JBL Line Array Calculator II

Project:	
Qty of Boxes:	14
Front/Single Attach Point:	1
Rear/Bottom Attachment Point:	11
Reverse Top Frame:	No
Single Point Suspend:	No

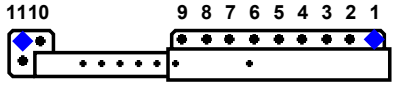
Top Frame Type:	V25-AF-EB Rear
Ext. Bar Attachment:	1
Bottom Frame Type:	V25-PB (EB)
Top Box Sight Angle:	1.1°
Bottom Box Sight Angle:	-58.9°

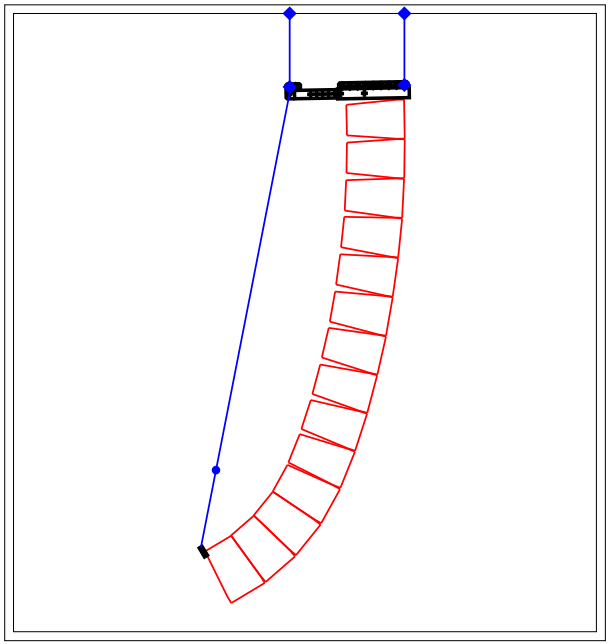
Total Array Size:	17.6 ft
Total Array Depth:	7.0 ft
Front Point Load at Trim:	1181 lbs
Rear Point Load at Trim:	1672 lbs
Total Weight:	2853 lbs
Attachment Span:	4.0 ft
Highest Point Elevation:	55.0 ft
Elevation to Bottom of Array:	37.4 ft

Attachment Points:

	Upper Pin		
Top Frame to Box #1:	2	**Box #1:**	VTX V25-CS
Box #1 to Box #2:	2	**Box #2:**	VTX V25-CS
Box #2 to Box #3:	2	**Box #3:**	VTX V25-CS
Box #3 to Box #4:	3	**Box #4:**	VTX V25-CS
Box #4 to Box #5:	2	**Box #5:**	VTX V25-CS
Box #5 to Box #6:	2	**Box #6:**	VTX V25-CS
Box #6 to Box #7:	3	**Box #7:**	VTX V25-CS
Box #7 to Box #8:	2	**Box #8:**	VTX V25-CS
Box #8 to Box #9:	3	**Box #9:**	VTX V25-CS
Box #9 to Box #10:	4	**Box #10:**	VTX V25-CS
Box #10 to Box #11:	7	**Box #11:**	VTX V25-CS
Box #11 to Box #12:	10	**Box #12:**	VTX V25-CS
Box #12 to Box #13:	10	**Box #13:**	VTX V25-CS
Box #13 to Box #14:	10	**Box #14:**	VTX V25-CS
Box #14 to Box #15:		**Box #15:**	
Box #15 to Box #16:		**Box #16:**	
Box #16 to Box #17:		**Box #17:**	
Box #17 to Box #18:		**Box #18:**	
Box #18 to Box #19:		**Box #19:**	
Box #19 to Box #20:		**Box #20:**	
Box #20 to Box #21:		**Box #21:**	
Box #21 to Box #22:		**Box #22:**	
Box #22 to Box #23:		**Box #23:**	
Box #23 to Box #24:		**Box #24:**	
Last Box to Bottom Frame:			

Top Frame Attachment Location





*** Pin rear hinge bar in top V25-CS cabinet at 2 degree position**

Notes:

Double - point suspension with even load distribution on array frame is recommended for minimized risk. ANSI Standard E1.8-2005 (LOUDSPEAKER ENCLOSURES INTENDED FOR OVERHEAD SUSPENSION), Section 5.3.4 specifies minimum 5:1 design factor. Consult a qualified rigger.