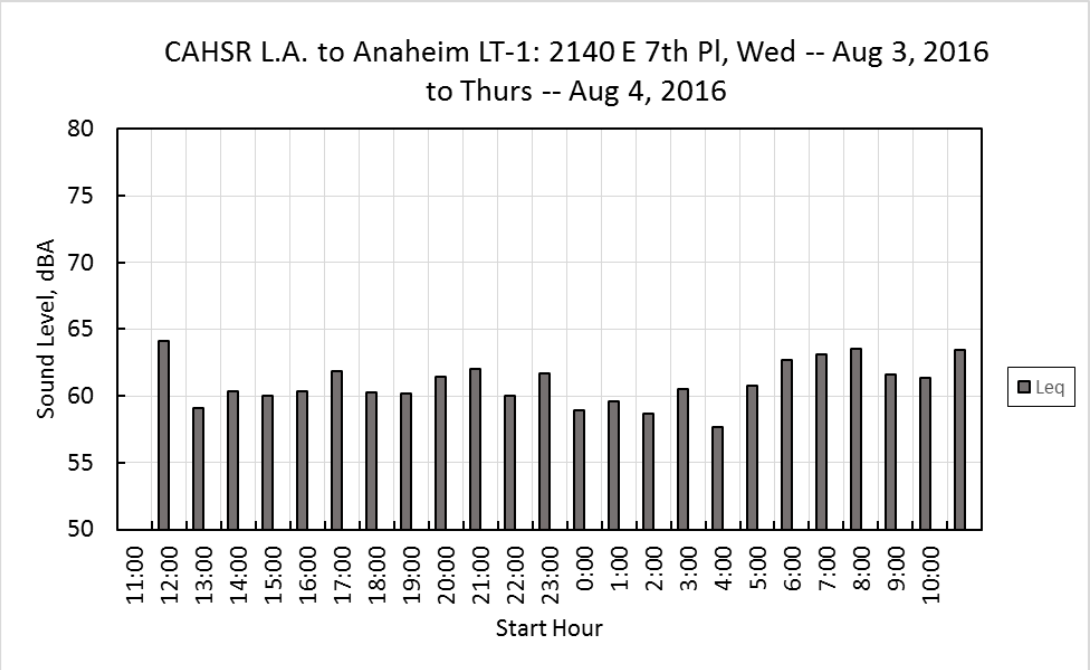
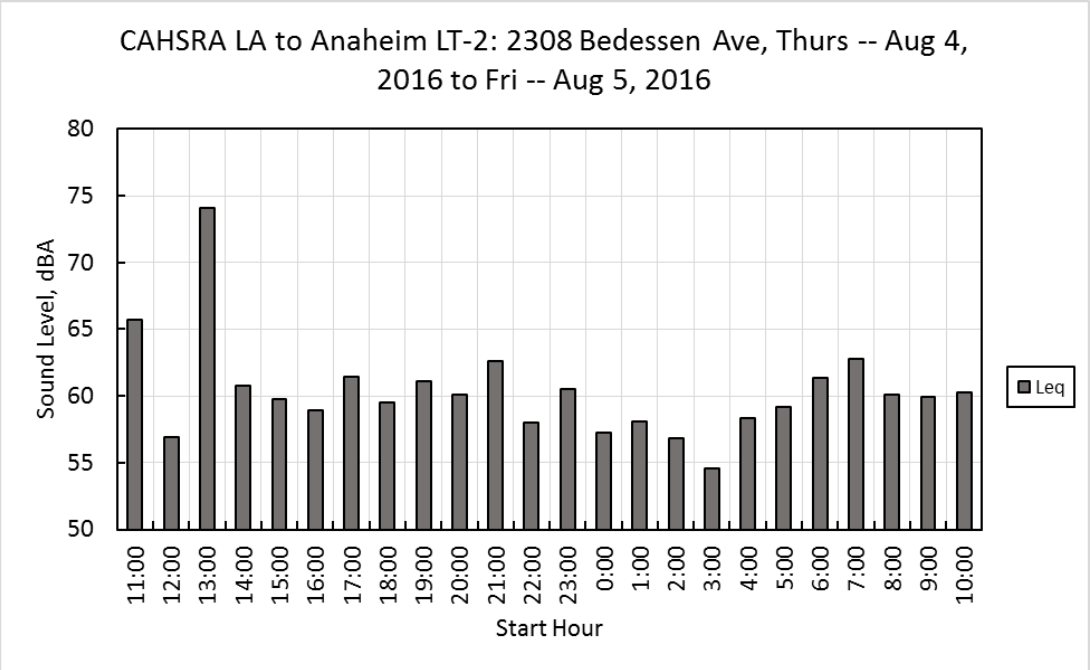
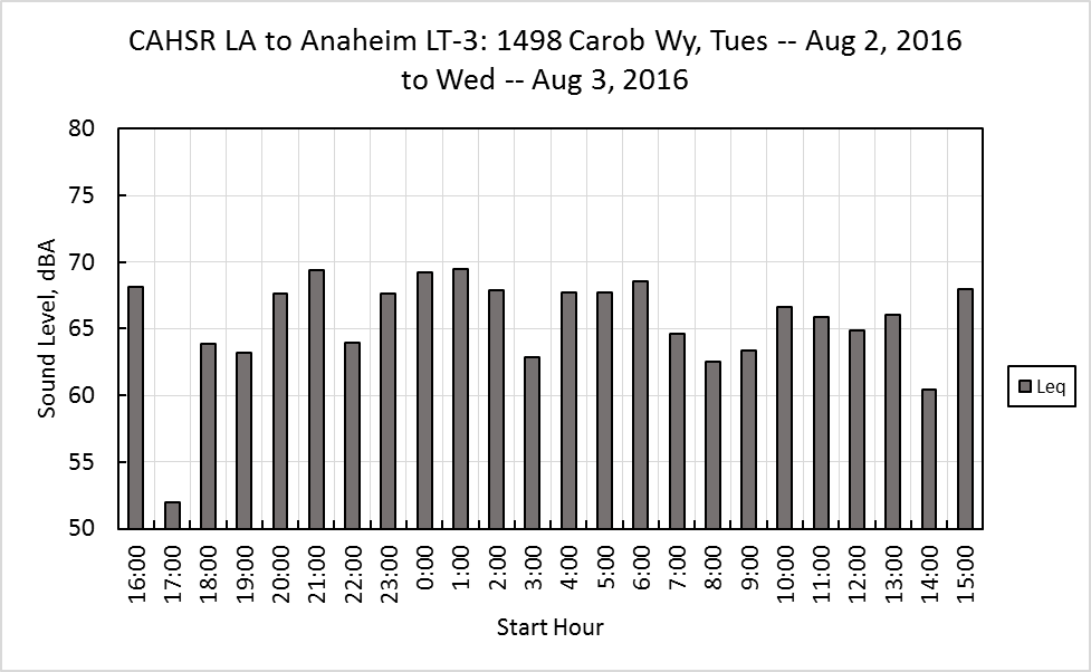
APPENDIX D: FIELD NOISE MEASUREMENT DOCUMENTATION AND DETAIL



