



CITY OF FORT LAUDERDALE

MEETING MINUTES
CITY OF FORT LAUDERDALE
NOISE CONTROL ADVISORY COMMITTEE (NCAC)
FORT LAUDERDALE FIRE RESCUE DEPARTMENT – FIRE STATION #2
3RD FLOOR CONFERENCE ROOM
TUESDAY, JUNE 27, 2023 – 1:00 P.M.

July 2022 – June 2023

Attendance

Eugenia “Genia” Ellis, Chair	P	6	2
William Brown, Vice-Chair	P	8	0
Ralph Stone	P	6	2
Rocco Ferrara [departed at 1:46 P.M.]	P	8	0
Steven Hudson	A	6	2
Chad McCoury	P	8	0
Miguel Pilgram	A	3	5
Tim Petrillo	P	6	2
Renee Quinn [virtual]	P	6	2

Call to Order & Determination of Quorum

Chair Ellis called the meeting to order at 1:00 P.M.

Roll was called and a quorum was present.

Staff

Porshia Garcia, Deputy Director, Development Services Department
Stephanie Bass, Code Compliance Supervisor
Sarah Hannah-Spurlock, Nighttime Economy Manager
Katrina Jordan, Code Compliance Manager
Major Victor London, Chief’s Executive Officer, Fort Lauderdale Police Department
Donna Varisco, Executive Assistant to the City Manager

Others

Gary Siebein, Siebein and Associates (virtual)
Keely Siebein, Siebein and Associates (virtual)
Martin Gold, Siebein and Associates (virtual)
Carla Blair, Recording Secretary, Prototype-Inc.

A **motion** was made by Mr. Petrillo, seconded by Mr. Stone, to allow Ms. Quinn to join virtually. In a voice vote, the **motion passed** unanimously (7-0).

Approval of the May 23, 2023, Meeting Minutes

A brief discussion ensued about the appointment of the vacant position.

A **motion** was made by Mr. Brown, seconded by Mr. Petrillo, to approve the May 23, 2023, meeting minutes. In a roll call vote, the **motion passed** unanimously (7-0).

New Business

- **Data and Graphics from Second Sound Tour – Siebein Associates**

Ms. Keely Siebein, Associate Principal, and Mr. Martin Gold greeted the Committee. She stated they will cover data and key concepts in the Entertainment District Overlay, Commercial and Residential areas, and then Residential areas. She noted they will present the data as LAFMax data, so it corresponds to the noise ordinance.

Once presented, Mr. Gold said they are interested in feedback. He noted they attempted to put the measurements in context.

Ms. Siebein added the data is a snapshot and they continue to do an in-depth analysis. They began the presentation by reviewing the following:

- Maximum Permissible Sound Level Limits
- Entertainment Overlay Districts
- Entertainment District At Riverwalk

Mr. Petrillo asked if they considered measurements outside the entertainment zones, such as in a neighborhood. Mr. Martin confirmed they will show data from a variety of areas.

Mr. Gold and Ms. Siebein continued the presentation by reviewing additional Riverwalk slides.

Mr. Petrillo asked if they an overlay the ambient noise data from Riverwalk with the data captured five feet from The Wharf to map the spikes.

Mr. Gary Siebein said they did not find any noise level exceedances when they measured five feet from this venue. He added that many of the spikes are not amplified music, rather, boats and e-scooters, etc.

Mr. Petrillo said it is important to plot the sound level data from a venue at the same time ambient noise is being captured in the same area.

Ms. Siebein continued the presentation by reviewing the following:

- Himmarshee Soundwalk
- Commercial and Residential Districts
- Esplanade Park
- Across from Esplanade
- Bo's on the Beach
- Illini Building Balcony
- The Beach A1A

Mr. Petrillo noted the Sunday of the high levels was President's Day Weekend. Chair Ellis agreed a holiday weekend does exacerbate the problem.

Vice-Chair Brown noted there are no nightclubs or bars in the district where the high sound levels being referenced were recorded.

Ms. Siebein resumed the presentation by reviewing the following:

- Water Garden 26th Floor
- Jackson Tower Balcony
- Beaches Soundwalk
- Smitty's

Mr. Petrillo asked how noise level is enforced that is driven by a crowd of people and not amplified music. Ms. Garcia said Smitty's does have amplified music outdoors. Mr. Gold added that there is a nuisance aspect of the noise ordinance that is not tied to amplified music.

Ms. Siebein finished the presentation by reviewing the following:

- Bamboo Flats
- Truth Lounge

Mr. Siebein said for each of the 24-hour graphs, there were 5-7 days of continuous logging. He spoke about both short-term and long-term measurements regarding ambient data.

- **Next Steps**

Ms. Siebein displayed the draft outline of the report and explained their next steps. She noted the draft will be ready in a month and final report will be presented by September 2023.

Mr. Petrillo asked them to consider how the City has changed and developed since the noise ordinance was written. He suggested perhaps the standard is too low. He said enforcement is a challenge and provided Smitty's as an example.

Mr. Stone said it is a challenge to create the opportunities for commercial businesses but also recognizing that noise can be destructive and have health implications.

Discussion ensued about the ordinance, amplified music, and enforcement in the entertainment districts.

Chair Ellis clarified they will see a preliminary draft in July and the Committee will provide feedback. She asked for a copy of the presentation.

Mr. Gold requested copies of the NCAC meeting recordings.

Ms. Hannah-Spurlock asked Ms. Siebein to send a copy to IT.

Mr. Petrillo said he is a business owner and has a lot to lose. He stated they need to kill the beast, as it relates to the entertainment districts.

Vice Chair Brown requested the draft by July 21st so the Committee can review prior to the July 25th meeting. Mr. Siebein said they can continue to have discussions and solicit feedback the next few months.

Discussion ensued about the end date of the consultants' contract and the timeline.

Good of the Order

No additional comments.

Public Comments

No public comments.

Next Scheduled Meeting Date

The next meeting will be held on Tuesday, July 25, 2023, at 1:00 P.M.

Adjournment

The meeting was adjourned at 2:31 P.M.

[Minutes prepared by TBaclawski, Prototype-Inc.]

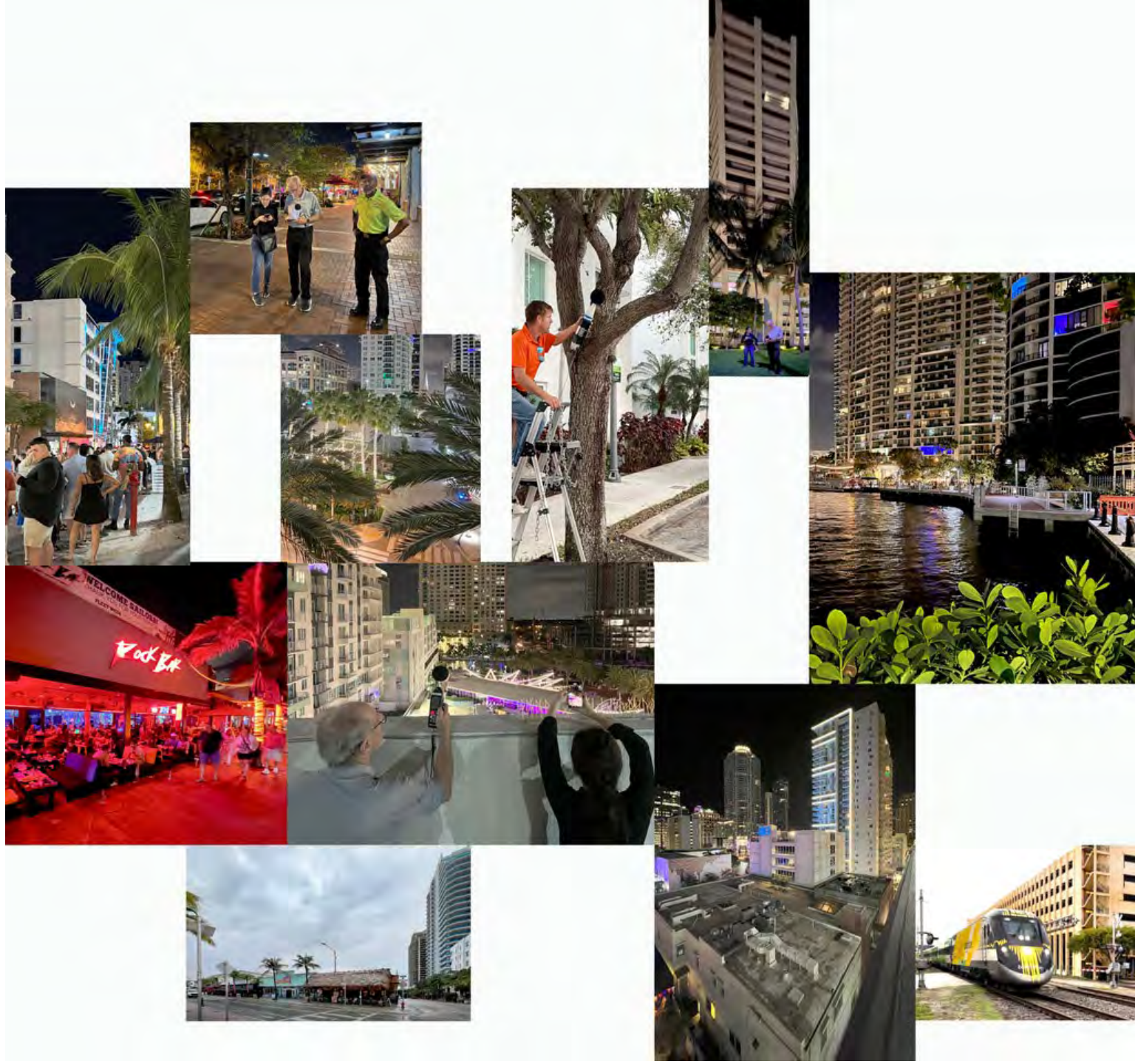
Ft Lauderdale Soundscape Study

Meeting 6/27/23

SIEBEIN
ACOUSTIC
ARCHITECTURAL | ENVIRONMENTAL

SIEBEIN
ACOUSTIC
ARCHITECTURAL | ENVIRONMENTAL

UF
UNIVERSITY of
FLORIDA



UF
UNIVERSITY of
FLORIDA

SIEBEIN
ACOUSTIC
ARCHITECTURAL | ENVIRONMENTAL

LAFmax vs Laeq

1 min time average

**Saturday - April 22 to
April 23, 2023**

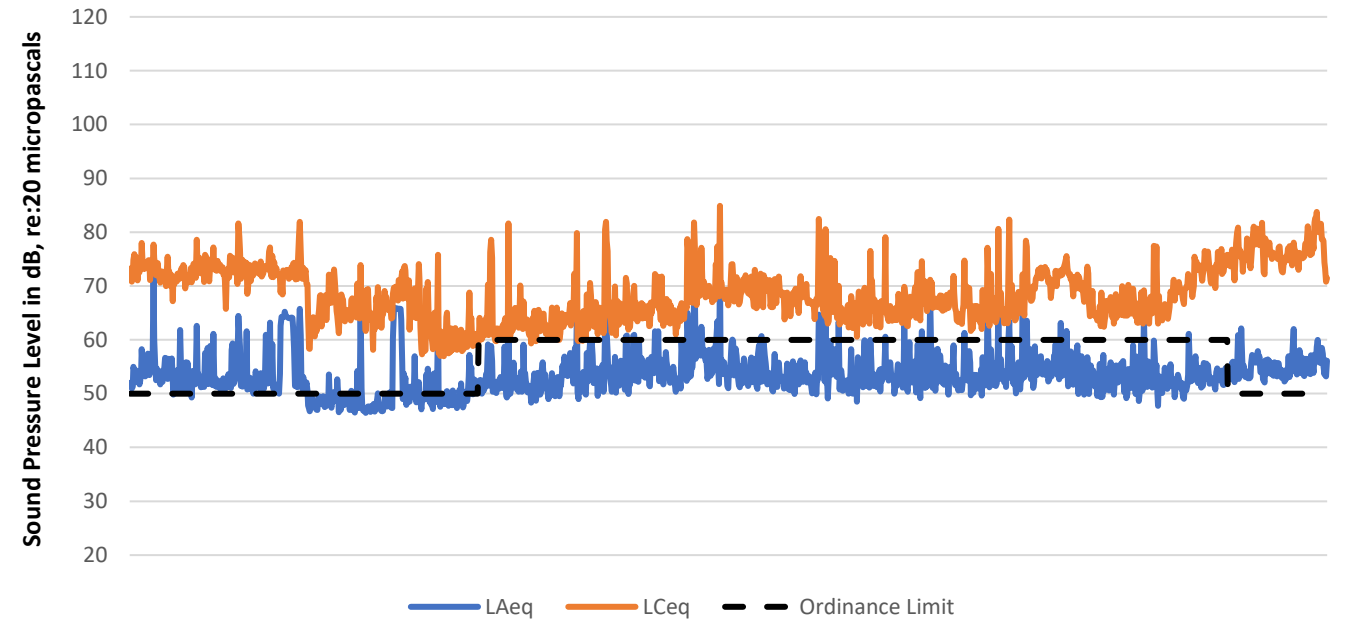
24 hours

Code references Lmax as the acoustic measurement metric.

