

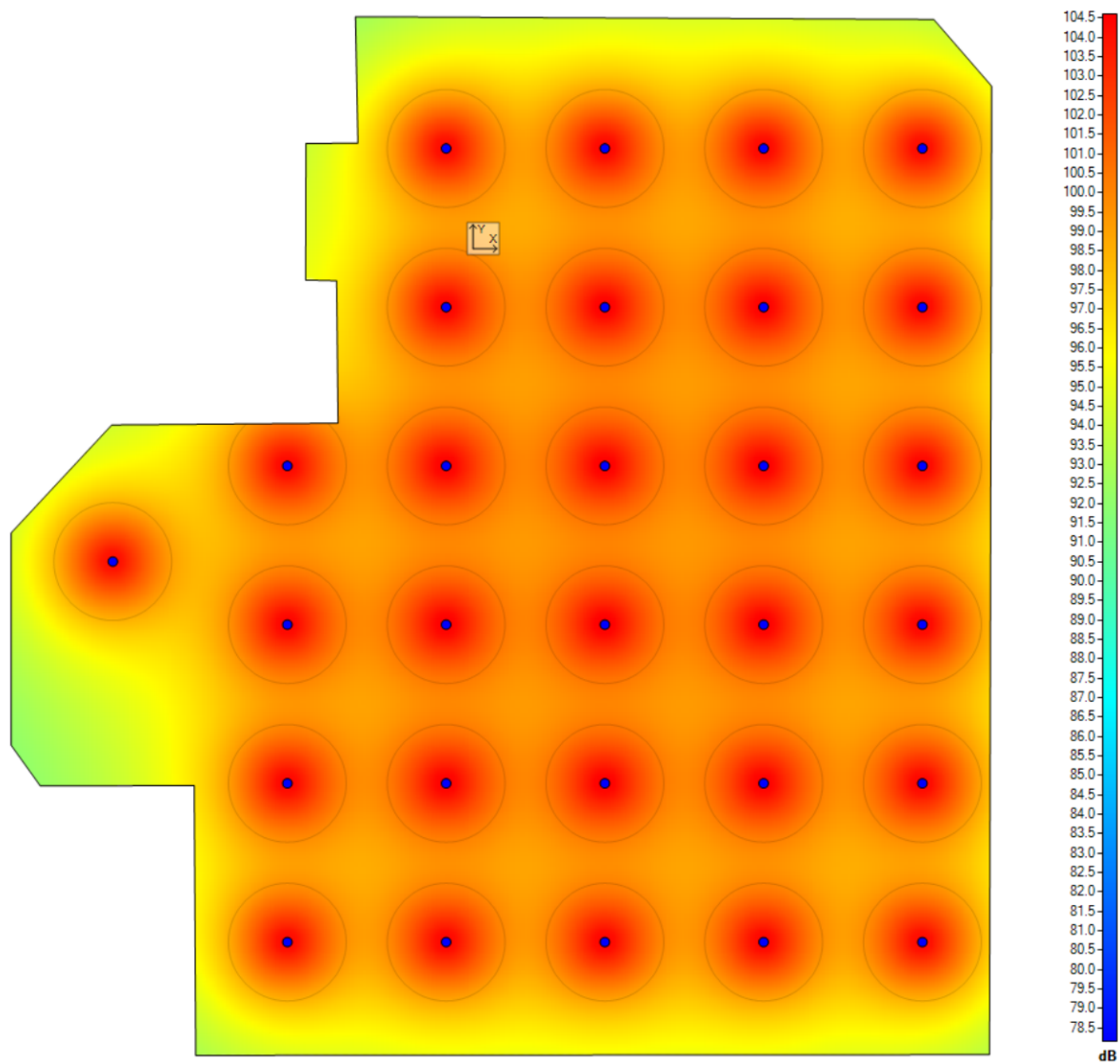
Pendant Speaker Coverage Study

Project and author details removed for public sharing.

DP8 speakers: 60 W taps. Auxiliary CM60DT speakers: 7.5 W taps.