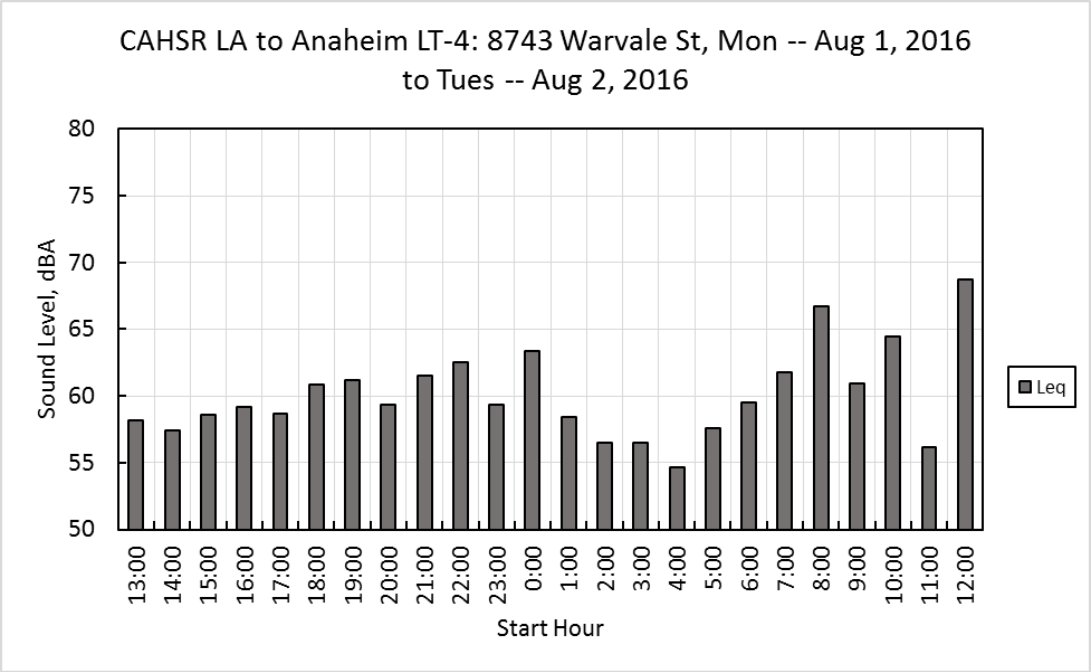
Long-Term Measurement Data – Site LT-1



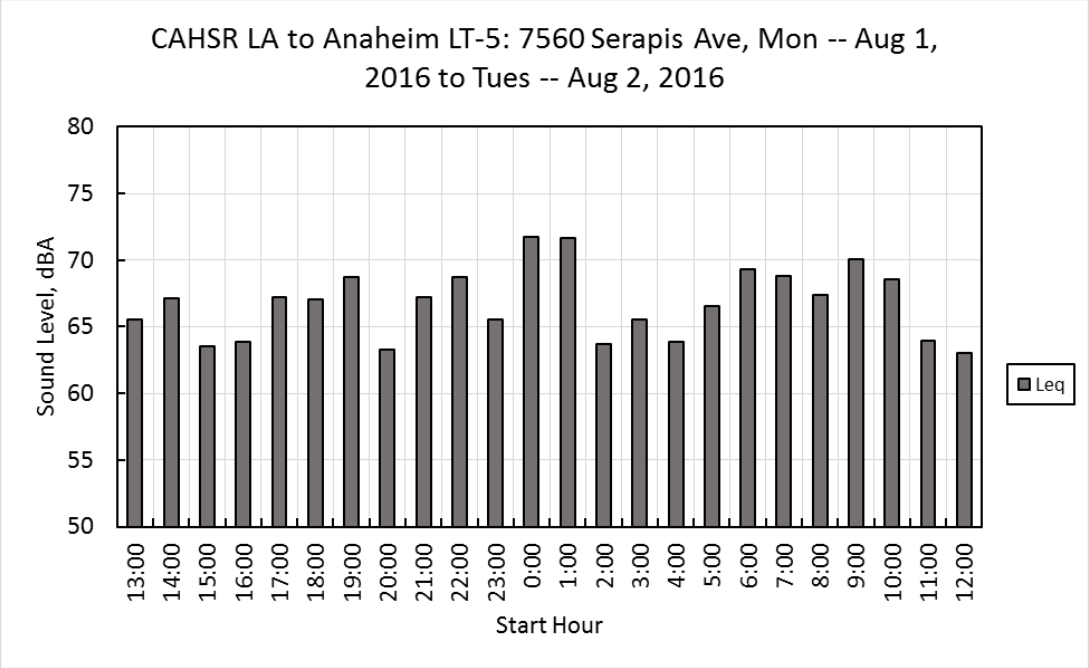
Long-Term Measurement Data – Site LT-2



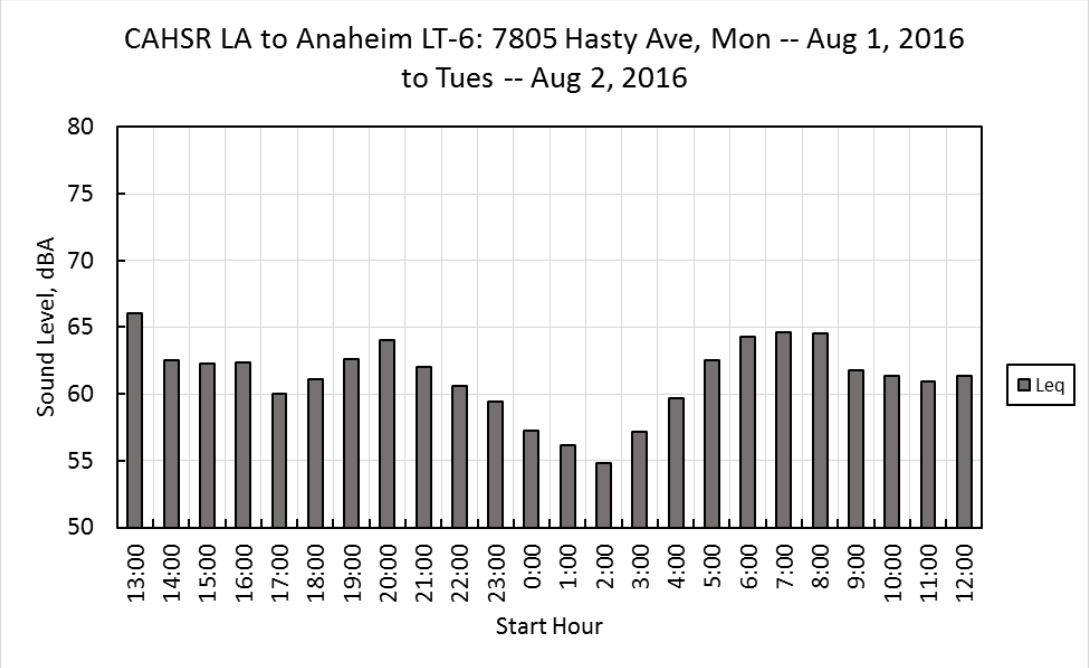
Long-Term Measurement Data – Site LT-3



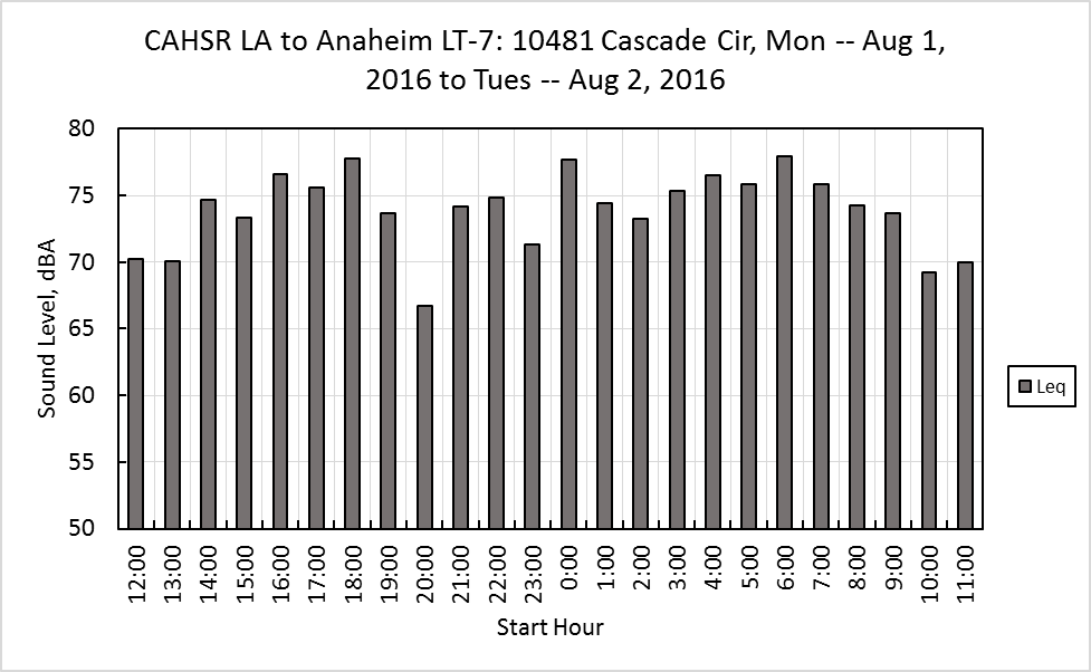
Long-Term Measurement Data – Site LT-4



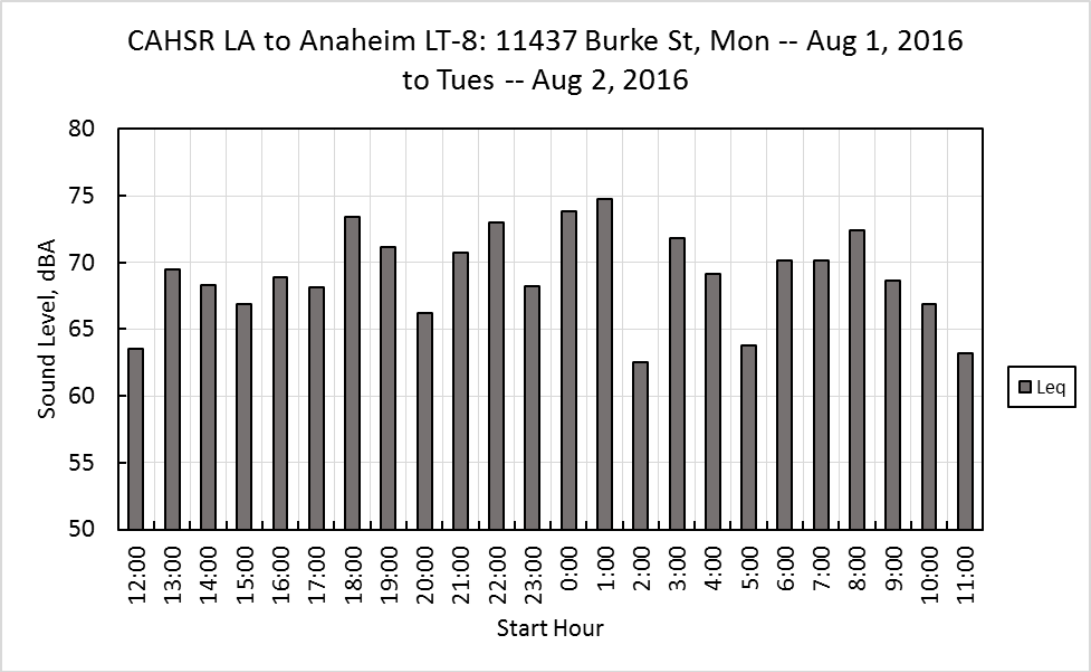
Long-Term Measurement Data – Site LT-5



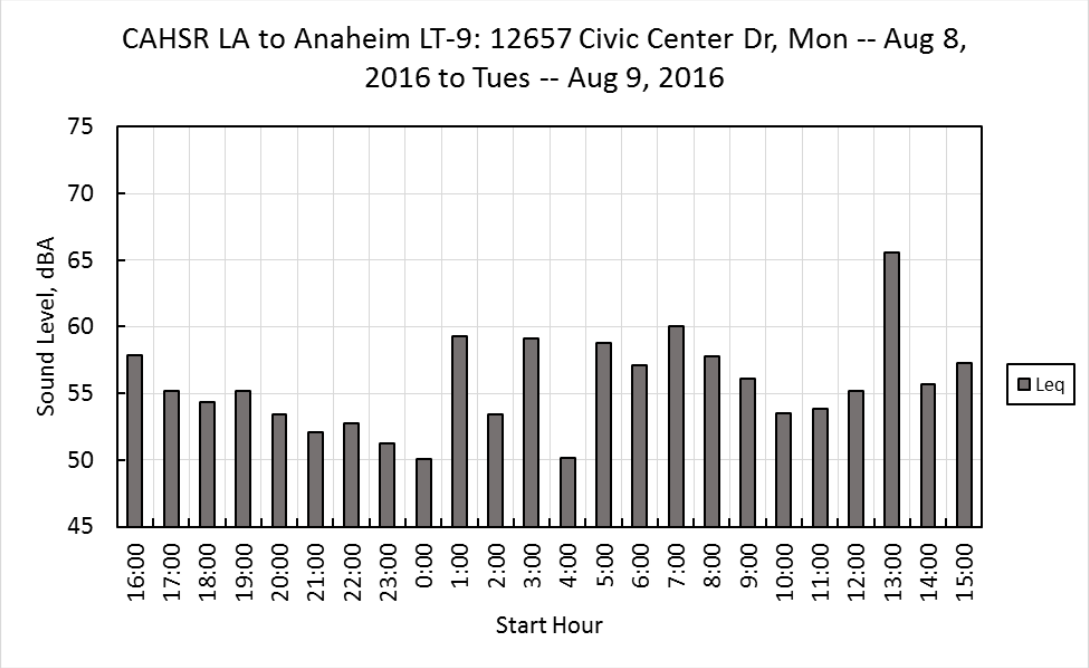
Long-Term Measurement Data – Site LT-6