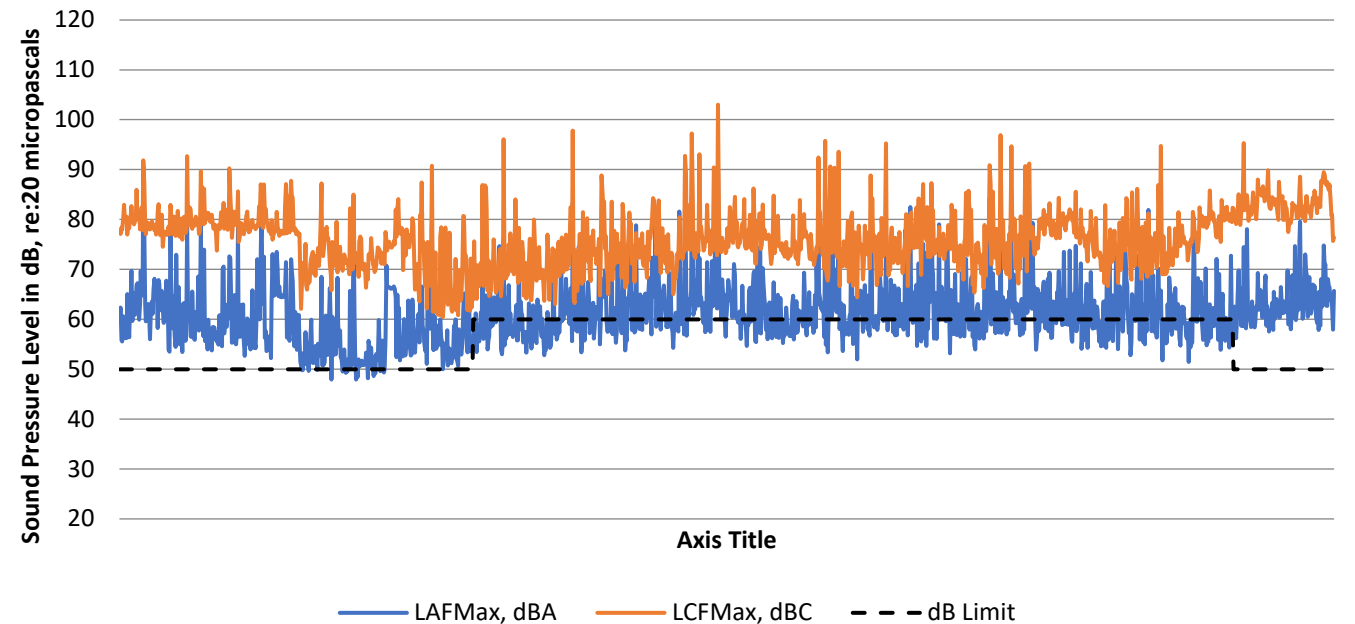
Data presented is LAFmax or LCFmax, unless otherwise noted.

Lmax measurement captures transient sounds. Leq averages transient sound over time, reducing the overall level

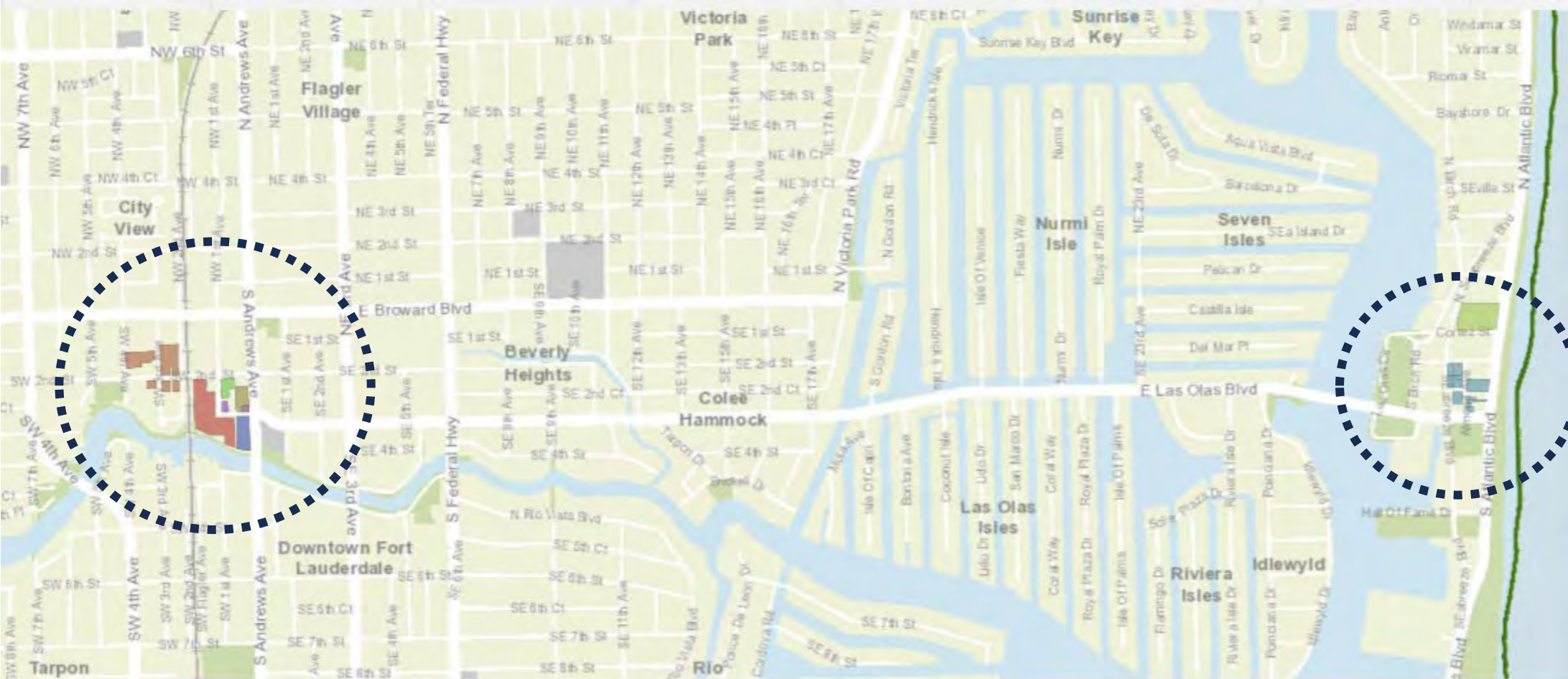
Fort Lauderdale Soundscape Study : Bamboo flats



Fort Lauderdale Soundscape Study : Bamboo flats



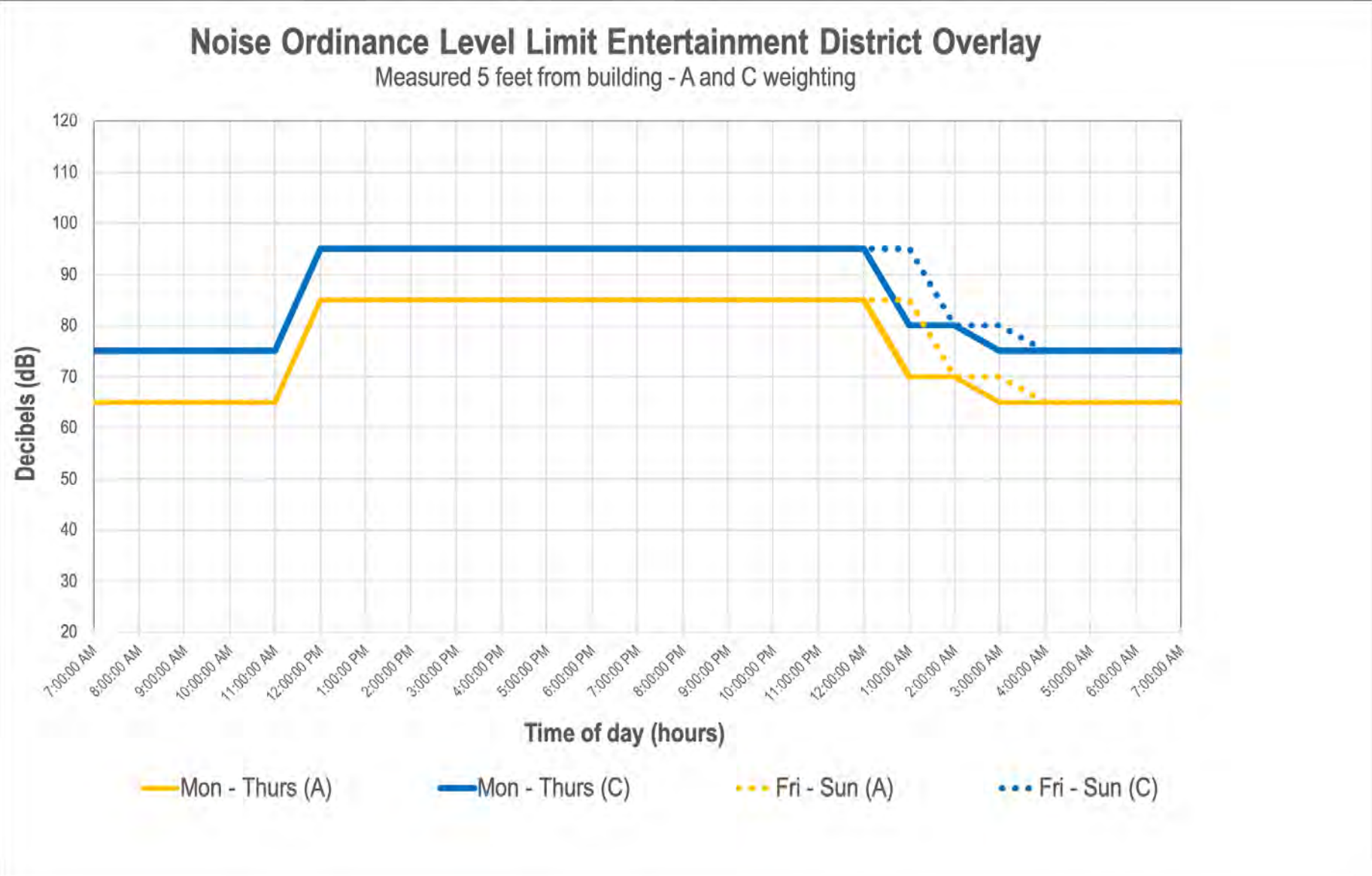
Entertainment Overlay Districts



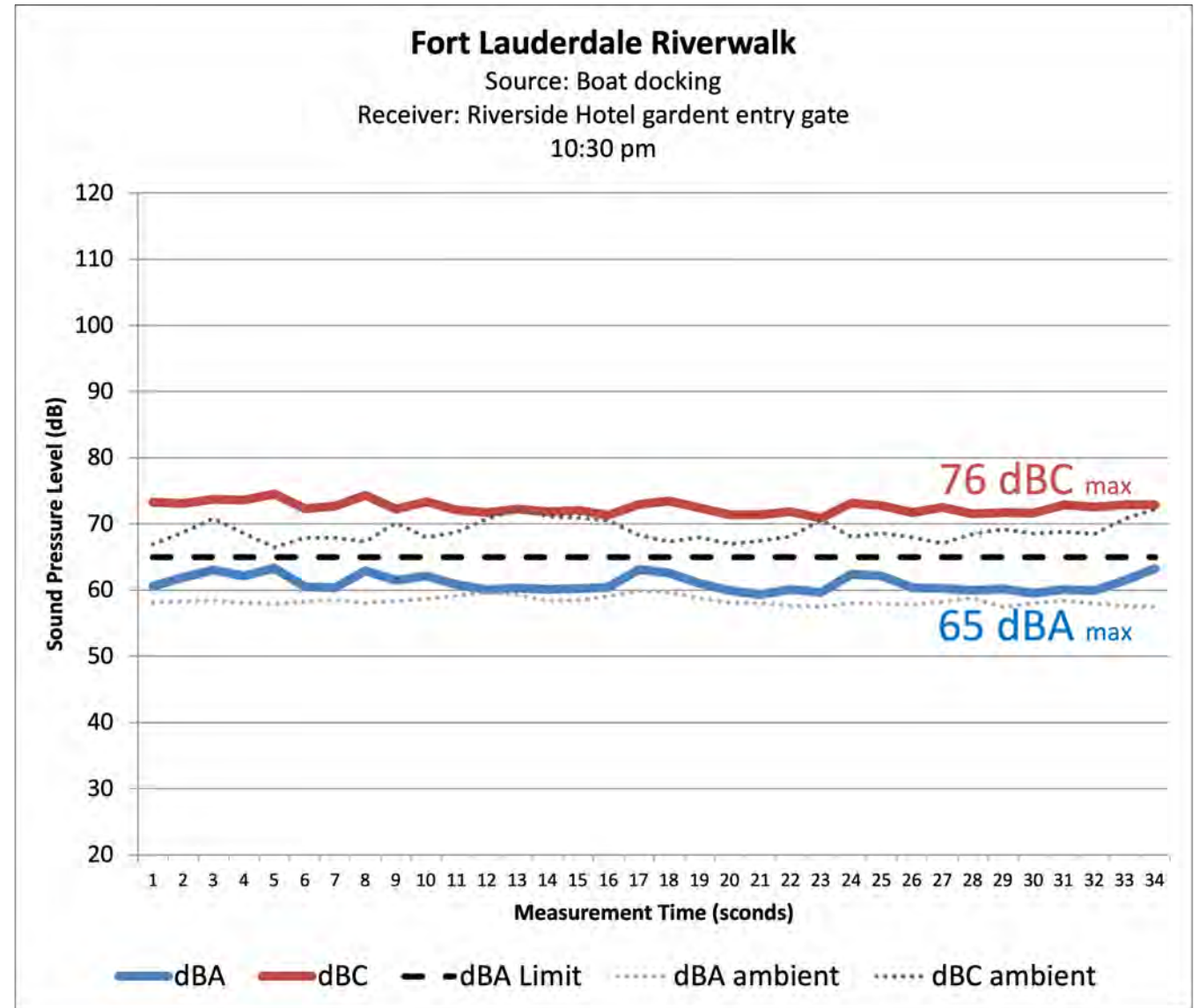
Ft Lauderdale Sound Level Limits

MAXIMUM PERMISSIBLE SOUND LEVEL LIMITS			
	Times	Outdoor	Indoor
Residential	7 am – 10 pm	60 dBA *65 dBA if residential is within Commercial, Industrial or Mixed or within 200 ft of such 80 dBA (Impulsive sounds that occur less than 4 times in 1 hour)	45 dBA
	10 pm – 7am	50 dBA 70 dBA (Impulsive sounds that occur less than 4 times in 1 hour)	35 dBA
Commercial	24 hours	65 dBA	55 dBA
Industrial	24 hours	75 dBA	65 dBA
SPECIAL ENTERTAINMENT DISTRICT			
Measured 5 ft from building, structure or establishment	Mon-Thur 12pm to 12am	85 dBA, 95 dBC	
	Mon – Thur 12am-2am	70 dBA, 80 dBC	
	Mon-Thur 2am-12pm	65 dBA, 75 dBA	
	Fri-Sun 12pm to 1am and Legal holidays	85 dBA, 95 dBC	
	Fri-Sun 1am-3am and Legal holidays	70 dBA, 80 dBC	
	Fri-Sun 3am-12pm and Legal holidays	65 dBA, 75 dBC	