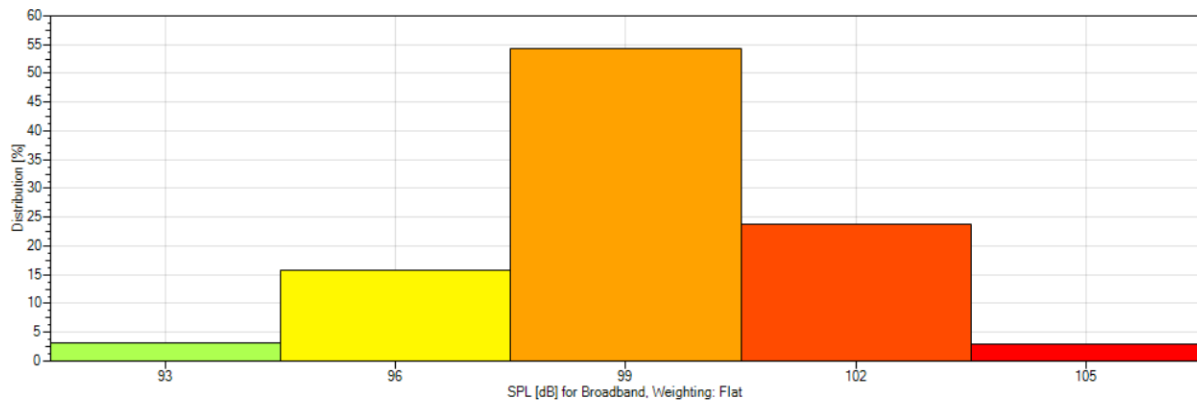
	EASE Address is a software that allows the modeling of acoustic sources, in particular distributed loudspeaker systems, in two dimensions. It only considers the direct field, created by the addition of the sound contributions of the individual loudspeakers.	
Temperature:	68.0°F	
Pressure:	Standard (29.8 inHg)	
Humidity:	Standard (60%)	
Mapping:	Broadband, Weighting: Flat	
Input Signal Type:	Pink Noise (AES2 Broadband)	
Calculation Accuracy:	Fast Approximation	
Summary Loudspeakers:	Amount	Type
	29	DP8 (Community Professional Loudspeakers)
	11	CM60DTD (Biamp)

Architectural background plan omitted to protect project identity.



Label:					
Room Height:	13.00 ft				
Ear Height:	5.58 ft				
Network Voltage:	70.7 V				
Power Consumption:	1740W				
Summary Loudspeakers:	<table><tr><th>Amount</th><th>Type</th></tr><tr><td>29</td><td>DP8 (Community Professional Loudspeakers)</td></tr></table>	Amount	Type	29	DP8 (Community Professional Loudspeakers)
Amount	Type				
29	DP8 (Community Professional Loudspeakers)				

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Room Layout:

Nr.	X [ft]	Y [ft]
1	-14.51	13.30
2	-21.05	13.24
3	-21.08	-3.96
4	-17.19	-4.06
5	-17.01	-21.99
6	-45.51	-22.22
7	-58.17	-35.81
8	-58.17	-62.59
9	-54.51	-67.70
10	-35.12	-67.66
11	-34.94	-101.65
12	65.07	-101.56
13	65.34	20.47
14	58.05	28.88
15	-14.81	29.22