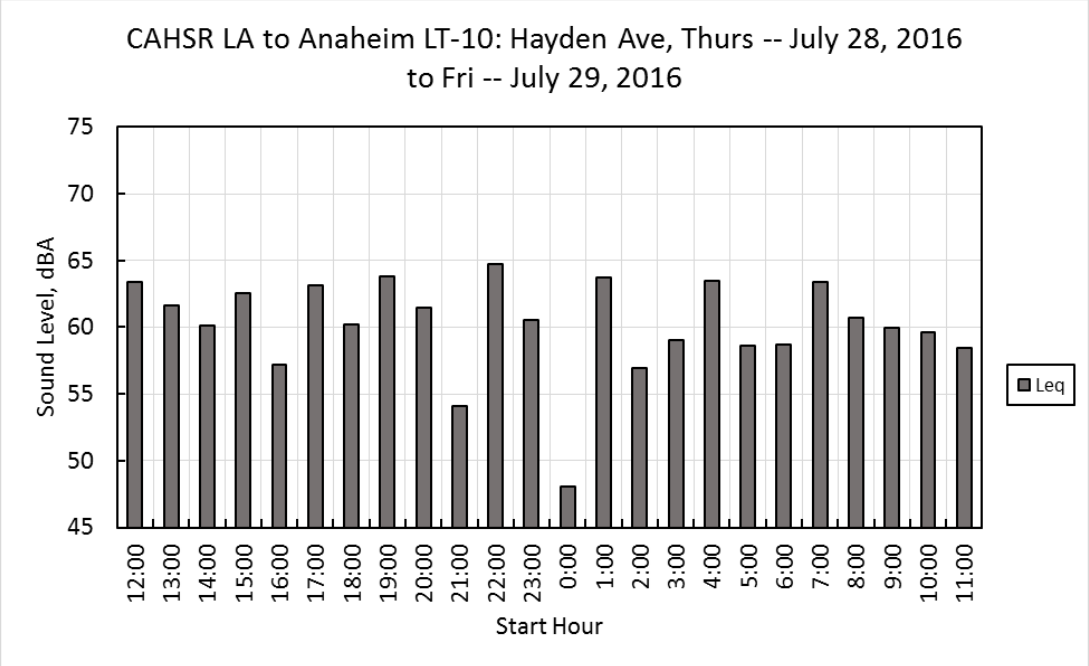
Long-Term Measurement Data – Site LT-7



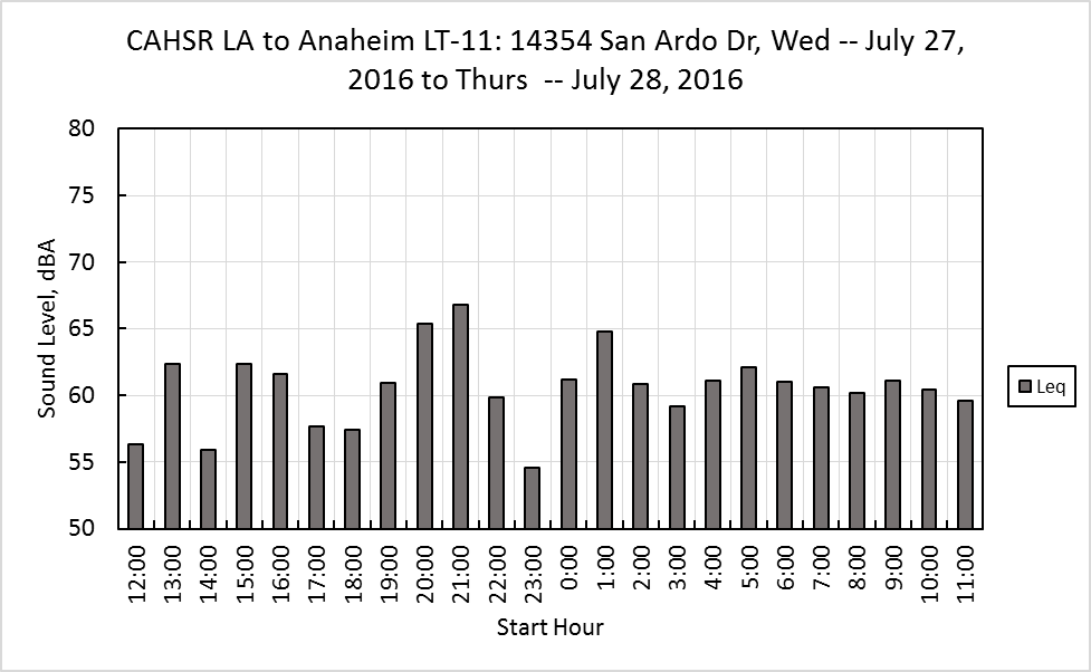
Long-Term Measurement Data – Site LT-8



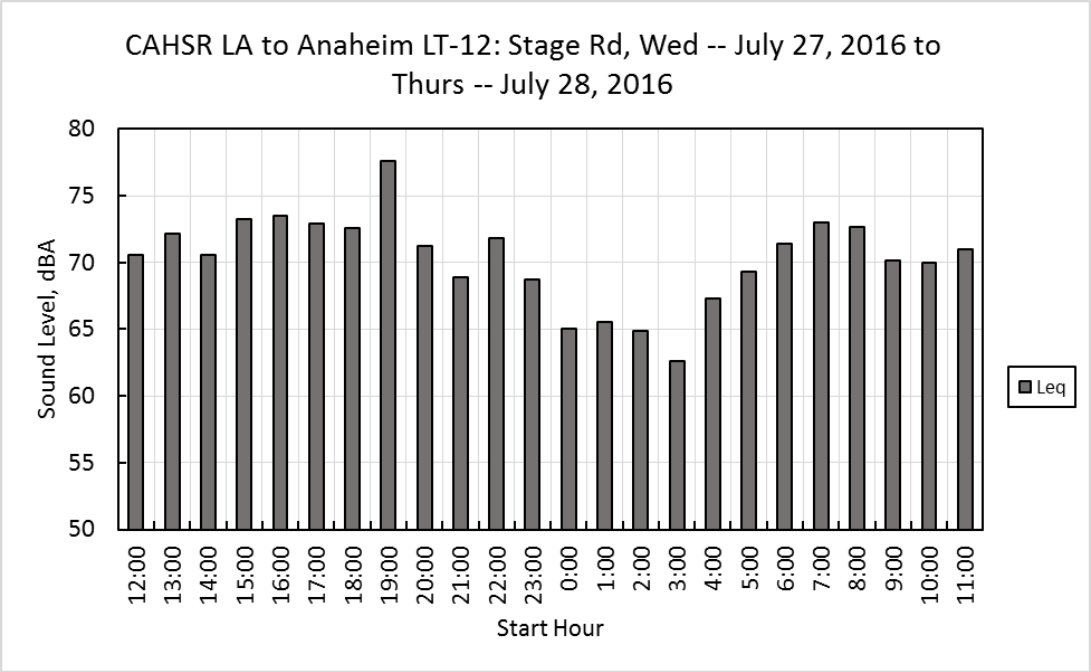
Long-Term Measurement Data – Site LT-9



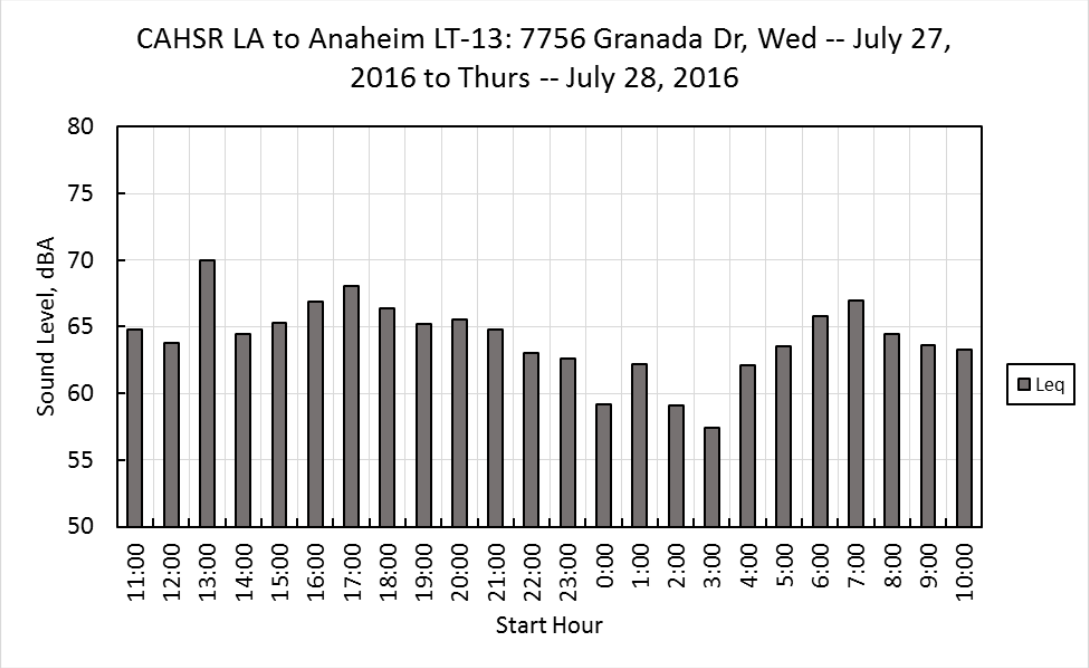
Long-Term Measurement Data – Site LT-10



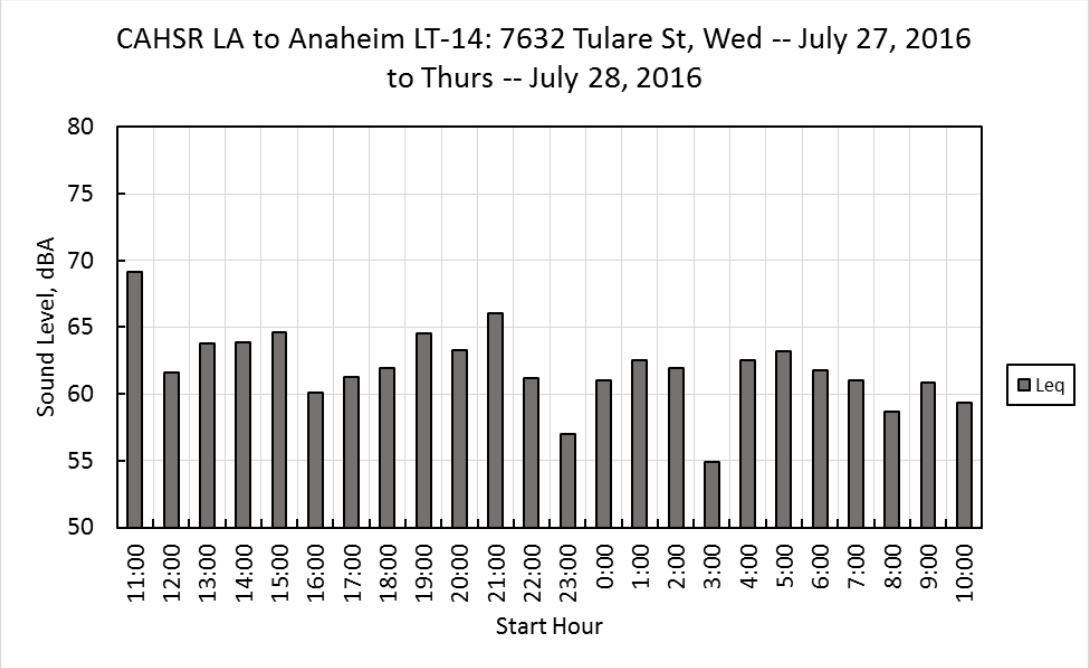
Long-Term Measurement Data – Site LT-11



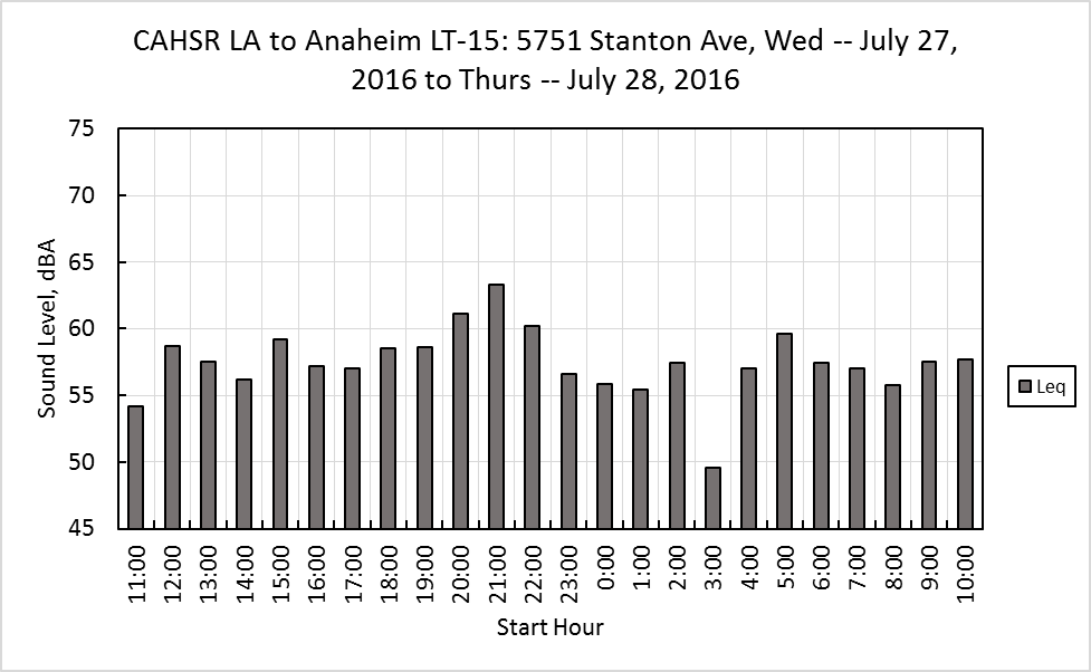
Long-Term Measurement Data – Site LT-12



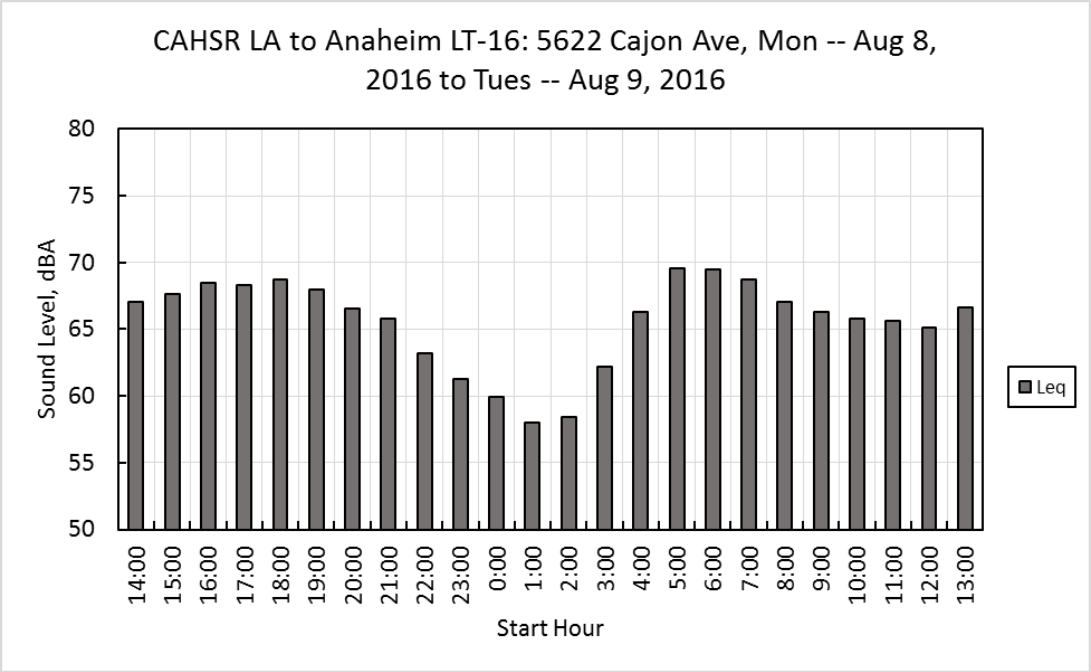