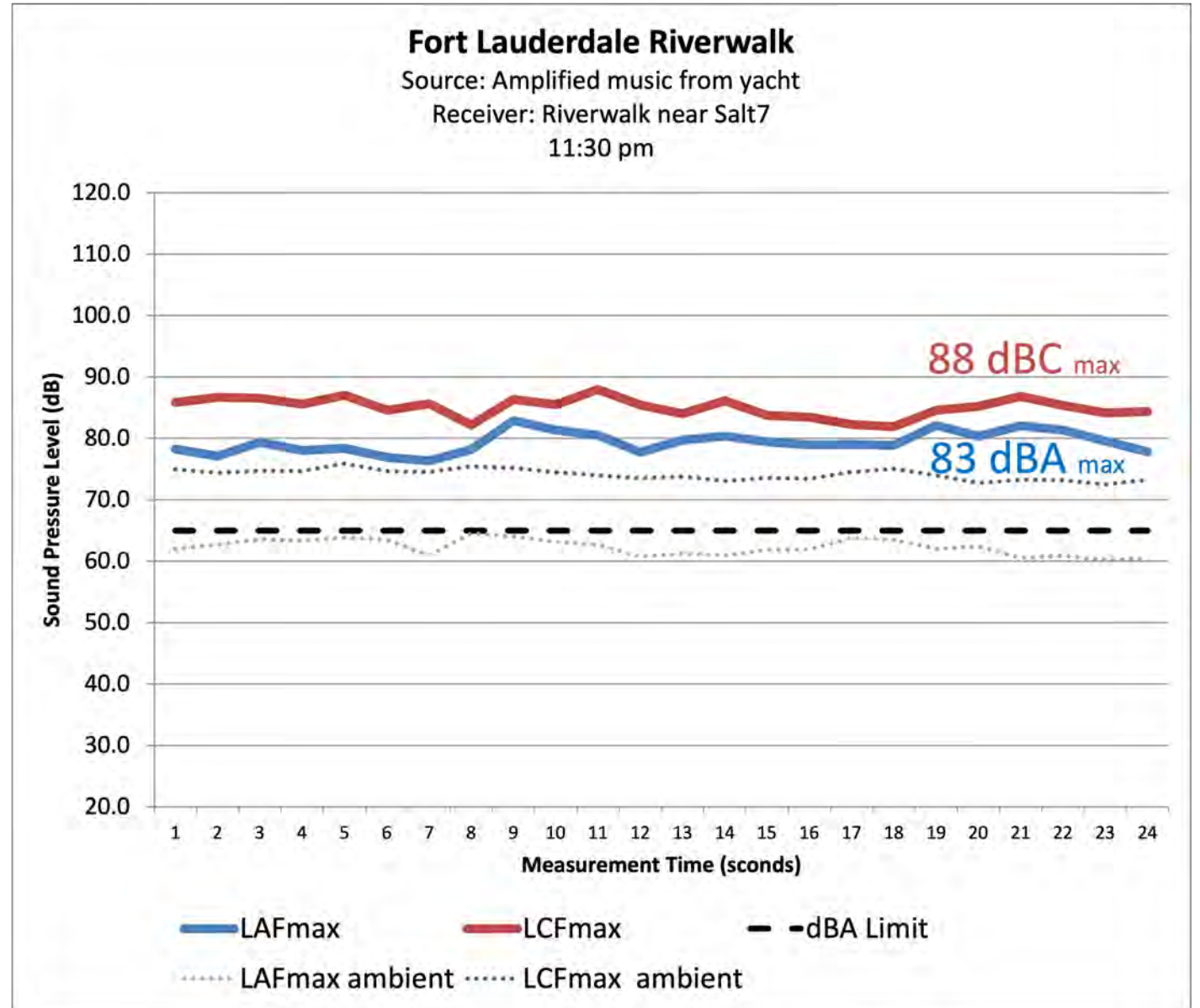
Entertainment Overlay Districts



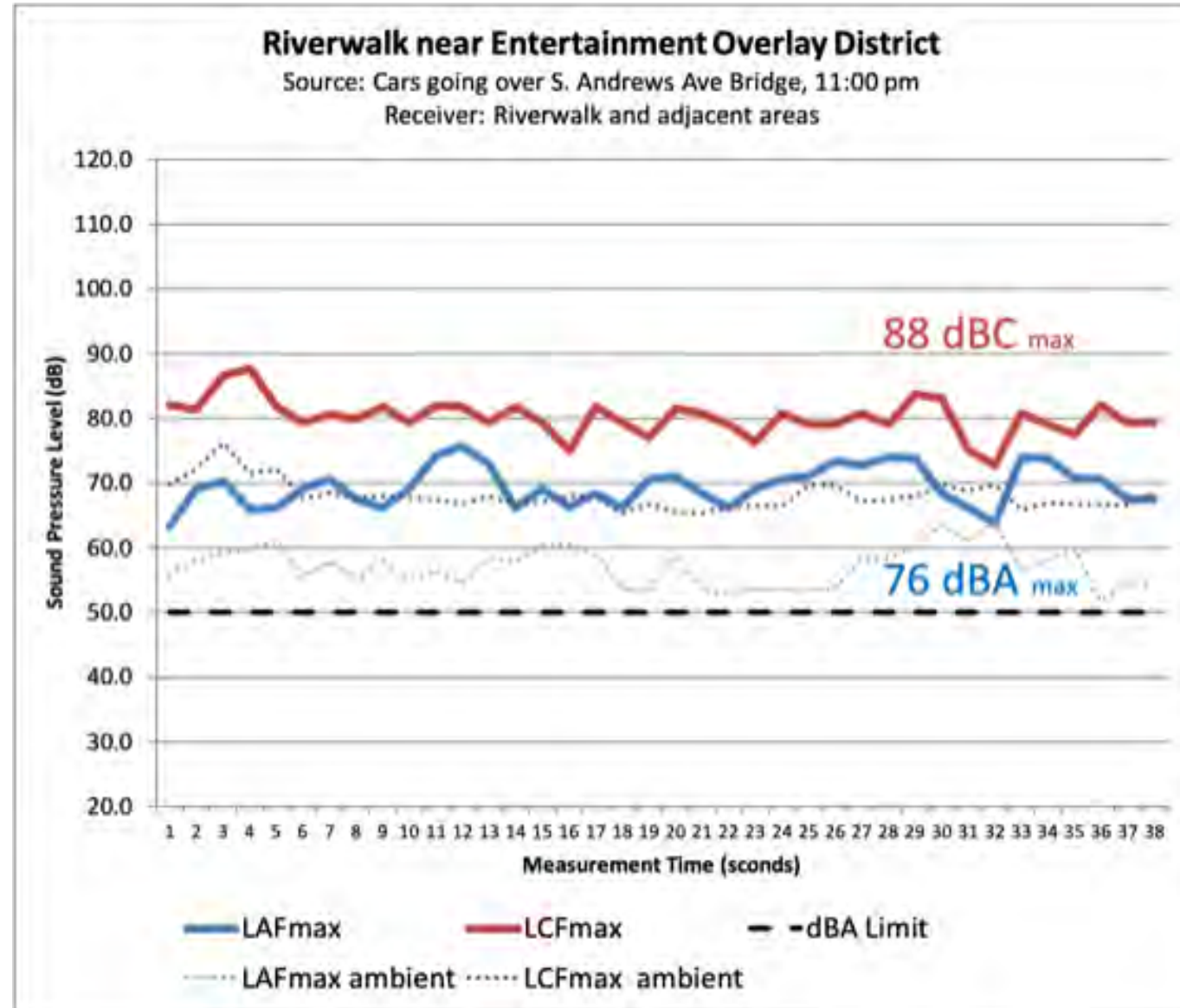
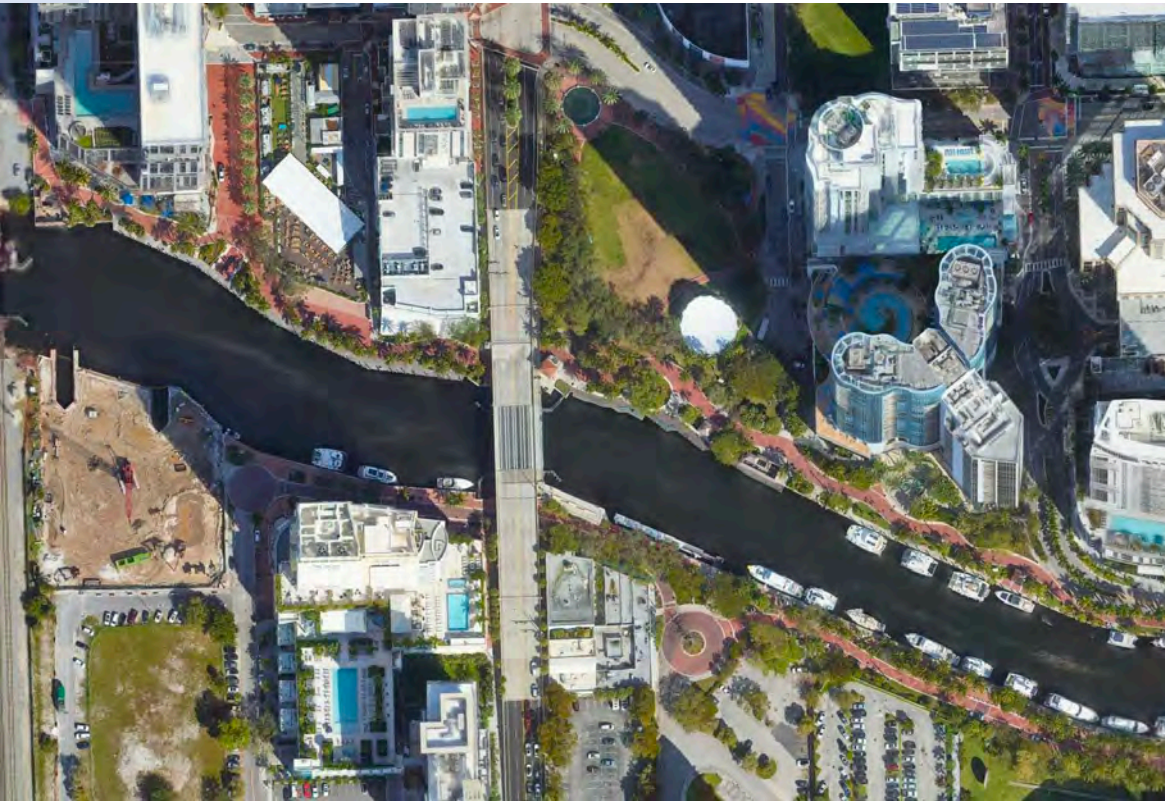
Entertainment District at Riverwalk



