to limit.

EAW supported EASE files use the same data as the Flat SPL from EAW Resolution.