Long-Term Measurement Site – Site LT-13



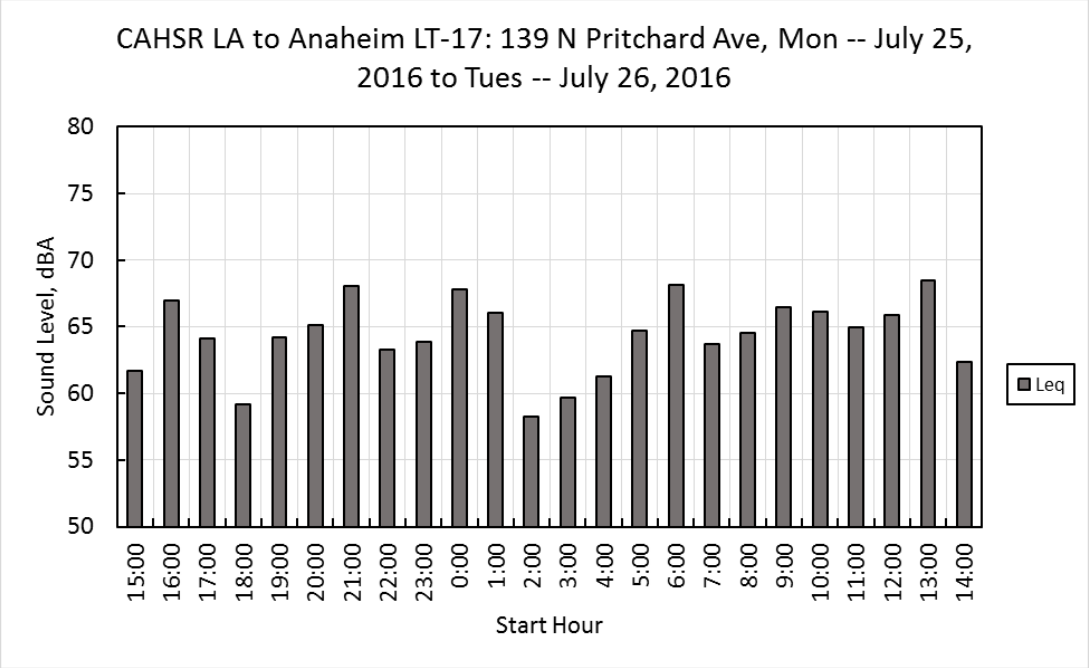
Long-Term Measurement Site – Site LT-14



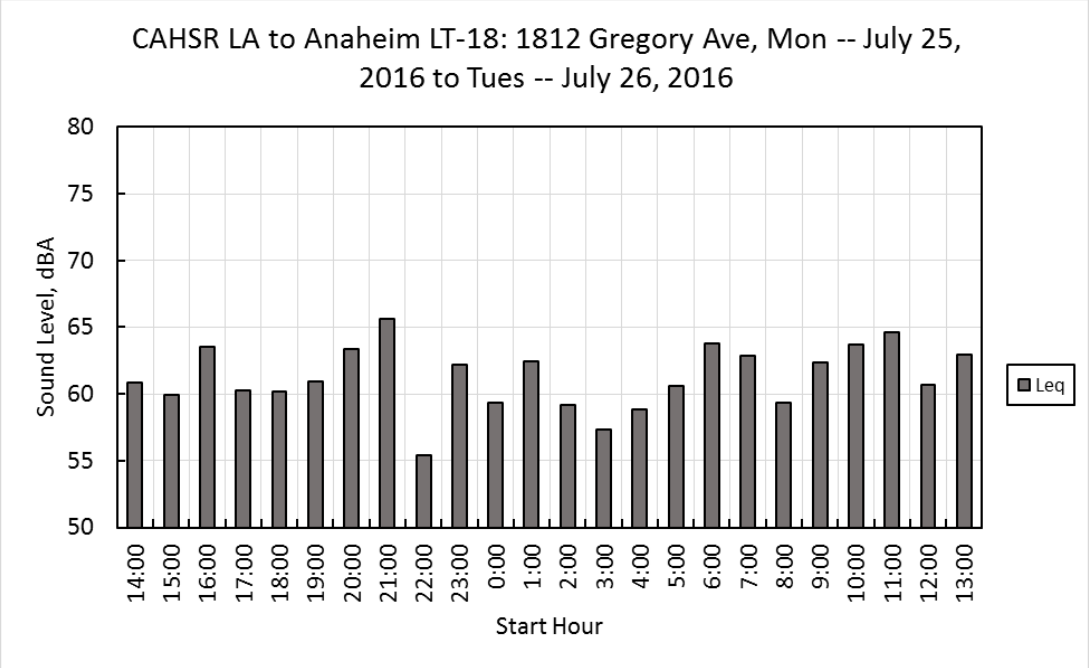
Long-Term Measurement Data – Site LT-15



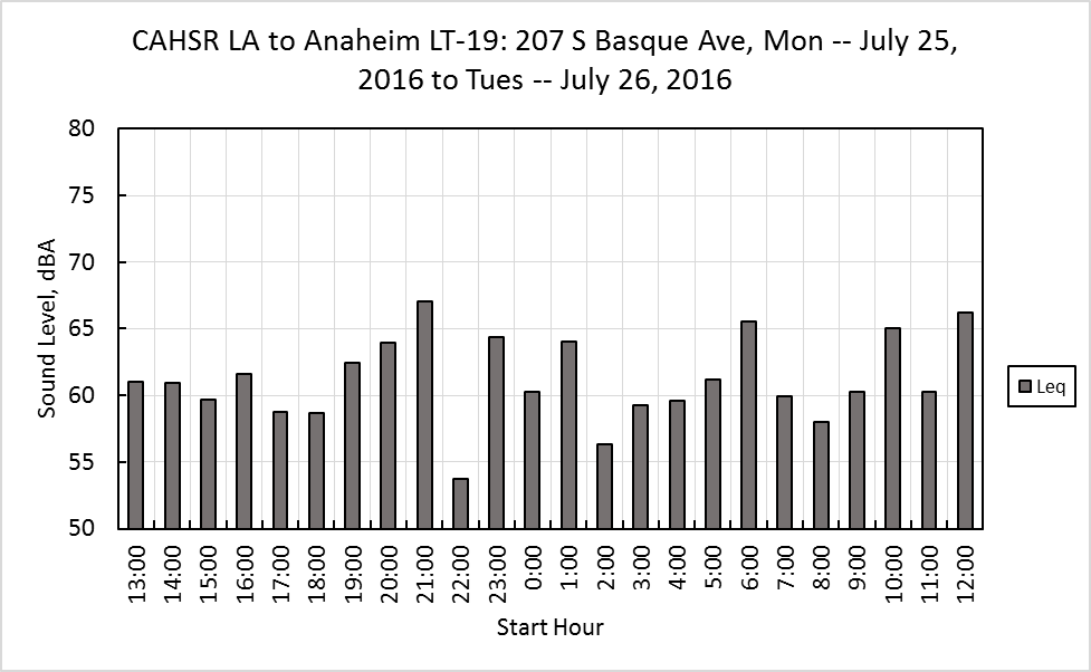
Long-Term Measurement Data – Site LT-16



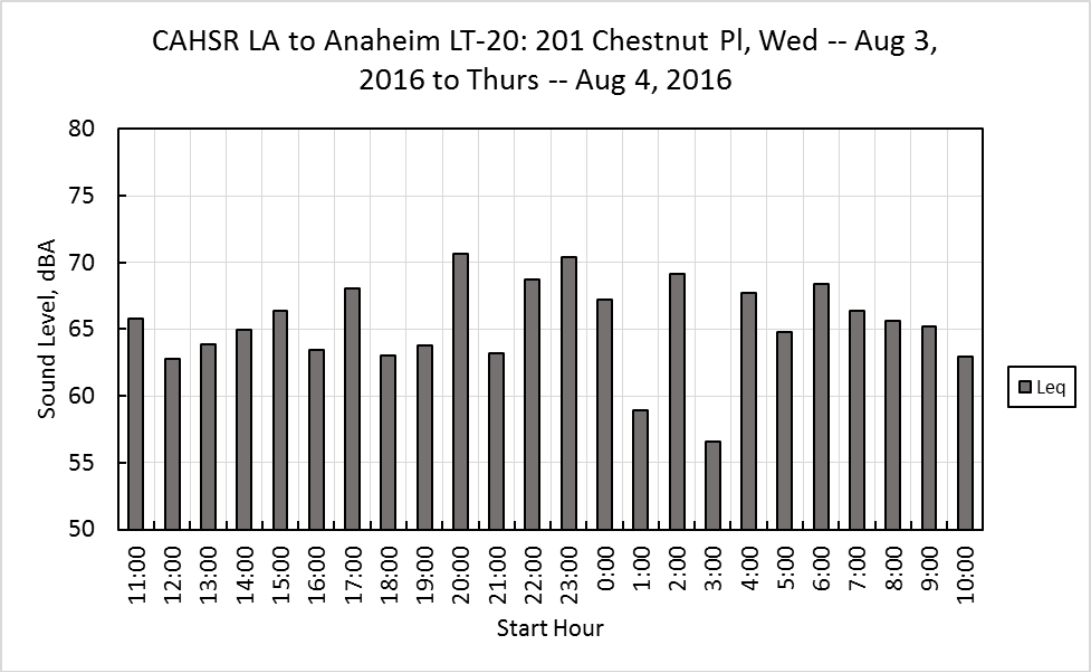
Long-Term Measurement Data – Site LT-17



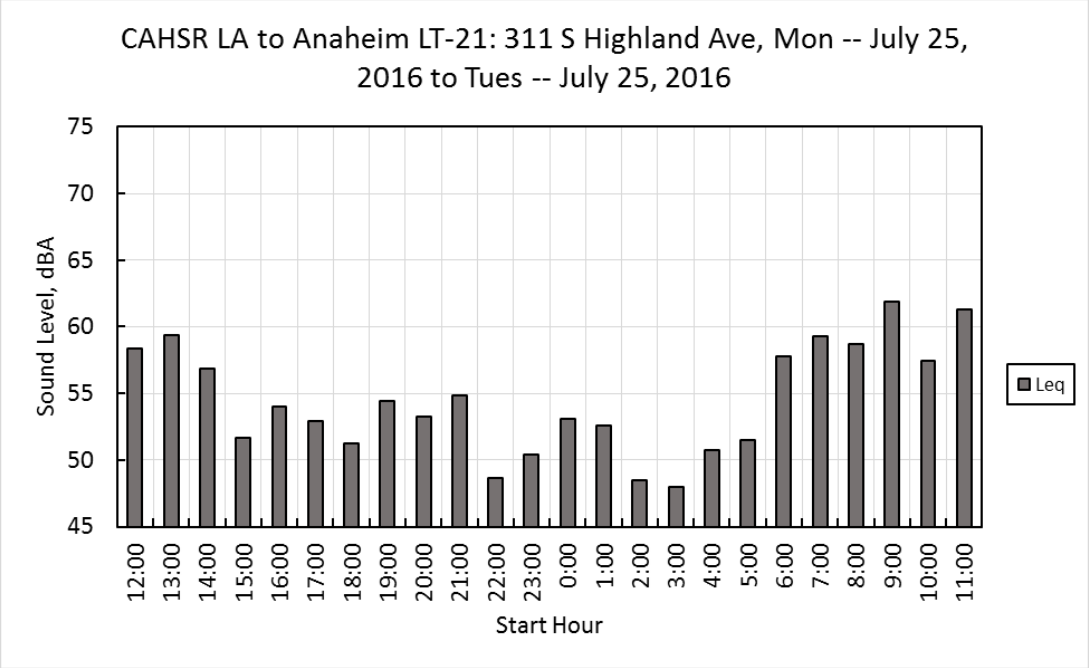
Long-Term Measurement Data – Site LT-18



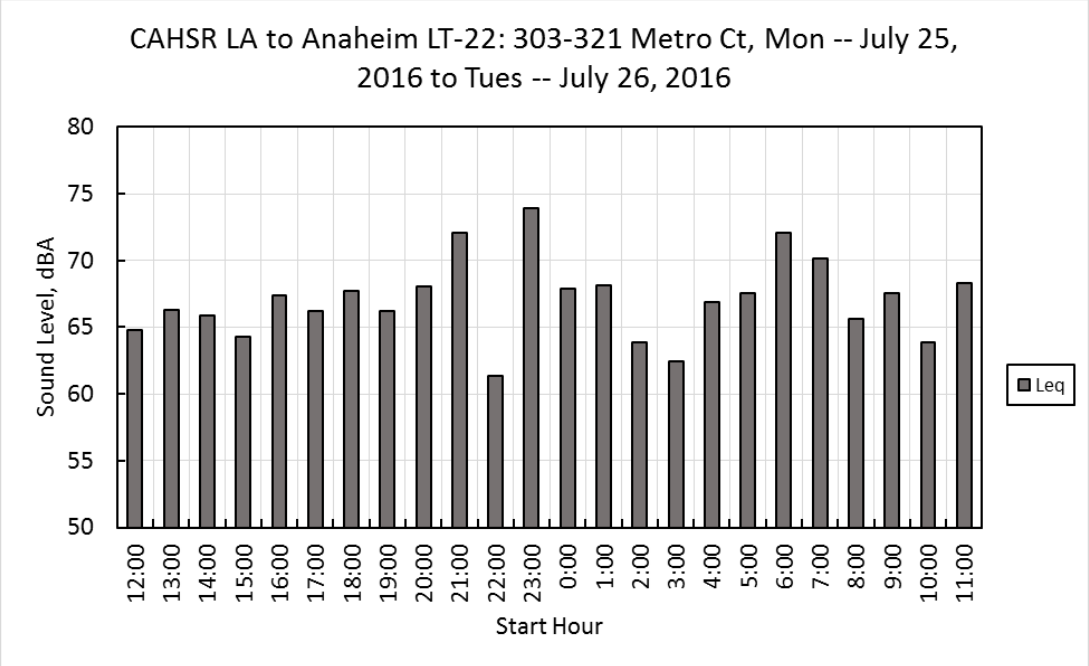