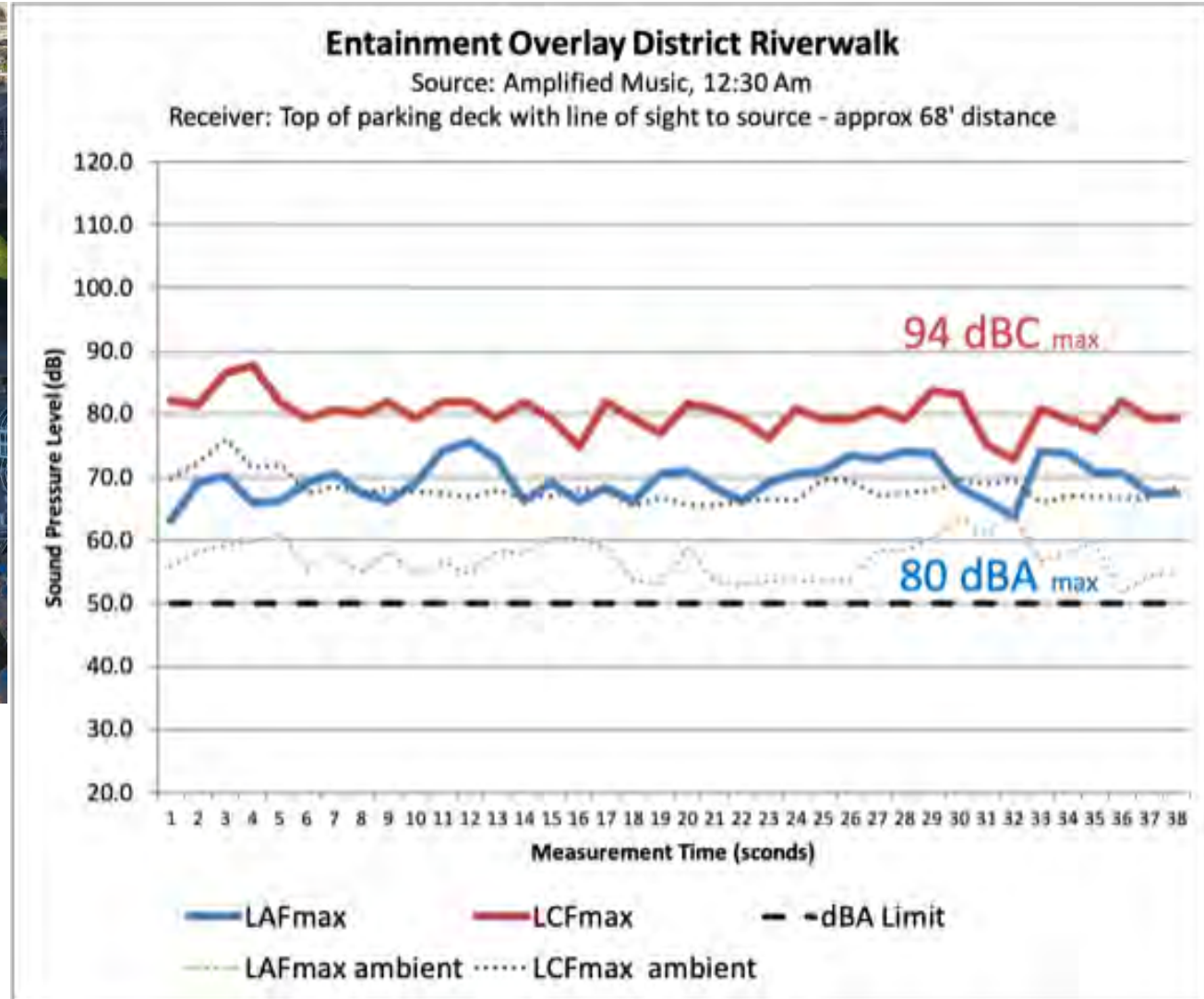
Entertainment District at Riverwalk



Entertainment District at Riverwalk



Entertainment District at Riverwalk



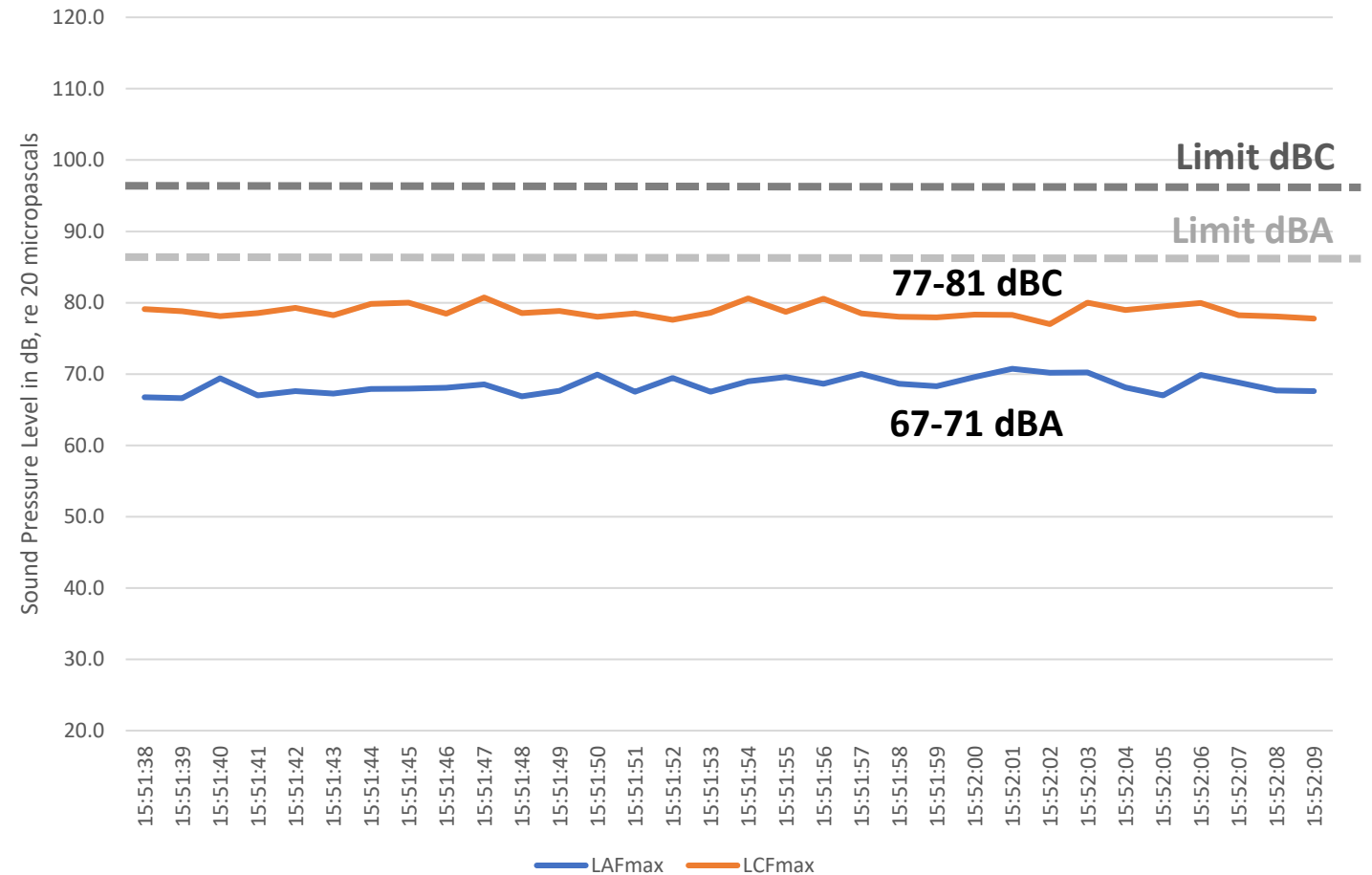
Entertainment District at Riverwalk



Amplified music 5 ft from Venue

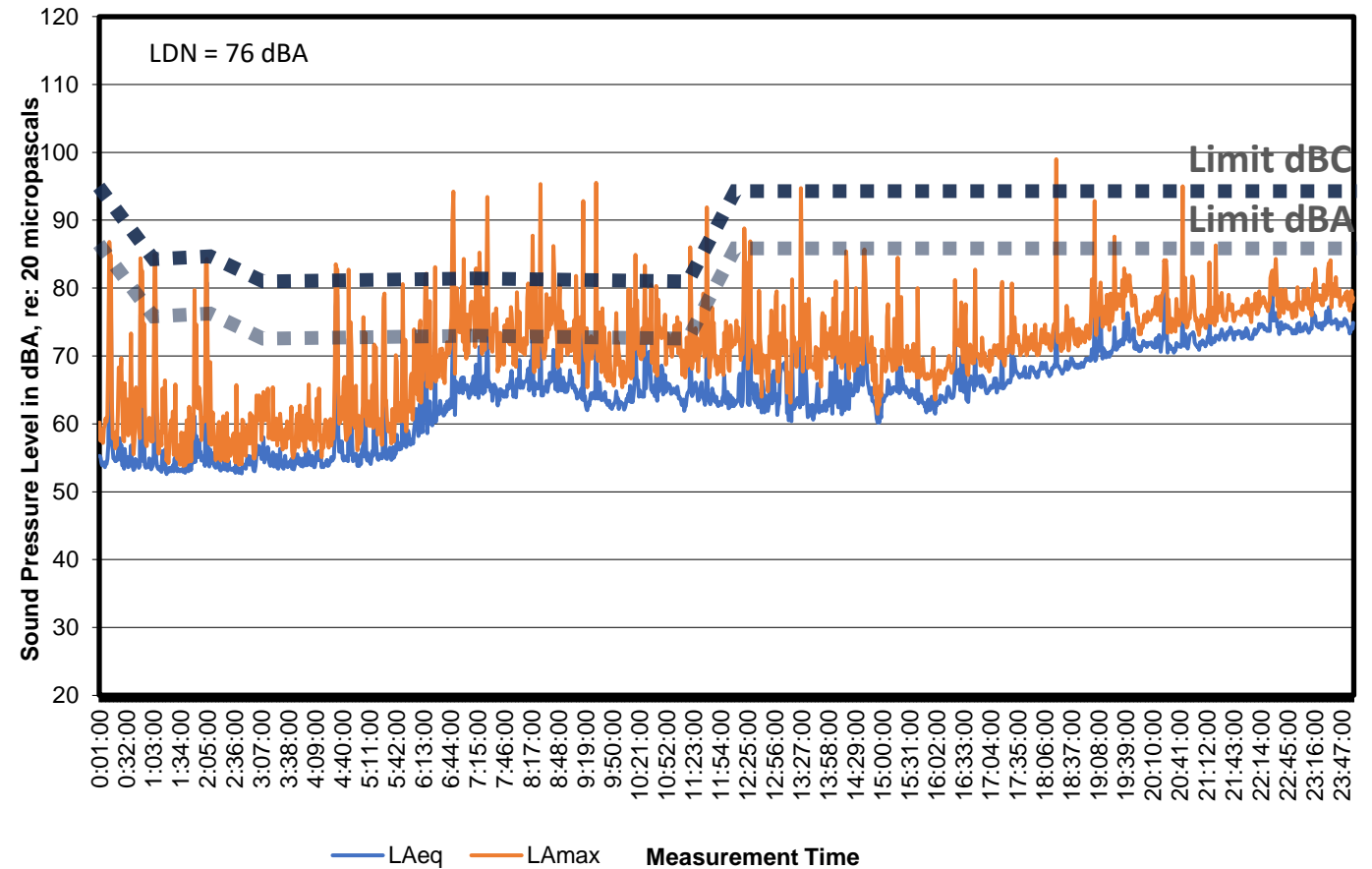
LD3-22

Friday 2/17/22 3:51pm



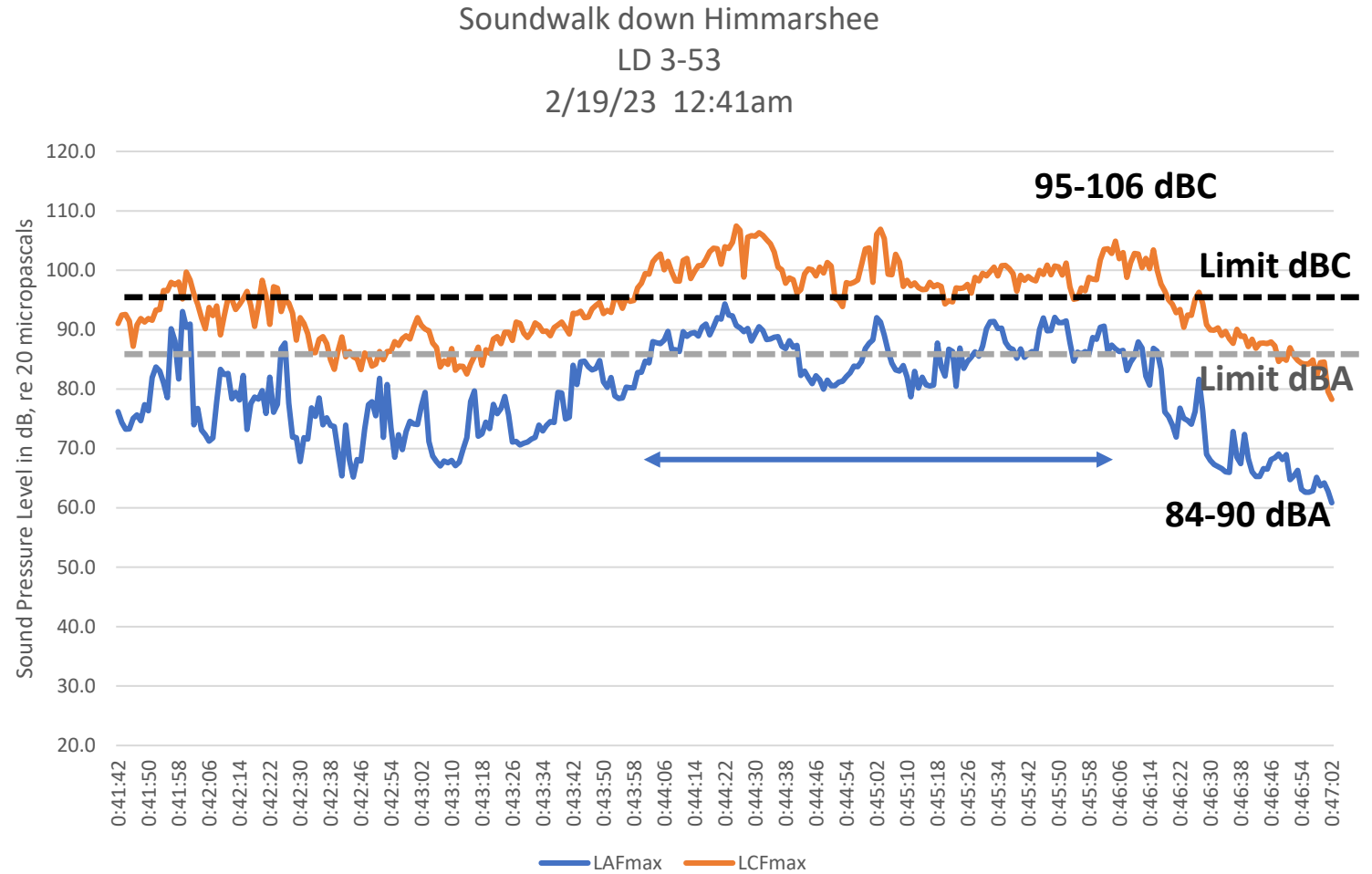
Entertainment District at Riverwalk

City of Fort Lauderdale Soundscape Study
Location : Riverwalk near the Wharf
Friday February 17, 2023



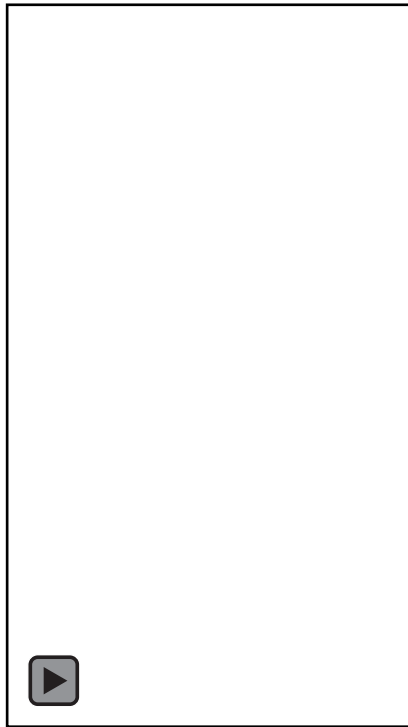
Himmarshee Soundwalk

Hearing Health

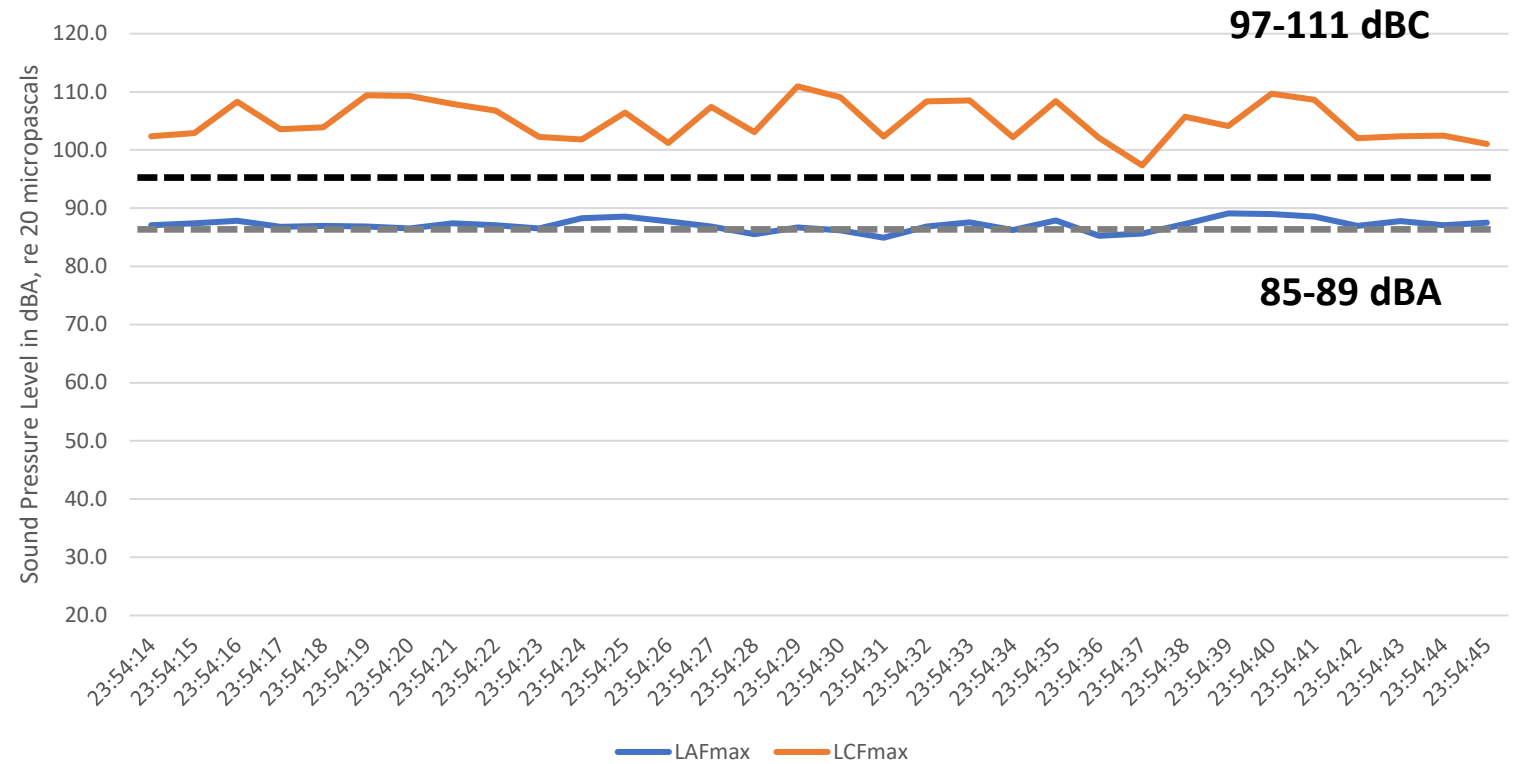


Himmarshee Soundwalk

Hearing Health



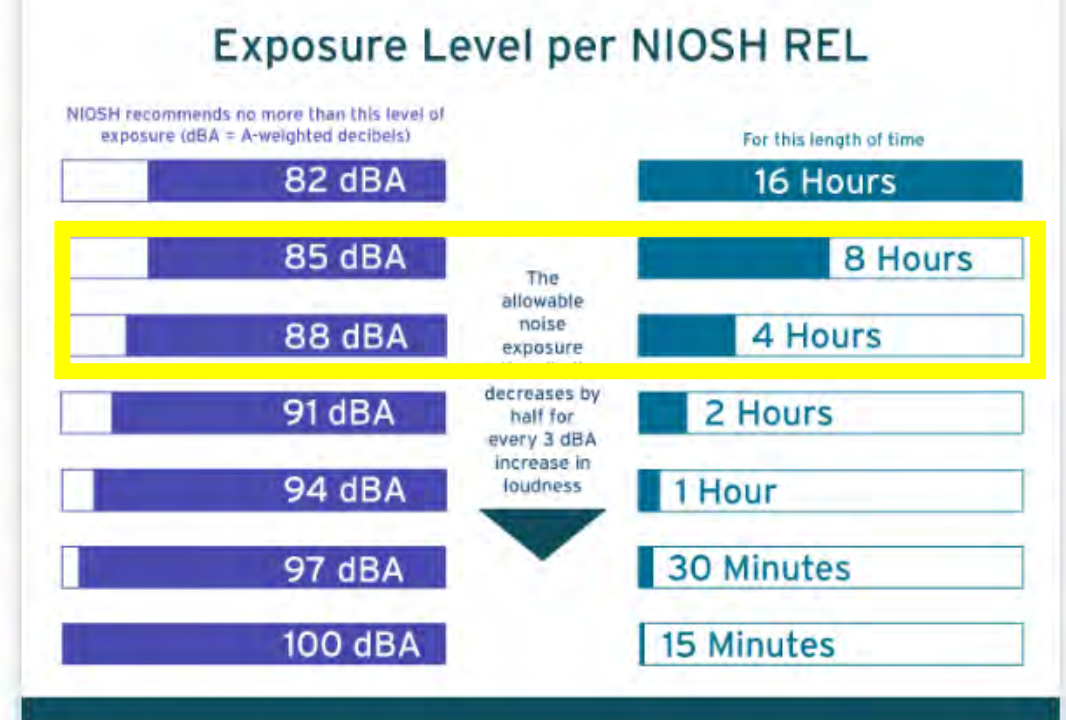
In front of Club in Himmarshee District
LD 2-38
2/18/23 11:54pm



Himmarshee Soundwalk Hearing Health

Duration per days hours	Sound level dBA slow response
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ or less	115

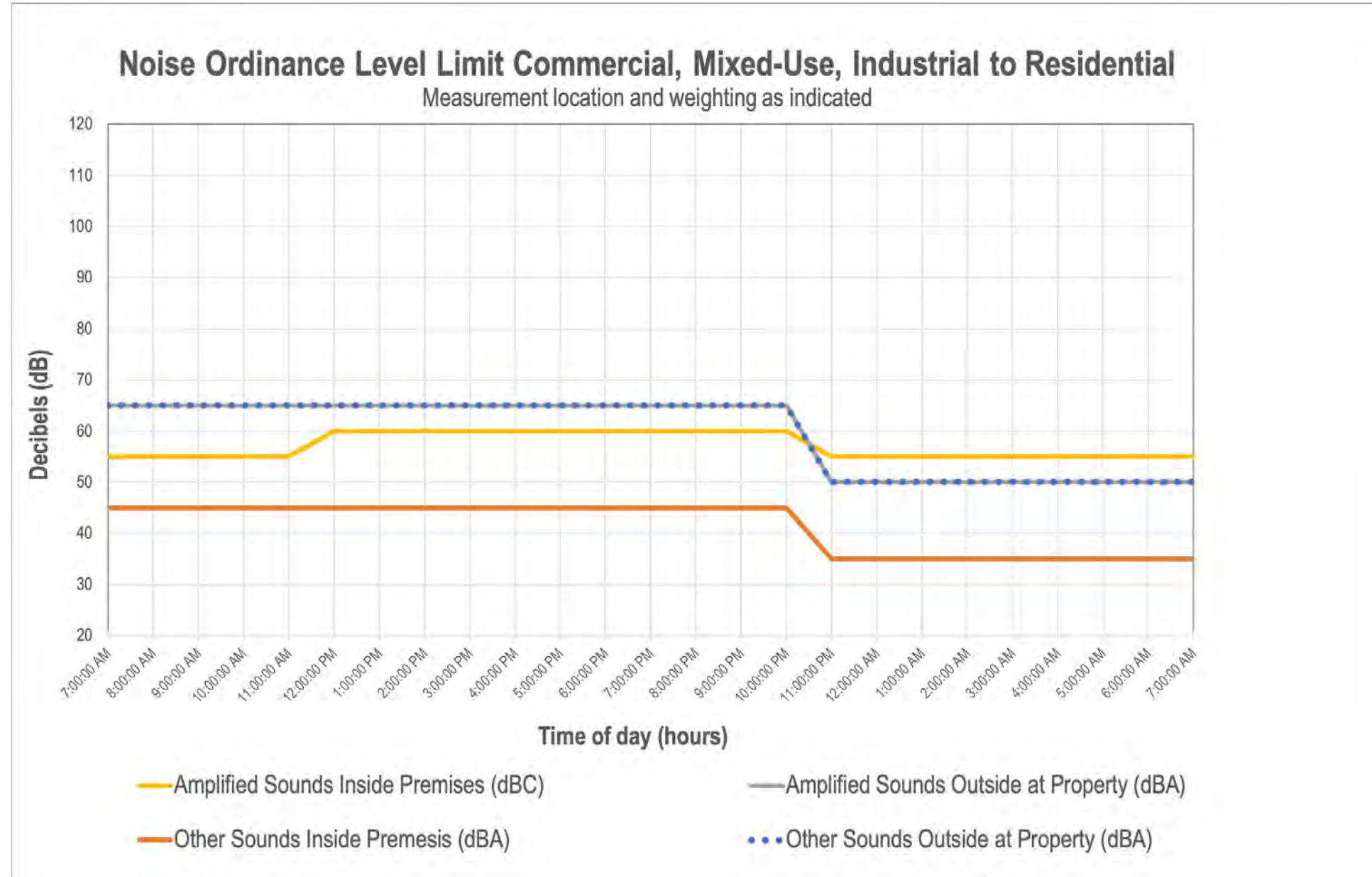
<https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.95>



This figure shows the relationship between exposure level and exposure duration under the NIOSH REL. As sounds become louder than 85 dBA, the length of a daily exposure must be reduced. For each 3 dBA increase in noise level, NIOSH recommends reducing the exposure duration by half. This is called the exchange rate. Similarly, if the daily exposure is longer than 8 hours, the allowable noise level is lower. To learn more, see Table 1-1 of the [Criteria for a Recommended Standard Occupational Noise Exposure](#).