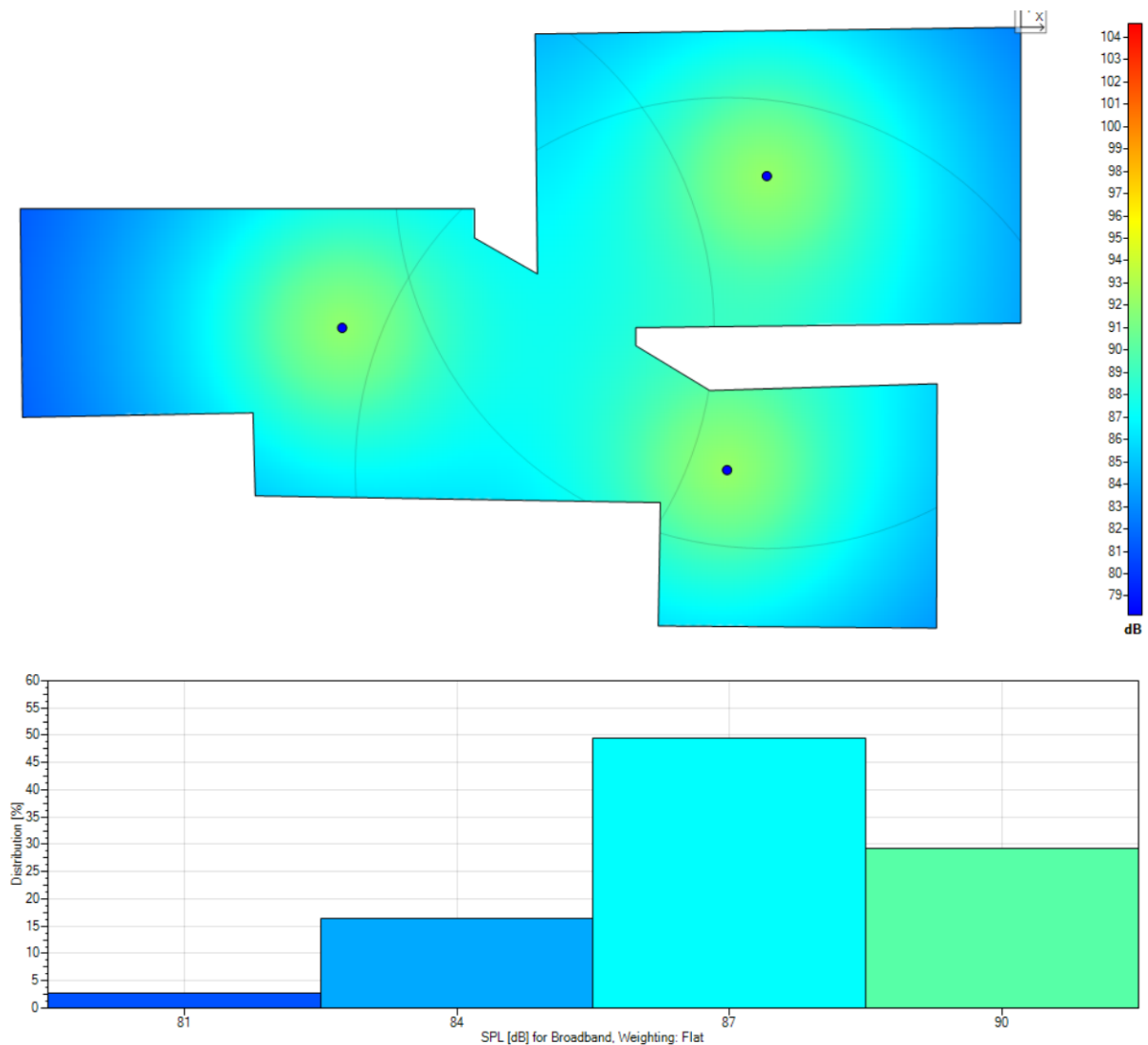
Loudspeakers:

Nr.	Type	X [ft]	Y [ft]	Tap Settings
1	DP8 (Community Professional Loudspeakers)	-3.39	12.62	60W (AFC120)
2	DP8 (Community Professional Loudspeakers)	16.61	12.62	60W (AFC120)
3	DP8 (Community Professional Loudspeakers)	36.61	12.62	60W (AFC120)
4	DP8 (Community Professional Loudspeakers)	56.61	12.62	60W (AFC120)
5	DP8 (Community Professional Loudspeakers)	-3.39	-7.38	60W (AFC120)
6	DP8 (Community Professional Loudspeakers)	16.61	-7.38	60W (AFC120)
7	DP8 (Community Professional Loudspeakers)	36.61	-7.38	60W (AFC120)
8	DP8 (Community Professional Loudspeakers)	56.61	-7.38	60W (AFC120)
9	DP8 (Community Professional Loudspeakers)	-23.39	-27.38	60W (AFC120)
10	DP8 (Community Professional Loudspeakers)	-3.39	-27.38	60W (AFC120)

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	Loudspeakers)			
11	DP8 (Community Professional Loudspeakers)	16.61	-27.38	60W (AFC120)
12	DP8 (Community Professional Loudspeakers)	36.61	-27.38	60W (AFC120)
13	DP8 (Community Professional Loudspeakers)	56.61	-27.38	60W (AFC120)
14	DP8 (Community Professional Loudspeakers)	-45.38	-39.43	60W (AFC120)
15	DP8 (Community Professional Loudspeakers)	-23.39	-47.38	60W (AFC120)
16	DP8 (Community Professional Loudspeakers)	-3.39	-47.38	60W (AFC120)
17	DP8 (Community Professional Loudspeakers)	16.61	-47.38	60W (AFC120)
18	DP8 (Community Professional Loudspeakers)	36.61	-47.38	60W (AFC120)
19	DP8 (Community Professional Loudspeakers)	56.61	-47.38	60W (AFC120)
20	DP8 (Community Professional Loudspeakers)	-23.39	-67.38	60W (AFC120)
21	DP8 (Community Professional Loudspeakers)	-3.39	-67.38	60W (AFC120)
22	DP8 (Community Professional Loudspeakers)	16.61	-67.38	60W (AFC120)
23	DP8 (Community Professional Loudspeakers)	36.61	-67.38	60W (AFC120)
24	DP8 (Community Professional Loudspeakers)	56.61	-67.38	60W (AFC120)
25	DP8 (Community Professional Loudspeakers)	-23.39	-87.38	60W (AFC120)
26	DP8 (Community Professional Loudspeakers)	-3.39	-87.38	60W (AFC120)
27	DP8 (Community Professional Loudspeakers)	16.61	-87.38	60W (AFC120)
28	DP8 (Community Professional Loudspeakers)	36.61	-87.38	60W (AFC120)
29	DP8 (Community Professional Loudspeakers)	56.61	-87.38	60W (AFC120)

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Label:	
Room Height:	10.00 ft
Ear Height:	5.58 ft
Network Voltage:	70.7 V
Power Consumption:	23W
Summary Loudspeakers:	Amount Type
	3 CM60DTD (Biamp)

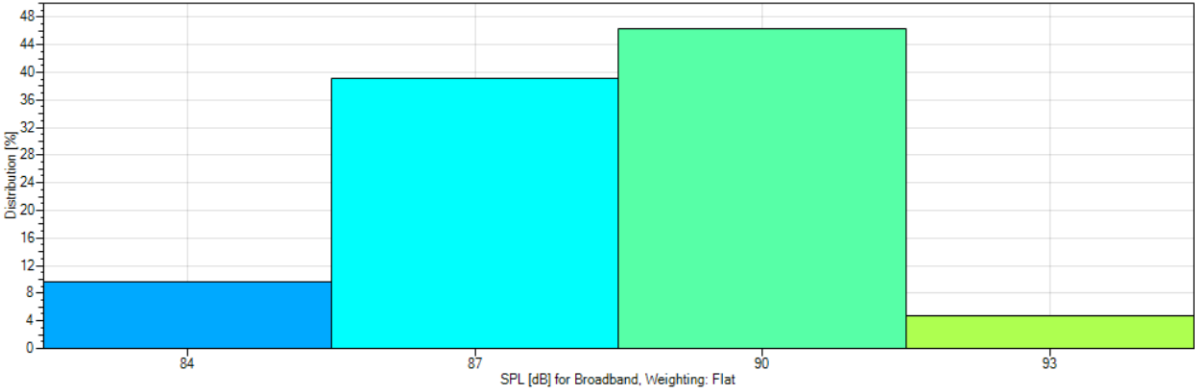
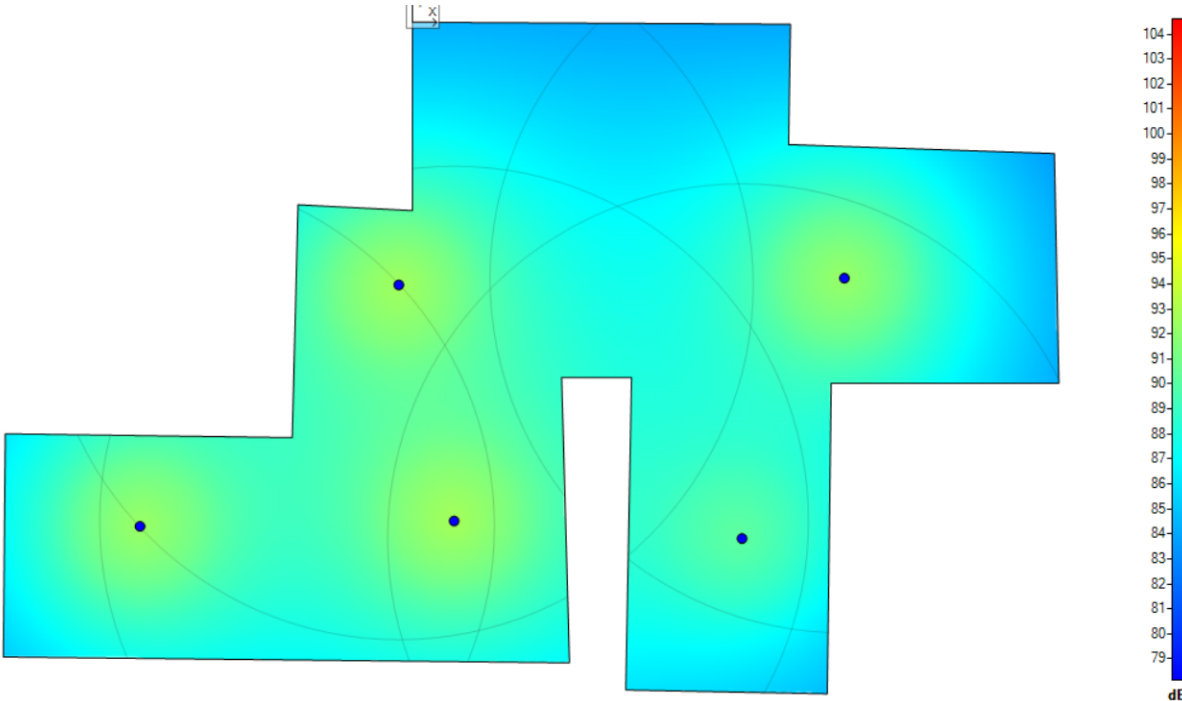
Room Layout:	Nr.	X [ft]	Y [ft]
	1	0.00	0.00
	2	0.00	-11.49
	3	-14.97	-11.67
	4	-14.97	-12.36

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5	-12.10	-14.10
6	-3.25	-13.84
7	-3.28	-23.33
8	-14.10	-23.24
9	-14.02	-18.46
10	-29.77	-18.19
11	-29.86	-14.97
12	-38.83	-15.15
13	-38.91	-7.05
14	-21.24	-7.05
15	-21.24	-8.18
16	-18.80	-9.58
17	-18.89	-0.26

Loudspeakers:	Nr.	Type	X [ft]	Y [ft]	Tap Settings
	1	CM60DTD (Biamp)	-26.39	-11.67	7.5W (70V)
	2	CM60DTD (Biamp)	-9.88	-5.78	7.5W (70V)
	3	CM60DTD (Biamp)	-11.42	-17.19	7.5W (70V)

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Label:					
Room Height:	10.00 ft				
Ear Height:	5.58 ft				
Network Voltage:	70.7 V				
Power Consumption:	34W				
Summary Loudspeakers:	<table><tr><th>Amount</th><th>Type</th></tr><tr><td>5</td><td>CM60DTD (Biamp)</td></tr></table>	Amount	Type	5	CM60DTD (Biamp)
Amount	Type				
5	CM60DTD (Biamp)				

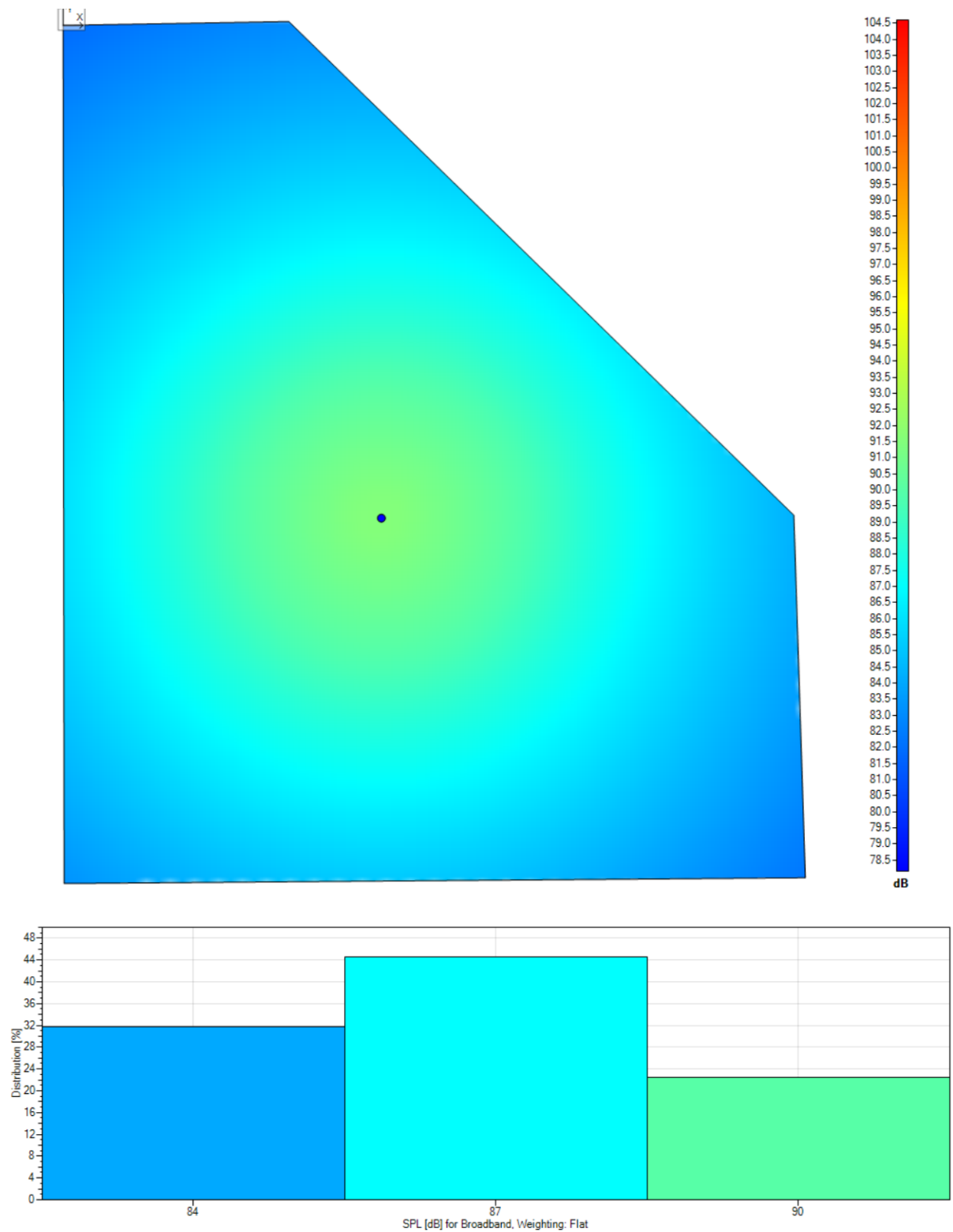
Room Layout:	Nr.	X [ft]	Y [ft]
	1	0.00	0.00
	2	15.43	-0.08
	3	15.35	-4.99

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4	26.21	-5.35
5	26.39	-14.72
6	17.09	-14.72
7	16.94	-27.38
8	8.71	-27.23
9	8.94	-14.48
10	6.09	-14.48
11	6.41	-26.12
12	-16.70	-25.88
13	-16.62	-16.78
14	-4.91	-16.94
15	-4.67	-7.44
16	0.00	-7.68

Loudspeakers:	Nr.	Type	X [ft]	Y [ft]	Tap Settings
	1	CM60DTD (Biamp)	1.70	-20.33	7.5W (70V)
	2	CM60DTD (Biamp)	-11.12	-20.55	7.5W (70V)
	3	CM60DTD (Biamp)	-0.56	-10.71	7.5W (70V)
	4	CM60DTD (Biamp)	17.63	-10.43	7.5W (70V)
	5	CM60DTD (Biamp)	13.45	-21.05	7.5W (100V)

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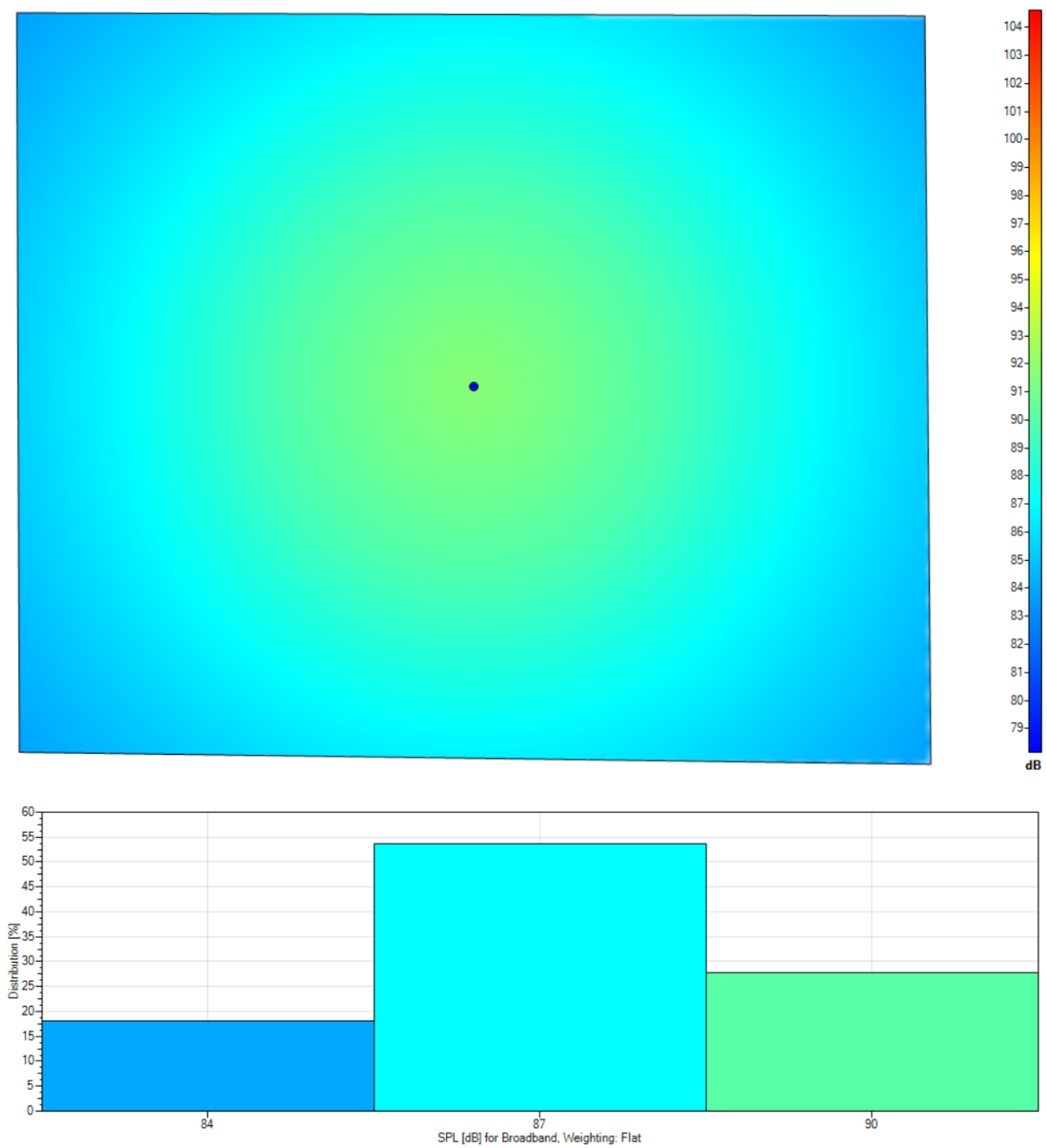
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Label:					
Room Height:	10.00 ft				
Ear Height:	5.58 ft				
Network Voltage:	70.7 V				
Power Consumption:	8W				
Summary Loudspeakers:	<table><tr><th>Amount</th><th>Type</th></tr><tr><td>1</td><td>CM60DTD (Biamp)</td></tr></table>	Amount	Type	1	CM60DTD (Biamp)
Amount	Type				
1	CM60DTD (Biamp)				

Room Layout:	Nr.	X [ft]	Y [ft]
	1	0.00	0.00
	2	3.86	0.07
	3	12.49	-8.37
	4	12.69	-14.57
	5	0.02	-14.67

Loudspeakers:	Nr. Type		X [ft]	Y [ft]	Tap Settings
	1	CM60DTD (Biamp)	5.44	-8.42	7.5W (70V)

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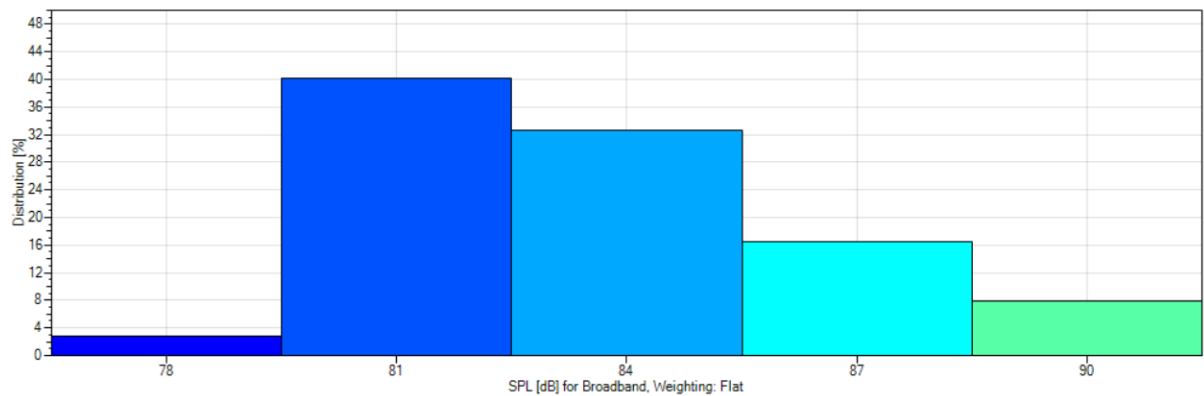
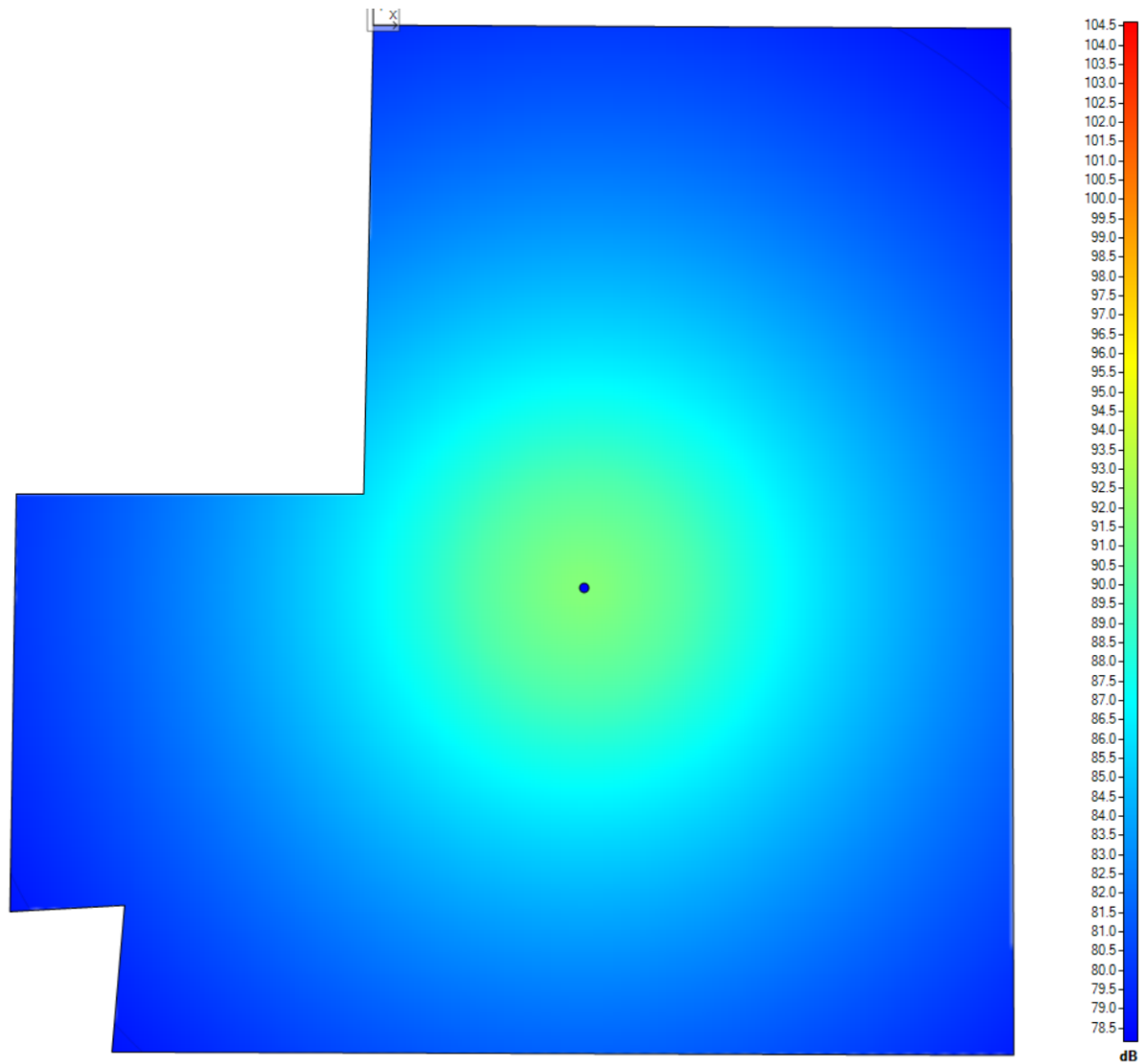
Label:	
Room Height:	10.00 ft
Ear Height:	5.58 ft
Network Voltage:	70.7 V
Power Consumption:	8W
Summary Loudspeakers:	
	Amount Type
	1 CM60DTD (Biamp)

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Room Layout:	Nr.		X [ft]	Y [ft]
	1		0.20	-0.28
	2		12.10	-0.32
	3		12.18	-10.13
	4		0.24	-9.97

Loudspeakers:	Nr.	Type	X [ft]	Y [ft]	Tap Settings
	1	CM60DTD (Biamp)	6.19	-5.18	7.5W (70V)

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Label:					
Room Height:	10.00 ft				
Ear Height:	5.58 ft				
Network Voltage:	70.7 V				
Power Consumption:	8W				
Summary Loudspeakers:	<table><tr><th>Amount</th><th>Type</th></tr><tr><td>1</td><td>CM60DTD (Biamp)</td></tr></table>	Amount	Type	1	CM60DTD (Biamp)
Amount	Type				
1	CM60DTD (Biamp)				

Room Layout:	Nr.	X [ft]	Y [ft]
	1	0.00	0.00
	2	14.39	-0.07
	3	14.46	-23.24
	4	-5.90	-23.17
	5	-5.61	-19.86
	6	-8.20	-20.00
	7	-8.06	-10.58
	8	-0.22	-10.58

Loudspeakers:	Nr.	Type	X [ft]	Y [ft]	Tap Settings
	1	CM60DTD (Biamp)	4.76	-12.70	7.5W (70V)