Long-Term Measurement Data – Site LT-19



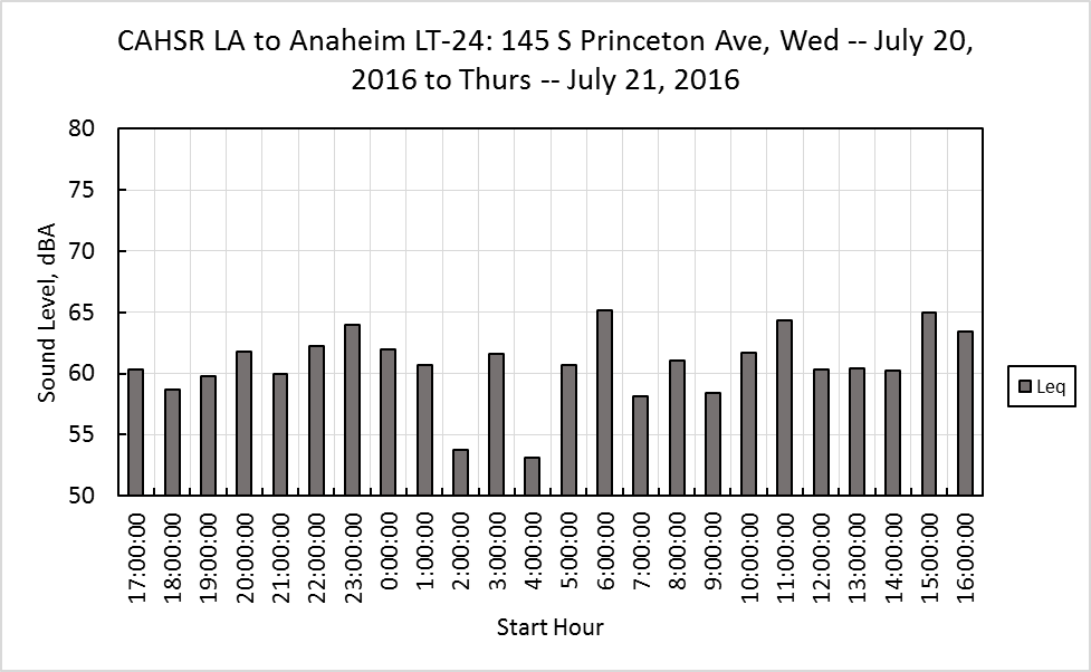
Long-Term Measurement Data – Site LT-20



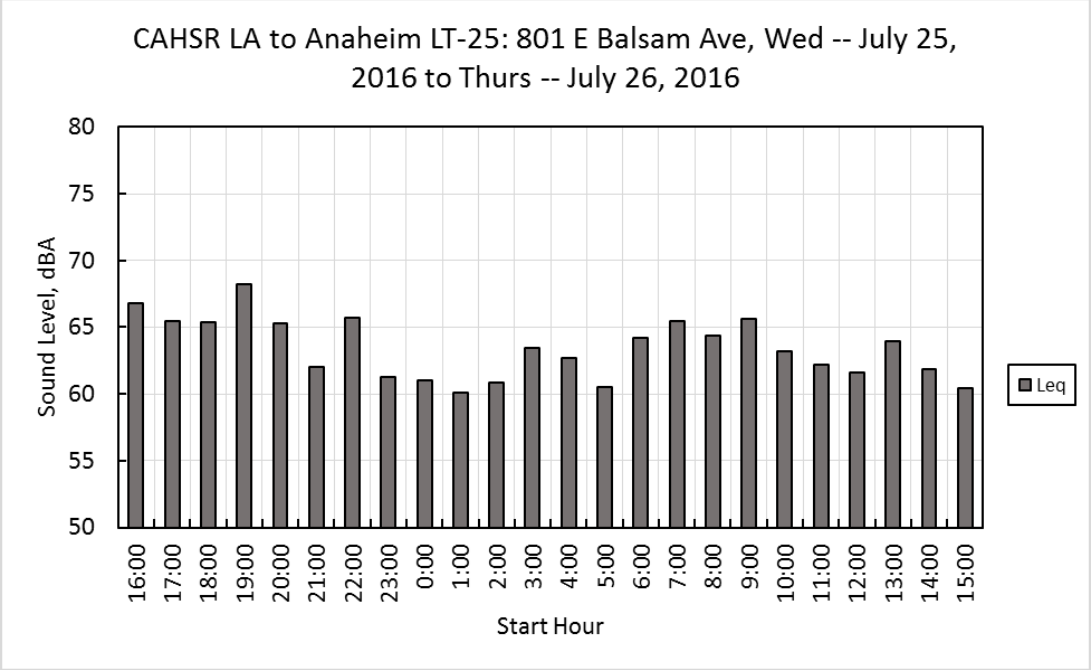
Long-Term Measurement Data – Site LT-21



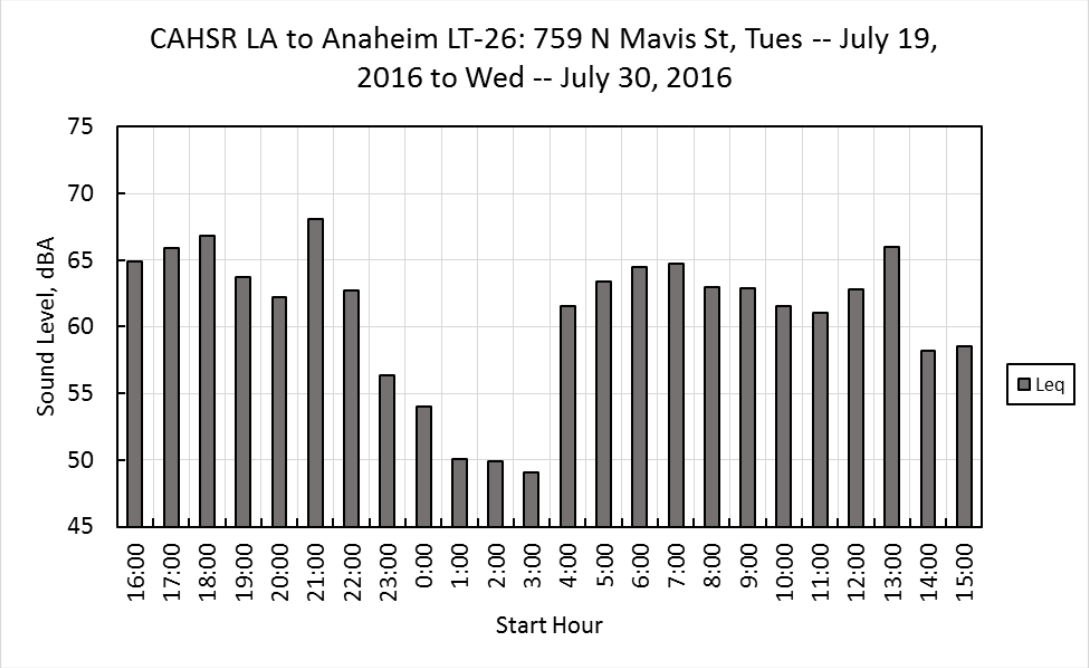
Long-Term Measurement Data – Site LT-22



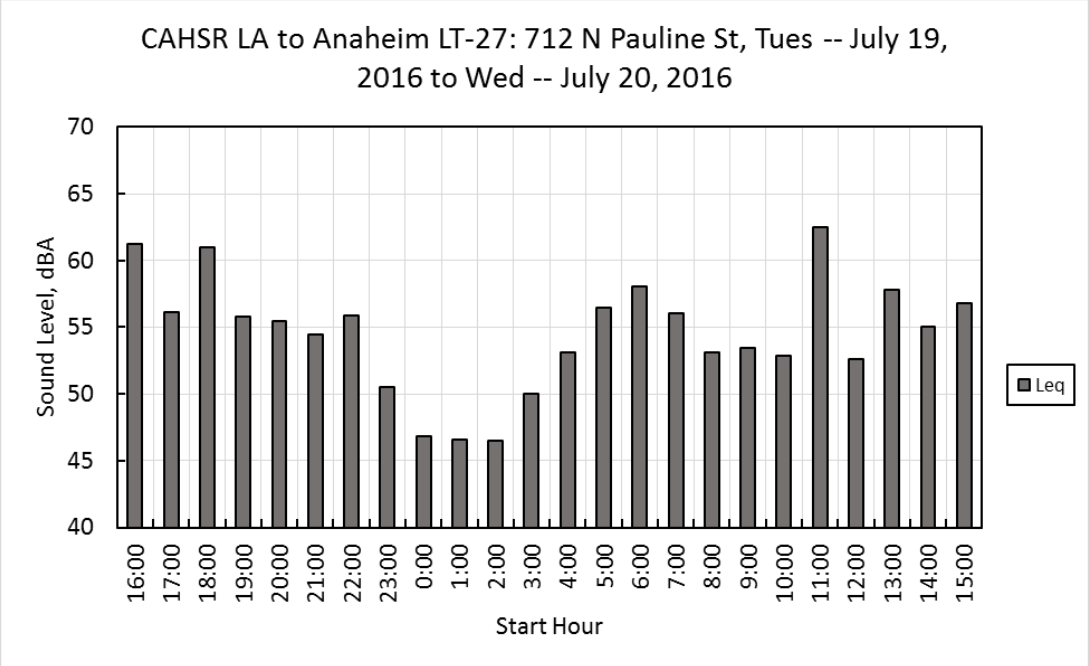
Long-Term Measurement Data – Site LT-24



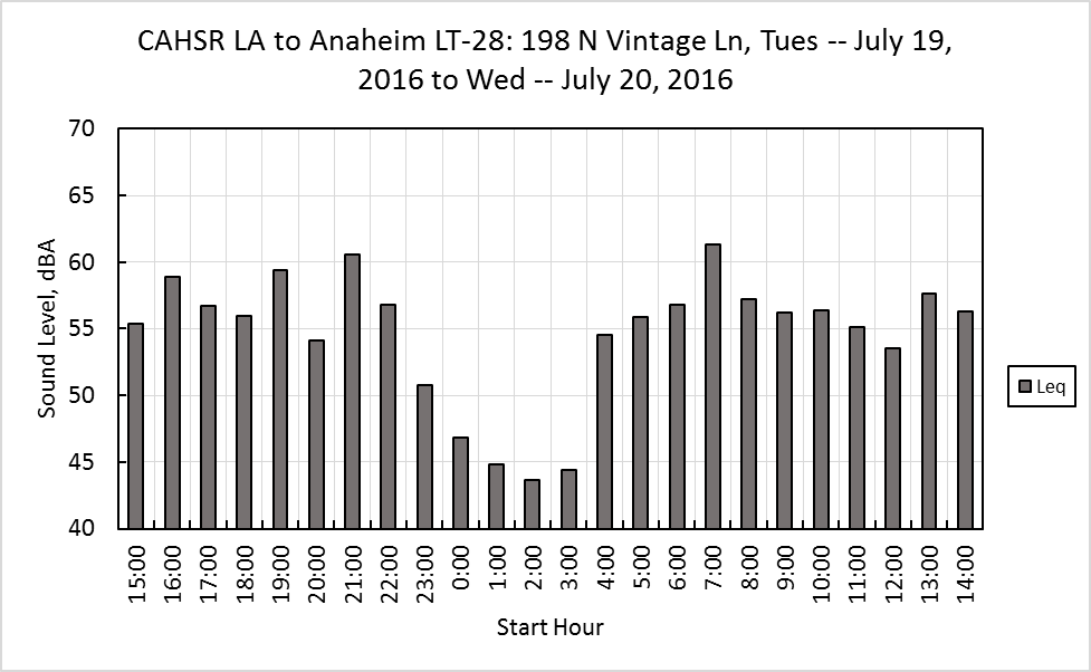
Long-Term Measurement Data – Site LT-25



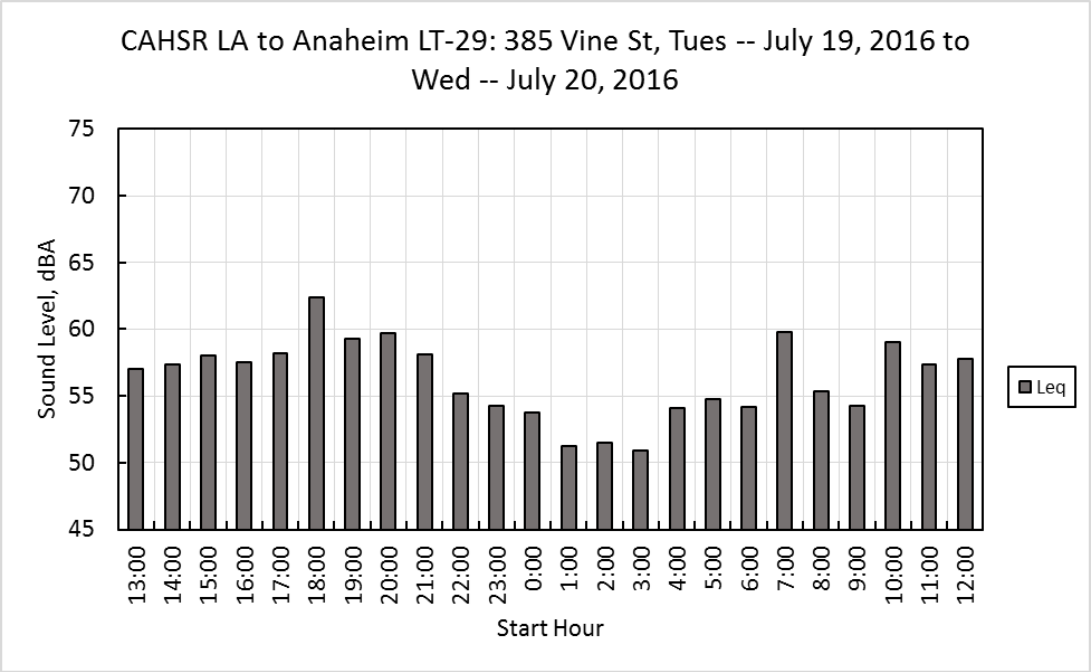