<https://www.cdc.gov/niosh/topics/noise/noise.html#:~:text=NIOSH%20recommends%20wearing%20hearing%20protection,chosen%20correctly%20and%20used%20consistently.>

Commercial and Residential Districts



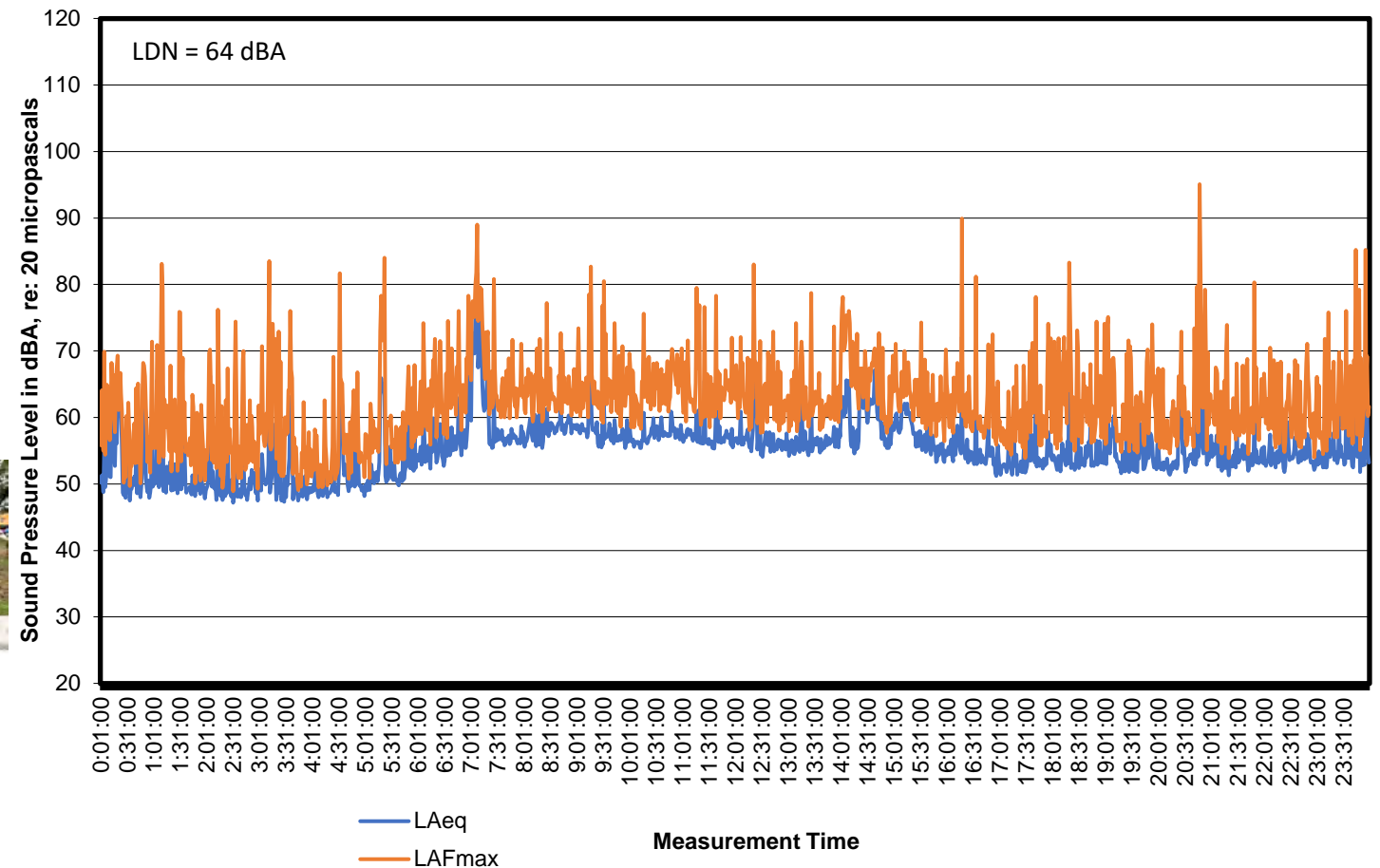
Commercial and Residential Districts

COMMERCIAL, MIXED USE OR INDUSTRIAL			
Measured within the premises of a complainant	12pm-10 pm	Use limits in Table 1	60 dBC
Sound level limits from Table 1 apply when measurements are taken outdoors or within the property line of the complainant	10pm – 12 pm	Use limits in Table 1	55 dBC

Esplanade Park



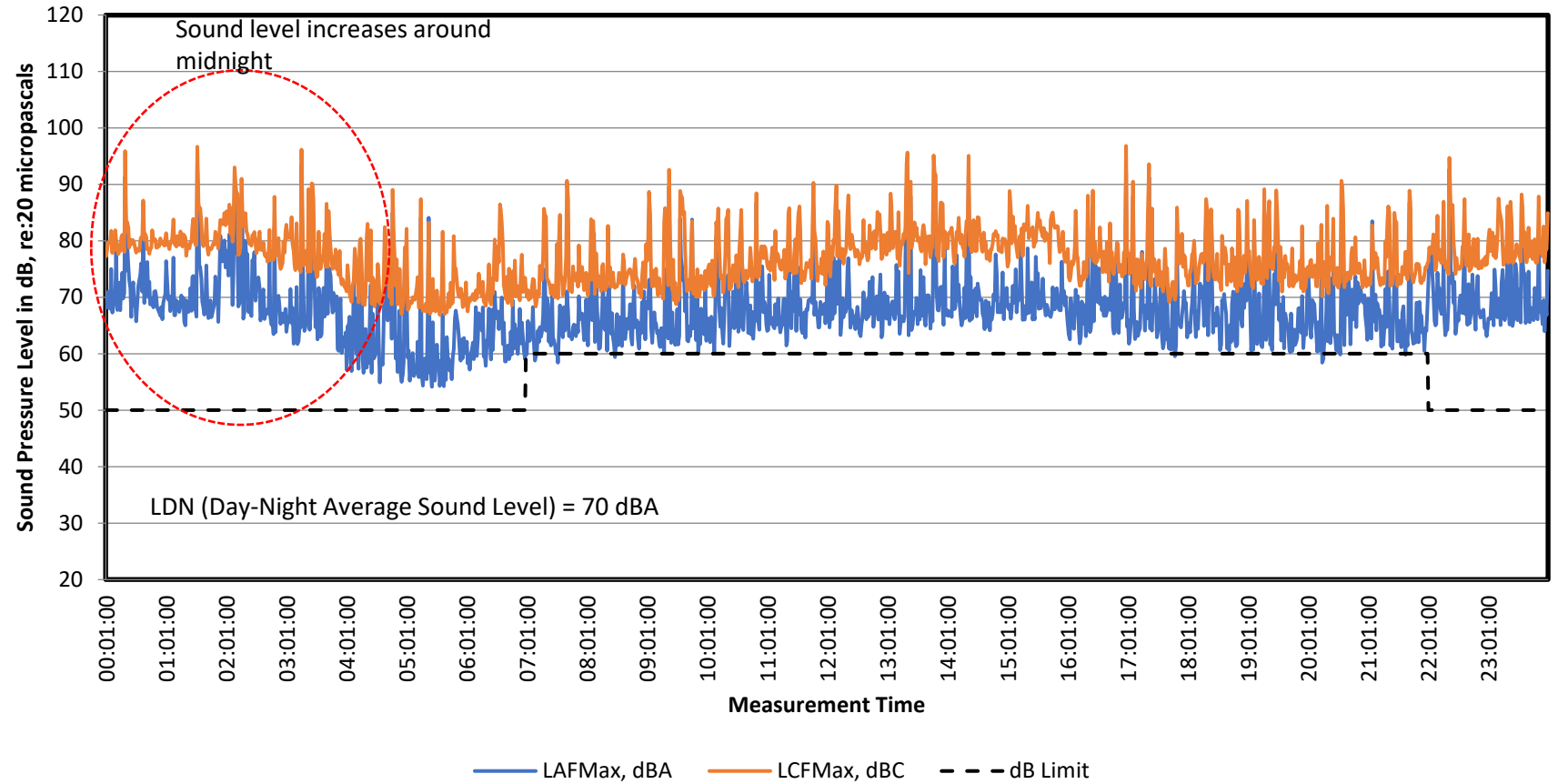
City of Fort Lauderdale Soundscape Study
Location : Esplanade Park
Friday February 17, 2023



Across from Esplanade

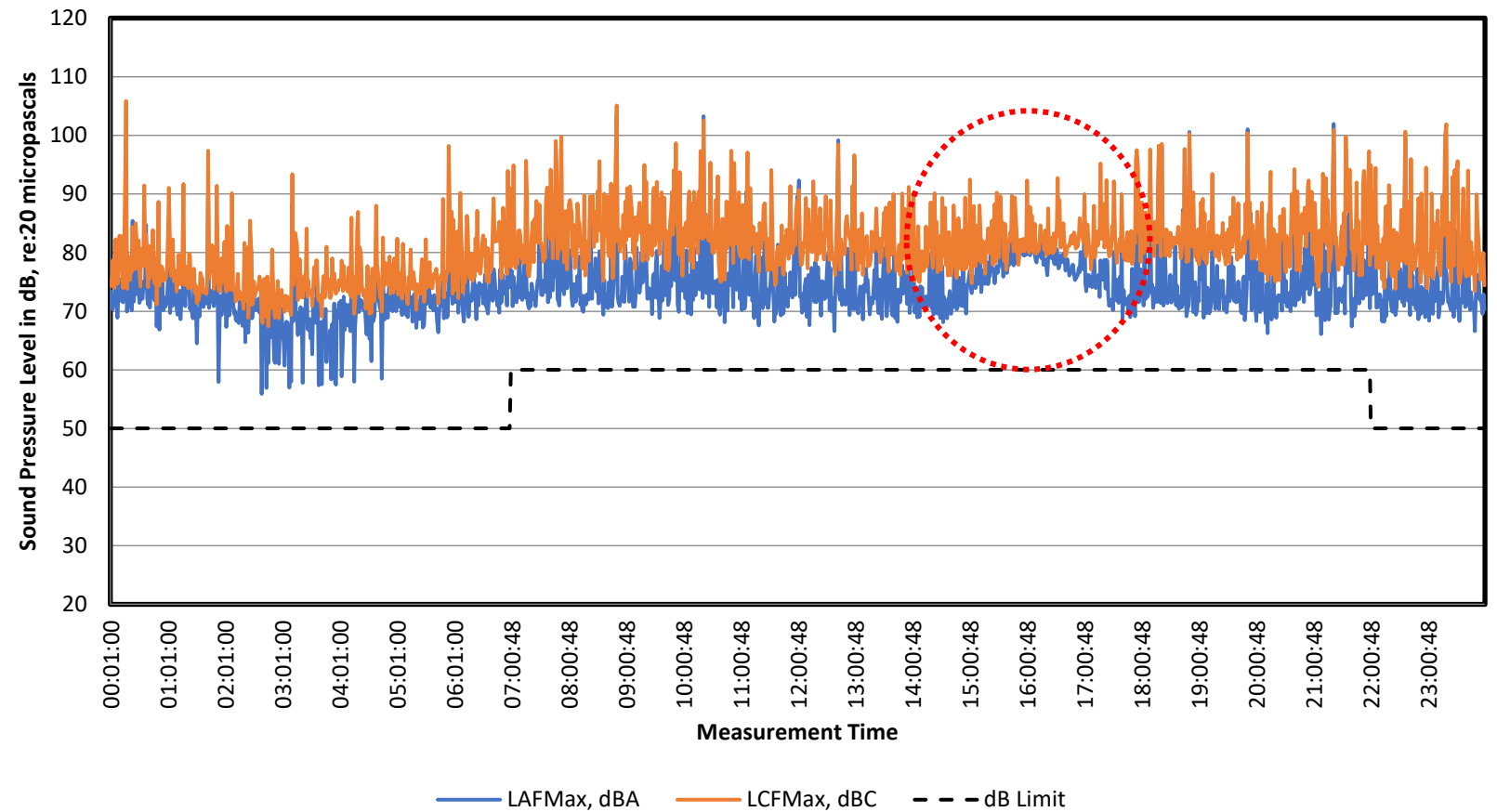


Fort Lauderdale Soundscape Study
Svantek 282 Purple
Esplanade
Saturday - April 22 to April 23, 2023



Bo's on the Beach

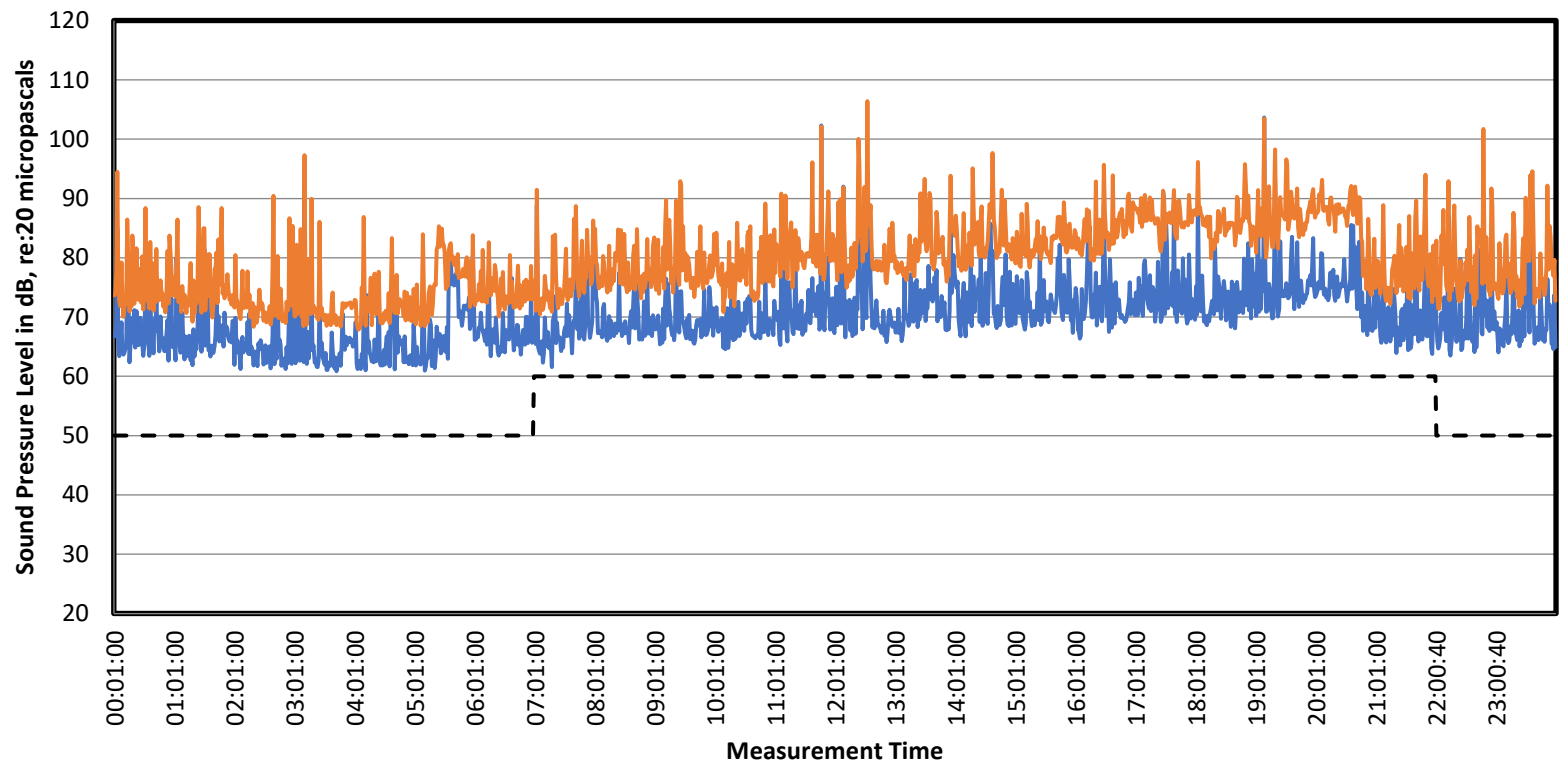
Fort Lauderdale Sounscape Study
Svantek 204 Red
In median by Bo's on the beach
Friday - February 17 to February 18, 2023



Illni Building Balcony



Fort Lauderdale Soundscape Study
Svantek 205 Green L184
Illni Building
Saturday - April 22 to April 23, 2023

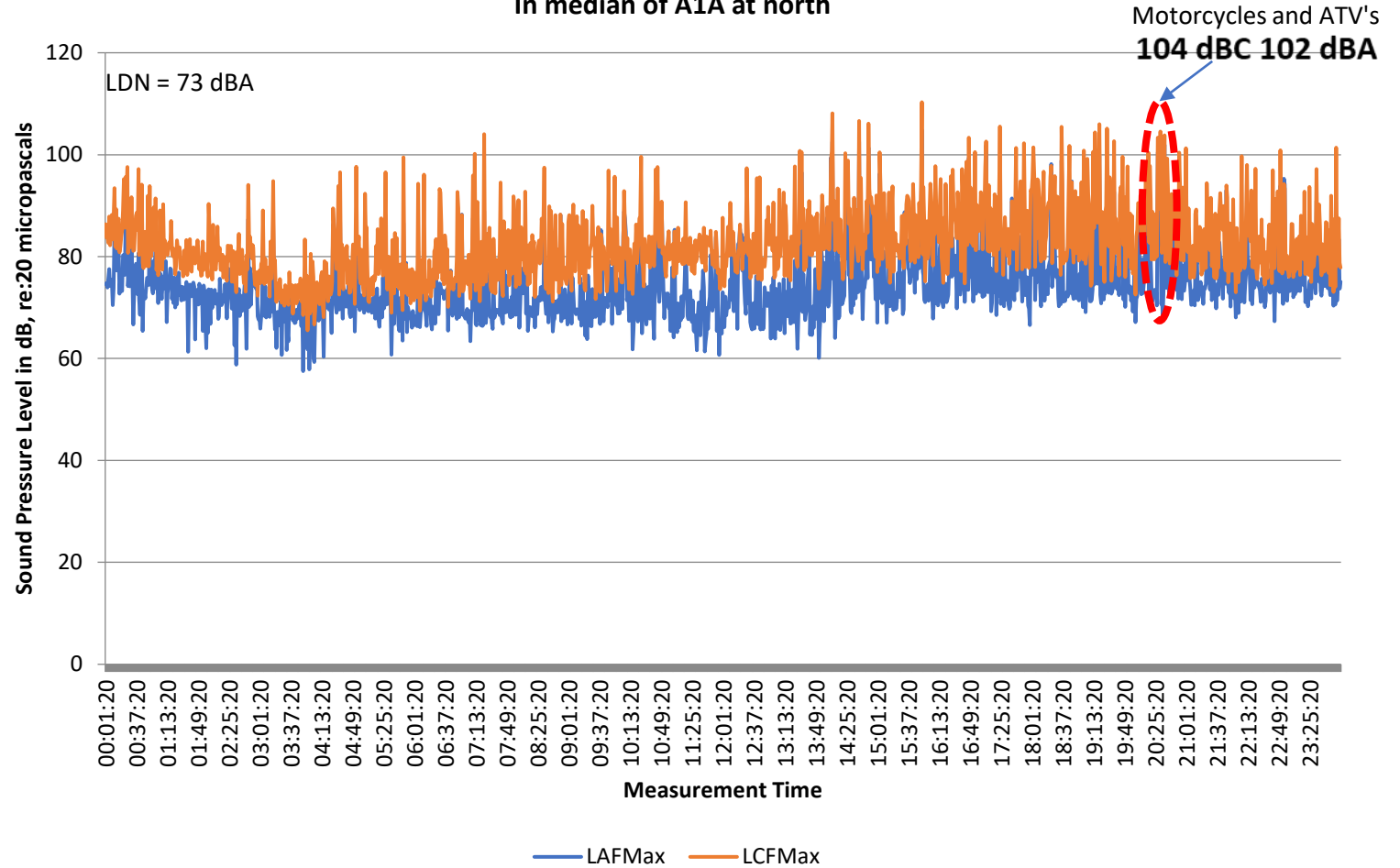


— LAFMax, dBA — LCFMax, dBC - - - dB Limit

The Beach A1A



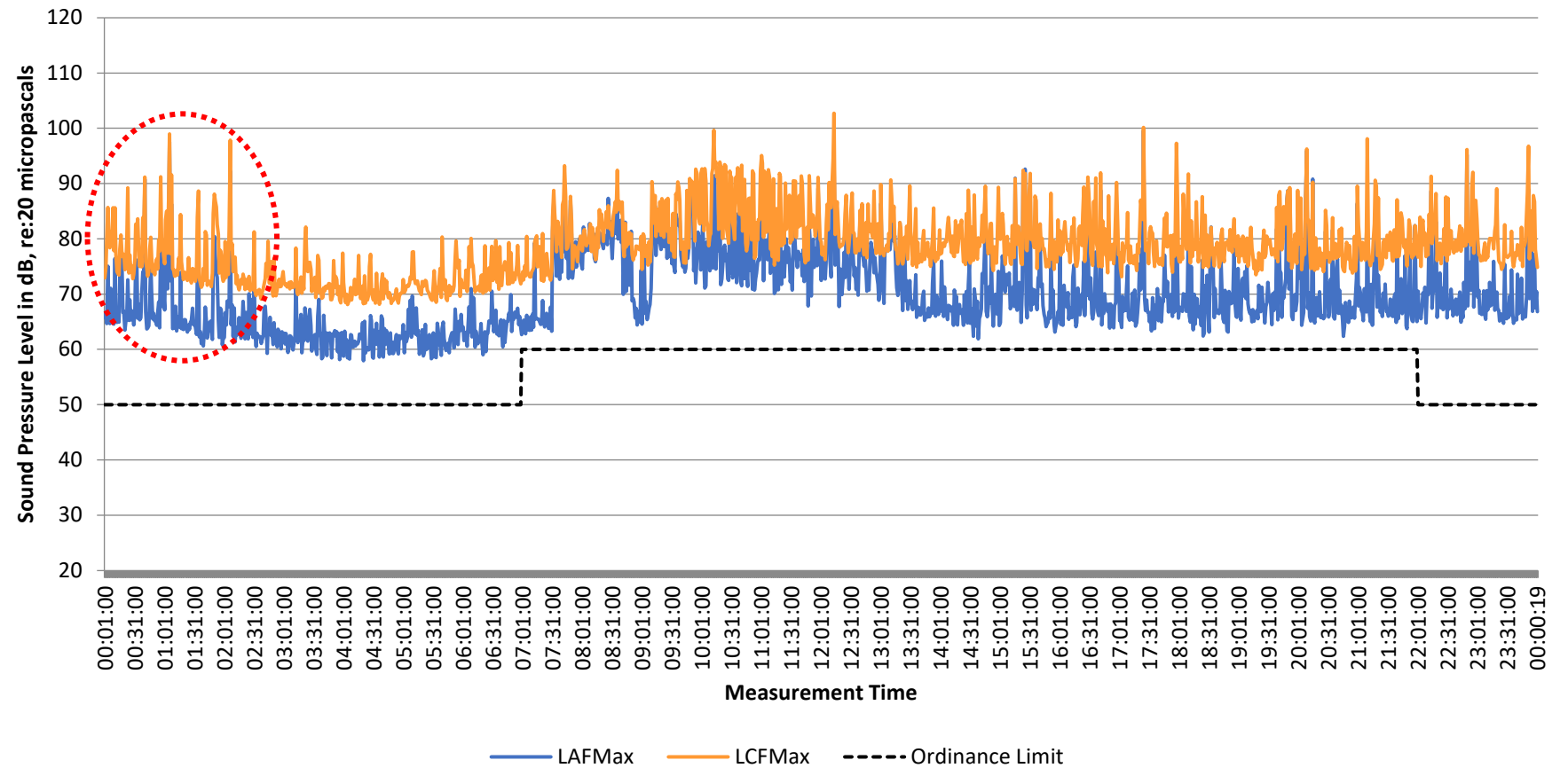
Fort Lauderdale Soundscape Study
SVANTEK 205 Green L156 (02/19/2023)
In median of A1A at north



Water Garden 26th Floor



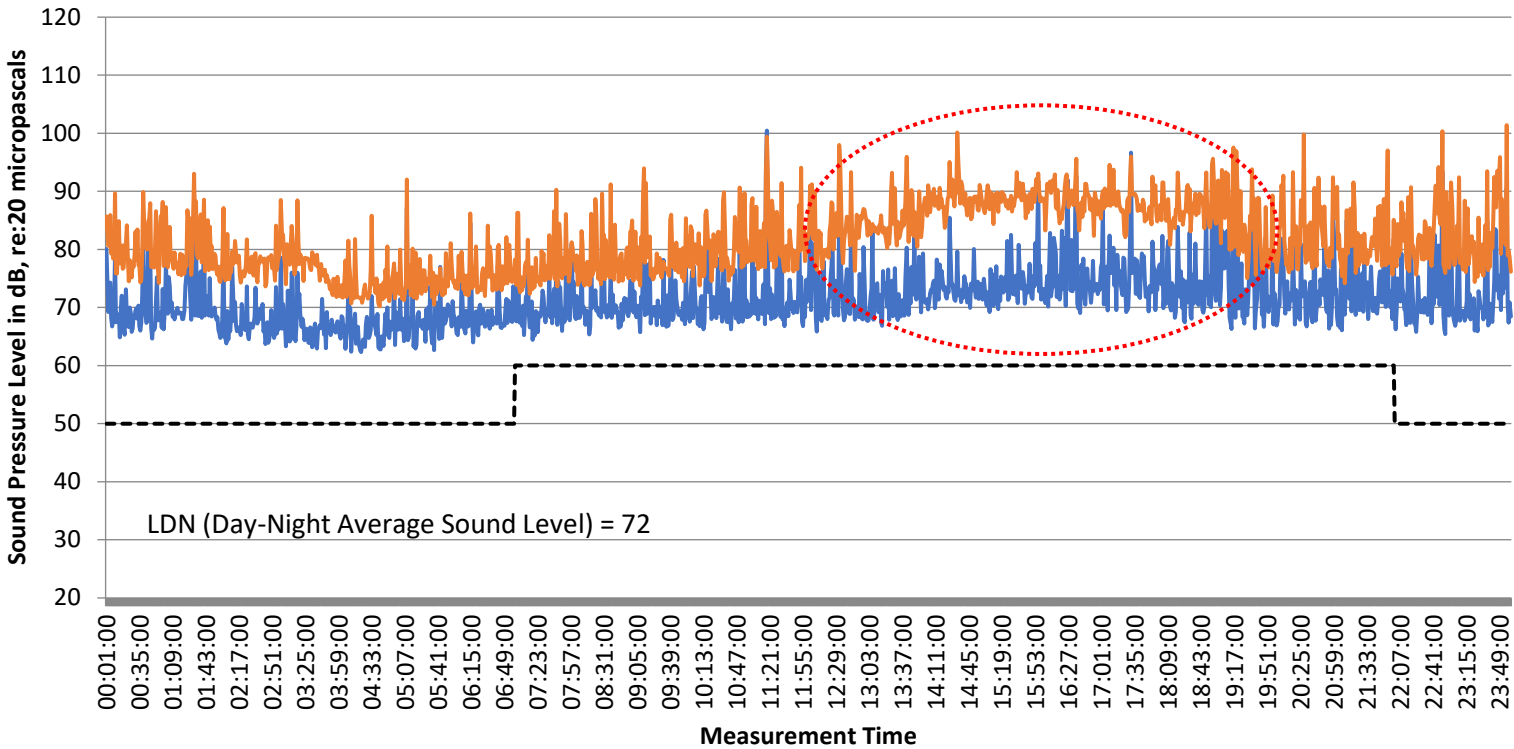
Fort Lauderdale Sounscape Study
SVANTEK 284 Orange L18 Saturday (04/22/2023)
Water Garden Unit 2608



Jackson Tower Balcony



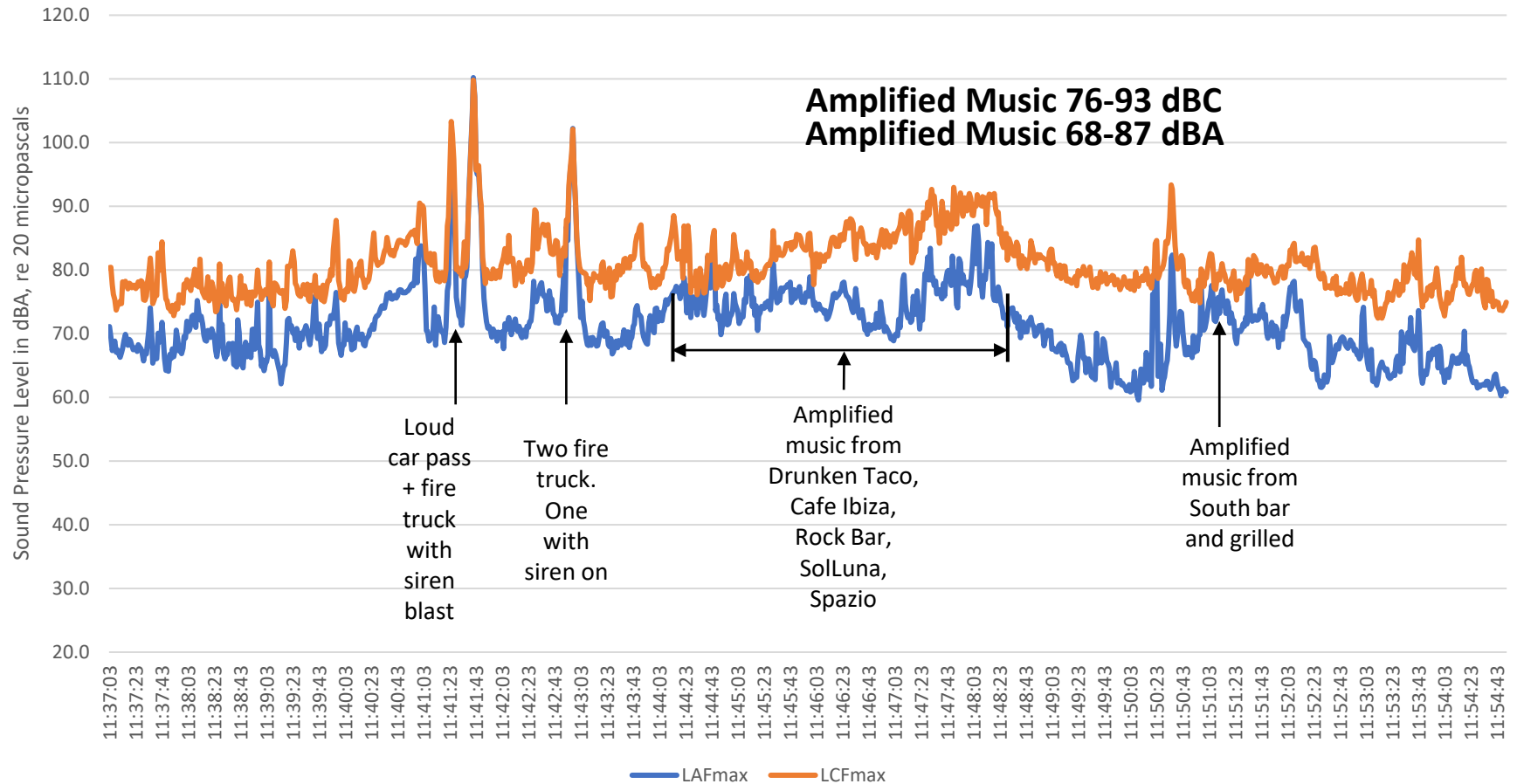
Fort Lauderdale Sounscape Study
SVANTEK 204 Red L180 Saturday (4/22/2023)
Jackson tower - On service Balcony



Beaches Soundwalk

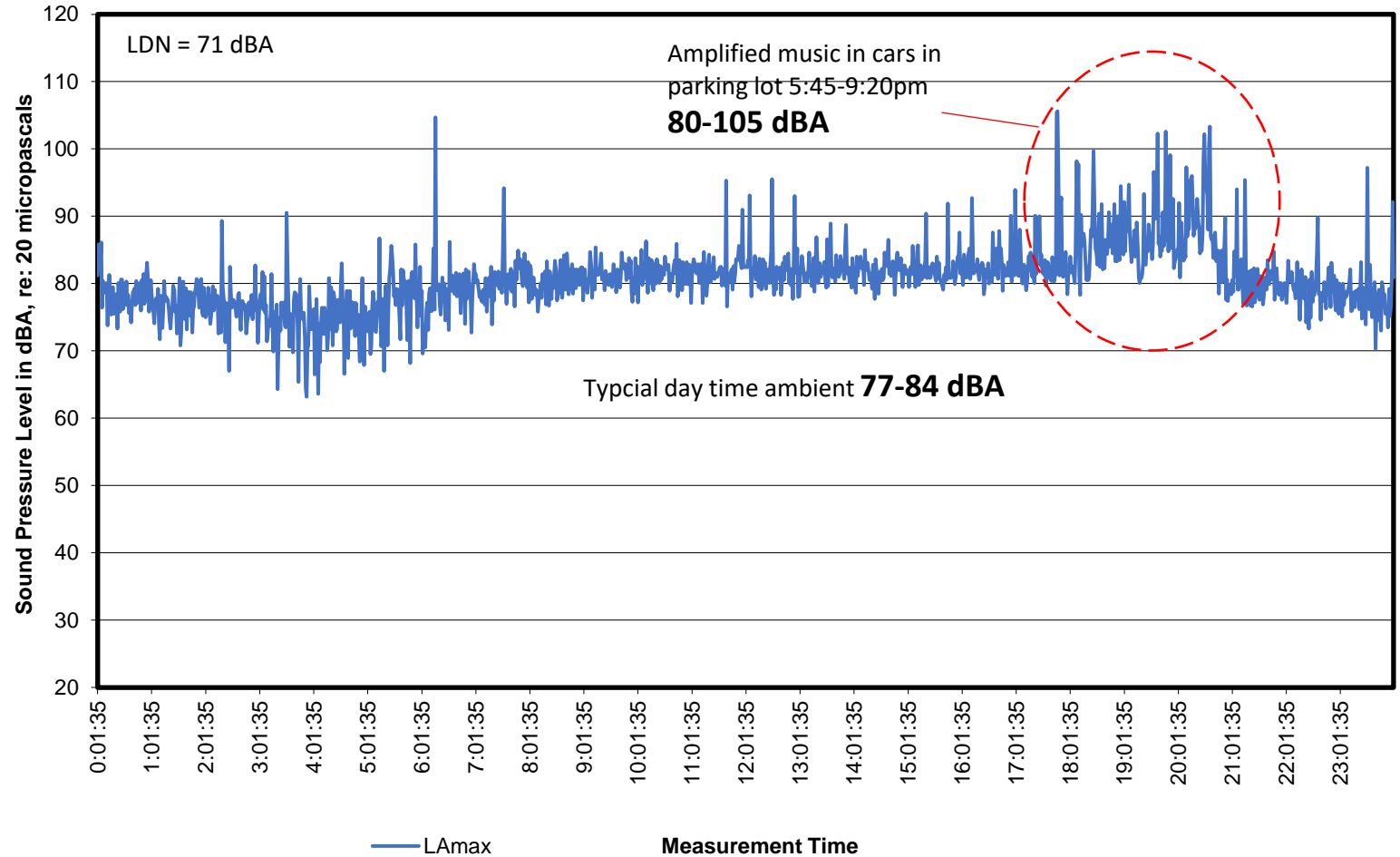


Daytime Beaches Soundwalk between A1A and Seabreeze
 LD 3-20
 Friday 2/17/2023 11:37am



Smitty's

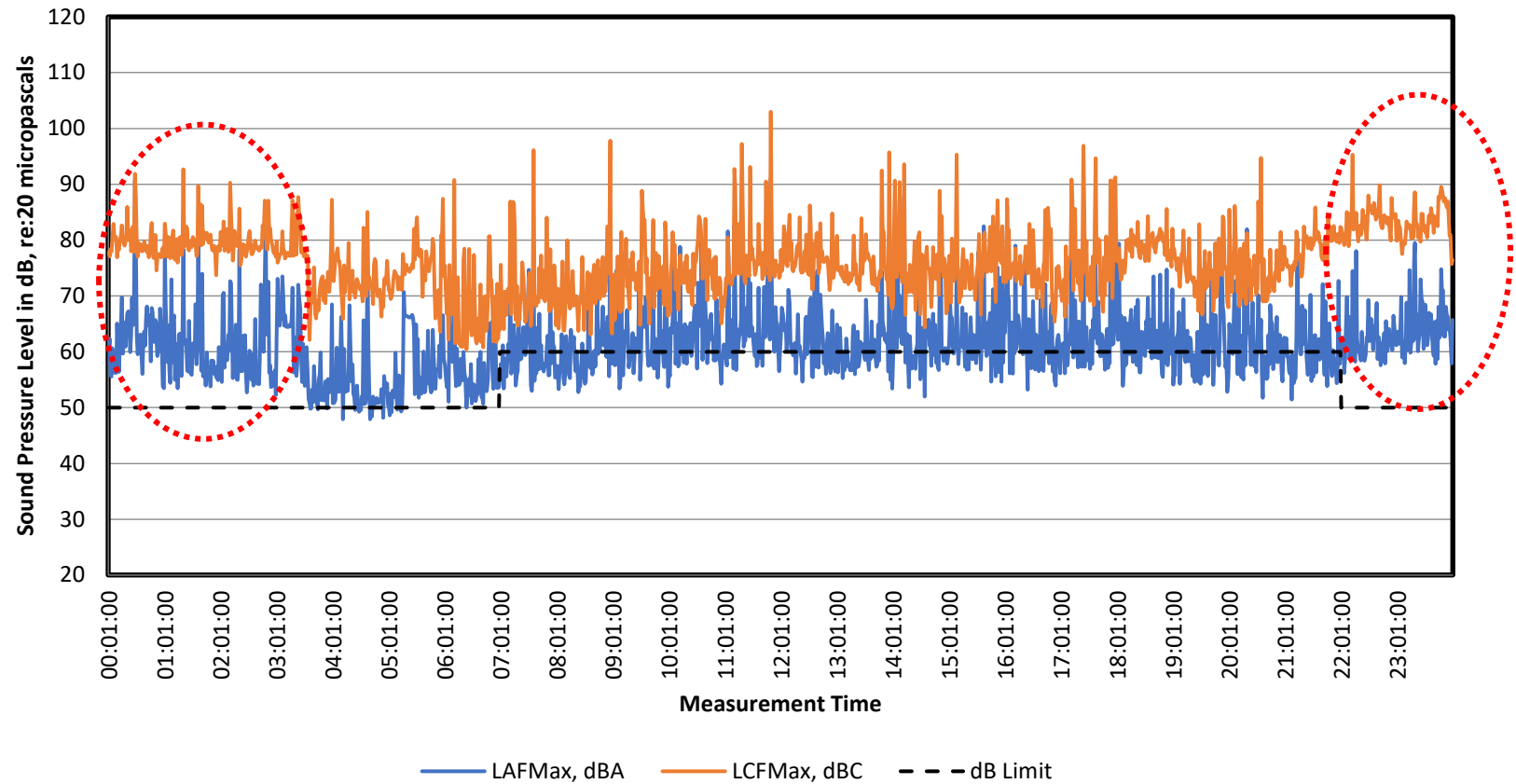
City of Fort Lauderdale Soundscape Study Location : Smitty's Wings Sunday April 23, 2023



Bamboo Flats



Fort Lauderdale Soundscape Study
Svantek 291 Pink
Bamboo flats
Saturday - April 22 to April 23, 2023



Truth Lounge

Behind in residential area



Truth Lounge
Behind Truth Lounge in Residential Area
LD2-25
Friday 2/17/23 11:54pm