Long-Term Measurement Data – Site LT-26



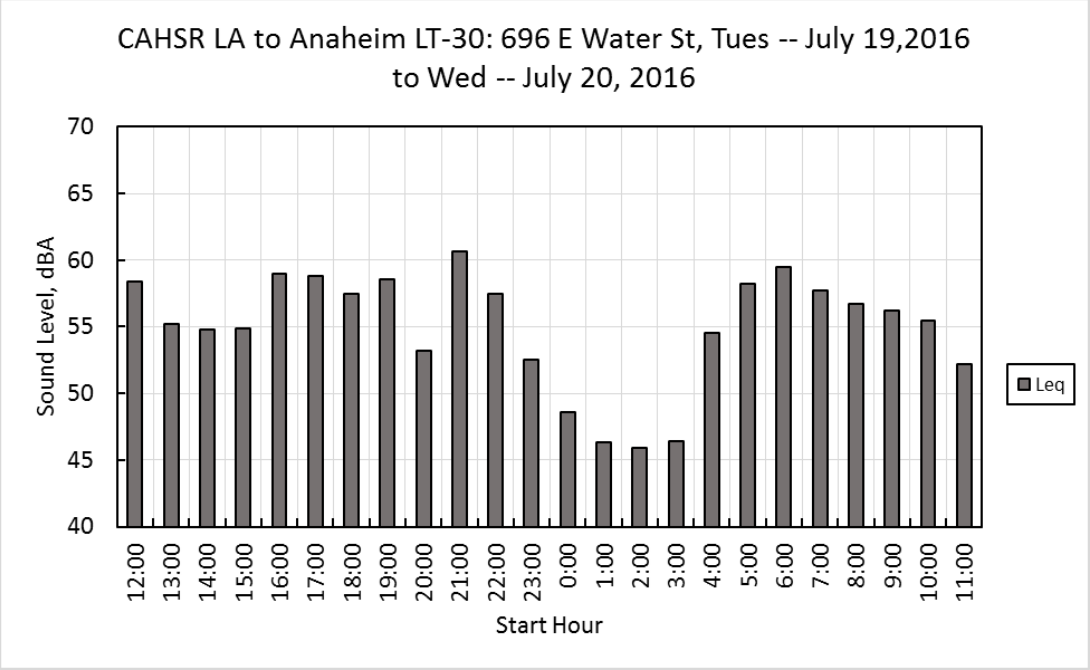
Long-Term Measurement Data – Site LT-27



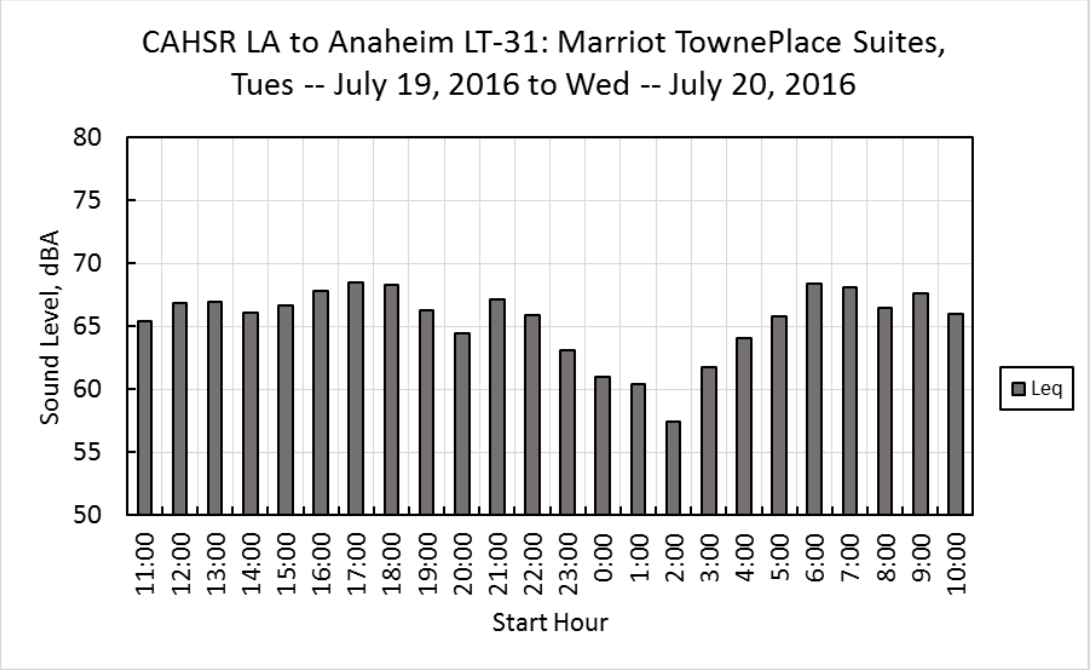
Long-Term Measurement Data – Site LT-28



Long-Term Measurement Data – Site LT-29



Long-Term Measurement Data – Site LT-30



Long-Term Measurement Data – Site LT-31

FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: ST1 OBSERVER(S): JGM
ADDRESS: Near 2444 E 8th St LA
START DATE / TIME: 3:10pm 8/4/2016 END DATE / TIME: 4:10pm 8/4

METEROLOGICAL CONDITIONS:
TEMP: 90 °F HUMIDITY: 60 %R.H. WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 5 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

ACOUSTIC MEASUREMENTS:
INSTRUMENT: TYPE: 1 2 SERIAL #: 4805
CALIBRATOR: SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.9 AFTER 113.75 WINDSCREEN ✓
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	25	50	90	min
97	3:10pm	4:10pm	61.4	77.1	68.1	64.2	63.7	61.0	59.2	57.4	54.4

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER: Maybe 300' to rail (google earth) closest to traffic is on the 10. ~9' to distillery
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: CT7 OBSERVER(S): JCM
ADDRESS: Near 2556 E Olympic Blvd, LA
START DATE / TIME: 4:22pm 8/4 END DATE / TIME: 5:22pm 8/4

METEROLOGICAL CONDITIONS:
TEMP: 80 °F HUMIDITY: %R.H. WIND: (CALM) LIGHT MODERATE VARIABLE
WINDSPEED: 2-3 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

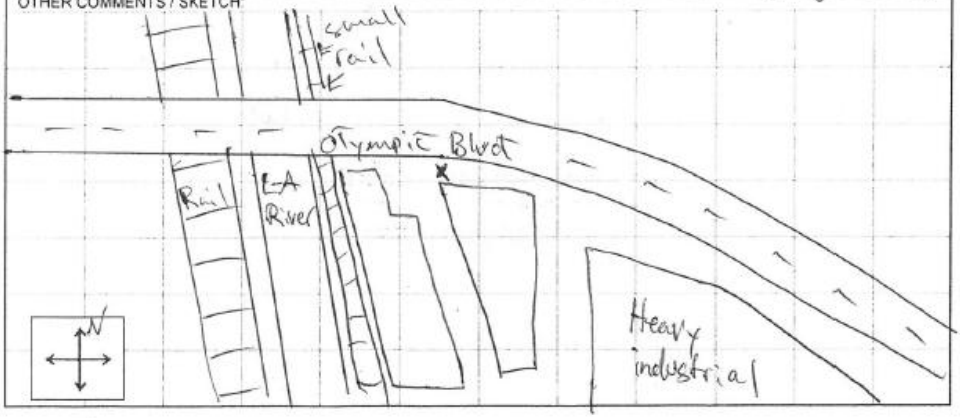
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD 1xT TYPE: 1 (2) SERIAL #: 4605
CALIBRATOR: LD 200 SERIAL #:
CALIBRATION CHECK, BEFORE: 1405 AFTER WINDSCREEN V
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	25	50	90	min
97	4:22pm	5:22pm	66.1	85.6	73.4	68.5	67.9	65.5	63.5	60.4	55.3

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT (RAIL) INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: (HARD) SOFT MIXED FLAT OTHER: 20' to Bridge, About 200ft to rail (Google earth)
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR / A-A PROJ. #

SITE IDENTIFICATION: ST3 OBSERVER(S): JGM
ADDRESS: 6630 Telegraph Rd
START DATE / TIME: 3:00pm 8/9/2016 END DATE / TIME: 4:00pm 8/9/16

METEROLOGICAL CONDITIONS:
TEMP: 85 °F HUMIDITY: 45 %R.H. towards WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 2-3 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 2 SERIAL #: 4005
CALIBRATOR: LD200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.2 AFTER 113.96 WINDSCREEN ✓
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	25	50	90	min
96	3pm	4pm	73.3	86.2	80.5	77.1	76.7	74.4	71.1	61.8	55.6

COMMENTS: Freight Rail registers 101 dB @ 80 yards
* Engine

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER: 80 yards to rail, 1ft to wall, 12' up off sidewalk.
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: S14 OBSERVER(S): JGM
ADDRESS: Praise Chapel Orange County
START DATE / TIME: 4:49pm 7/28/2016 END DATE / TIME: 5:49pm 7/28/2016

METEROLOGICAL CONDITIONS:
TEMP: 89 °F HUMIDITY: 32 %R.H. WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 4-8 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

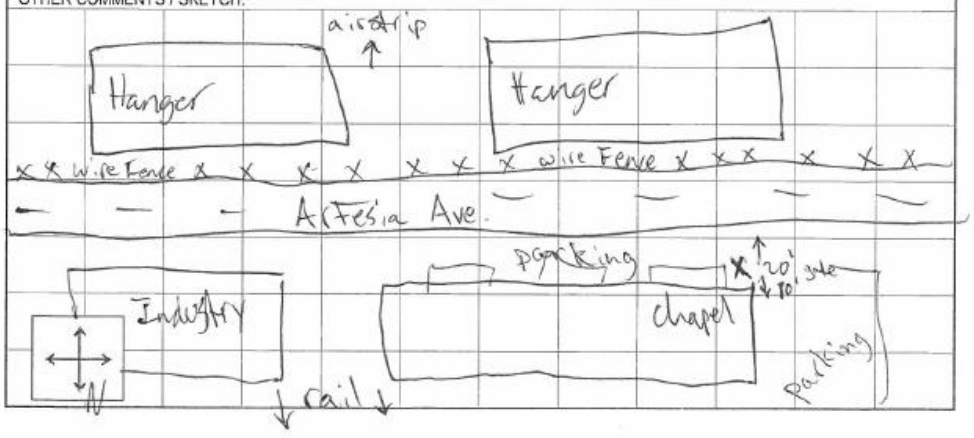
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 (2) SERIAL #: 4005
CALIBRATOR: LD700 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.06 AFTER 113.96 WINDSCREEN ✓
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM (ANSI) OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	25	50	90	min
					L						
58	4:49pm	5:49pm	69.5	87	76.6	73.8	73.5	71.1	67.1	54.3	48.2

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: (TRAFFIC) (AIRCRAFT) RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: (HARD) SOFT MIXED FLAT OTHER:
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: ST5 OBSERVER(S): JGM
ADDRESS: Jehovas Witness / Kingdom Hall
START DATE / TIME: 3:43pm 7/28/2016 END DATE / TIME: 4:43pm 7/28/2016

METEROLOGICAL CONDITIONS:
TEMP: 92 °F HUMIDITY: 34 %R.H. WIND: (CALM) LIGHT MODERATE VARIABLE
WINDSPEED: 2-3 MPH DIR: N NE E SE S (SW) W NW STEADY GUSTY
SKY: (SUNNY) CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

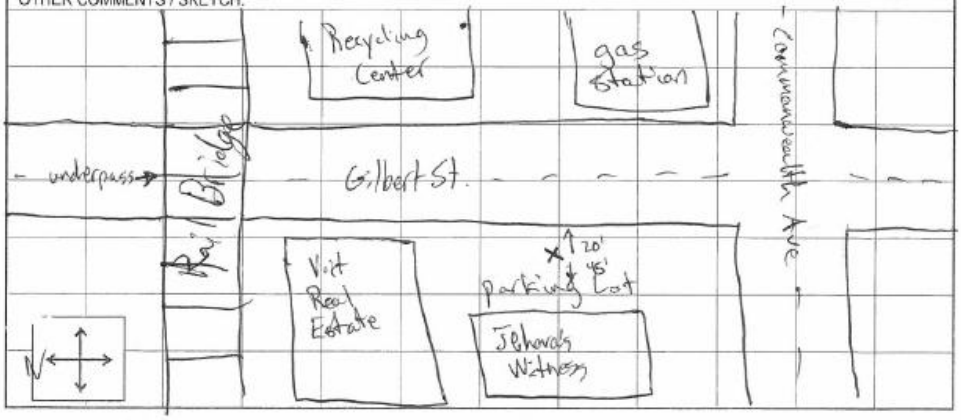
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 (2) SERIAL #: 4005
CALIBRATOR: LD200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.3 AFTER 114.09 WINDSCREEN ✓
SETTINGS: A-WEIGHTED (SLOW) FAST FRONTAL RANDOM (ANSI) OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	25	50	90	min
							L				
ST	3:43pm	4:43pm	68.4	81.3	74.9	71.7	71.3	69.2	66.6	61.4	51.4

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: (TRAFFIC) AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: (HARD) SOFT MIXED FLAT OTHER:
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: S16 OBSERVER(S): JGM
ADDRESS: 7601 Carol Ave
START DATE / TIME: 4:30pm 8/9/16 END DATE / TIME: 5:30pm 8/9/16

METEOROLOGICAL CONDITIONS:
TEMP: 83 °F HUMIDITY: 48 %R.H. towards WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 2-3 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

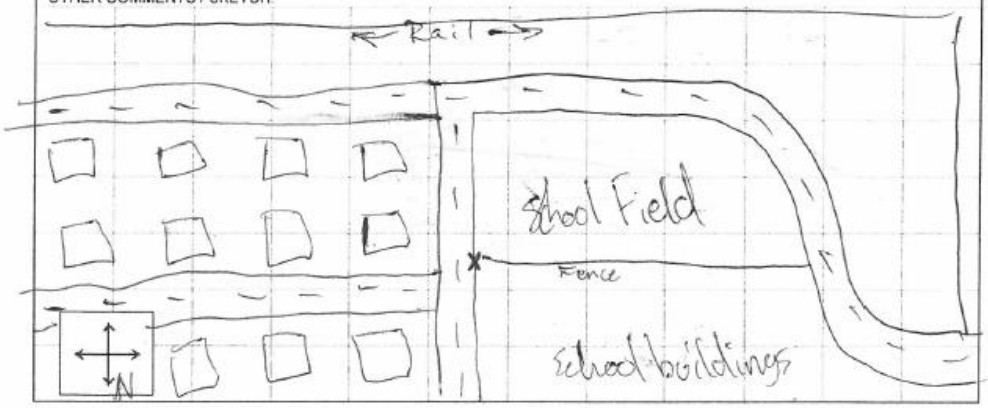
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 2 SERIAL #: 4005
CALIBRATOR: LD 200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 113.95 AFTER 113.89 WINDSCREEN ✓
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	L 1.67	L 8.33	L 10	L 25	L 50	L 90	min
97	4:30	5:30	59.8	80.6	68.9	62.4	61.3	57.0	53.9	49.6	45.6

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:
Helicopters, distant sirens, a lot of birds, some aircraft (jet) flyovers.

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER: About 300' to rail (google earth)
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: ST-7 Middle School OBSERVER(S): JGM
ADDRESS: 8600 S Alburtis Ave
START DATE / TIME: 5:00pm 8/14 END DATE / TIME: 6:00pm 8/8

METEROLOGICAL CONDITIONS:
TEMP: 84 °F HUMIDITY: 51 %R.H. towards WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 5-10 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

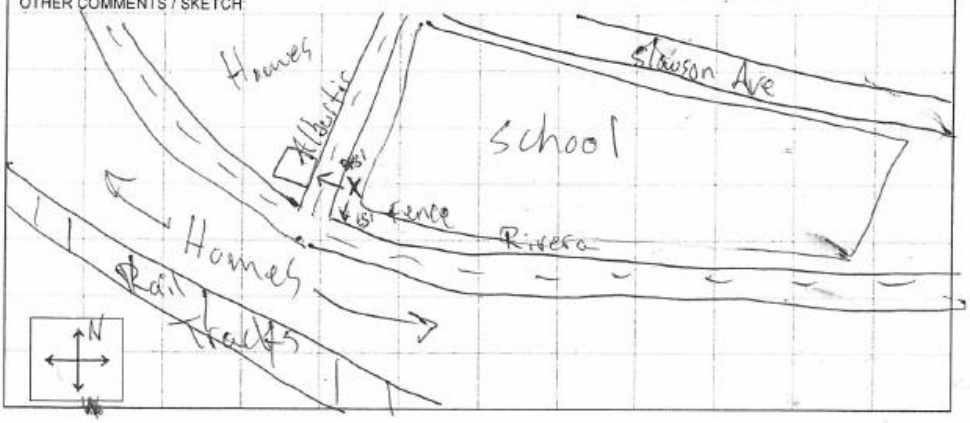
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 2 SERIAL #: 4005
CALIBRATOR: LD200 SERIAL #: 23916
CALIBRATION CHECK, BEFORE: 114.02 AFTER 114.1 WINDSCREEN ✓
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	L 1.67	8.33	10	25	50	90	min
95	5:00pm	5:00pm	61.2	81.4	71.2	64.8	64.2	58.4	52.9	48.6	46.4

COMMENTS: Several freight trains. Horn noise very prominent.

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER:
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: STB Park OBSERVER(S): JGM
ADDRESS: 3031 Shoemaker Ave Norwalk
START DATE / TIME: 3:40 pm 8/8/16 END DATE / TIME: 3:41pm 8/8/16

METEOROLOGICAL CONDITIONS:
TEMP: 87 °F HUMIDITY: 55 %R.H. towards WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 4-8 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

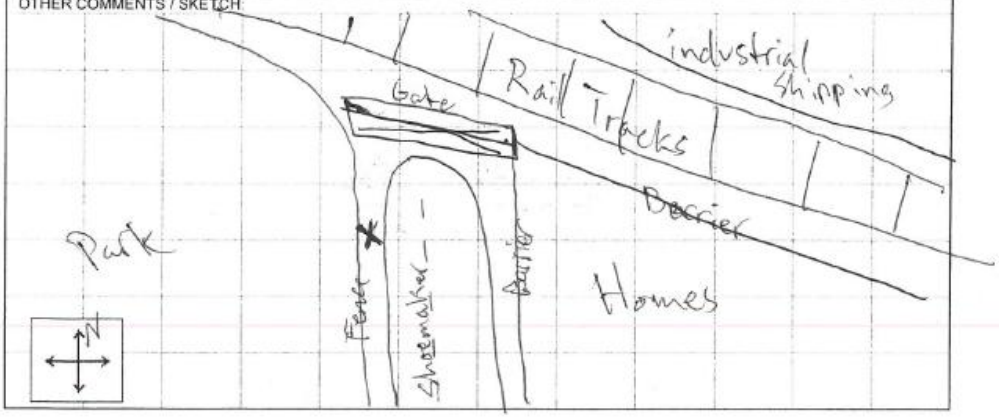
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 2 SERIAL #: 4005
CALIBRATOR: LD200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.23 AFTER 113.91 WINDSCREEN V
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	L 25	50	90	min
94	3:40pm	4:41pm	57.9	83.2	67.3	54.3	53.9	51.2	49.5	47.1	44.7

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT some RAIL INDUSTRIAL light AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER: About 100' to rail (google earth)
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: 979 Redo OBSERVER(S): JGM
ADDRESS: Near 100 s Richman Ave
START DATE / TIME: 4:15pm 8/3/2016 END DATE / TIME: 5:15pm 8/3/16

METEROLOGICAL CONDITIONS:
TEMP: 84 °F HUMIDITY: 45 %R.H. WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 4-5 MPH DIR: N NE E SE (S) SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

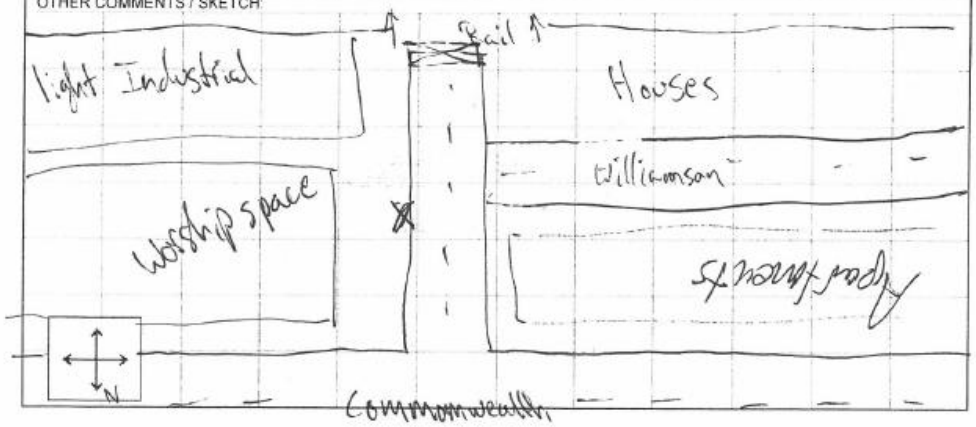
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 (2) SERIAL #: 4005
CALIBRATOR: LD700 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.35 AFTER 114.09 WINDSCREEN ✓
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	L 25	50	90	min
91	4:15pm	5:15pm	57.3	80.5	65.8	59.6	59.0	55.8	53.0	49.1	45.3

COMMENTS:
light traffic, neighborhood road. Only a few trains

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT (RAIL) INDUSTRIAL (AMBIENT) OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: (HARD) SOFT MIXED FLAT OTHER: Maybe 300ft to rail (google earth)
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: ST10 OBSERVER(S): JGM
ADDRESS: 1300 S Lewis St, Anaheim
START DATE / TIME: 7:48am 8/10/16 END DATE / TIME: 8:48am 8/10/16

METEOROLOGICAL CONDITIONS:
TEMP: 73 °F HUMIDITY: 45 %R.H WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 2-3 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

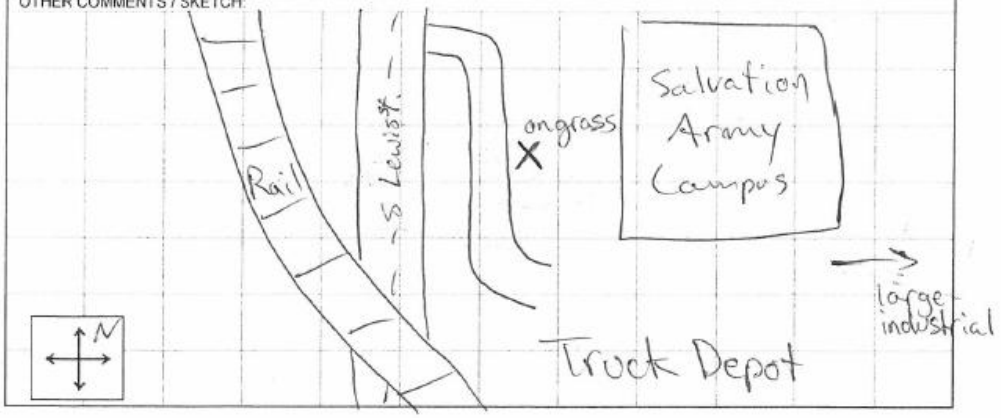
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 (2) SERIAL #: 4005
CALIBRATOR: LD200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 113.8 AFTER 113.93 WINDSCREEN √
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	L 25	50	90	min
98	7:48	8:48	66.8	85.1	73.4	70.3	69.9	67.8	64.6	56.0	44.1

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE: some rail not as loud as truck traffic usually
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER: Maybe 50' to Lewis St.
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: ST11 OBSERVER(S): JGM
ADDRESS: 9016 Rivera Rd, Pico Rivera
START DATE / TIME: 1:40 pm 8/1/2016 END DATE / TIME: 2:41 pm 8/1/2016

METEROLOGICAL CONDITIONS:
TEMP: 88 °F HUMIDITY: 41 %R.H. WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: ~5 MPH DIR: N NE E SE (S) SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

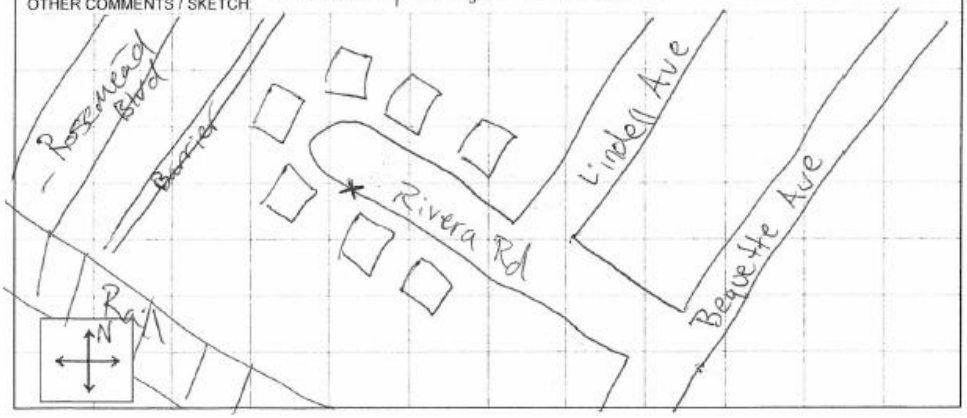
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 (2) SERIAL #: 4005
CALIBRATOR: LD200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 113.65 AFTER 113.95 WINDSCREEN ✓
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	L 25	50	90	min
S9	1:40pm	2:41pm	55.5	74.9	63.9	59.5	58.6	53.7	49.4	45.8	43.3

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC (AIRCRAFT) RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:
several close jet aircraft, 2-3 trains. Not as loud as anticipated.

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER: grass parkway / sidewalk
PHOTOS: 1' to curb, 63 yds to barrier
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: ST 17 OBSERVER(S): JGM
ADDRESS: 10701 Wheelock Cir
START DATE / TIME: 7:57pm 8/1/2016 END DATE / TIME: 4:01pm 8/1

METEROLOGICAL CONDITIONS:
TEMP: 89 °F HUMIDITY: 38 %R.H. WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 3-4 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 (2) SERIAL #: 4005
CALIBRATOR: LD 200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.01 AFTER 113.83 WINDSCREEN ✓
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	10	L 25	50	90	min
90	7:57pm	4:01pm	64.1	87.1	68.7	65.2	64.8	63.3	61.8	59.5	54.6

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:
lots of neighborhood activity. Distant rail traffic is dominant. w/ horn.

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER:
PHOTOS: 1' to curb, 50yds to Pioneer Blvd.
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: HSR LA-A PROJ. #

SITE IDENTIFICATION: ST13 OBSERVER(S): JLM
ADDRESS: East of 1830 Commonwealth Ave
START DATE / TIME: 4:31 pm 7/25/2016 END DATE / TIME: 5:32 pm 7/25/2016

METEOROLOGICAL CONDITIONS:
TEMP: 90 °F HUMIDITY: 38 %R.H. Toward WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 4.5-11 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LxT TYPE: 1 2 SERIAL #: 4005
CALIBRATOR: LD200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.28 AFTER 113.8 WINDSCREEN ✓
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	L 1.67	8.33	10	25	50	90	min
85	4:31pm	5:32pm	69.8	87.9	76.4	73.0	72.6	70.6	67.8	60.7	55.0

COMMENTS: Hearing notice for apartment complex construction on parking lot.

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:
Some rail noise, mostly traffic, Occasional helicopter
lots of crows around apartments

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER:
PHOTOS: 8' to curb, 30ft to apt alley
OTHER COMMENTS / SKETCH:

