

FILE

75

PUCO EXHIBIT FILING

Date of Hearing: 11-15-12

Case No. _____

BEFORE THE OHIO POWER SITING BOARD

In the Matter of the Application of Champaign Wind LLC for a Certificate to
Construct a Wind-Powered Electric Generating Facility in Champaign County, Ohio.
Case No. 12-0160-EL-BGN

List of exhibits being filed:

IV. V

Company - 14
- 16

UNU - 20

PUCO

2012 NOV 30 PM 2:02

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Technician AB Date Processed 11/30/12

Reporter's Signature: [Signature]
Date Submitted: 11-29-12

BEFORE THE OHIO POWER SITING BOARD

- - -

In the Matter of the :
Application of Champaign :
Wind LLC for a :
Certificate to Construct : Case No. 12-0160-EL-BGN
a Wind-Powered Electric :
Generating Facility in :
Champaign County, Ohio. :

- - -

PROCEEDINGS

before Ms. Mandy Willey Chiles and Mr. Jonathan
Tauber, Administrative Law Judges, at the Public
Utilities Commission of Ohio, 180 East Broad Street,
Room 11-A, Columbus, Ohio, called at 9:00 a.m. on
Thursday, November 15, 2012.

- - -

VOLUME V

- - -

ARMSTRONG & OKEY, INC.
222 East Town Street, Second Floor
Columbus, Ohio 43215
(614) 224-9481 - (800) 223-9481
Fax - (614) 224-5724

- - -

McConnell, Diane and Bob

Sunday, May 25, 2008
6:34 PM

Name: McConnell's 4880 E. U.S. 38, Urbana Ohio 43078



480 long term test-001 2.43 to 10.24 pm

Wednesday, June 04, 2008
3:23 PM

CEL SoundTrack - dB22 2.00 © Casella Group Ltd 1999 - 2003
c:\documents and settings\rick.rrj-5150\my documents\my clients\wind\ohio\2008-05-27
study\champaign\480\c480-001001.dta

- Run Summary -

Logging times:	Duration
mm/dd/yyyy hh:mm:ss	hh:mm:ss.ss
Start of run 05/28/2008	14:43:19
End of run 05/28/2008	22:24:22
Duration of run	07:41:03.20
Total pause time	00:00:00.00

Overload occurred	Yes
Total overload time	00:05:05.58
Under-range occurred	Yes
Low battery occurred	No

User calibration information:

Instrument last checked on 05/28/2008 14:39:51
Input Microphone

Setup information:

Setup name User Setup 1
Model number CEL-480 Version 2.00
Serial number 040964
Run Mode Broadband SLM
Frequency weighting for RMSA
Frequency weighting for Peak C
Time weighting Slow
Measurement range 10 - 80 dB
Exchange rate (Q) 3
Period time 00:01:00
Exposure duration 00:00:00
Threshold 80 dB

Time history profiles:

Profiles: On
Profile sample interval 1 s
Profile function 1 LASmx
Profile function 2 LASmn

GPS

Wednesday, June 04, 2003
2:33 PM

N 40 06 54
W 83 39 14

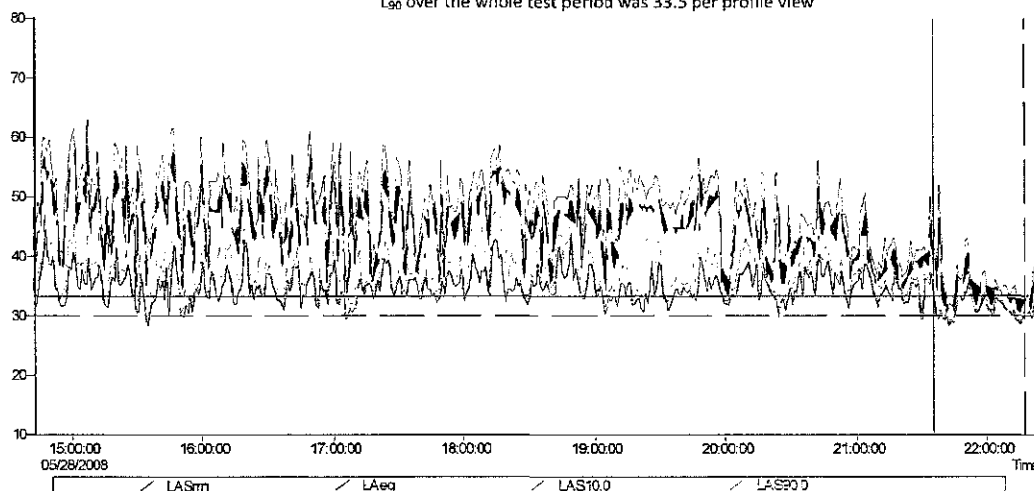


L90 31.8 dBA Evening

Wednesday, June 04, 2008

3:25 PM

L90 over the whole test period was 33.5 per profile view



C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\001001.DTA

Band = Broadband

Overall profile duration = 07:41:03 (461 samples)

Function order = LASmn dB, LAeq dB, LAS10.0 dB, LAS90.0 dB

Cursor 1: Time = 05/28/2008 21:35:19, Level = 33.3 dB, Flags: ----

Cursor 2: Time = 05/28/2008 22:17:19, Level = 30.1 dB, Flags: ----

Duration on / between the cursors = 00:43:00, Flags: , Scale: 1:1

- LASmn -

Minimum LASmn = 28.3 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19

Maximum LASmn = 35.6 dB, On / between the cursors. Time of maximum = 05/28/2008 21:51:19

- LAeq -

Minimum LAeq = 29.8 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19

Maximum LAeq = 47.2 dB, On / between the cursors. Time of maximum = 05/28/2008 21:38:19

Calculated average LAeq = 47.7 dB, Overall

Calculated average LAeq = 36.1 dB, On / between the cursors

Calculated average LAeq = 48.1 dB, Outside the cursors

- LAS10.0 -

Minimum LAS10.0 = 31.0 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19

Maximum LAS10.0 = 52.0 dB, On / between the cursors. Time of maximum = 05/28/2008 21:38:19

Calculated average LAS10.0 = 35.7 dB, On / between the cursors

- LAS90.0 -

Minimum LAS90.0 = 28.5 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19

Maximum LAS90.0 = 37.5 dB, On / between the cursors. Time of maximum = 05/28/2008 21:51:19

Calculated average LAS90.0 = 31.8 dB, On / between the cursors

C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27

STUDY\CHAMPAIGN\480\001001.DTA

Band = Broadband

Overall profile duration = 07:41:03 (461 samples)

Function order = LASmn dB, LAeq dB, LAS10.0 dB, LAS90.0 dB

Cursor 1: Time = 05/28/2008 21:35:19, Level = 33.3 dB, Flags: ----

Cursor 2: Time = 05/28/2008 22:17:19, Level = 30.1 dB, Flags: ----

Duration on / between the cursors = 00:43:00, Flags: , Scale: 1:1

- LASmn -

Minimum LASmn = 28.3 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19

Maximum LASmn = 35.6 dB, On / between the cursors. Time of maximum = 05/28/2008 21:51:19

- LAeq -

Minimum LAeq = 29.8 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19

Maximum LAeq = 47.2 dB, On / between the cursors. Time of maximum = 05/28/2008 21:38:19

Calculated average LAeq = 47.7 dB, Overall

Calculated average LAeq = 36.1 dB, On / between the cursors

Calculated average LAeq = 48.1 dB, Outside the cursors

- LAS10.0 -

Minimum LAS10.0 = 31.0 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19

Maximum LAS10.0 = 52.0 dB, On / between the cursors. Time of maximum = 05/28/2008 21:38:19

Calculated average LAS10.0 = 35.7 dB, On / between the cursors

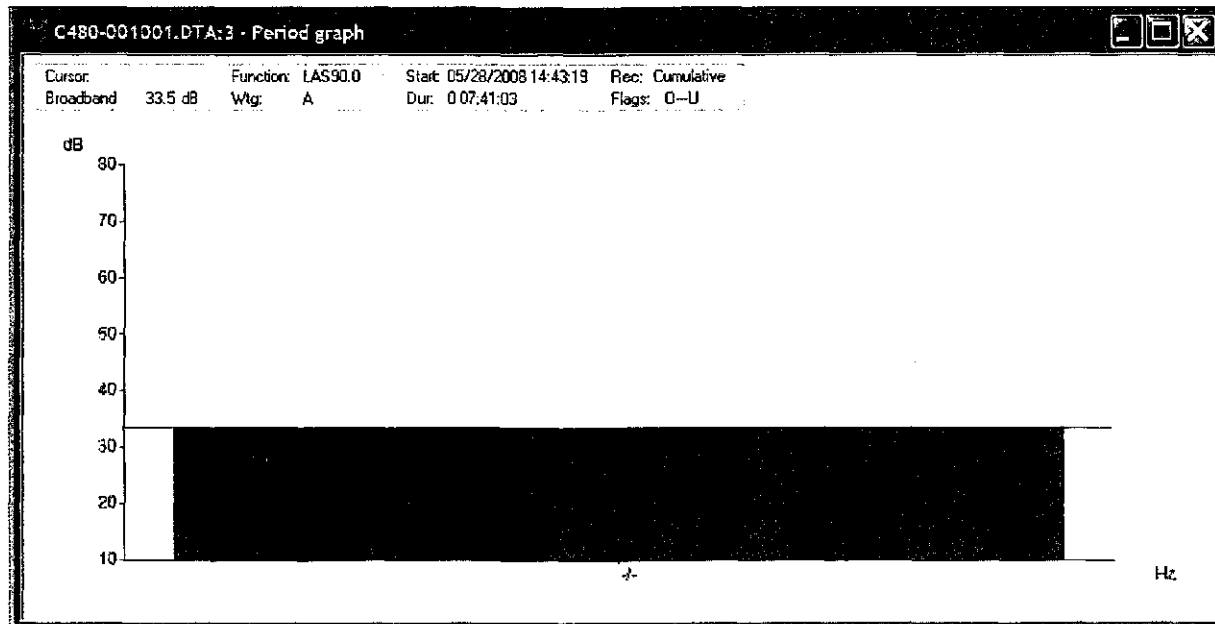
- LAS90.0 -

Minimum LAS90.0 = 28.5 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19
Maximum LAS90.0 = 37.5 dB, On / between the cursors. Time of maximum = 05/28/2008 21:51:19

Calculated average LAS90.0 = 31.8 dB, On / between the cursors

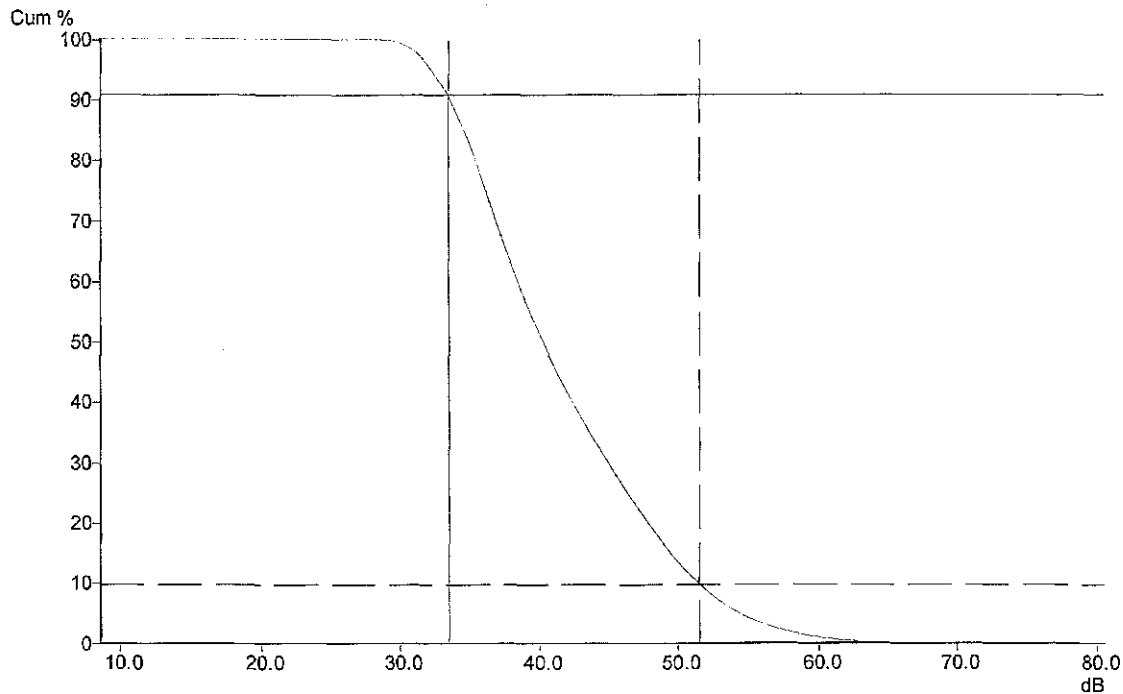
Profile View 33.5 L90 dBA

Wednesday, June 04, 2008
3:31 PM



Stat

Wednesday, June 04, 2008
3:33 PM



C:\DOCUMENTS AND SETTINGS\RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\480-001001.DTA

Frequency weighting for RMS = A

Duration = 07:41:03

Flags: O---U

Cursor 1: 33.5 dB, 90.90% (000 06:59:06)

Cursor 2: 51.5 dB, 9.83% (000 00:45:18)

Calculated Ln 5.0% A = 54.0 dB

Calculated Ln 10.0% A = 51.2 dB

Calculated Ln 50.0% A = 40.1 dB

Calculated Ln 90.0% A = 33.5 dB

Calculated Ln 95.0% A = 32.0 dB

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\2008-05-27 STUDY\CHAMPAIGN\480\480-001001.DTA

Frequency weighting for RMS = A

Duration = 07:41:03

Flags: O---U

Cursor 1: 33.5 dB, 90.90% (000 06:59:06)

Cursor 2: 51.5 dB, 9.83% (000 00:45:18)

Calculated Ln 5.0% A = 54.0 dB

Calculated Ln 10.0% A = 51.2 dB

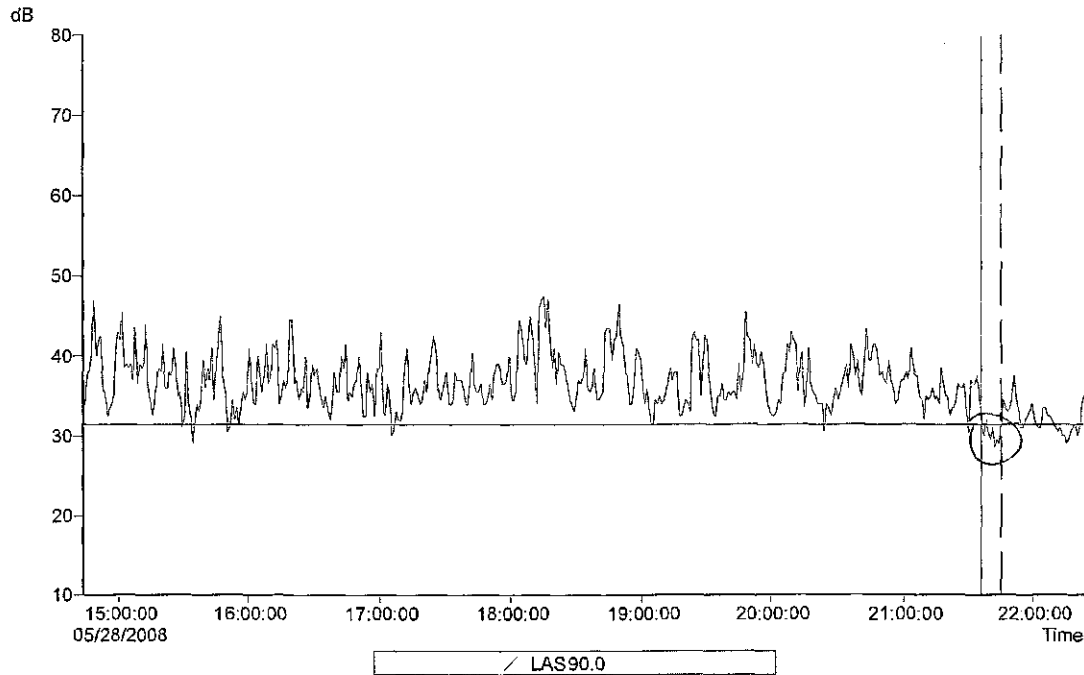
Calculated Ln 50.0% A = 40.1 dB

Calculated Ln 90.0% A = 33.5 dB

Calculated Ln 95.0% A = 32.0 dB

10 minute LAS90.0 = 30.3

Friday, June 06, 2008
10:45 PM



C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\480-001001.DTA
Band = Broadband
Overall profile duration = 07:41:03 (461 samples)
Function order = LAS90.0 dB
Cursor 1: Time = 05/28/2008 21:38:19, Level = 31.5 dB, Flags: —
Cursor 2: Time = 05/28/2008 21:45:19, Level = 31.5 dB, Flags: O—
Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

- LAS90.0 -

Minimum LAS90.0 = 28.5 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19
Maximum LAS90.0 = 32.0 dB, On / between the cursors. Time of maximum = 05/28/2008 21:38:19

Calculated average LAS90.0 = 30.3 dB, On / between the cursors

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\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\480-001001.DTA

Band = Broadband

Overall profile duration = 07:41:03 (461 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/28/2008 21:38:19, Level = 31.5 dB, Flags: —

Cursor 2: Time = 05/28/2008 21:45:19, Level = 31.5 dB, Flags: O—

Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

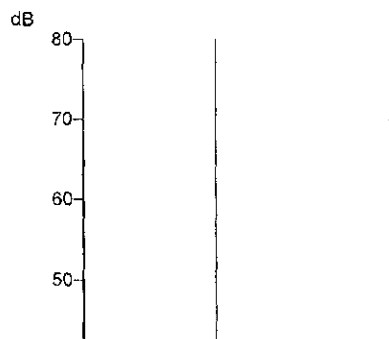
- LAS90.0 -

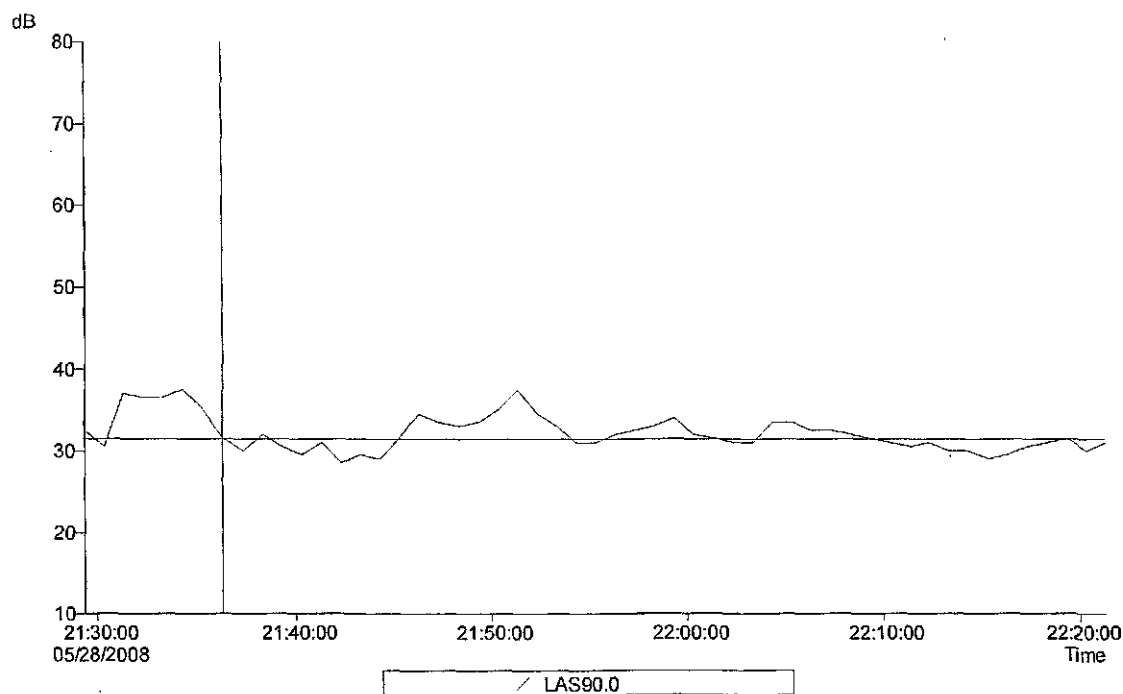
Minimum LAS90.0 = 28.5 dB, On / between the cursors. Time of minimum =
05/28/2008 21:42:19

Maximum LAS90.0 = 32.0 dB, On / between the cursors. Time of maximum =
05/28/2008 21:38:19

Calculated average LAS90.0 = 30.3 dB, On / between the cursors

Sample below





C:\DOCUMENTS AND SETTINGS\PRICK, R.R.J\5150\MY DOCUMENTS\MY CLIENTS\WINDOHI\2008-05-27 STUDY\CHAMPAIGN\480\C480-001001.DTA

Band = Broadband

Overall profile duration = 07:41:03 (461 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/28/2008 21:38:19, Level = 31.5 dB, Flags —

Cursor 2: Time = 05/28/2008 21:45:19, Level = 31.5 dB, Flags O—

Duration on / between the cursors = 00:10:00, Flags , Scale: 1:1

- LAS90.0 -

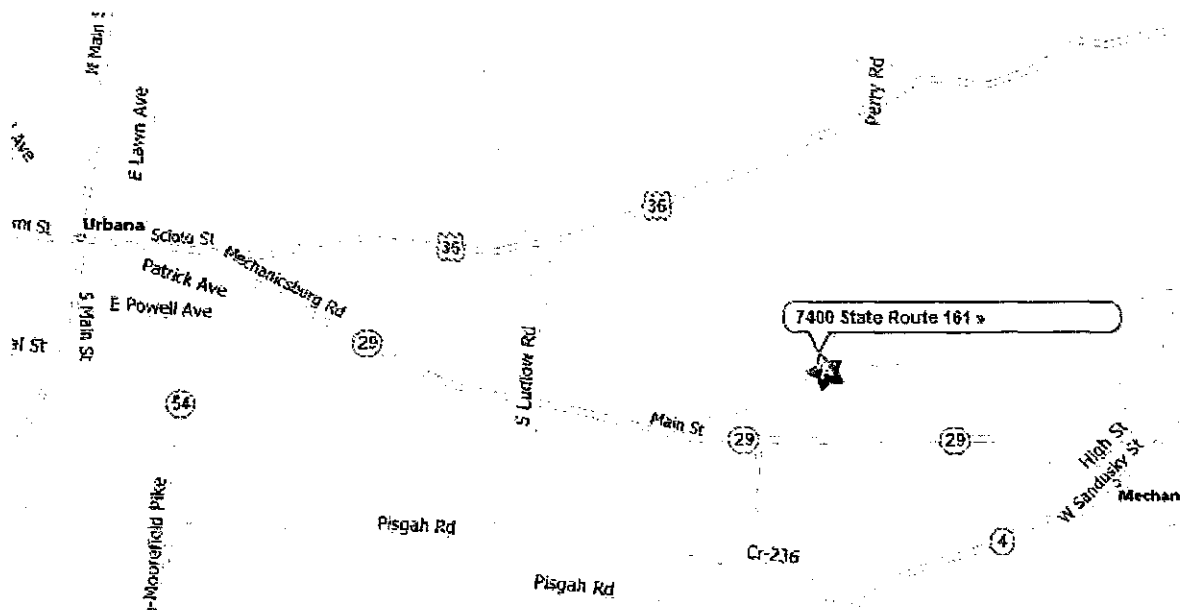
Minimum LAS90.0 = 28.5 dB, On / between the cursors. Time of minimum = 05/28/2008 21:42:19

Maximum LAS90.0 = 32.0 dB, On / between the cursors. Time of maximum = 05/28/2008 21:38:19

Calculated average LAS90.0 = 30.3 dB, On / between the cursors

Sunday, May 25, 2008
2:12 PM

Pasted from <<http://www.mapquest.com/maps/7400+State+Route+161+Mechanicsburg+OH+43044-9662/>>



GPS

Monday, September 28, 2009
10:08 AM

Gordon 40 5' 26"N, 83 36' 28"W



480 main test 11:33 pm

Friday, June 06, 2008
11:08 PM

- ⇒ Backup to 573 at the Gordons. Only meter at remaining sites for 5/28 evening tests

c:\documents and settings\rick.rrj-5150\my documents\my clients\wind\ohio
\2008-05-27 study\champaign\480\c480-001002.dta

- Run Summary -

Logging times:	Duration
mm/dd/yyyy hh:mm:ss	hh:mm:ss.ss
Start of run 05/28/2008 23:22:28	
End of run 05/28/2008 23:33:27	
Duration of run	00:10:59.62
Total pause time	00:00:00.00

Overload occurred	Yes
Total overload time	00:00:04.02
Under-range occurred	No
Low battery occurred	No

User calibration information:

Instrument last checked on 05/28/2008 14:39:51
Input Microphone

Setup information:

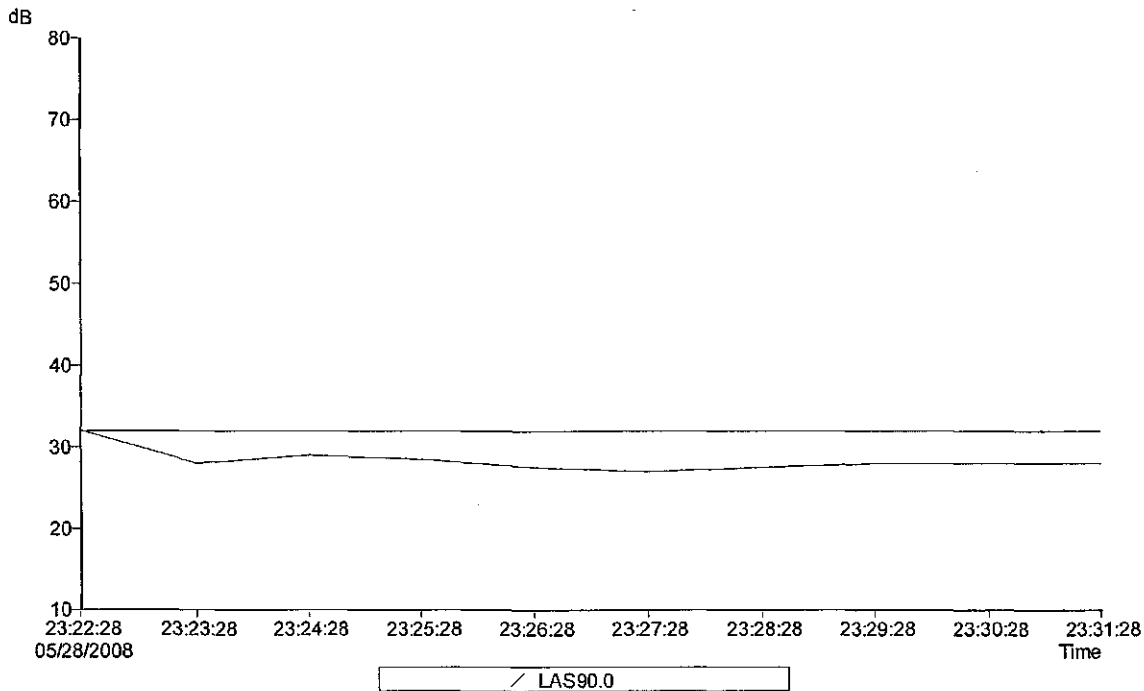
Setup name User Setup 1
Model number CEL-480 Version 2.00
Serial number 040964
Run Mode Broadband SLM
Frequency weighting for RMSA
Frequency weighting for Peak C
Time weighting Slow
Measurement range 10 - 80 dB
Exchange rate (Q) 3
Period time 00:01:00
Exposure duration 00:00:00
Threshold 80 dB

Time history profiles:

Profiles: On
Profile sample interval 1 s
Profile function 1 LASmx
Profile function 2 LASmn

LAS90.0 = 28.4 dB

Friday, June 05, 2008
11:16 PM



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Band = Broadband

Overall profile duration = 00:10:59 (10 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/28/2008 23:22:28, Level = 32.0 dB, Flags: O---

Cursor 2: Time = 05/28/2008 23:31:28, Level = 28.0 dB, Flags: O---

Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

- LAS90.0 -

Minimum LAS90.0 = 27.0 dB, On / between the cursors. Time of minimum = 05/28/2008 23:27:28
Maximum LAS90.0 = 32.0 dB, On / between the cursors. Time of maximum = 05/28/2008 23:22:28

Calculated average LAS90.0 = 28.4 dB, On / between the cursors

C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS

\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001002.DTA

Band = Broadband

Overall profile duration = 00:10:59 (10 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/28/2008 23:22:28, Level = 32.0 dB, Flags: O---

Cursor 2: Time = 05/28/2008 23:31:28, Level = 28.0 dB, Flags: O---

Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

- LAS90.0 -

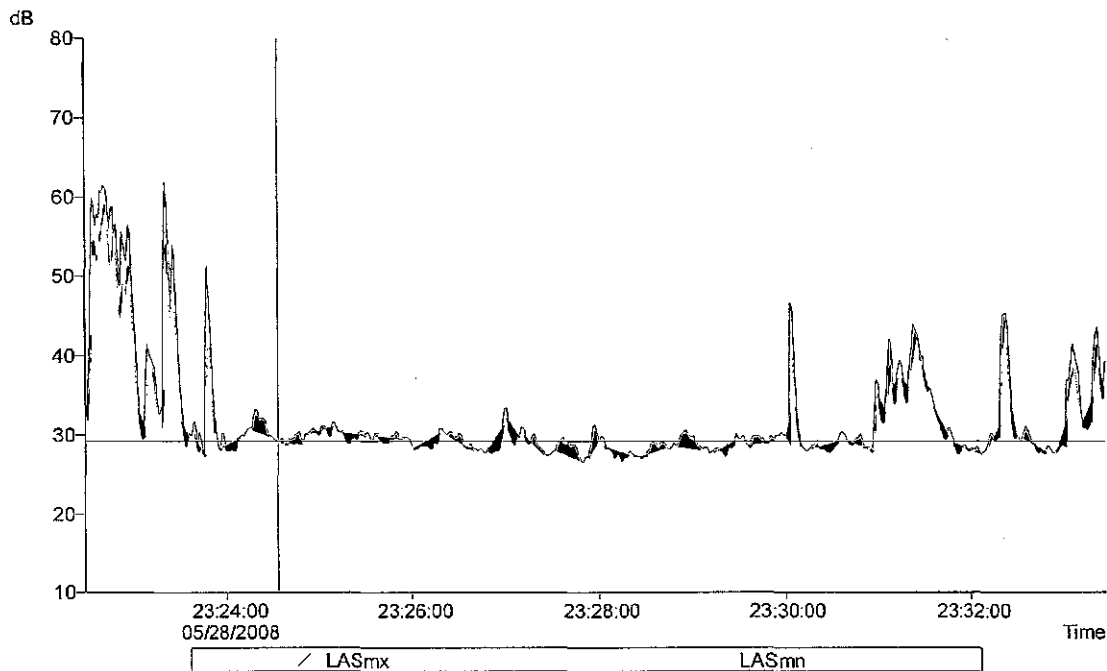
Minimum LAS90.0 = 27.0 dB, On / between the cursors. Time of minimum =
05/28/2008 23:27:28

Maximum LAS90.0 = 32.0 dB, On / between the cursors. Time of maximum =
05/28/2008 23:22:28

Calculated average LAS90.0 = 28.4 dB, On / between the cursors

LASmn = 26.2 dB

Friday, June 06, 2008
11:19 PM



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Overall profile duration = 00:10:59 (659 samples)
Function order = LASmx dB, LASmn dB
Cursor 1: Time = 05/28/2008 23:24:33, Level = 29.2 dB, Flags: —
Cursor 2: Time = 05/28/2008 23:29:44, Level = 29.8 dB, Flags: —
Duration on / between the cursors = 00:05:12, Flags: , Scale: 1:1

- LASmx dB -

Minimum LASmx = 26.5 dB, On / between the cursors. Time of minimum = 05/28/2008 23:27:50
Maximum LASmx = 33.4 dB, On / between the cursors. Time of maximum = 05/28/2008 23:27:00

- LASmn dB -

Minimum LASmn = 26.2 dB, On / between the cursors. Time of minimum = 05/28/2008 23:27:50
Maximum LASmn = 32.7 dB, On / between the cursors. Time of maximum = 05/28/2008 23:27:00

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\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001002.DTA

Overall profile duration = 00:10:59 (659 samples)

Function order = LASmx dB, LASmn dB

Cursor 1: Time = 05/28/2008 23:24:33, Level = 29.2 dB, Flags: —

Cursor 2: Time = 05/28/2008 23:29:44, Level = 29.8 dB, Flags: —

Duration on / between the cursors = 00:05:12, Flags: , Scale: 1:1

- LASmx dB -

Minimum LASmx = 26.5 dB, On / between the cursors. Time of minimum =
05/28/2008 23:27:50

Maximum LASmx = 33.4 dB, On / between the cursors. Time of maximum =
05/28/2008 23:27:00

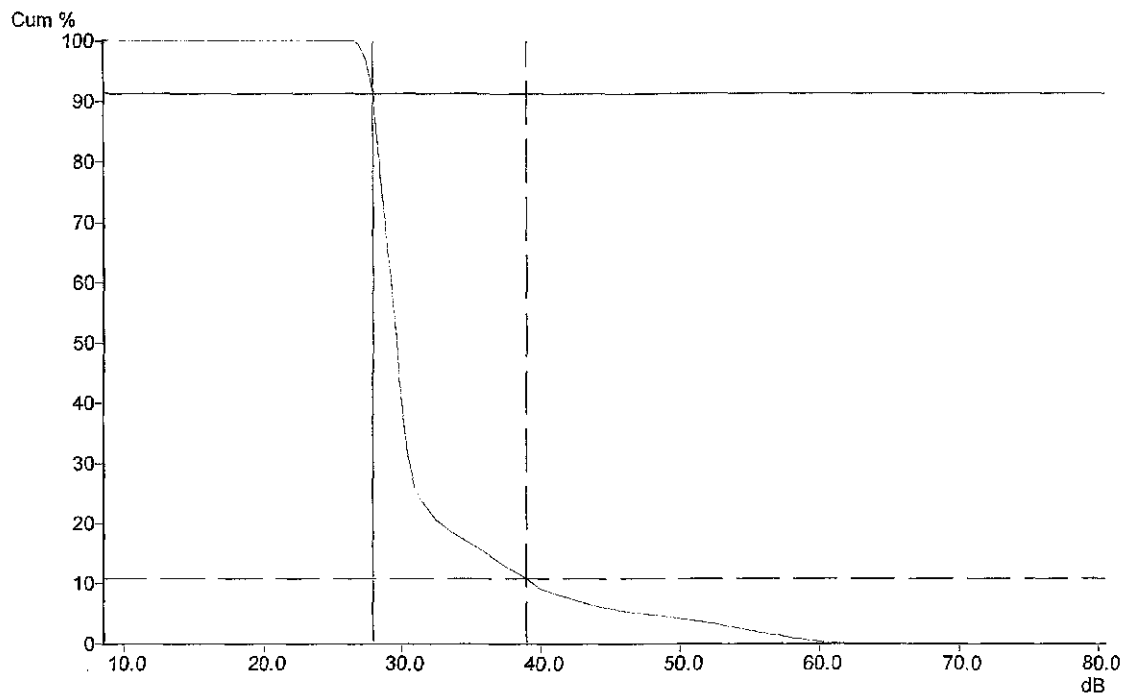
- LASmn dB -

Minimum LASmn = 26.2 dB, On / between the cursors. Time of minimum =
05/28/2008 23:27:50

Maximum LASmn = 32.7 dB, On / between the cursors. Time of maximum =
05/28/2008 23:27:00

Ln 90.0% A = 27.8 dB

Friday, June 05, 2008
11:23 PM



C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OH\2008-05-27 STUDY\CHAMPAIGN\480\C480-001002.DTA

Frequency weighting for RMS = A

Duration = 00:10:59

Flags: O---

Cursor 1: 28.0 dB, 91.34% (000 00:10:02)

Cursor 2: 39.0 dB, 10.90% (000 00:01:12)

Calculated Ln 5.0% A = 47.0 dB

Calculated Ln 10.0% A = 39.3 dB

Calculated Ln 50.0% A = 29.5 dB

Calculated Ln 90.0% A = 27.8 dB

Calculated Ln 95.0% A = 27.4 dB

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\WIND\OH\2008-05-27 STUDY\CHAMPAIGN\480\C480-001002.DTA

Frequency weighting for RMS = A

Duration = 00:10:59

Flags: O----

Cursor 1: 28.0 dB, 91.34% (000 00:10:02)

Cursor 2: 39.0 dB, 10.90% (000 00:01:12)

Calculated Ln 5.0% A = 47.0 dB

Calculated Ln 10.0% A = 39.3 dB

Calculated Ln 50.0% A = 29.5 dB

Calculated Ln 90.0% A = 27.8 dB

Calculated Ln 95.0% A = 27.4 dB

Peace, Larry (Union Twp.)

Sunday, May 25, 2008
6:42 PM

- Larry Peace: 466 Cambrian Road, Cable, Ohio 43009)



GPS

Monday, September 28, 2009
10:12 AM



480 -003 Peace Evening

Friday, June 06, 2008
11:26 PM

c:\documents and settings\rick.rrj-5150\my documents\my clients\wind\ohio
\2008-05-27 study\champaign\480\c480-001003.dta

- Run Summary -

Logging times:	Duration
mm/dd/yyyy hh:mm:ss	hh:mm:ss.ss
Start of run 05/28/2008 23:49:41	
End of run 05/29/2008 00:04:53	
Duration of run	00:15:12.76
Total pause time	00:00:00.00

Overload occurred	Yes
Total overload time	00:00:01.90
Under-range occurred	No
Low battery occurred	No

User calibration information:

Instrument last checked on 05/28/2008 14:39:51
Input Microphone

Setup information:

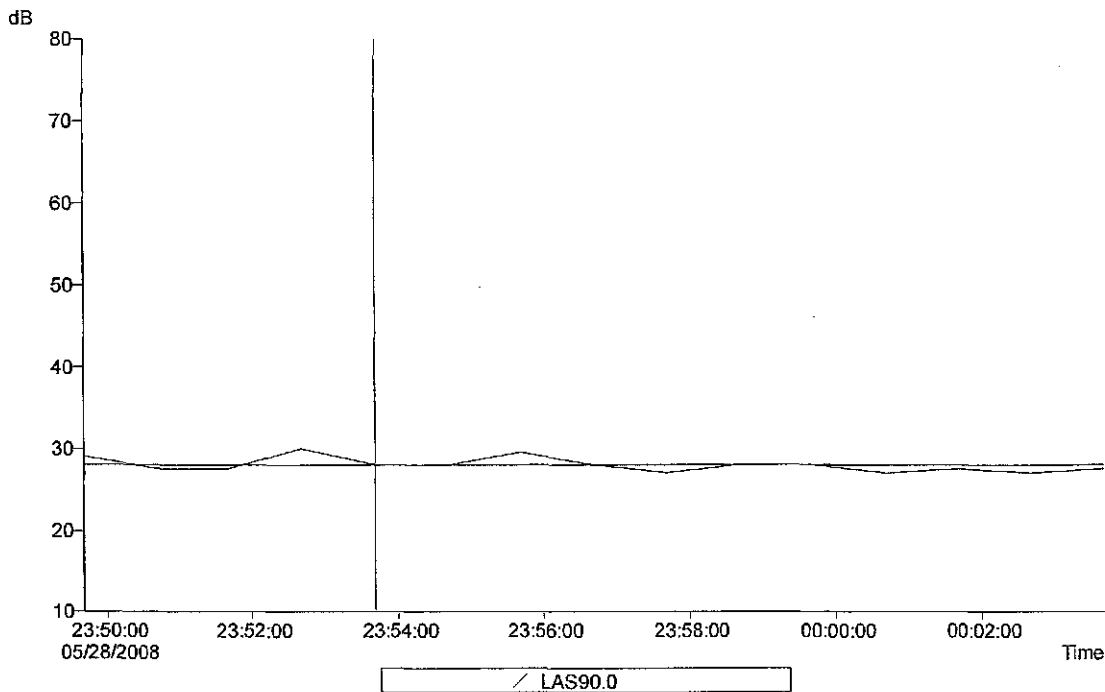
Setup name User Setup 1
Model number CEL-480 Version 2.00
Serial number 040964
Run Mode Broadband SLM
Frequency weighting for RMSA
Frequency weighting for Peak C
Time weighting Slow
Measurement range 10 - 80 dB
Exchange rate (Q) 3
Period time 00:01:00
Exposure duration 00:00:00
Threshold 80 dB

Time history profiles:

Profiles: On
Profile sample interval 1 s
Profile function 1 LASmx
Profile function 2 LASmn

LAS90.0 = 27.8 dB

Friday, June 06, 2008
11:27 PM



C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001003.DTA

Band = Broadband

Overall profile duration = 00:15:12 (15 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/28/2008 23:53:41, Level = 28.0 dB, Flags: O----

Cursor 2: Time = 05/29/2008 00:02:41, Level = 27.0 dB, Flags: O----

Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

- LAS90.0 -

Minimum LAS90.0 = 27.0 dB, On / between the cursors. Time of minimum = 05/28/2008 23:57:41

Maximum LAS90.0 = 29.5 dB, On / between the cursors. Time of maximum = 05/28/2008 23:55:41

Calculated average LAS90.0 = 27.8 dB, On / between the cursors

C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS

\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001003.DTA

Band = Broadband

Overall profile duration = 00:15:12 (15 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/28/2008 23:53:41, Level = 28.0 dB, Flags: O----

Cursor 2: Time = 05/29/2008 00:02:41, Level = 27.0 dB, Flags: O----

Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

- LAS90.0 -

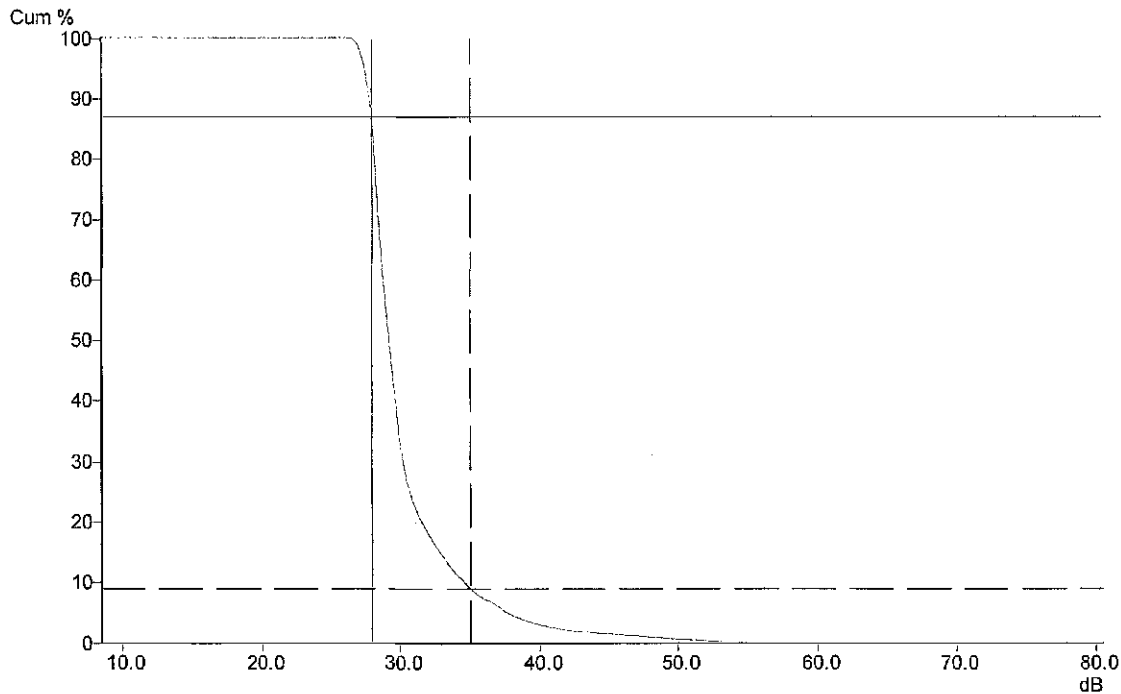
Minimum LAS90.0 = 27.0 dB, On / between the cursors. Time of minimum =
05/28/2008 23:57:41

Maximum LAS90.0 = 29.5 dB, On / between the cursors. Time of maximum =
05/28/2008 23:55:41

Calculated average LAS90.0 = 27.8 dB, On / between the cursors

Ln 90.0% A = 27.6 dB

Friday, June 06, 2008
11:29 PM



C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001003.DTA
Frequency weighting for RMS = A
Duration = 00:15:12
Flags: O---
Cursor 1: 28.0 dB, 87.12% (000 00:13:15)
Cursor 2: 35.0 dB, 8.93% (000 00:01:22)
Calculated Ln 5.0% A = 37.4 dB
Calculated Ln 10.0% A = 34.4 dB
Calculated Ln 50.0% A = 29.0 dB
Calculated Ln 90.0% A = 27.6 dB
Calculated Ln 95.0% A = 27.3 dB

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\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001003.DTA
Frequency weighting for RMS = A
Duration = 00:15:12
Flags: O---
Cursor 1: 28.0 dB, 87.12% (000 00:13:15)
Cursor 2: 35.0 dB, 8.93% (000 00:01:22)
Calculated Ln 5.0% A = 37.4 dB
Calculated Ln 10.0% A = 34.4 dB
Calculated Ln 50.0% A = 29.0 dB
Calculated Ln 90.0% A = 27.6 dB
Calculated Ln 95.0% A = 27.3 dB

Bartlett, Jim and Anita

Sunday, May 25, 2008
6:32 PM

6044 E Us Highway 36 Cable, OH 43009-9625

Pasted from <http://www.mapquest.com/maps/6044+E+Us+Highway+36+Cable+OH+43009-9625/>



480 -004 12:14am 9hrs. 40 min. Bartlett overnight test

Friday, June 06, 2008

11:29 PM

c:\documents and settings\rick.rrj-5150\my documents\my clients\wind\ohio
\2008-05-27 study\champaign\480\c480-001004.dta

- Run Summary -

Logging times:	Duration
mm/dd/yyyy hh:mm:ss	hh:mm:ss.ss
Start of run 05/29/2008 00:13:55	
End of run 05/29/2008 09:53:51	
Duration of run	09:39:56.37
Total pause time	00:00:00.00

Overload occurred	Yes
Total overload time	00:00:11.66
Under-range occurred	No
Low battery occurred	No

User calibration information:

Instrument last checked on 05/28/2008 14:39:51
Input Microphone

Setup information:

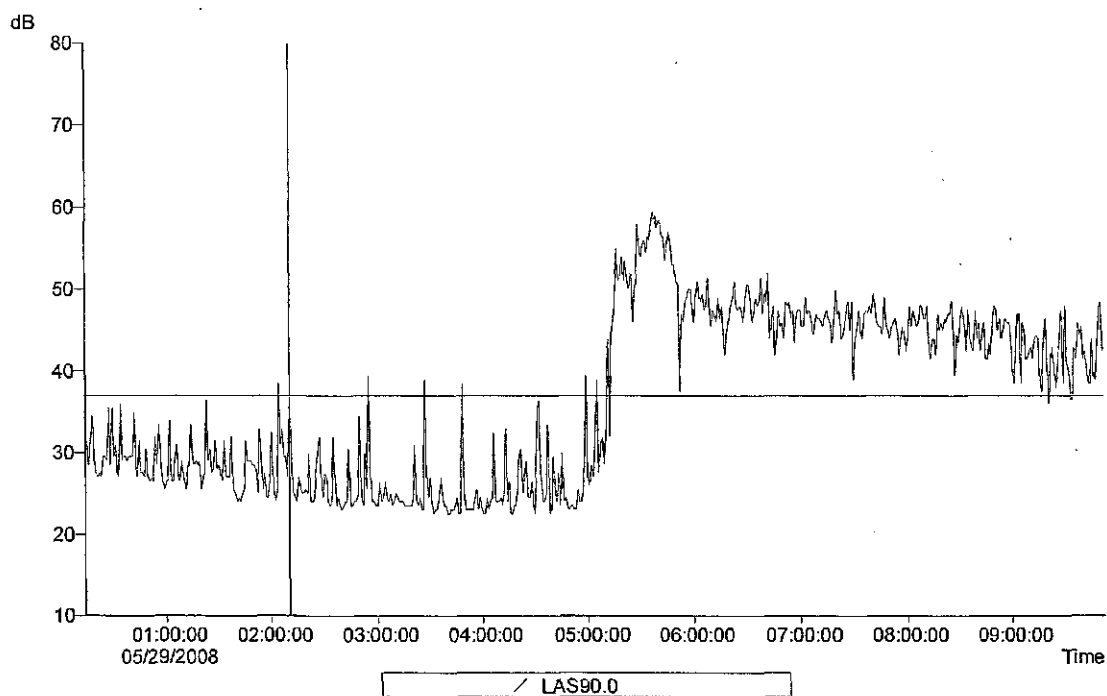
Setup name User Setup 1
Model number CEL-480 Version 2.00
Serial number 040964
Run Mode Broadband SLM
Frequency weighting for RMSA
Frequency weighting for Peak C
Time weighting Slow
Measurement range 10 - 80 dB
Exchange rate (Q) 3
Period time 00:01:00
Exposure duration 00:00:00
Threshold 80 dB

Time history profiles:

Profiles: On
Profile sample interval 1 s
Profile function 1 LASmx
Profile function 2 LASmn

LAS90.0 = 25.4 dB during 2:10am to 4:54

Friday, June 06, 2008
11:31 PM



C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001004.DTA

Band = Broadband

Overall profile duration = 09:39:56 (579 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/29/2008 02:09:55, Level = 37.0 dB, Flags: ---

Cursor 2: Time = 05/29/2008 04:53:55, Level = 25.5 dB, Flags: ---

Duration on / between the cursors = 02:45:00, Flags: , Scale: 1:1

- LAS90.0 -

Minimum LAS90.0 = 22.5 dB, On / between the cursors. Time of minimum = 05/29/2008 03:31:55

Maximum LAS90.0 = 39.5 dB, On / between the cursors. Time of maximum = 05/29/2008 02:54:55

Calculated average LAS90.0 = 25.4 dB, On / between the cursors

C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS
\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001004.DTA

Band = Broadband

Overall profile duration = 09:39:56 (579 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/29/2008 02:09:55, Level = 37.0 dB, Flags: ----

Cursor 2: Time = 05/29/2008 04:53:55, Level = 25.5 dB, Flags: ----

Duration on / between the cursors = 02:45:00, Flags: , Scale: 1:1

- LAS90.0 -

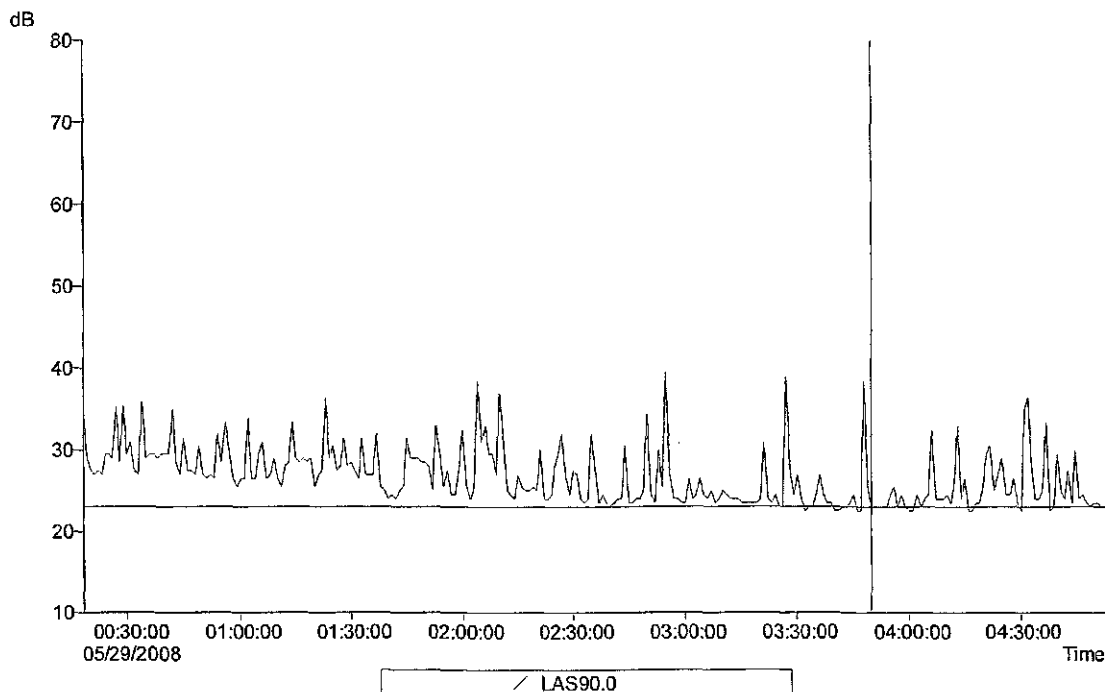
Minimum LAS90.0 = 22.5 dB, On / between the cursors. Time of minimum =
05/29/2008 03:31:55

Maximum LAS90.0 = 39.5 dB, On / between the cursors. Time of maximum =
05/29/2008 02:54:55

Calculated average LAS90.0 = 25.4 dB, On / between the cursors

LAS90.0 = 23.6 dB for 10 minute L90 test

Friday, June 06, 2008
11:33 PM



C:\DOCUMENTS AND SETTINGS\RICK.RRI-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001004.DTA

Band = Broadband

Overall profile duration = 09:39:56 (579 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/29/2008 03:49:55, Level = 23.0 dB, Flags: —

Cursor 2: Time = 05/29/2008 03:58:55, Level = 23.0 dB, Flags: —

Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

- LAS90.0 -

Minimum LAS90.0 = 23.0 dB, On / between the cursors. Time of minimum = 05/29/2008 03:49:55

Maximum LAS90.0 = 25.5 dB, On / between the cursors. Time of maximum = 05/29/2008 03:55:55

Calculated average LAS90.0 = 23.6 dB, On / between the cursors

C:\DOCUMENTS AND SETTINGS\RICK.RRI-5150\MY DOCUMENTS\MY CLIENTS

\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001004.DTA

Band = Broadband

Overall profile duration = 09:39:56 (579 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/29/2008 03:49:55, Level = 23.0 dB, Flags: —

Cursor 2: Time = 05/29/2008 03:58:55, Level = 23.0 dB, Flags: —

Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

- LAS90.0 -

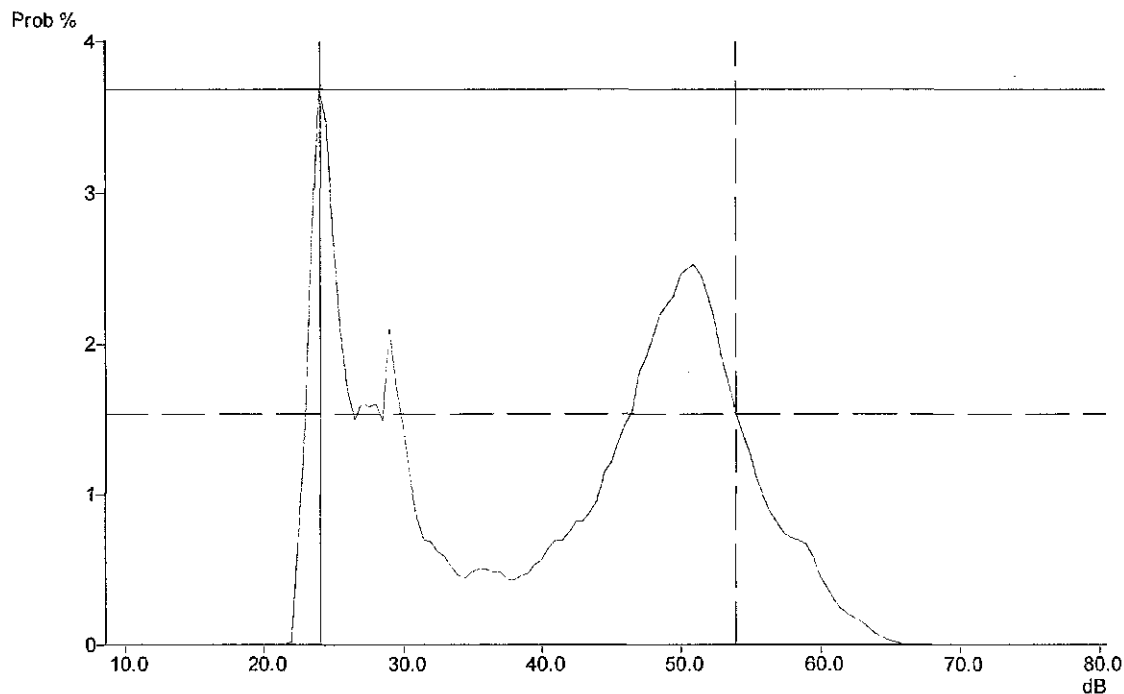
Minimum LAS90.0 = 23.0 dB, On / between the cursors. Time of minimum = 05/29/2008 03:49:55

Maximum LAS90.0 = 25.5 dB, On / between the cursors. Time of maximum = 05/29/2008 03:55:55

Calculated average LAS90.0 = 23.6 dB, On / between the cursors

Stats showing background and traffic/morning birdsongs

Friday, June 06, 2008
11:38 PM



C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\480-001004.DTA

Frequency weighting for RMS = A

Duration = 09:39:56

Flags: 0---

Cursor 1: 24.0 dB, 3.68% (000 00:21:21)

Cursor 2: 54.0 dB, 1.54% (000 00:08:56)

Calculated Ln 5.0% A = 57.7 dB

Calculated Ln 10.0% A = 55.0 dB

Calculated Ln 50.0% A = 44.6 dB

Calculated Ln 90.0% A = 24.4 dB

Calculated Ln 95.0% A = 23.8 dB

C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS

\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\480-001004.DTA

Frequency weighting for RMS = A

Duration = 09:39:56

Flags: 0---

Cursor 1: 24.0 dB, 3.68% (000 00:21:21)

Cursor 2: 54.0 dB, 1.54% (000 00:08:56)

Calculated Ln 5.0% A = 57.7 dB

Calculated Ln 10.0% A = 55.0 dB

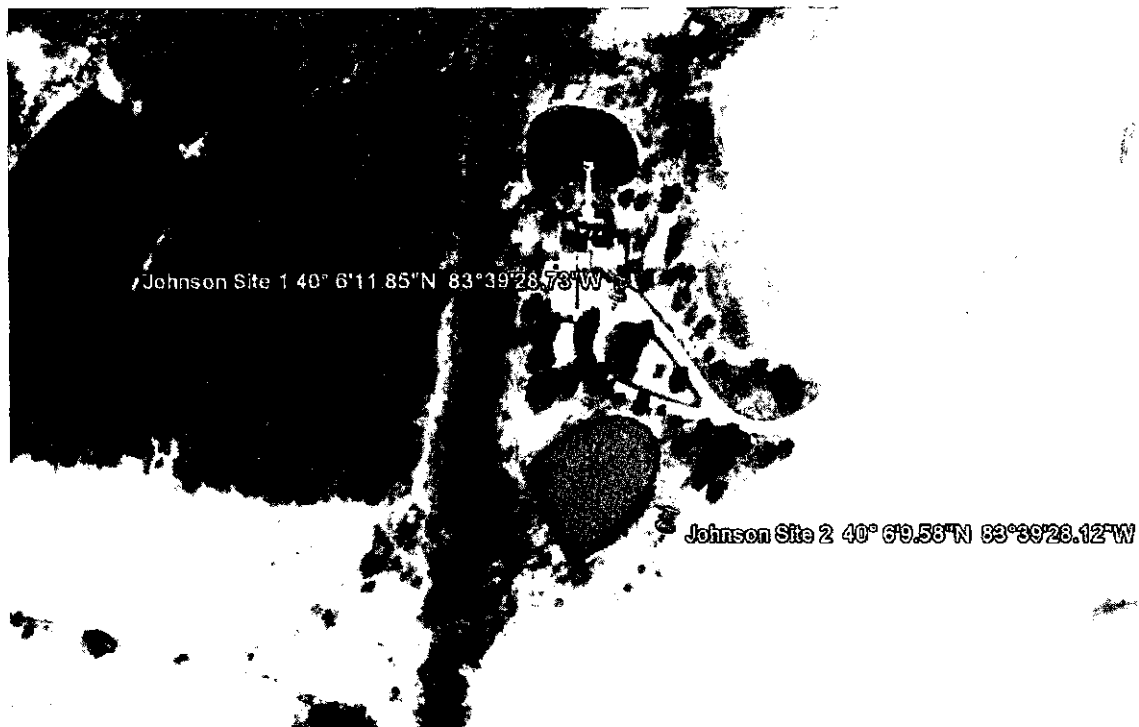
Calculated Ln 50.0% A = 44.6 dB

Calculated Ln 90.0% A = 24.4 dB

Calculated Ln 95.0% A = 23.8 dB

Johnson, Julie (Union)

Sunday, May 25, 2008
3:19 PM



-002 23.22pm -23.33 pm

Wednesday, June 04, 2008
3:39 PM

CEL SoundTrack - dB22 2.00 © Casella Group Ltd 1999 - 2003

c:\documents and settings\rick.rrj-5150\my documents\my clients\wind\ohio\2008-05-27
study\champaign\480\c480-001002.dta

- Run Summary -

Logging times:	Duration
mm/dd/yyyy hh:mm:ss	hh:mm:ss.ss
Start of run 05/28/2008 23:22:28	
End of run 05/28/2008 23:33:27	
Duration of run	00:10:59.62
Total pause time	00:00:00.00

Overload occurred	Yes
Total overload time	00:00:04.02
Under-range occurred	No
Low battery occurred	No

User calibration information:

Instrument last checked on 05/28/2008 14:39:51
Input Microphone

Setup information:

Setup name User Setup 1
Model number CEL-480 Version 2.00
Serial number 040964
Run Mode Broadband SLM
Frequency weighting for RMSA
Frequency weighting for Peak C
Time weighting Slow
Measurement range 10 - 80 dB
Exchange rate (Q) 3
Period time 00:01:00
Exposure duration 00:00:00
Threshold 80 dB

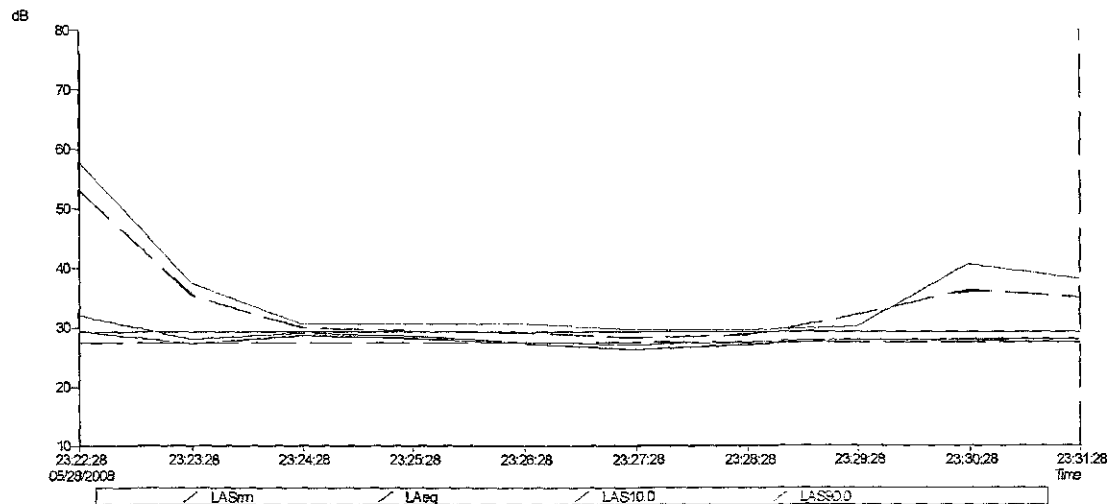
Time history profiles:

Profiles: On
Profile sample interval 1 s
Profile function 1 LASmx
Profile function 2 LASmn

23:22pm to 23:32 L90=28.4 dBA

Wednesday, June 04, 2008

3:36 PM



C:\DOCUMENTS AND SETTINGS\KORRI\150\MY DOCUMENTS\MY CLIENTS\WINDCHILL\05-27 STUDY\CHAMPAIGN\480\0400\01002.DTA

Band = Broadband
Overall profile duration = 00:10:59 (10 samples)
Function used = LASm dB, LAeq dB, LAS10.0 dB, LAS90.0 dB
Cursor 1: Time = 05/29/2008 23:22:28, Level = 22.3 dB, Flag: O=
Cursor 2: Time = 05/29/2008 23:31:28, Level = 27.4 dB, Flag: O=
Cursor on / between the cursors = 02:10:00, Flag: . Scale: 1:1

- LASm -

Minimum LASm = 25.2 dB, On / between the cursors, Time of minimum = 05/29/2008 23:27:28
Maximum LASm = 29.3 dB, On / between the cursors, Time of maximum = 05/29/2008 23:22:28

- LAeq -

Minimum LAeq = 26.2 dB, On / between the cursors, Time of minimum = 05/29/2008 23:27:28
Maximum LAeq = 33.2 dB, On / between the cursors, Time of maximum = 05/29/2008 23:22:28

Calculated average LAeq = 43.5 dB, Overall
Calculated average LAeq = 43.5 dB, On / between the cursors
Calculated average LAeq = n/a, Outside the cursors

- LAS10.0 -

Minimum LAS10.0 = 29.5 dB, On / between the cursors, Time of minimum = 05/29/2008 23:27:28
Maximum LAS10.0 = 38.0 dB, On / between the cursors, Time of maximum = 05/29/2008 23:22:28

Calculated average LAS10.0 = 35.5 dB, On / between the cursors

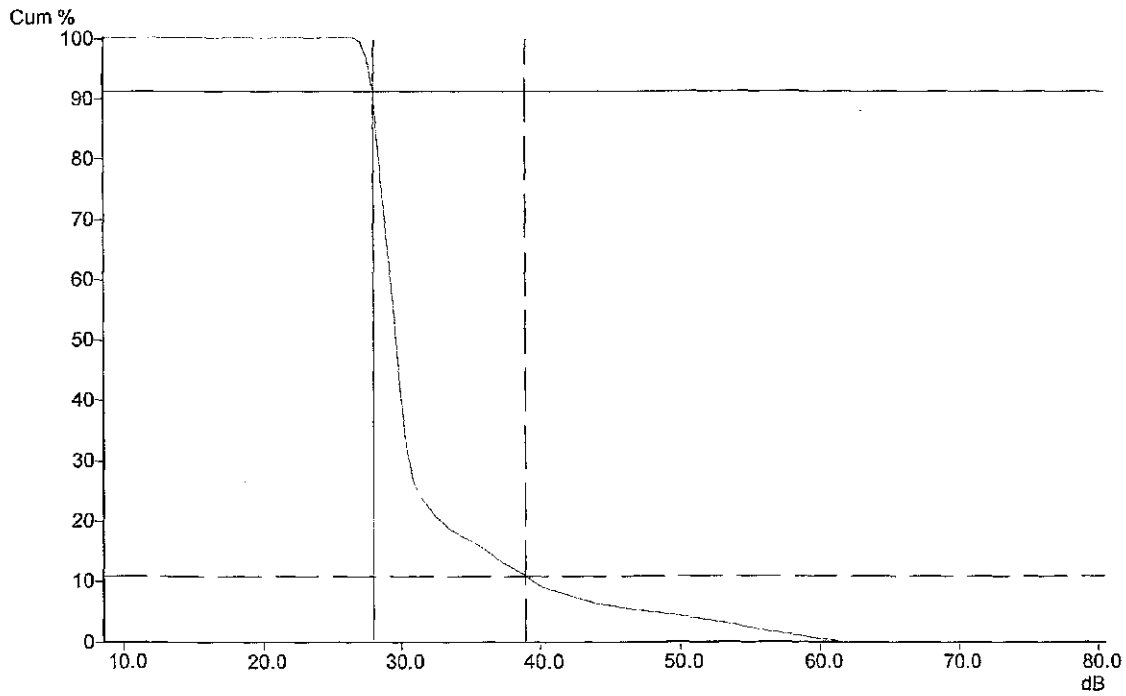
- LAS90.0 -

Minimum LAS90.0 = 27.0 dB, On / between the cursors, Time of minimum = 05/29/2008 23:27:28
Maximum LAS90.0 = 32.0 dB, On / between the cursors, Time of maximum = 05/29/2008 23:22:28

Calculated average LAS90.0 = 28.4 dB, On / between the cursors

Stat

Wednesday, June 04, 2008
3:35 PM



C:\DOCUMENTS AND SETTINGS\RIK.RFJ\S150\MY DOCUMENTS\MY CLIENTS\WINDOHC\2008-05-27 STUDY\CHAMPAIGN\480\480-001002.DTA
Frequency weighting for RMS = A
Duration = 00:10:59
Flags: O—
Cursor1: 28.0 dB, 91.34% (000 00:10:02)
Cursor2: 39.0 dB, 10.90% (000 00:01:12)
Calculated Ln 5.0% A = 47.0 dB
Calculated Ln 10.0% A = 39.3 dB
Calculated Ln 50.0% A = 29.5 dB
Calculated Ln 90.0% A = 27.8 dB
Calculated Ln 95.0% A = 27.4 dB

480 -005 Thurs 29th 10am test at gate

Friday, June 06, 2008

11:41 PM

c:\documents and settings\rick.rrj-5150\my documents\my clients\wind\ohio
\2008-05-27 study\champaign\480\c480-001005.dta

- Run Summary -

Logging times:	Duration
mm/dd/yyyy hh:mm:ss	hh:mm:ss.ss
Start of run 05/29/2008 10:03:24	
End of run 05/29/2008 10:22:40	
Duration of run	00:19:16.84
Total pause time	00:00:00.00

Overload occurred	Yes
Total overload time	00:00:00.13
Under-range occurred	No
Low battery occurred	No

User calibration information:

Instrument last checked on 05/28/2008 14:39:51
Input Microphone

Setup information:

Setup name User Setup 1
Model number CEL-480 Version 2.00
Serial number 040964
Run Mode Broadband SLM
Frequency weighting for RMSA
Frequency weighting for Peak C
Time weighting Slow
Measurement range 10 - 80 dB
Exchange rate (Q) 3
Period time 00:01:00
Exposure duration 00:00:00
Threshold 80 dB

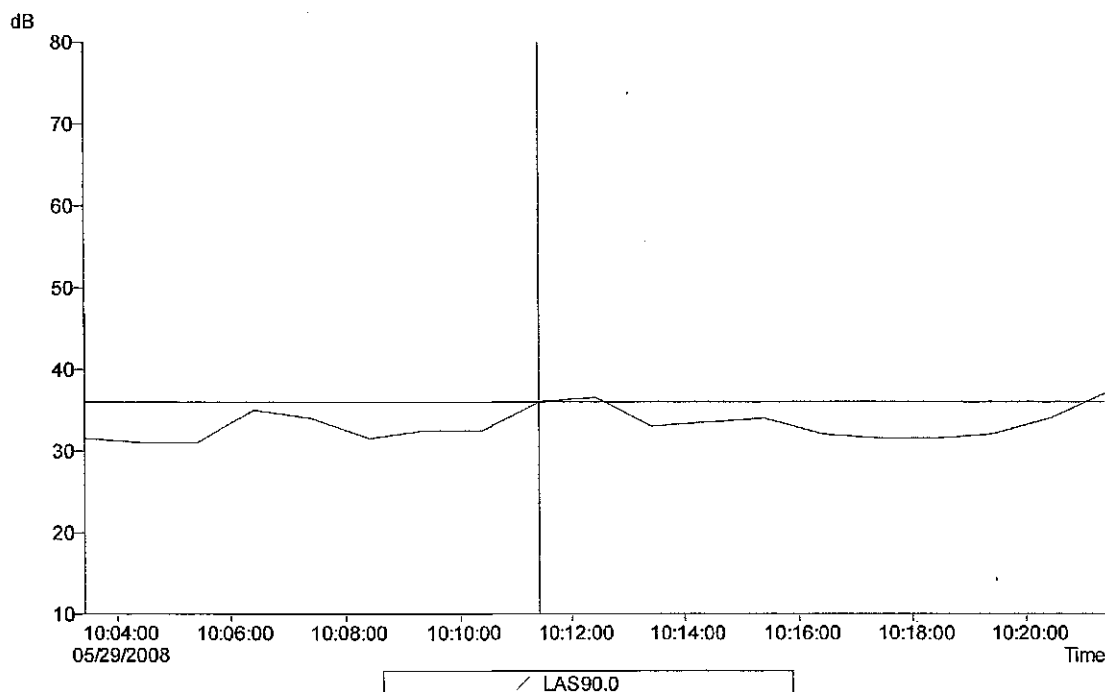
Time history profiles:

Profiles: On
Profile sample interval 1 s
Profile function 1 LASmx
Profile function 2 LASmn

LAS90.0 = 33.4 dB

Friday, June 05, 2008
11:42 PM

Lawn mowing on grounds of golf course raise the background sound levels above natural background. See Golf course evening test for minimums.



C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001005.DTA

Band = Broadband

Overall profile duration = 00:19:16 (19 samples)

Function order = LAS90.0 dB

Cursor 1: Time = 05/29/2008 10:11:24, Level = 36.0 dB, Flags: —

Cursor 2: Time = 05/29/2008 10:20:24, Level = 34.0 dB, Flags: —

Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

- LAS90.0 -

Minimum LAS90.0 = 31.5 dB, On / between the cursors. Time of minimum = 05/29/2008 10:17:24

Maximum LAS90.0 = 36.5 dB, On / between the cursors. Time of maximum = 05/29/2008 10:12:24

Calculated average LAS90.0 = 33.4 dB, On / between the cursors

Band = Broadband

Overall profile duration = 00:19:16 (19 samples)

C:\DOCUMENTS AND SETTINGS\RICK.RRJ-5150\MY DOCUMENTS\MY CLIENTS
\WIND\OHIO\2008-05-27 STUDY\CHAMPAIGN\480\C480-001005.DTA

Function order = LAS90.0 dB

Cursor 1: Time = 05/29/2008 10:11:24, Level = 36.0 dB, Flags: —

Cursor 2: Time = 05/29/2008 10:20:24, Level = 34.0 dB, Flags: —

Duration on / between the cursors = 00:10:00, Flags: , Scale: 1:1

- LAS90.0 -

Minimum LAS90.0 = 31.5 dB, On / between the cursors. Time of minimum =
05/29/2008 10:17:24

Maximum LAS90.0 = 36.5 dB, On / between the cursors. Time of maximum =
05/29/2008 10:12:24

Calculated average LAS90.0 = 33.4 dB, On / between the cursors

573-001 1:17pm 9min McConnells driveway

Friday, June 06, 2008
7:37 PM



Lawn mowing on property raises sound levels to over 50 dBA
At a distance the mowing is about 40 dBA.

CEL SoundTrack - dB2 3.0 © CEL Instruments Ltd 1998

C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0001.DTA

- Run summary -

Instrument CEL-573.C1 Version 6.32 Type 1
Instrument ID (DPB) 114248
Run mode Third-octave band Environmental
Run start 05/28/2008 13:17:54
Run end 05/28/2008 13:27:01
Run duration 000 00:09:07.19
Last calibration 03/19/2008 10:25:57
Measurement range 15 - 90 dB
Microphone response Random Incidence
Polarizing voltage On
Time weighting S
Frequency weighting C, A
Exchange rate (Q) 3
Period time 1 min
Periods too short for LNs Yes
Profiles recorded No
Profile sample interval 1 s
Number of records 9

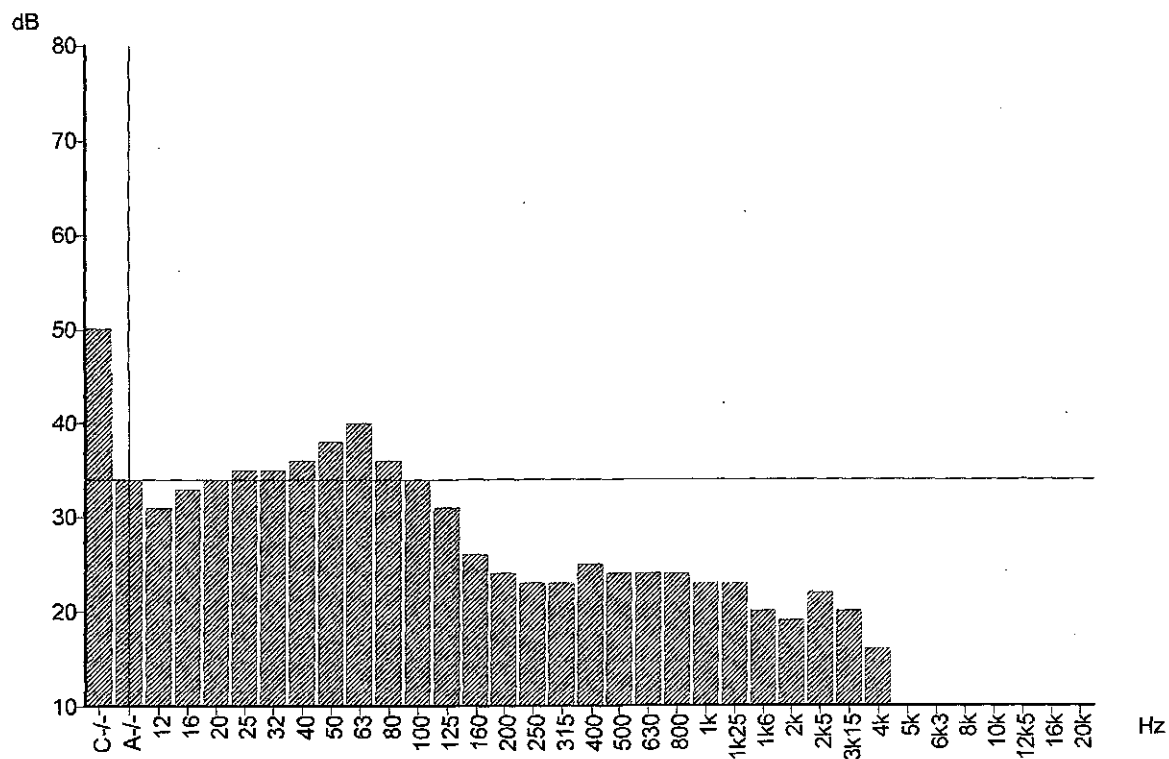
Events enabled No

Overload occurred Yes
Low battery occurred No
Pause was used No

150 1996-2:1987

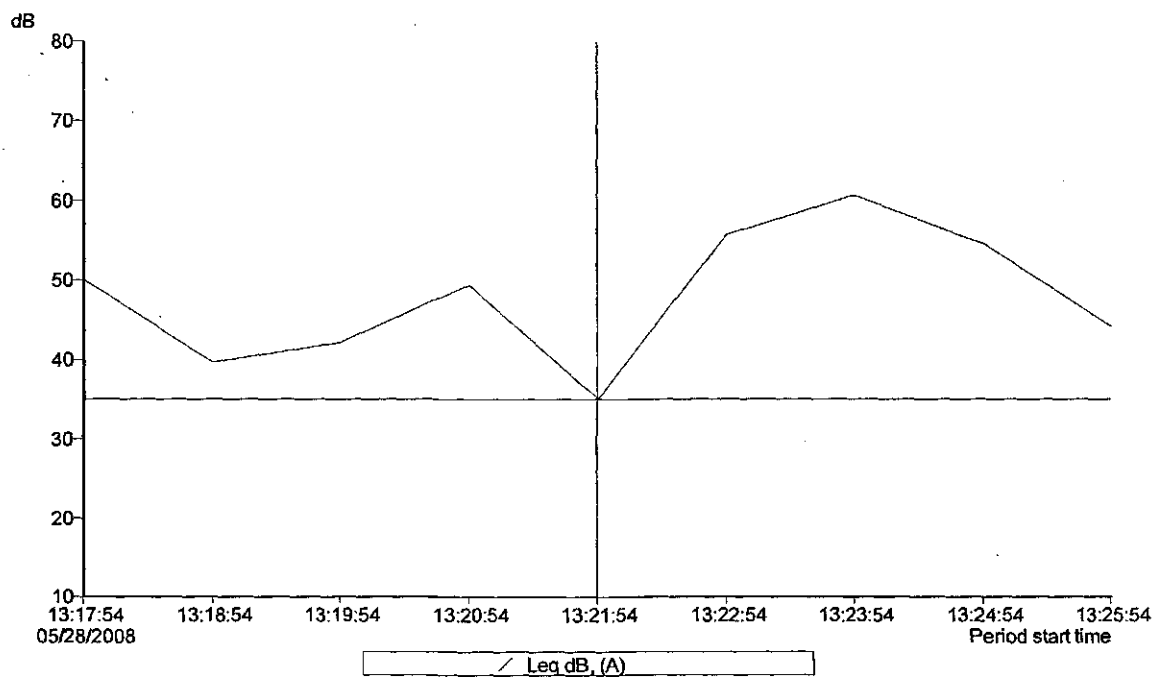
L90 34 dBA

Friday, June 06, 2008
9:08 PM



C:\DOCUVE-1\RIK-1\RMV\DOCU-1\WV\LE-1\WIND\HIO2008-0-1\CH-AMPA-1\DATA\CH-MR001.DTA
Function = L90.0% S
Record start = 06/29/2008 13:17:54
Duration = 000 00:09:07
Record = Cumulative
Flags: 0
Cursor: Band = Broadband, Frequency weighting = A, Level = 34.0 dB

Friday, June 06, 2008
9:09 PM



C:\DOCU\1\RR\1\DOCU-1\MYCUE-1\WINDCH-1\3008-0-1\CHAMPA-1\DATA\CHAMP001.DTA
 Band = Broadband
 Overall profile duration = 000 00:00:00 (9 samples)
 Function order = Leq dB, (A)
 Cursor 1: Time = 05/28/2008 13:21:54, Level = 35.1 dB, Flags: —
 Cursor 2: Time = 05/28/2008 13:25:54, Level = 44.1 dB, Flags: —
 Duration on / between the cursors = 000 00:05:00, Flags: O—, Scale: 1:1

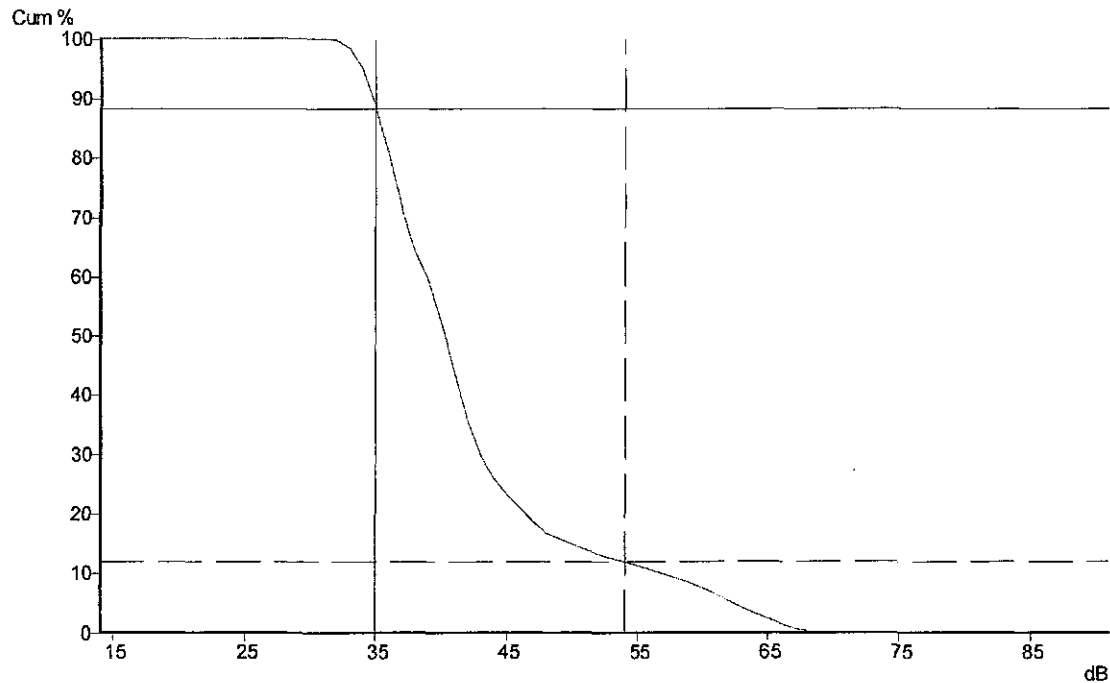
- Leq dB, (A) -

Minimum Leq = 35.1 dB, On / between the cursors. Time of minimum = 05/28/2008 13:21:54
 Maximum Leq = 60.6 dB, On / between the cursors. Time of maximum = 05/28/2008 13:23:54

Calculated average Leq = 53.6 dB, Overall
 Calculated average Leq = 55.8 dB, On / between the cursors
 Calculated average Leq = 47.3 dB, Outside the cursors

34.3 dB

Friday, June 06, 2008
9:11 PM



C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0001.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:09:07.19
Flags: O--
Cursor 1: 35 dB, 88.30% (000 00:08:03)
Cursor 2: 54 dB, 11.90% (000 00:01:05)
Calculated LN5.0% S = 61.9 dB
Calculated LN10.0% S = 56.4 dB
Calculated LN50.0% S = 39.7 dB
Calculated LN90.0% S = 34.3 dB
Calculated LN95.0% S = 33.5 dB

C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1
\CHAMPA~1\DATA\CHMP0001.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:09:07.19
Flags: O--
Cursor 1: 35 dB, 88.30% (000 00:08:03)
Cursor 2: 54 dB, 11.90% (000 00:01:05)
Calculated LN5.0% S = 61.9 dB
Calculated LN10.0% S = 56.4 dB
Calculated LN50.0% S = 39.7 dB
Calculated LN90.0% S = 34.3 dB
Calculated LN95.0% S = 33.5 dB

573-002 2:41pm 26 min bedroom

Friday, June 06, 2008

8:04 PM

CEL SoundTrack - dB2 3.0 © CEL Instruments Ltd 1998

C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0002.DTA

- Run summary -

Instrument CEL-573.C1 Version 6.32 Type 1

Instrument ID (DPB) 114248

Run mode Third-octave band Environmental

Run start 05/28/2008 14:41:10

Run end 05/28/2008 15:07:12

Run duration 000 00:26:02.21

Last calibration 05/28/2008 13:34:59

Measurement range 5 - 80 dB

Microphone response Random Incidence

Polarizing voltage On

Time weighting S

Frequency weighting C, A

Exchange rate (Q) 3

Period time 1 min

Periods too short for LNs Yes

Profiles recorded No

Profile sample interval 1 s

Number of records 26

Events enabled No

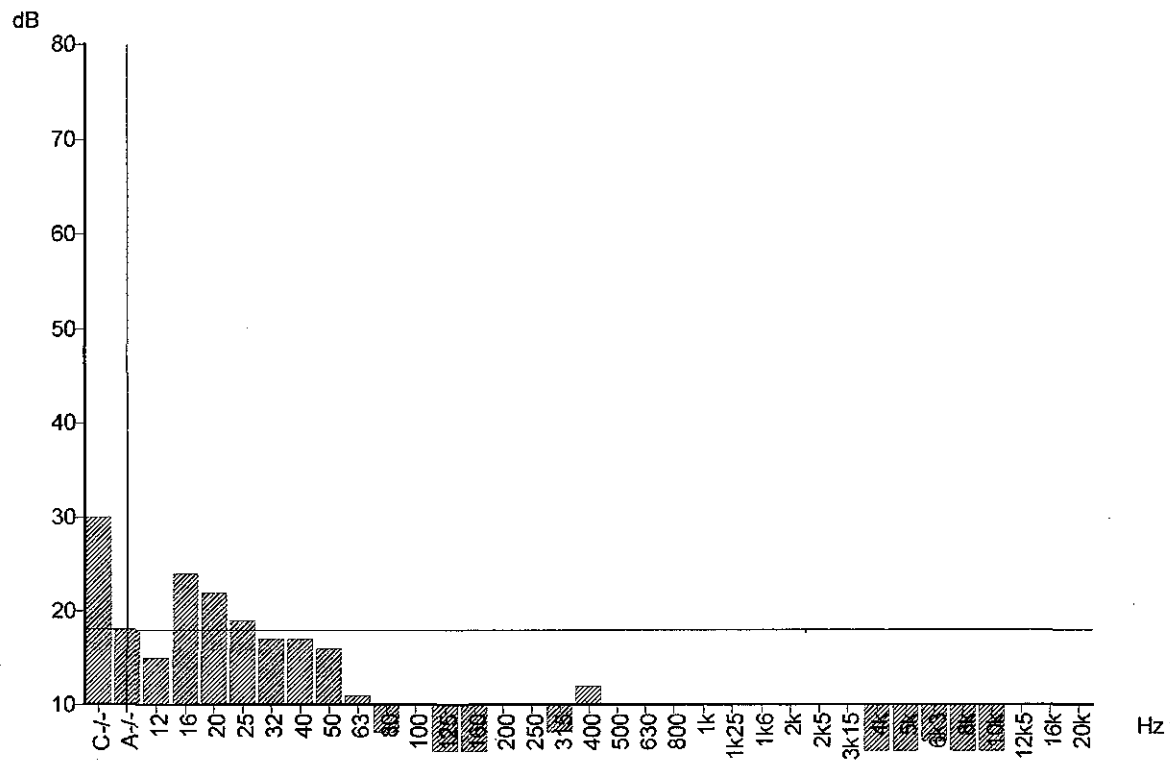
Overload occurred Yes

Low battery occurred No

Pause was used Yes

L₉₀ 18 dBA

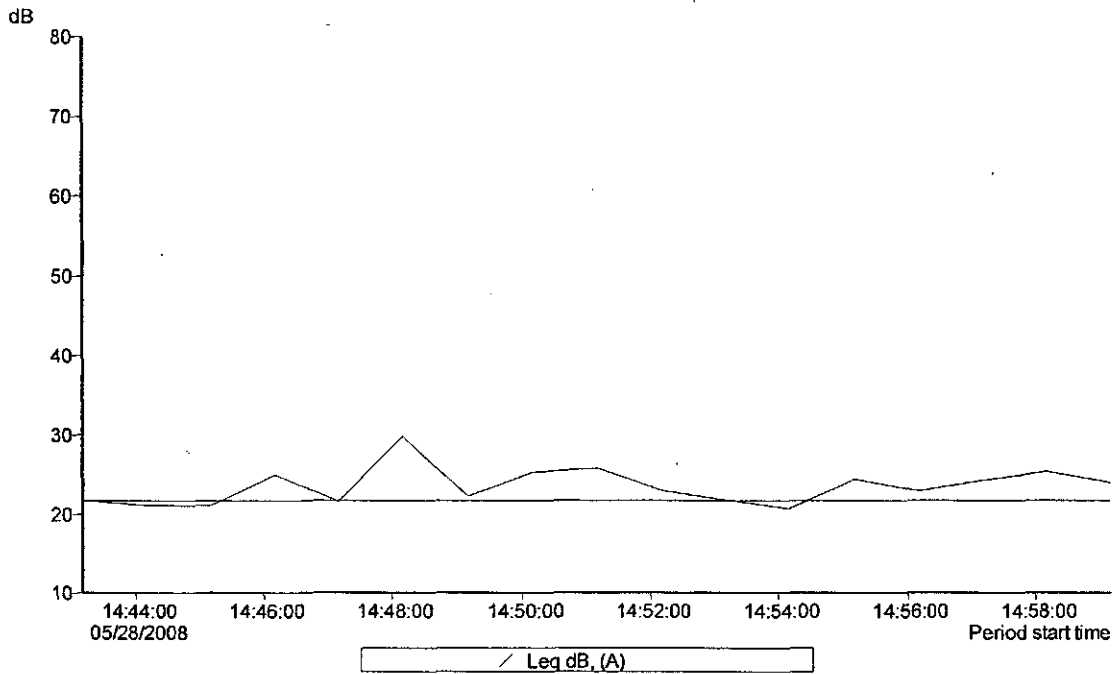
Friday, June 06, 2008
9:16 PM



C:\DOCUVE-1\FIC-1\RR\MYDOCU-1\MYCLE-1\INDICHO2008-0-1\CHAMPA-1\DATA\CHM002.DTA
Function = LN80.0% S
Record start = 05/28/2008 14:41:10
Duration = 000 00:25:02
Record = Cumulative
Flags: Q-P
Cursor: Band = Broadband, Frequency weighting = A, Level = 18.0 dB

Minimum Leq = 20.6 dB

Friday, June 05, 2008
9:19 PM



C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0002.DTA

Band = Broadband

Overall profile duration = 000 00:26:00 (26 samples)

Function order = Leq dB, (A)

Cursor 1: Time = 05/28/2008 14:43:10, Level = 21.6 dB, Flags: ---

Cursor 2: Time = 05/28/2008 14:59:10, Level = 23.9 dB, Flags: ---

Duration on / between the cursors = 000 00:17:00, Flags: ---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 20.6 dB, On / between the cursors. Time of minimum = 05/28/2008 14:54:10

Maximum Leq = 29.7 dB, On / between the cursors. Time of maximum = 05/28/2008 14:48:10

Calculated average Leq = 31.9 dB, Overall

Calculated average Leq = 24.1 dB, On / between the cursors

Calculated average Leq = 36.0 dB, Outside the cursors

C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1

\CHAMPA~1\DATA\CHMP0002.DTA

Band = Broadband

Overall profile duration = 000 00:26:00 (26 samples)

Function order = Leq dB, (A)

Cursor 1: Time = 05/28/2008 14:43:10, Level = 21.6 dB, Flags: ---

Cursor 2: Time = 05/28/2008 14:59:10, Level = 23.9 dB, Flags: ---

Duration on / between the cursors = 000 00:17:00, Flags: ---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 20.6 dB, On / between the cursors. Time of minimum =

05/28/2008 14:54:10

Maximum Leq = 29.7 dB, On / between the cursors. Time of maximum =

05/28/2008 14:48:10

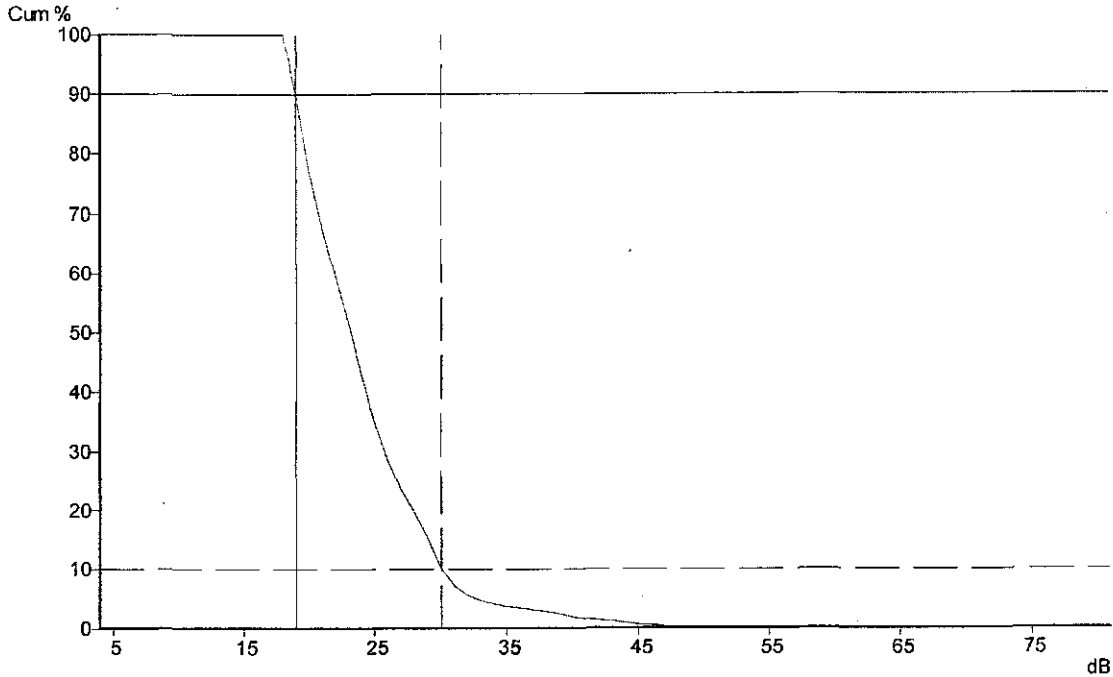
Calculated average Leq = 31.9 dB, Overall

Calculated average Leq = 24.1 dB, On / between the cursors

Calculated average Leq = 36.0 dB, Outside the cursors

LN90.0% S = 18.5 dB

Friday, June 06, 2008
9:21 PM



C:\DOCUME~1\RICK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0002.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:26:02.21
Flags: O-P-
Cursor 1: 19 dB, 89.98% (000 00:23:21)
Cursor 2: 30 dB, 10.02% (000 00:02:36)
Calculated LN5.0% S = 32.2 dB
Calculated LN10.0% S = 29.5 dB
Calculated LN50.0% S = 22.7 dB
Calculated LN80.0% S = 18.5 dB
Calculated LN95.0% S = 18.0 dB

C:\DOCUME~1\RICK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1
\CHAMPA~1\DATA\CHMP0002.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:26:02.21
Flags: O-P-
Cursor 1: 19 dB, 89.98% (000 00:23:21)
Cursor 2: 30 dB, 10.02% (000 00:02:36)
Calculated LN5.0% S = 32.2 dB
Calculated LN10.0% S = 29.5 dB
Calculated LN50.0% S = 22.7 dB
Calculated LN90.0% S = 18.5 dB
Calculated LN95.0% S = 18.0 dB

573-003 5:02 pm 32 min. Peace

Friday, June 06, 2008

8:04 PM

CEL SoundTrack - dB2 3.0 © CEL Instruments Ltd 1998

C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0003.DTA

- Run summary -

Instrument CEL-573.C1 Version 6.32 Type 1

Instrument ID (DPB) 114248

Run mode Third-octave band Environmental

Run start 05/28/2008 17:02:27

Run end 05/28/2008 17:34:31

Run duration 000 00:32:04.43

Last calibration 05/28/2008 13:34:59

Measurement range 5 - 80 dB

Microphone response Random Incidence

Polarizing voltage On

Time weighting S

Frequency weighting C, A

Exchange rate (Q) 3

Period time 1 min

Periods too short for LNs Yes

Profiles recorded No

Profile sample interval 1 s

Number of records 32

Events enabled No

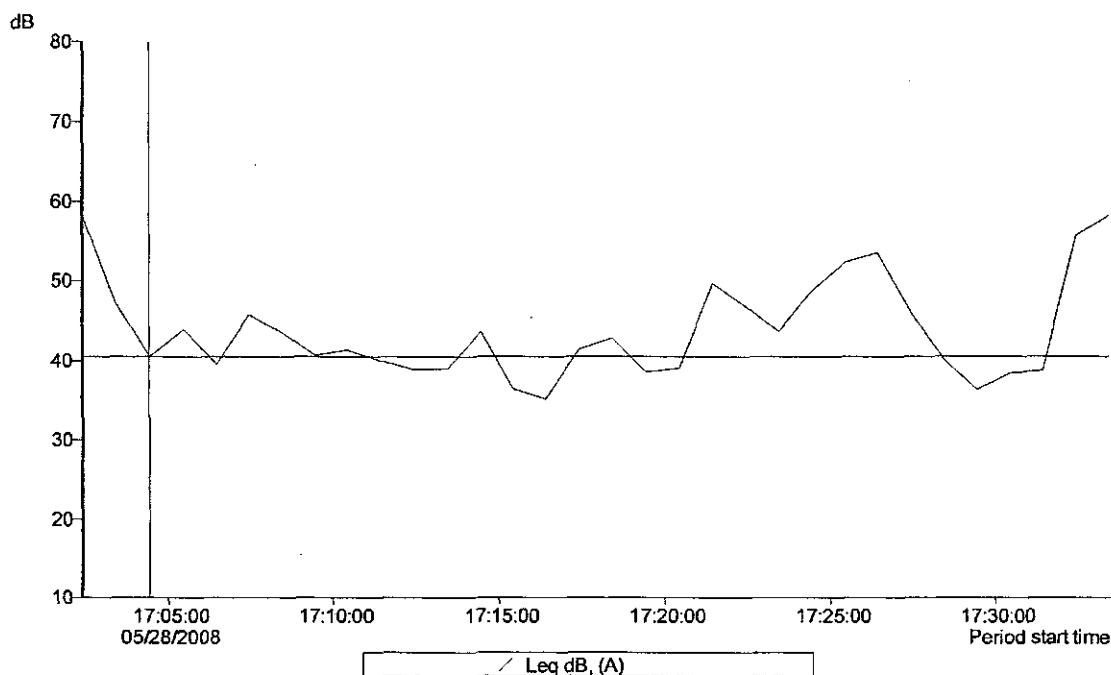
Overload occurred Yes

Low battery occurred No

Pause was used Yes

Minimum Leq = 35.1 dB

Friday, June 06, 2008
9:27 PM



C:\DOCUME~1\RIK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0003.DTA

Band = Broadband
Overall profile duration = 000 00:32:00 (32 samples)
Function order = Leq dB, (A)
Cursor 1: Time = 05/28/2008 17:04:27, Level = 40.5 dB, Flags: O--
Cursor 2: Time = 05/28/2008 17:16:27, Level = 35.1 dB, Flags: O--
Duration on / between the cursors = 000 00:13:00, Flags: O--, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 35.1 dB, On / between the cursors. Time of minimum = 05/28/2008 17:16:27
Maximum Leq = 45.7 dB, On / between the cursors. Time of maximum = 05/28/2008 17:07:27

Calculated average Leq = 49.2 dB, Overall
Calculated average Leq = 41.5 dB, On / between the cursors
Calculated average Leq = 51.2 dB, Outside the cursors

C:\DOCUME~1\RIK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0003.DTA

Band = Broadband
Overall profile duration = 000 00:32:00 (32 samples)
Function order = Leq dB, (A)
Cursor 1: Time = 05/28/2008 17:04:27, Level = 40.5 dB, Flags: O--
Cursor 2: Time = 05/28/2008 17:16:27, Level = 35.1 dB, Flags: O--
Duration on / between the cursors = 000 00:13:00, Flags: O--, Scale: 1:1

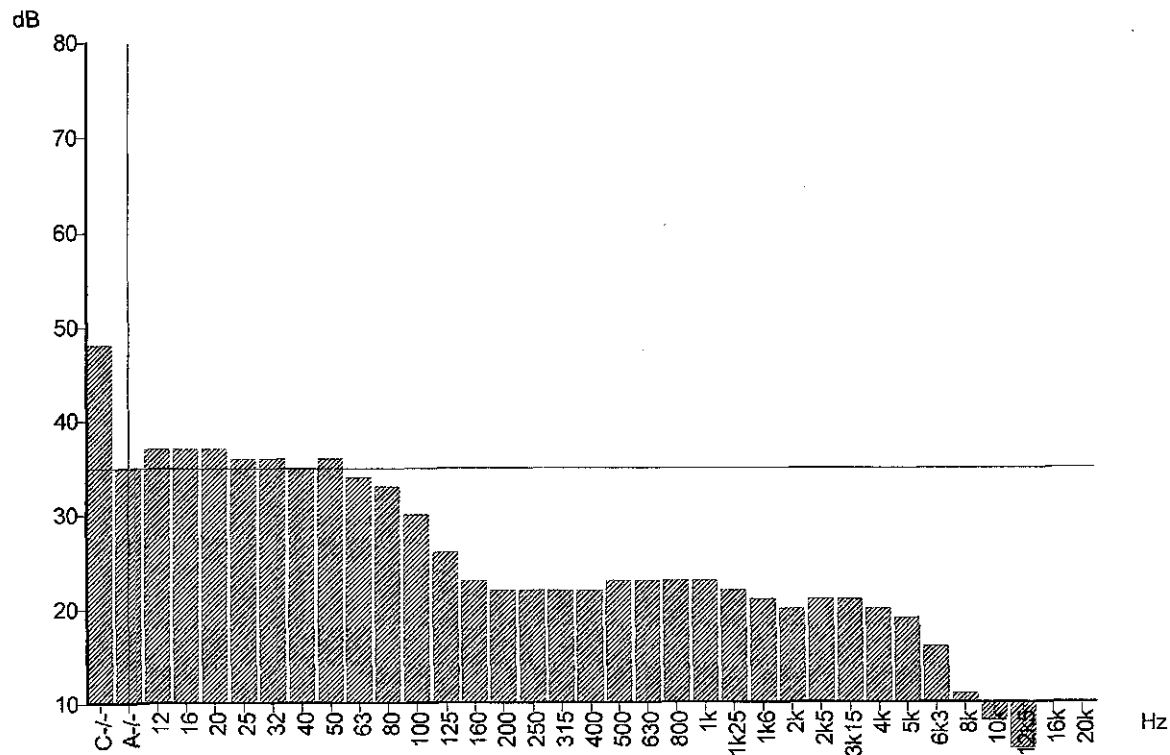
- Leq dB, (A) -

Minimum Leq = 35.1 dB, On / between the cursors. Time of minimum = 05/28/2008 17:16:27
Maximum Leq = 45.7 dB, On / between the cursors. Time of maximum = 05/28/2008 17:07:27

Calculated average Leq = 49.2 dB, Overall
Calculated average Leq = 41.5 dB, On / between the cursors
Calculated average Leq = 51.2 dB, Outside the cursors

35 dBA

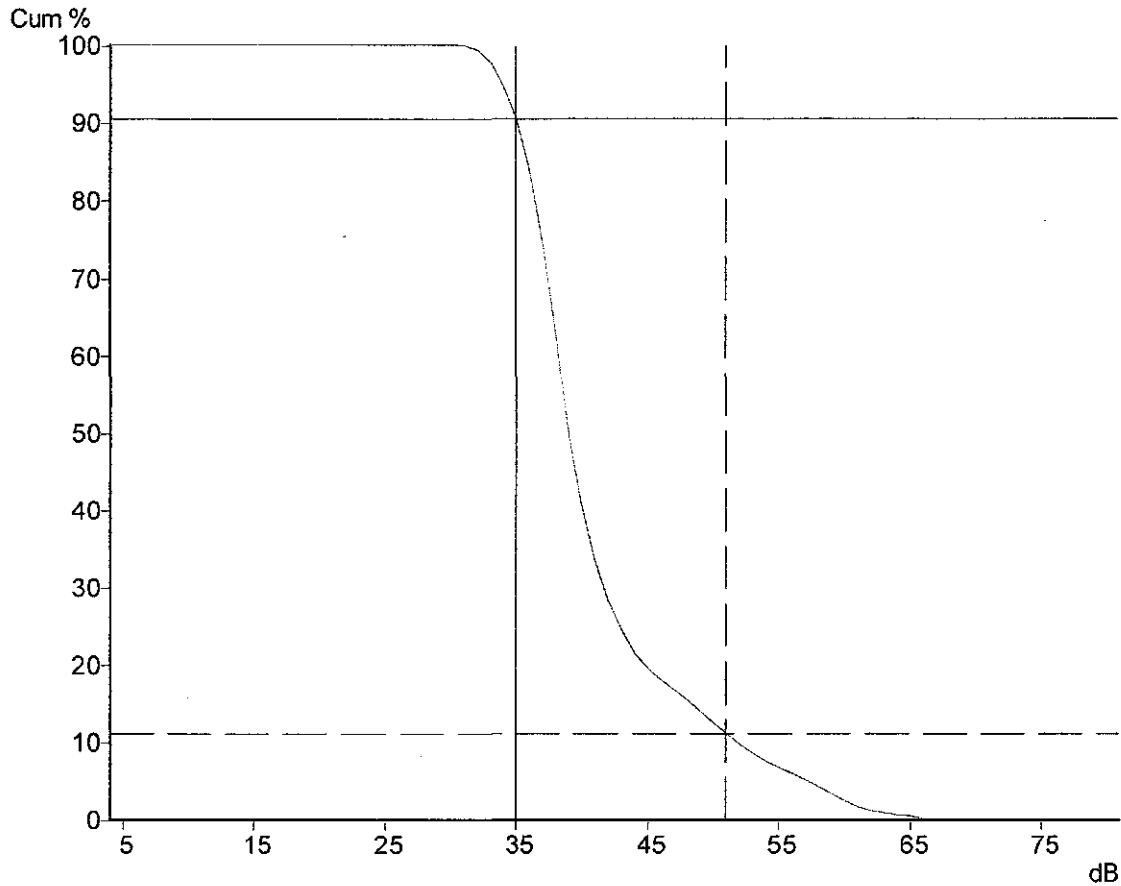
Friday, June 06, 2008
9:29 PM



C:\DOCLINE-1\ROCK-1\FRUMY\DOCU-1\WYQLE-1\WINDCHIO2008-0-1\Q-1\MPA-1\DATA\CHM\F0003.DTA
Function = LN60.0% S
Record start = 05/29/2008 17:02:27
Duration = 000 00:32:04
Record = Cumulative
Flags: O-P
Cursor: Band = Broadband, Frequency weighting = A, Level = 35.0 dB

LN90.0% S = 34.6 dB

Friday, June 06, 2008
9:30 PM



C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1
\CHAMPA~1\DATA\CHMP0003.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:32:04.43
Flags: O-P-
Cursor 1: 35 dB, 90.59% (000 00:29:00)
Cursor 2: 51 dB, 11.21% (000 00:03:35)
Calculated LN5.0% S = 56.7 dB
Calculated LN10.0% S = 51.4 dB
Calculated LN50.0% S = 38.5 dB
Calculated LN90.0% S = 34.6 dB
Calculated LN95.0% S = 33.4 dB

573-004 5:48pm 51 min. Gordon

Friday, June 06, 2008
8:05 PM

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C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0004.DTA

- Run summary -

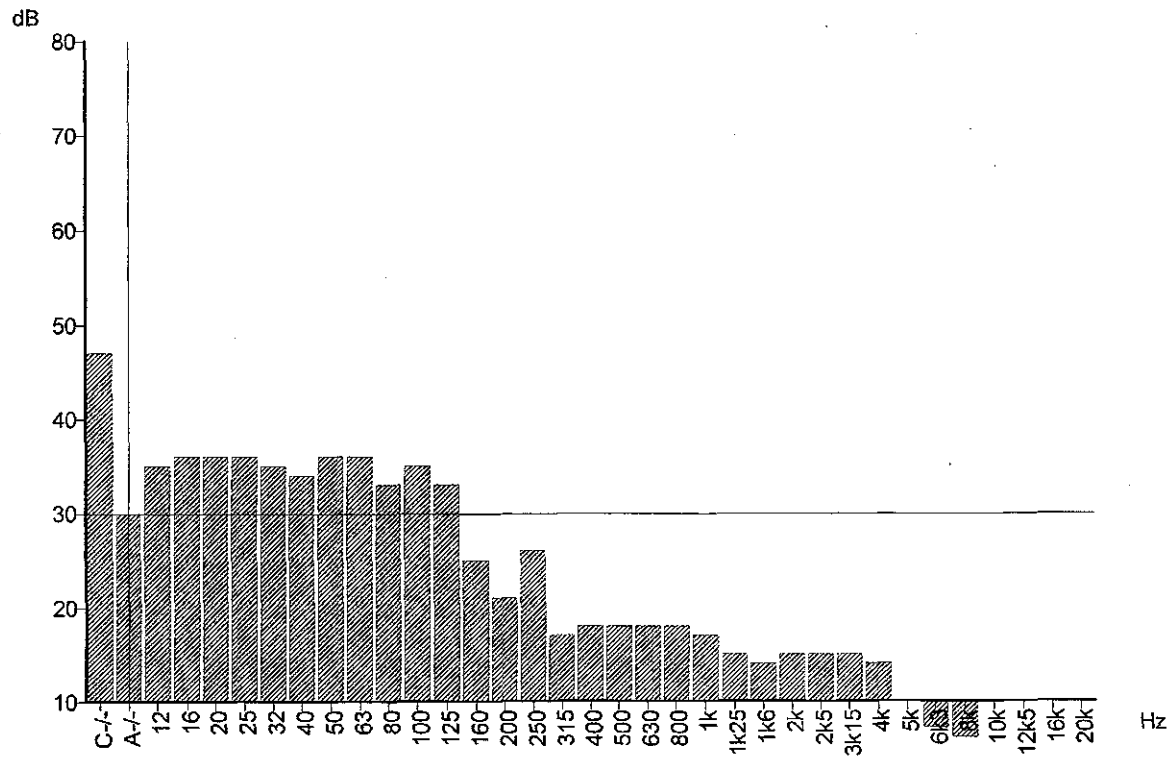
Instrument CEL-573.C1 Version 6.32 Type 1
Instrument ID (DPB) 114248
Run mode Third-octave band Environmental
Run start 05/28/2008 17:47:53
Run end 05/28/2008 18:38:53
Run duration 000 00:51:00.97
Last calibration 05/28/2008 13:34:59
Measurement range 5 - 80 dB
Microphone response Random Incidence
Polarizing voltage On
Time weighting S
Frequency weighting C, A
Exchange rate (Q) 3
Period time 1 min
Periods too short for LNs Yes
Profiles recorded No
Profile sample interval 1 s
Number of records 51

Events enabled No

Overload occurred Yes
Low battery occurred No
Pause was used Yes

L90 30 dBA

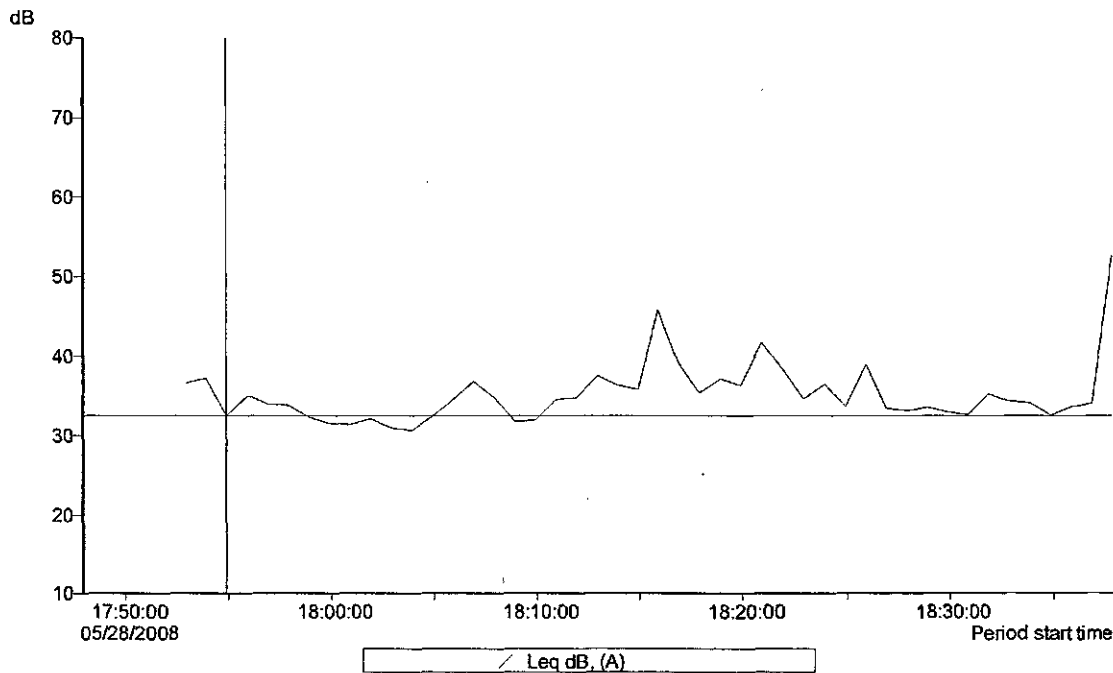
Friday, June 06, 2008
9:32 PM



C:\DOCLINE-1\BICK-1.FRM\DOCU-1\WYCLE-1\WINDCHD2008-0-1\CH-1\MPA-1\DATA\CHM0004.DTA
Function = LN90.0% S
Record start = 05/29/2008 17:47:53
Duration = 000 00:51:00
Record = Cumulative
Flags: O.P.
Cursor: Band = Broadband, Frequency weighting = A, Level = 30.0 dB

Minimum Leq = 30.6 dB

Friday, June 06, 2008
9:33 PM



C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0-1\CHAMPA~1\DATA\CHMP0004.DTA
Band = Broadband
Overall profile duration = 000 00:51:00 (51 samples)
Function order = Leq dB, (A)
Cursor 1: Time = 05/28/2008 17:54:53, Level = 32.5 dB, Flags: O—
Cursor 2: Time = 05/28/2008 18:36:53, Level = 34.0 dB, Flags: O—
Duration on / between the cursors = 000 00:43:00, Flags: O-P-, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 30.6 dB, On / between the cursors. Time of minimum = 05/28/2008 18:03:53
Maximum Leq = 45.8 dB, On / between the cursors. Time of maximum = 05/28/2008 18:15:53

Calculated average Leq = 40.1 dB, Overall
Calculated average Leq = 36.1 dB, On / between the cursors
Calculated average Leq = 46.4 dB, Outside the cursors

C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0-1
\CHAMPA~1\DATA\CHMP0004.DTA

Band = Broadband

Overall profile duration = 000 00:51:00 (51 samples)

Function order = Leq dB, (A)

Cursor 1: Time = 05/28/2008 17:54:53, Level = 32.5 dB, Flags: O—

Cursor 2: Time = 05/28/2008 18:36:53, Level = 34.0 dB, Flags: O—

Duration on / between the cursors = 000 00:43:00, Flags: O-P-, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 30.6 dB, On / between the cursors. Time of minimum =
05/28/2008 18:03:53

Maximum Leq = 45.8 dB, On / between the cursors. Time of maximum =
05/28/2008 18:15:53

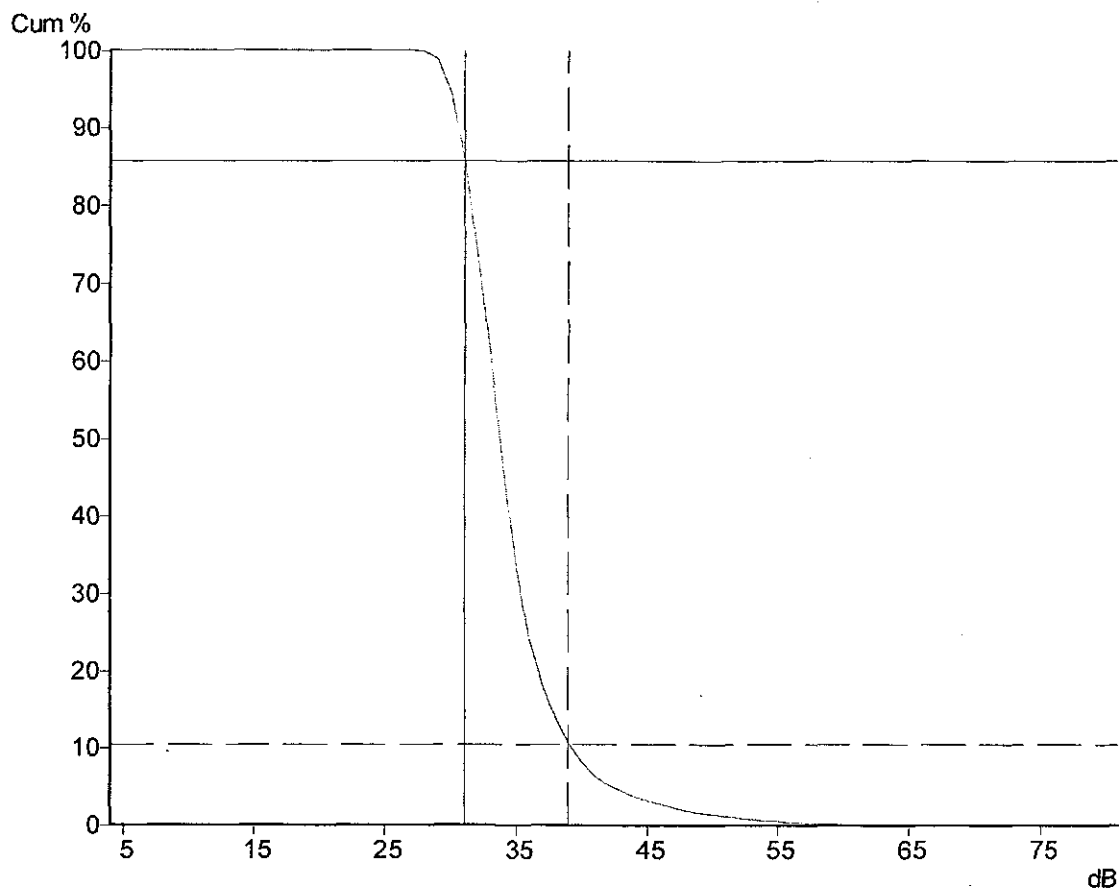
Calculated average Leq = 40.1 dB, Overall

Calculated average Leq = 36.1 dB, On / between the cursors

Calculated average Leq = 46.4 dB, Outside the cursors

LN_{90.0%} = 30.0 dB

Friday, June 06, 2008
9:34 PM



C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1
\CHAMPA~1\DATA\CHMP0004.DTA

Band = Broadband

Frequency weighting = A

Duration = 000 00:51:00.97

Flags: O-P-

Cursor 1: 31 dB, 85.82% (000 00:39:25)

Cursor 2: 39 dB, 10.56% (000 00:04:51)

Calculated LN5.0% S = 41.9 dB

Calculated LN10.0% S = 38.8 dB

Calculated LN50.0% S = 33.2 dB

Calculated LN90.0% S = 30.0 dB

Calculated LN95.0% S = 29.4 dB

573-005 6:45 15 min Gordon Bedroom

Friday, June 06, 2008
8:05 PM

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C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0005.DTA

- Run summary -

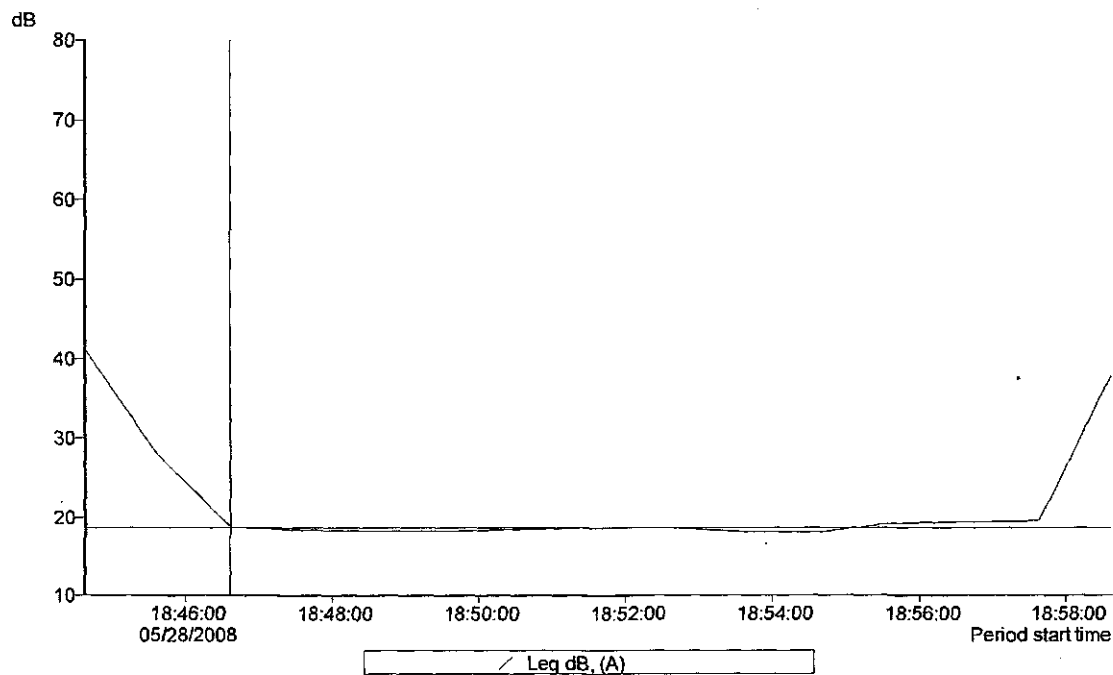
Instrument CEL-573.C1 Version 6.32 Type 1
Instrument ID (DPB) 114248
Run mode Third-octave band Environmental
Run start 05/28/2008 18:44:37
Run end 05/28/2008 18:59:56
Run duration 000 00:15:19.77
Last calibration 05/28/2008 13:34:59
Measurement range 5 - 80 dB
Microphone response Random Incidence
Polarizing voltage On
Time weighting S
Frequency weighting C, A
Exchange rate (Q) 3
Period time 1 min
Periods too short for LNs Yes
Profiles recorded No
Profile sample interval 1 s
Number of records 15

Events enabled No

Overload occurred Yes
Low battery occurred No
Pause was used Yes

Minimum L_{eq} 18 dBA

Friday, June 06, 2008
10:01 PM



C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLUE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0005.DTA
Band = Broadband
Overall profile duration = 000 00:15:00 (15 samples)
Function order = Leq dB, (A)
Cursor 1: Time = 05/28/2008 18:46:37, Level = 18.6 dB, Flags: ---
Cursor 2: Time = 05/28/2008 18:57:37, Level = 19.5 dB, Flags: ---
Duration on / between the cursors = 000 00:12:00, Flags: O---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 18.0 dB, On / between the cursors. Time of minimum = 05/28/2008 18:54:37
Maximum Leq = 19.5 dB, On / between the cursors. Time of maximum = 05/28/2008 18:57:37

Calculated average Leq = 31.4 dB, Overall
Calculated average Leq = 18.6 dB, On / between the cursors
Calculated average Leq = 38.2 dB, Outside the cursors

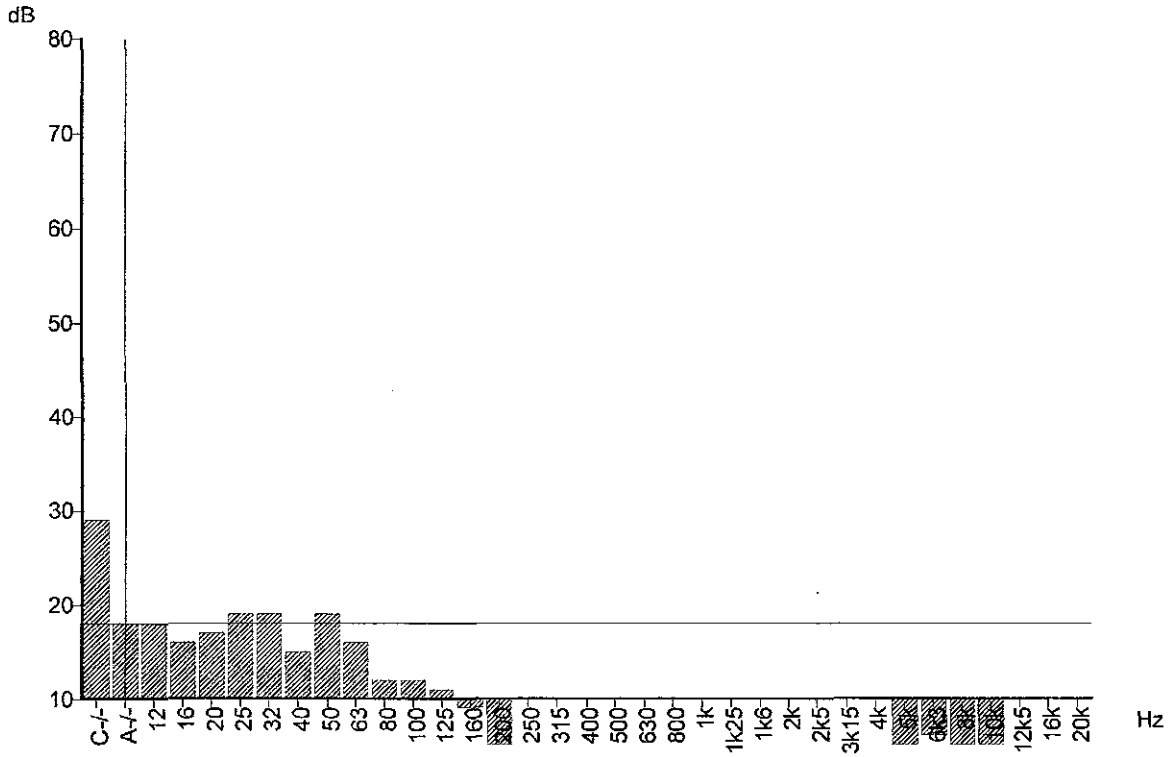
C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLUE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0005.DTA
Band = Broadband
Overall profile duration = 000 00:15:00 (15 samples)
Function order = Leq dB, (A)
Cursor 1: Time = 05/28/2008 18:46:37, Level = 18.6 dB, Flags: ---
Cursor 2: Time = 05/28/2008 18:57:37, Level = 19.5 dB, Flags: ---
Duration on / between the cursors = 000 00:12:00, Flags: O---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 18.0 dB, On / between the cursors. Time of minimum = 05/28/2008 18:54:37
Maximum Leq = 19.5 dB, On / between the cursors. Time of maximum = 05/28/2008 18:57:37

Calculated average Leq = 31.4 dB, Overall
Calculated average Leq = 18.6 dB, On / between the cursors
Calculated average Leq = 38.2 dB, Outside the cursors

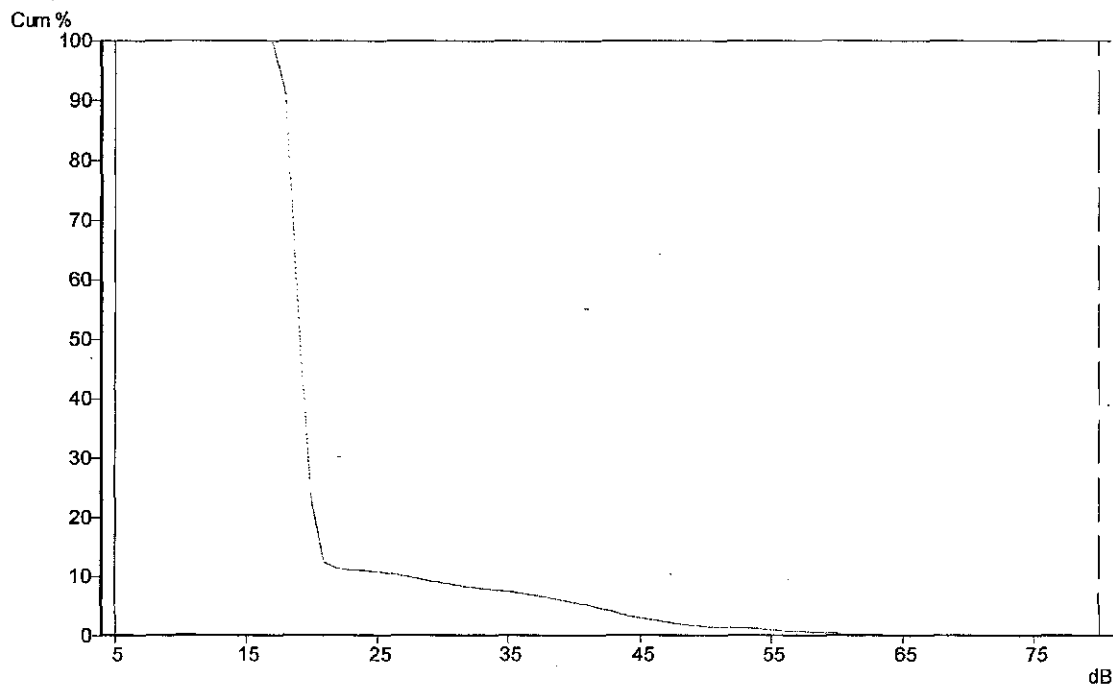
Friday, June 06, 2008
10:03 PM



C:\NDQUJE-1\RDQ-1\FRMWDOCU-1\WV\CLE-1\WINDCHO2008-0-1\CHAMPA-1\DATA\CH-MP0005.DTA
Function = UNO.0% S
Record start = 05/28/2008 18:44:37
Duration = 00:00:15:19
Record = Cumulative
Flags: Q-P
Cursor: Band = Broadband, Frequency weighting = A, Level = 18.0 dB

LN90.0% S = 17.5 dB

Friday, June 06, 2008
10:05 PM



C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0005.DTA

Band = Broadband

Frequency weighting = A

Duration = 000 00:15:19.77

Flags: O-P-

Cursor 1: 5 dB, 100.00% (000 00:15:19)

Cursor 2: 80 dB, 0.00% (000 00:00:00)

Calculated LN5.0% S = 41.0 dB

Calculated LN10.0% S = 26.9 dB

Calculated LN50.0% S = 18.6 dB

Calculated LN90.0% S = 17.5 dB

Calculated LN95.0% S = 17.0 dB

C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1

\CHAMPA~1\DATA\CHMP0005.DTA

Band = Broadband

Frequency weighting = A

Duration = 000 00:15:19.77

Flags: O-P-

Cursor 1: 5 dB, 100.00% (000 00:15:19)

Cursor 2: 80 dB, 0.00% (000 00:00:00)

Calculated LN5.0% S = 41.0 dB

Calculated LN10.0% S = 26.9 dB

Calculated LN50.0% S = 18.6 dB

Calculated LN90.0% S = 17.5 dB

Calculated LN95.0% S = 17.0 dB

573-006 8:11pm 15 min. Johnson Windy test on driveway

Friday, June 06, 2008
8:05 PM

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C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0006.DTA

- Run summary -

Instrument CEL-573.C1 Version 6.32 Type 1
Instrument ID (DPB) 114248
Run mode Third-octave band Environmental
Run start 05/28/2008 20:11:07
Run end 05/28/2008 20:25:53
Run duration 000 00:14:46.97
Last calibration 05/28/2008 13:34:59
Measurement range 5 - 80 dB
Microphone response Random Incidence
Polarizing voltage On
Time weighting S
Frequency weighting C, A
Exchange rate (Q) 3
Period time 1 min
Periods too short for LNs Yes
Profiles recorded No
Profile sample interval 1 s
Number of records 14

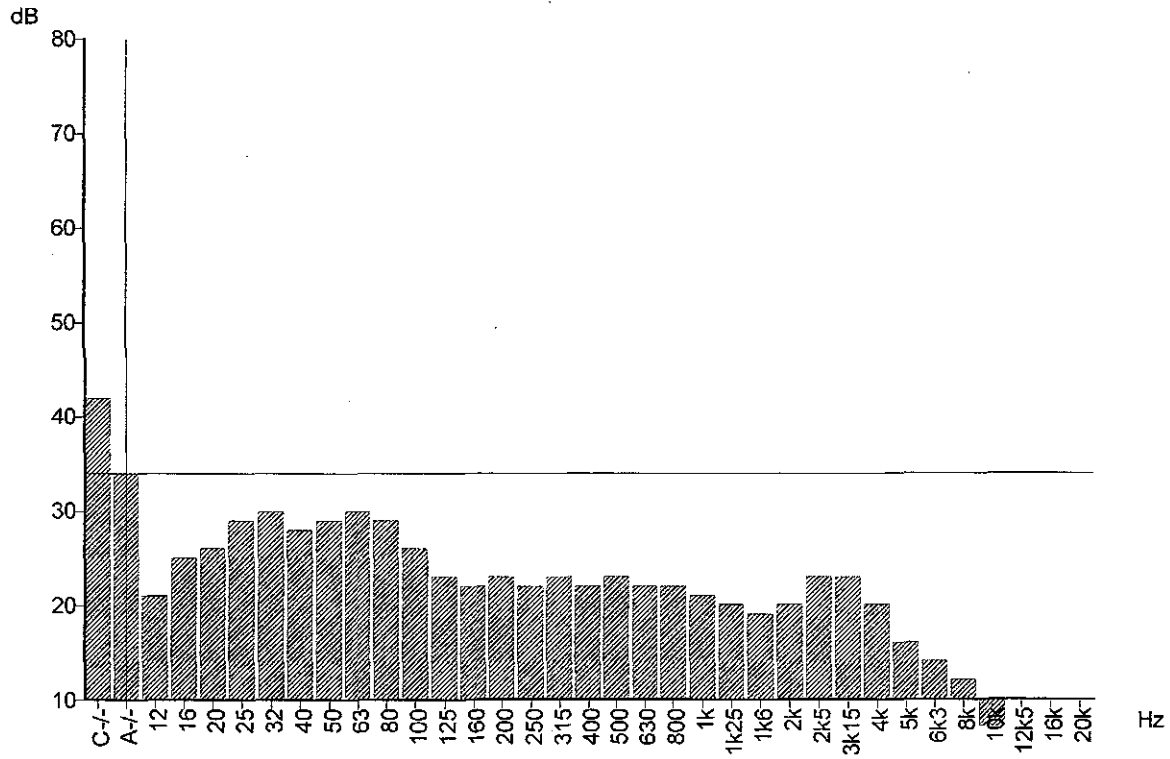
Events enabled No

Overload occurred Yes
Low battery occurred No
Pause was used Yes

Winds in trees near the meter were causing leaf noise that was fairly steady. The L90 is set by this sound. Note that winds were in the range of z to z' which the wind industry would tell us produces sounds sufficient to mask the turbines. If the turbines were producing 40 dBA at this site the wind noise would not be sufficient to mask it. Instead the turbine would mask the wind noise.

L90 34 dBA

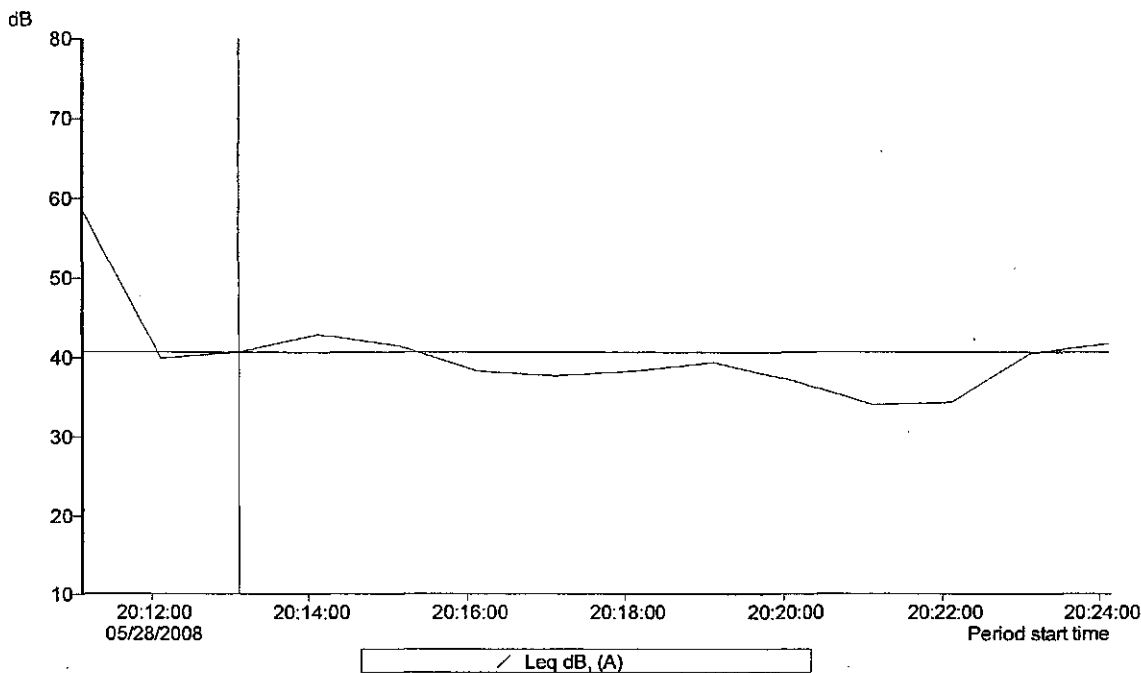
Friday, June 06, 2008
10:08 PM



C:\DOCU-1\ROK-1.RRIMVDOCU-1\MYCLE-1\WINDCHIO2008-0-1\CHAMPA-1\DATA\CHMF006.DTA
 Function = LN80.0% S
 Record start = 05/29/2008 20:11:07
 Duration = 000 00:14:46
 Record = Cumulative
 Flags: O-P
 Cursor: Band = Broadband, Frequency weighting = A, Level = 34.0 dB

Minimum Leq = 33.9 dB

Friday, June 06, 2008
10:11 PM



C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0006.DTA
Band = Broadband
Overall profile duration = 000 00:14:00 (14 samples)
Function order = Leq dB, (A)
Cursor 1: Time = 05/28/2008 20:13:07, Level = 40.6 dB, Flags: ---
Cursor 2: Time = 05/28/2008 20:22:07, Level = 34.2 dB, Flags: ---
Duration on / between the cursors = 000 00:10:00, Flags: O---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 33.9 dB, On / between the cursors. Time of minimum = 05/28/2008 20:21:07
Maximum Leq = 42.8 dB, On / between the cursors. Time of maximum = 05/28/2008 20:14:07

Calculated average Leq = 47.7 dB, Overall
Calculated average Leq = 39.1 dB, On / between the cursors
Calculated average Leq = 52.7 dB, Outside the cursors

C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1
\CHAMPA~1\DATA\CHMP0006.DTA

Band = Broadband

Overall profile duration = 000 00:14:00 (14 samples)

Function order = Leq dB, (A)

Cursor 1: Time = 05/28/2008 20:13:07, Level = 40.6 dB, Flags: ---

Cursor 2: Time = 05/28/2008 20:22:07, Level = 34.2 dB, Flags: ---

Duration on / between the cursors = 000 00:10:00, Flags: O---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 33.9 dB, On / between the cursors. Time of minimum =
05/28/2008 20:21:07

Maximum Leq = 42.8 dB, On / between the cursors. Time of maximum =
05/28/2008 20:14:07

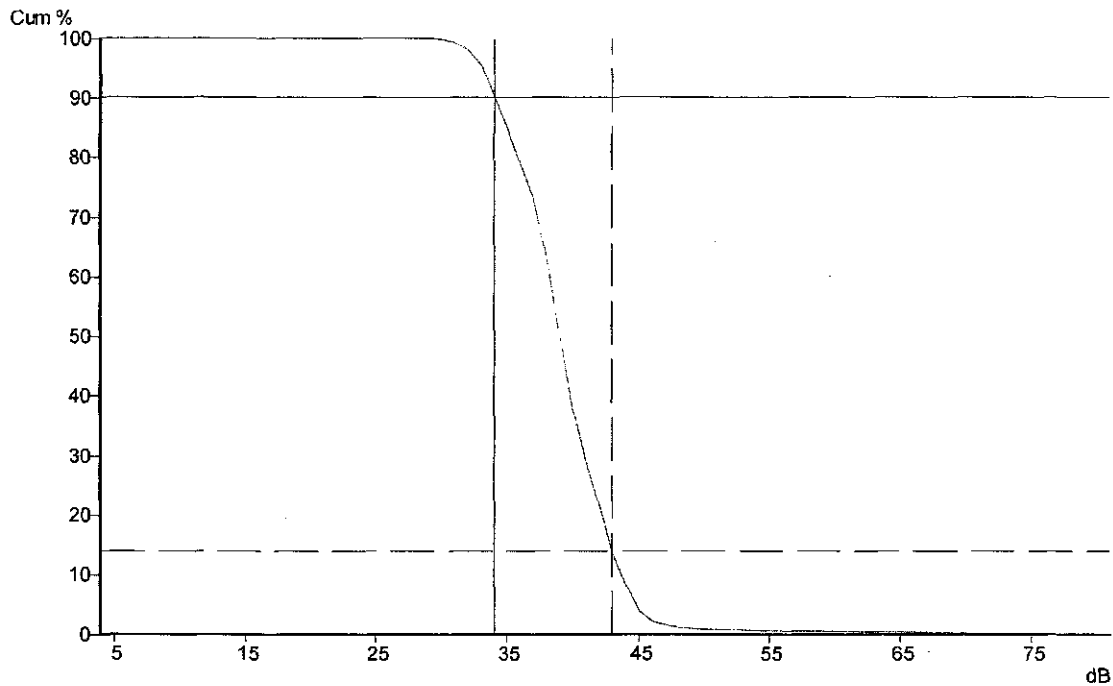
Calculated average Leq = 47.7 dB, Overall

Calculated average Leq = 39.1 dB, On / between the cursors

Calculated average Leq = 52.7 dB, Outside the cursors

LN90.0% = 33.6 dB

Friday, June 06, 2008
10:12 PM



C:\DOCUME~1\RICK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0006.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:14:46.97
Flags: O-P-
Cursor 1: 34 dB, 90.23% (000 00:12:49)
Cursor 2: 43 dB, 13.96% (000 00:01:59)
Calculated LN5.0% S = 44.3 dB
Calculated LN10.0% S = 43.2 dB
Calculated LN50.0% S = 38.6 dB
Calculated LN90.0% S = 33.6 dB
Calculated LN95.0% S = 32.6 dB

C:\DOCUME~1\RICK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1
\CHAMPA~1\DATA\CHMP0006.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:14:46.97
Flags: O-P-
Cursor 1: 34 dB, 90.23% (000 00:12:49)
Cursor 2: 43 dB, 13.96% (000 00:01:59)
Calculated LN5.0% S = 44.3 dB
Calculated LN10.0% S = 43.2 dB
Calculated LN50.0% S = 38.6 dB
Calculated LN90.0% S = 33.6 dB
Calculated LN95.0% S = 32.6 dB

573-007 8:38pm 15 min Golf Course

Friday, June 06, 2008
8:05 PM

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C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0007.DTA

- Run summary -

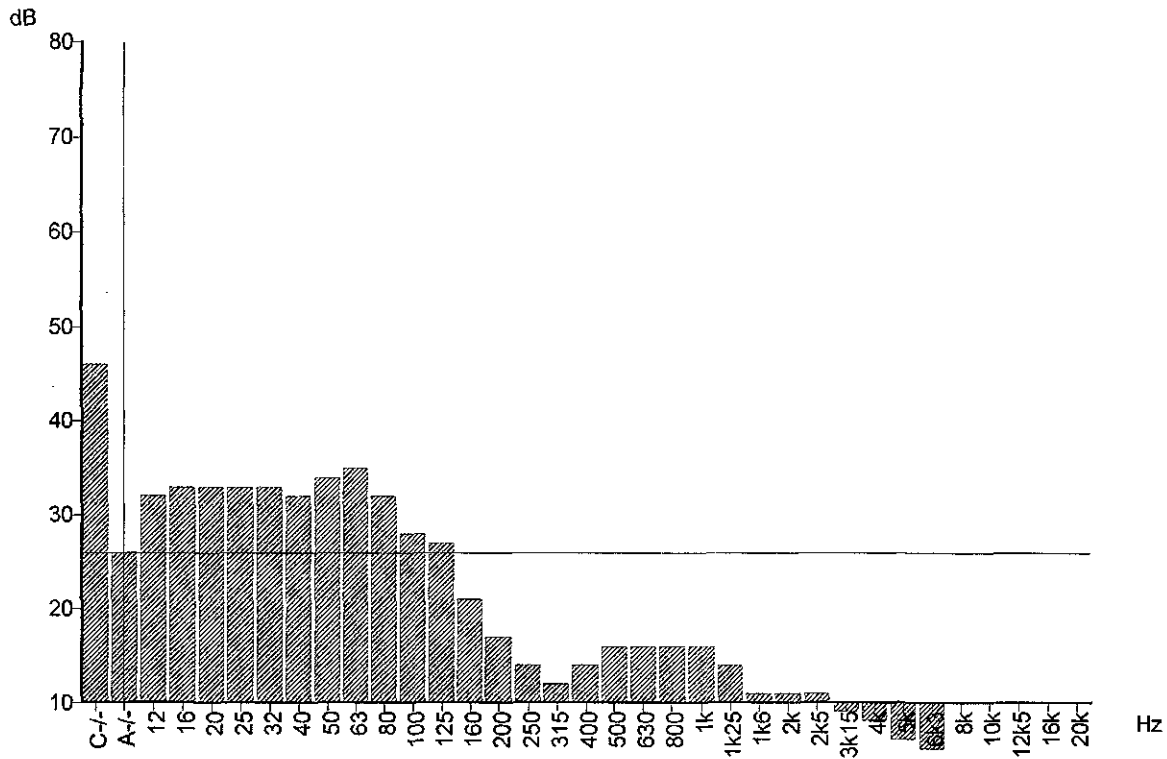
Instrument CEL-573.C1 Version 6.32 Type 1
Instrument ID (DPB) 114248
Run mode Third-octave band Environmental
Run start 05/28/2008 20:38:07
Run end 05/28/2008 20:53:44
Run duration 000 00:15:37.59
Last calibration 05/28/2008 13:34:59
Measurement range 5 - 80 dB
Microphone response Random Incidence
Polarizing voltage On
Time weighting S
Frequency weighting C, A
Exchange rate (Q) 3
Period time 1 min
Periods too short for LNs Yes
Profiles recorded No
Profile sample interval 1 s
Number of records 15

Events enabled No

Overload occurred Yes
Low battery occurred No
Pause was used Yes

L90 26 dBA

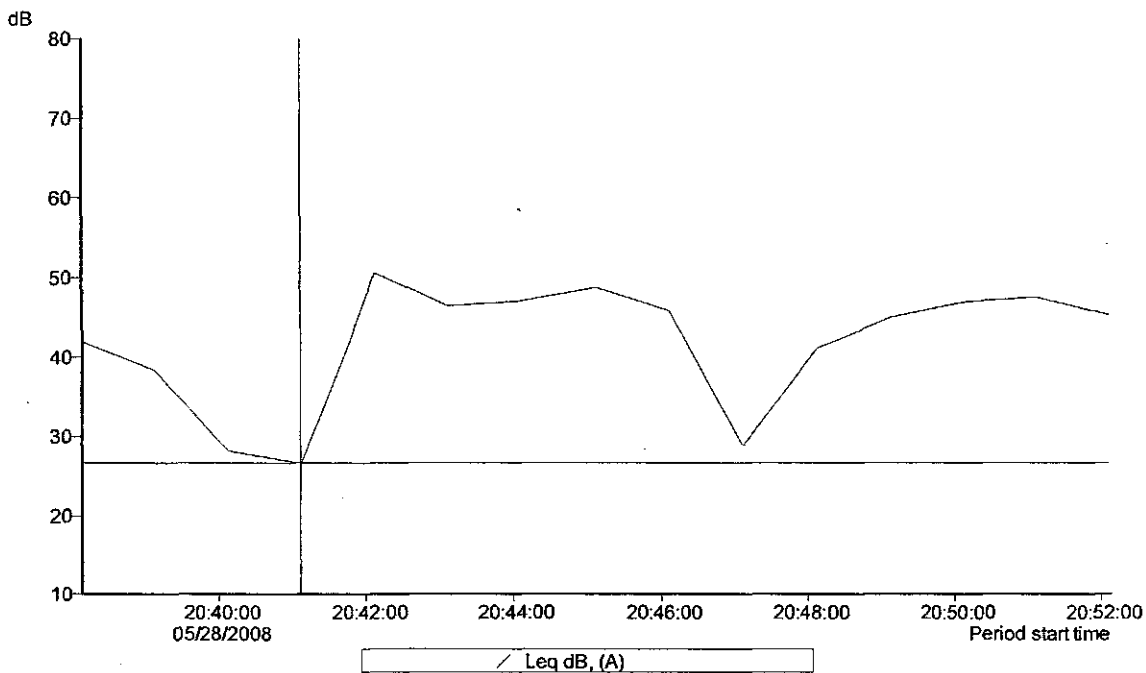
Friday, June 06, 2008
10:18 PM



G:\DOCLIVE-1\ROCK-1\RR\MYDOCU-1\MYCLE-1\WINDCHIO2008-0-1\CHAMPA-1\DATA\CHMF0007.DTA
Function = L90.0% S
Record start = 05/28/2008 20:38:07
Duration = 000 00:15:37
Record = Cumulative
Flags: O.P.
Cursor: Band = Broadband, Frequency weighting = A, Level = 26.0 dB

Minimum Leq = 26.6 dB

Friday, June 06, 2008
10:20 PM



C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0007.DTA

Band = Broadband

Overall profile duration = 000 00:15:00 (15 samples)

Function order = Leq dB, (A)

Cursor 1: Time = 05/28/2008 20:41:07, Level = 26.6 dB, Flags: ---

Cursor 2: Time = 05/28/2008 20:47:07, Level = 28.8 dB, Flags: ---

Duration on / between the cursors = 000 00:07:00, Flags: O---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 26.6 dB, On / between the cursors. Time of minimum = 05/28/2008 20:41:07

Maximum Leq = 50.5 dB, On / between the cursors. Time of maximum = 05/28/2008 20:42:07

Calculated average Leq = 45.4 dB, Overall

Calculated average Leq = 46.6 dB, On / between the cursors

Calculated average Leq = 44.1 dB, Outside the cursors

C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1

\CHAMPA~1\DATA\CHMP0007.DTA

Band = Broadband

Overall profile duration = 000 00:15:00 (15 samples)

Function order = Leq dB, (A)

Cursor 1: Time = 05/28/2008 20:41:07, Level = 26.6 dB, Flags: ----

Cursor 2: Time = 05/28/2008 20:47:07, Level = 28.8 dB, Flags: ----

Duration on / between the cursors = 000 00:07:00, Flags: O---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 26.6 dB, On / between the cursors. Time of minimum =
05/28/2008 20:41:07

Maximum Leq = 50.5 dB, On / between the cursors. Time of maximum =
05/28/2008 20:42:07

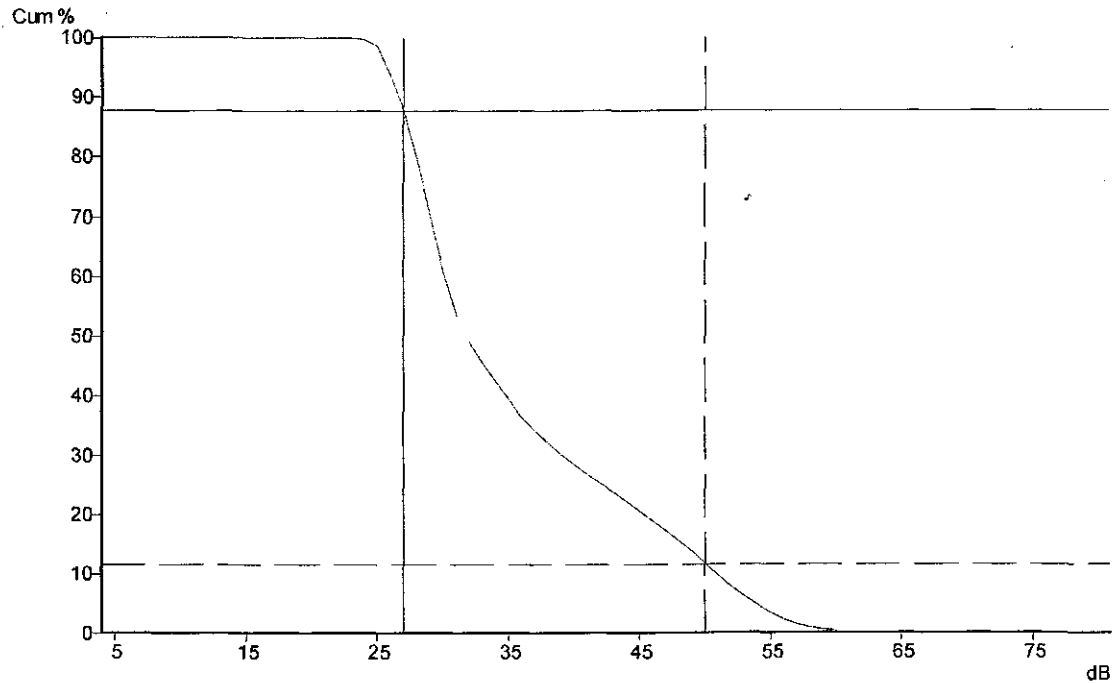
Calculated average Leq = 45.4 dB, Overall

Calculated average Leq = 46.6 dB, On / between the cursors

Calculated average Leq = 44.1 dB, Outside the cursors

LN_{90.0%} = 26.1 dB

Friday, June 06, 2008
10:20 PM



C:\DOCUME~1\RICK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0007.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:15:37.59
Flags: O-P-
Cursor 1: 27 dB, 87.72% (000 00:13:38)
Cursor 2: 50 dB, 11.64% (000 00:01:48)
Calculated LN5.0% S = 53.3 dB
Calculated LN10.0% S = 50.4 dB
Calculated LN50.0% S = 31.3 dB
Calculated LN90.0% S = 26.1 dB
Calculated LN95.0% S = 25.2 dB

C:\DOCUME~1\RICK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1
\CHAMPA~1\DATA\CHMP0007.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:15:37.59
Flags: O-P-
Cursor 1: 27 dB, 87.72% (000 00:13:38)
Cursor 2: 50 dB, 11.64% (000 00:01:48)
Calculated LN5.0% S = 53.3 dB
Calculated LN10.0% S = 50.4 dB
Calculated LN50.0% S = 31.3 dB
Calculated LN90.0% S = 26.1 dB
Calculated LN95.0% S = 25.2 dB

573-008 9:06pm 18 min. Johnson 2nd driveway test

Friday, June 06, 2008

8:05 PM

CEL SoundTrack - dB2 3.0 © CEL Instruments Ltd 1998

C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0008.DTA

- Run summary -

Instrument CEL-573.C1 Version 6.32 Type 1

Instrument ID (DPB) 114248

Run mode Third-octave band Environmental

Run start 05/28/2008 21:06:09

Run end 05/28/2008 21:24:32

Run duration 000 00:18:23.21

Last calibration 05/28/2008 13:34:59

Measurement range 5 - 80 dB

Microphone response Random Incidence

Polarizing voltage On

Time weighting S

Frequency weighting C, A

Exchange rate (Q) 3

Period time 1 min

Periods too short for LNs Yes

Profiles recorded No

Profile sample interval 1 s

Number of records 18

Events enabled No

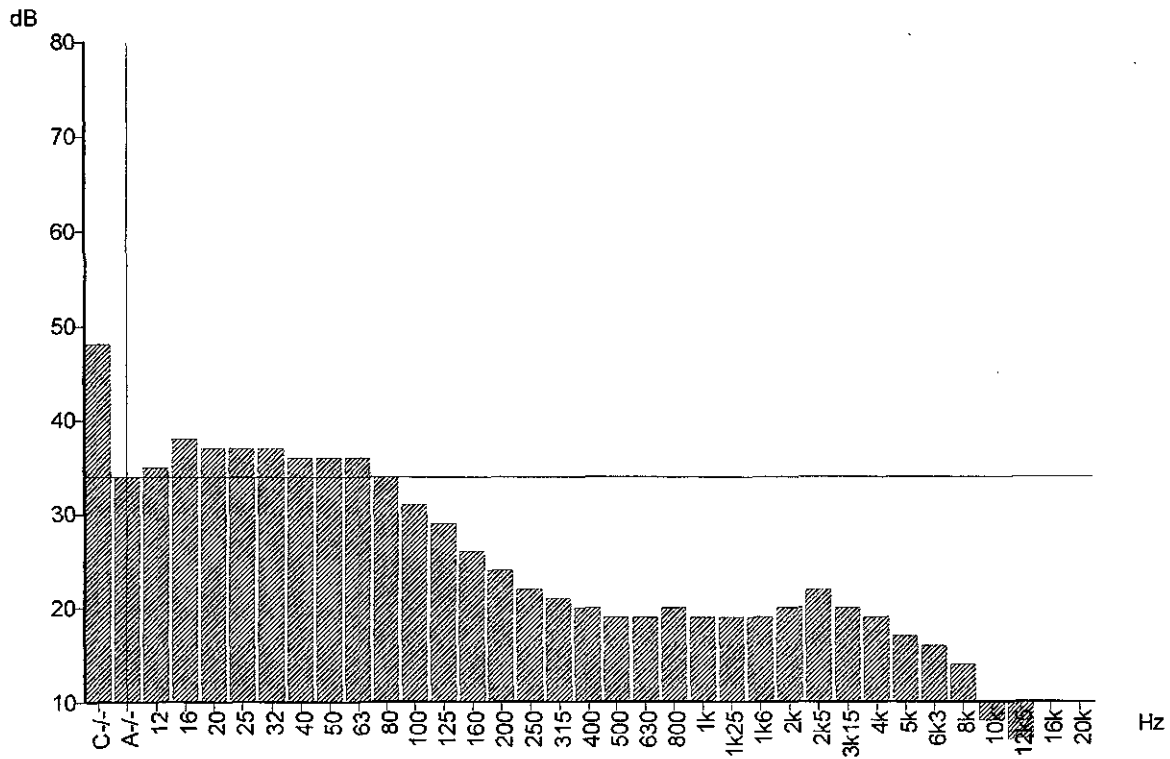
Overload occurred Yes

Low battery occurred No

Pause was used Yes

L₉₀ = 34 dBA

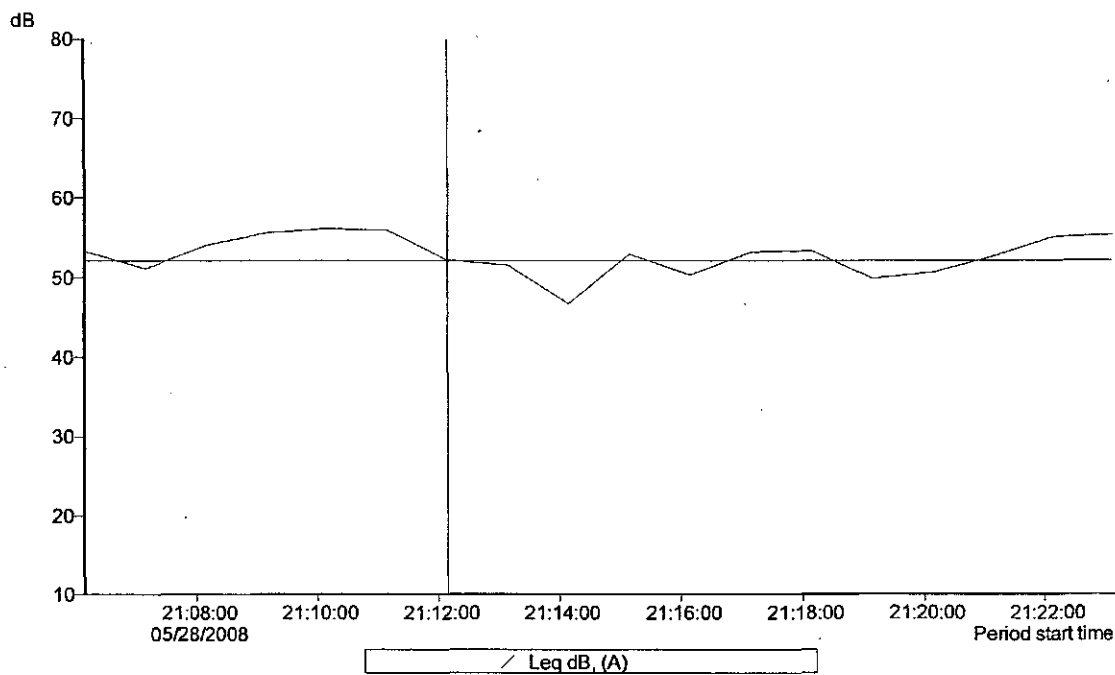
Friday, June 06, 2008
10:22 PM



C:\DOCU\1\FCK-1\FRMVDOCU\1\WYCLE\1\WINDCH2008-0-1\CHAMP-1\DATA\CHMP008.DTA
Function = LNS0.0% S
Record start = 05/29/2008 21:06:09
Duration = 000 00:18:23
Record = Cumulative
Flags: O-P
Cursor: Band = Broadband, Frequency weighting = A, Level = 34.0 dB

46.7 dBA

Friday, June 06, 2008
10:23 PM



C:\DOCSUME-1\PRICK-1\RR\MYDOCU-1\MYCLUE-1\WINDCHILL\2008-0-1\CHAMPA-1\DATA\CHIMP0008.DTA

Band = Broadband

Overall profile duration = 000 00:18:00 (18 samples)

Function order = Leq dB, (A)

Cursor 1: Time = 05/28/2008 21:12:09, Level = 52.1 dB, Flags: O—

Cursor 2: Time = 05/28/2008 21:21:09, Level = 52.6 dB, Flags: O—

Duration on / between the cursors = 000 00:10:00, Flags: O—, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 46.7 dB, On / between the cursors. Time of minimum = 05/28/2008 21:14:09

Maximum Leq = 53.3 dB, On / between the cursors. Time of maximum = 05/28/2008 21:18:09

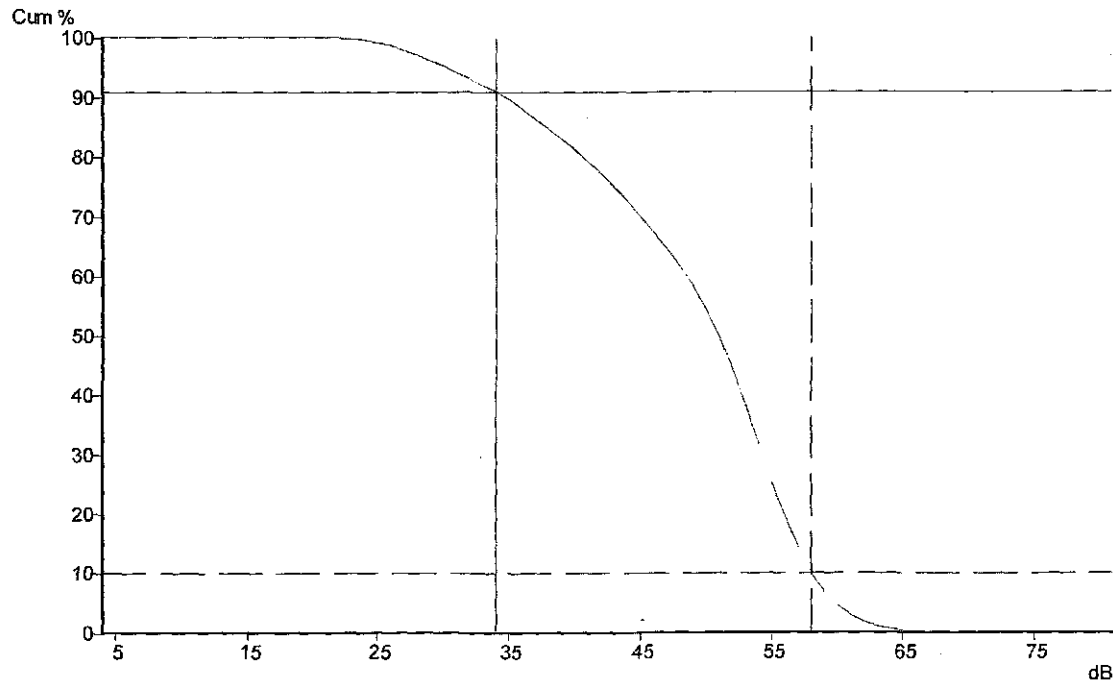
Calculated average Leq = 53.3 dB, Overall

Calculated average Leq = 51.7 dB, On / between the cursors

Calculated average Leq = 54.8 dB, Outside the cursors

LN_{90.0%} = 34.2 dB

Friday, June 06, 2008
10:25 PM



C:\DOCUME~1\RICK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0008.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:18:23.21
Flags: O-P-
Cursor 1: 34 dB, 90.98% (000 00:16:41)
Cursor 2: 58 dB, 9.99% (000 00:01:50)
Calculated LN5.0% S = 59.4 dB
Calculated LN10.0% S = 57.5 dB
Calculated LN50.0% S = 50.4 dB
Calculated LN90.0% S = 34.2 dB
Calculated LN95.0% S = 29.6 dB

C:\DOCUME~1\RICK~1\RR\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1
\CHAMPA~1\DATA\CHMP0008.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:18:23.21
Flags: O-P-
Cursor 1: 34 dB, 90.98% (000 00:16:41)
Cursor 2: 58 dB, 9.99% (000 00:01:50)
Calculated LN5.0% S = 59.4 dB
Calculated LN10.0% S = 57.5 dB
Calculated LN50.0% S = 50.4 dB
Calculated LN90.0% S = 34.2 dB
Calculated LN95.0% S = 29.6 dB

573-009 9:37pm, 47 min. McConnell

Friday, June 06, 2008

8:05 PM

Taken when picking up the 480, did a side by side with both meters

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C:\DOCUME~1\RICK~1.RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0009.DTA

- Run summary -

Instrument CEL-573.C1 Version 6.32 Type 1

Instrument ID (DPB) 114248

Run mode Third-octave band Environmental

Run start 05/28/2008 21:37:05

Run end 05/28/2008 22:24:35

Run duration 000 00:47:30.43

Last calibration 05/28/2008 13:34:59

Measurement range 5 - 80 dB

Microphone response Random Incidence

Polarizing voltage On

Time weighting S

Frequency weighting C, A

Exchange rate (Q) 3

Period time 1 min

Periods too short for LNs Yes

Profiles recorded No

Profile sample interval 1 s

Number of records 47

Events enabled No

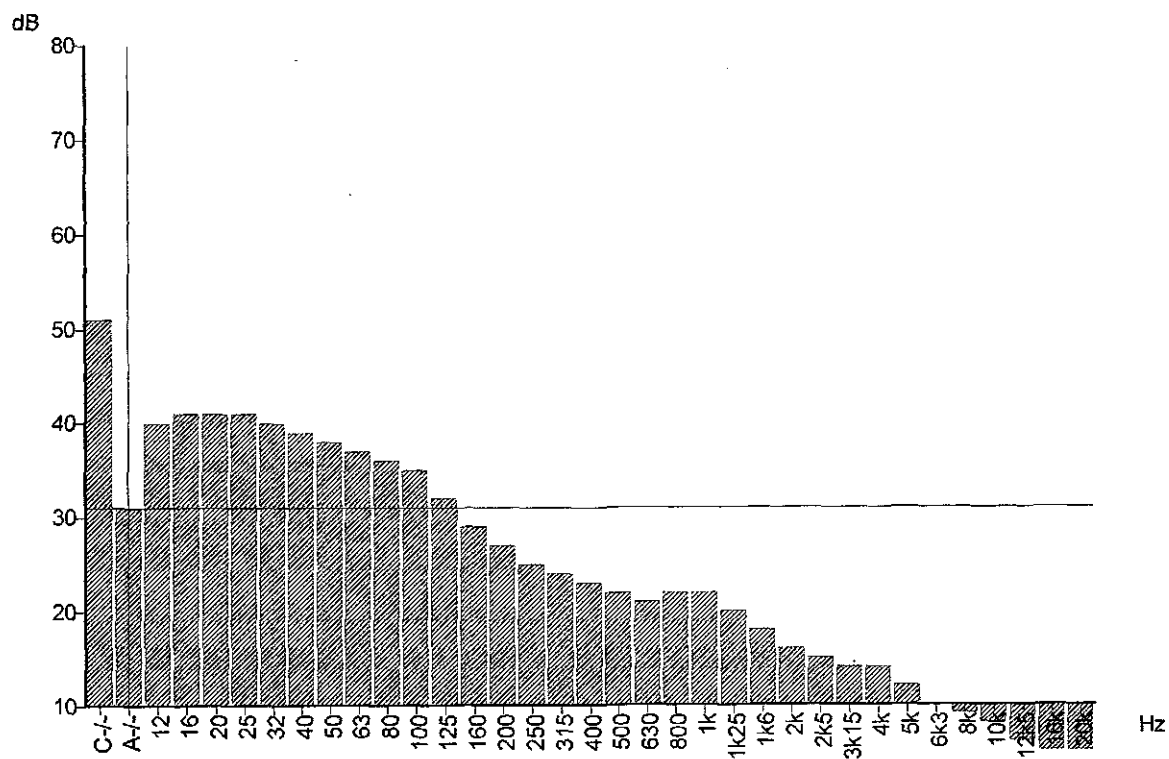
Overload occurred Yes

Low battery occurred No

Pause was used Yes

L90 31 dBA

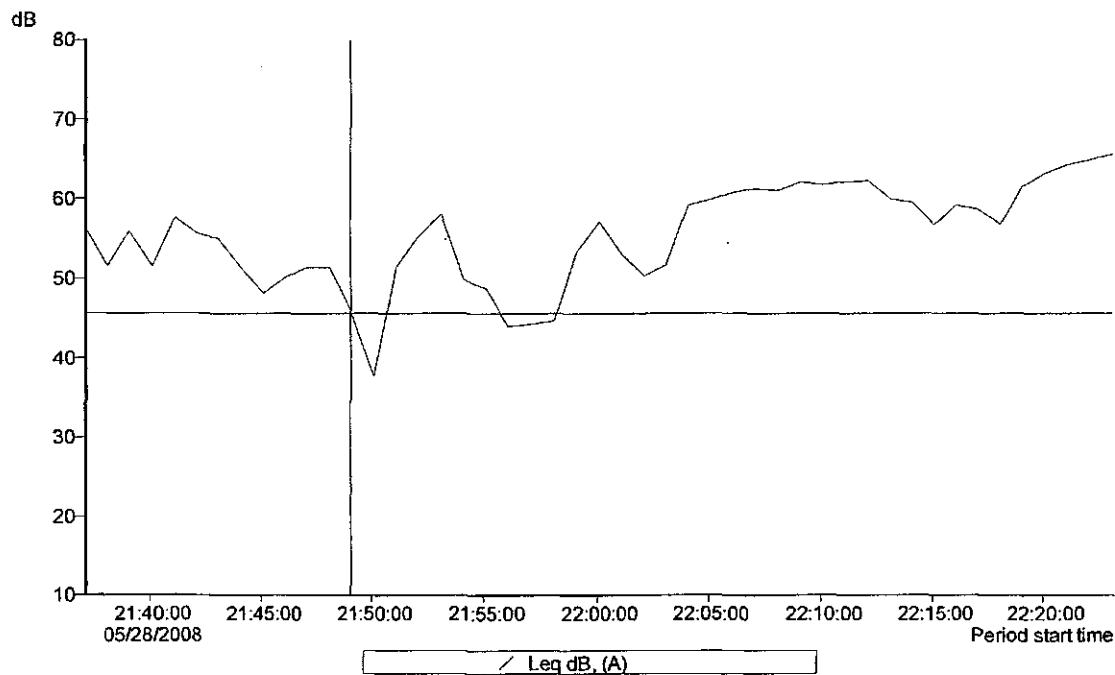
Friday, June 06, 2008
10:28 PM



C:\DOCU-1\FK-1\RM\DOCU-1\MYCLE-1\WINDCH-2008-0-1\Q-AMPA-1\DATA\CH-MP0009.DTA
Function = LINE0.0% S
Record start = 06/28/2008 21:37:05
Duration = 000 00:47:30
Record = Cumulative
Flags: O-R
Cursor: Band = Broadband, Frequency weighting = A, Level = 31.0 dB

Minimum Leq = 37.6 dB

Friday, June 06, 2008
10:29 PM



C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0009.DTA
Band = Broadband
Overall profile duration = 000 00:47:00 (47 samples)
Function order = Leq dB, (A)
Cursor 1: Time = 05/28/2008 21:49:05, Level = 45.6 dB, Flags: O---
Cursor 2: Time = 05/28/2008 21:58:05, Level = 44.7 dB, Flags: O---
Duration on / between the cursors = 000 00:10:00, Flags: O---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 37.6 dB, On / between the cursors. Time of minimum = 05/28/2008 21:50:05
Maximum Leq = 58.1 dB, On / between the cursors. Time of maximum = 05/28/2008 21:53:05

Calculated average Leq = 58.7 dB, Overall
Calculated average Leq = 51.5 dB, On / between the cursors
Calculated average Leq = 59.6 dB, Outside the cursors

C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0009.DTA
Band = Broadband
Overall profile duration = 000 00:47:00 (47 samples)
Function order = Leq dB, (A)
Cursor 1: Time = 05/28/2008 21:49:05, Level = 45.6 dB, Flags: O---
Cursor 2: Time = 05/28/2008 21:58:05, Level = 44.7 dB, Flags: O---
Duration on / between the cursors = 000 00:10:00, Flags: O---, Scale: 1:1

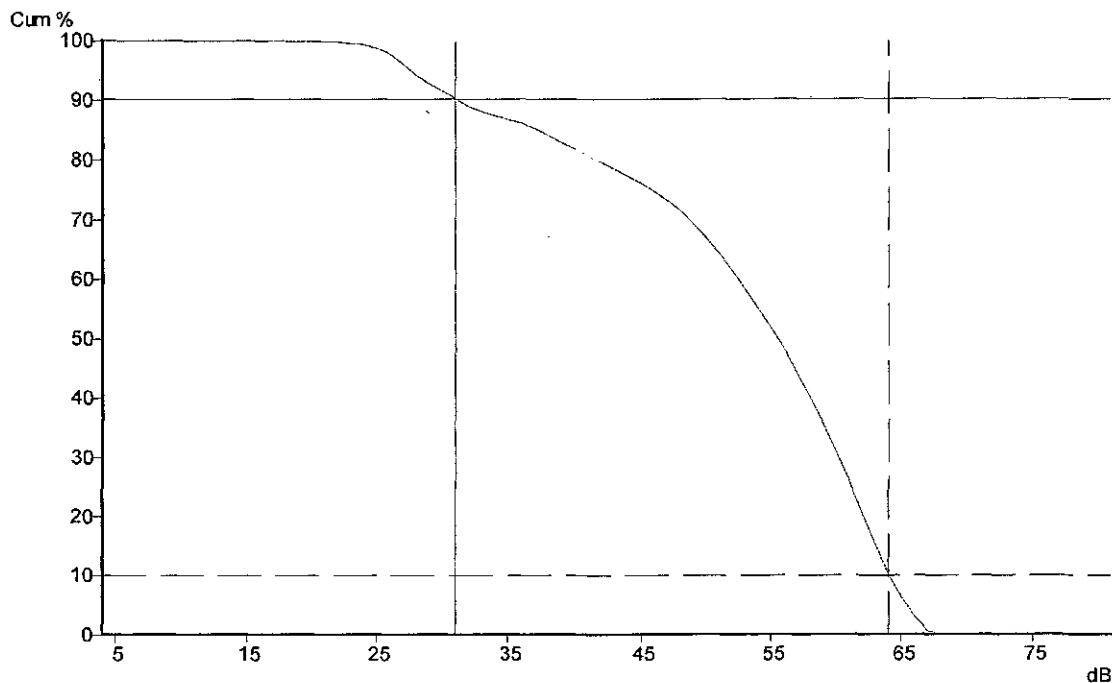
- Leq dB, (A) -

Minimum Leq = 37.6 dB, On / between the cursors. Time of minimum =
05/28/2008 21:50:05
Maximum Leq = 58.1 dB, On / between the cursors. Time of maximum =
05/28/2008 21:53:05

Calculated average Leq = 58.7 dB, Overall
Calculated average Leq = 51.5 dB, On / between the cursors
Calculated average Leq = 59.6 dB, Outside the cursors

LN90.0% = 30.7 dB

Friday, June 06, 2008
10:30 PM



C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0009.DTA

Band = Broadband

Frequency weighting = A

Duration = 000 00:47:30.43

Flags: O-P-

Cursor 1: 31 dB, 90.28% (000 00:42:52)

Cursor 2: 64 dB, 10.06% (000 00:04:47)

Calculated LN5.0% S = 64.9 dB

Calculated LN10.0% S = 63.5 dB

Calculated LN50.0% S = 54.9 dB

Calculated LN90.0% S = 30.7 dB

Calculated LN95.0% S = 27.1 dB

C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1

\CHAMPA~1\DATA\CHMP0009.DTA

Band = Broadband

Frequency weighting = A

Duration = 000 00:47:30.43

Flags: O-P-

Cursor 1: 31 dB, 90.28% (000 00:42:52)

Cursor 2: 64 dB, 10.06% (000 00:04:47)

Calculated LN5.0% S = 64.9 dB

Calculated LN10.0% S = 63.5 dB

Calculated LN50.0% S = 54.9 dB

Calculated LN90.0% S = 30.7 dB

Calculated LN95.0% S = 27.1 dB

573-010 10:52pm 20 min. Gordon's

Friday, June 06, 2008

8:07 PM

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C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1
\DATA\CHMP0010.DTA

- Run summary -

Instrument CEL-573.C1 Version 6.32 Type 1

Instrument ID (DPB) 114248

Run mode Third-octave band Environmental

Run start 05/28/2008 22:52:34

Run end 05/28/2008 23:12:28

Run duration 000 00:19:54.77

Last calibration 05/28/2008 13:34:59

Measurement range 5 - 80 dB

Microphone response Random Incidence

Polarizing voltage On

Time weighting S

Frequency weighting C, A

Exchange rate (Q) 3

Period time 1 min

Periods too short for LNs Yes

Profiles recorded No

Profile sample interval 1 s

Number of records 19

Events enabled No

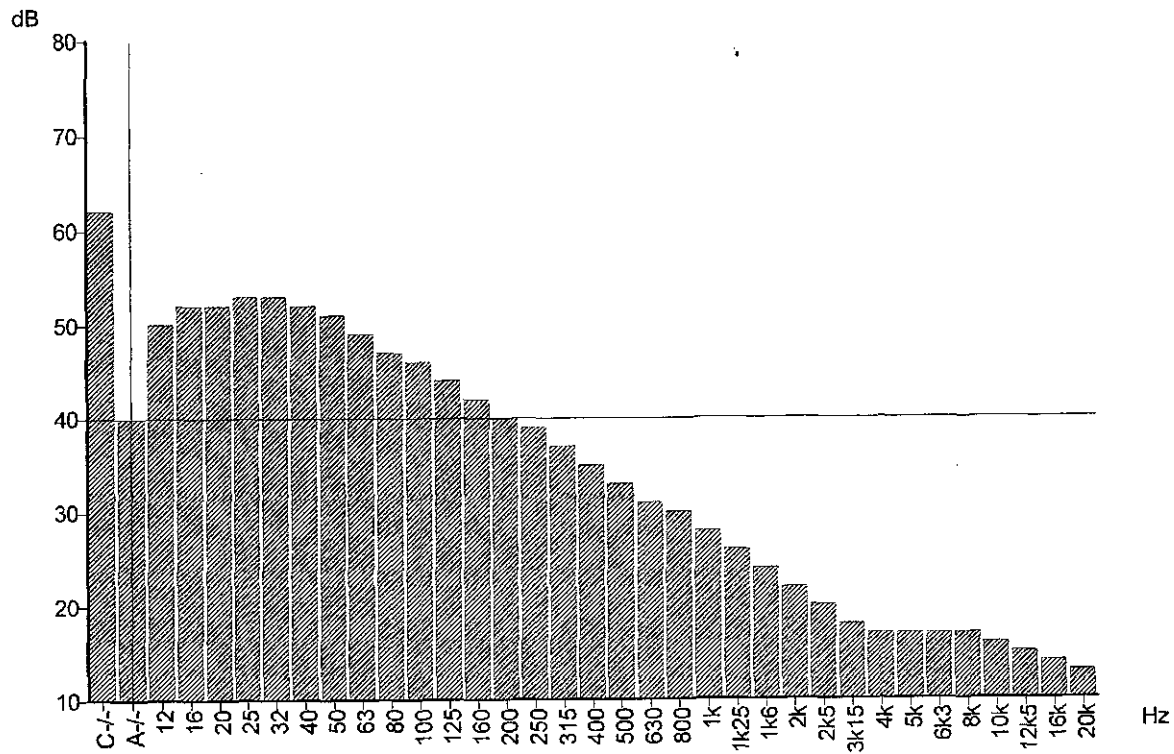
Overload occurred Yes

Low battery occurred No

Pause was used Yes

L90 40 dBA ERROR!

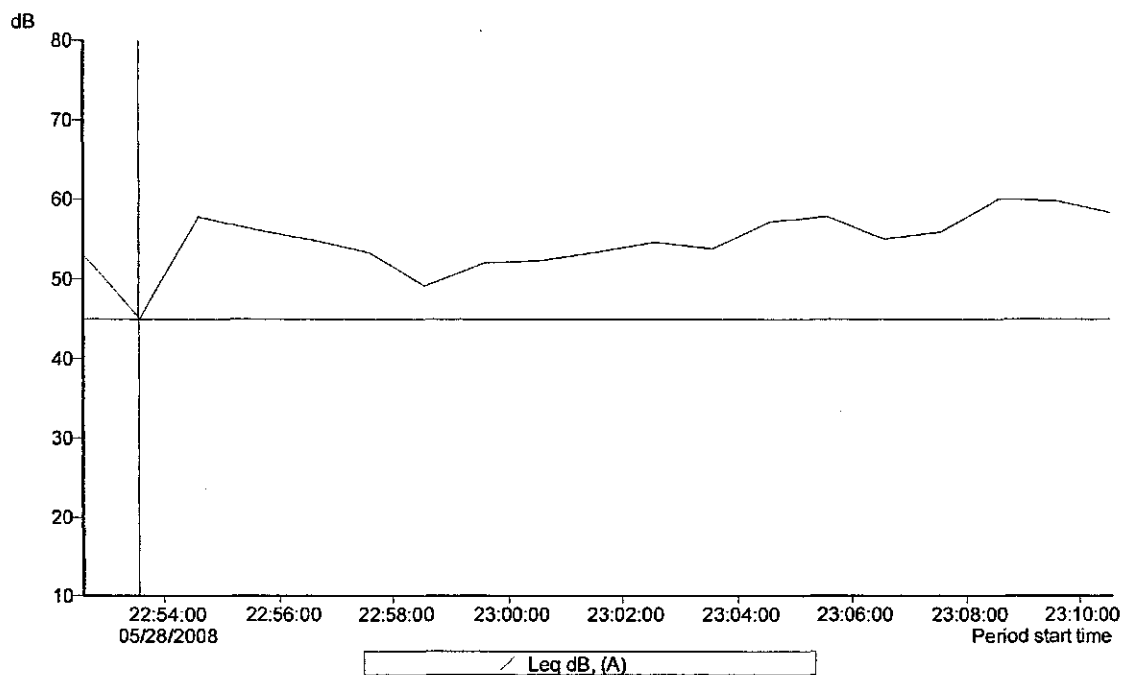
Friday, June 06, 2008
10:32 PM



C:\DOCU-1\RC-1\FRAM\DOCU-1\MYCLE-1\WINDCH102008-0-1\CHAMPA-1\DATA\CH-MP0010.DTA
Function = UN80.0% S
Record start = 05/28/2008 22:52:34
Duration = 000 00:19:54
Record = Cumulative
Flags: O-P
Cursor: Band = Broadband, Frequency weighting = A, Level = 40.0 dB

Minimum Leq = 45.0 dB Error

Friday, June 06, 2008
10:34 PM



C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0010.DTA

Band = Broadband

Overall profile duration = 000 00:19:00 (19 samples)

Function order = Leq dB, (A)

Cursor 1: Time = 05/28/2008 22:53:34, Level = 45.0 dB, Flags: O---

Cursor 2: Time = 05/28/2008 23:10:34, Level = 58.3 dB, Flags: O---

Duration on / between the cursors = 000 00:18:00, Flags: O--, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 45.0 dB, On / between the cursors. Time of minimum = 05/28/2008 22:53:34

Maximum Leq = 60.0 dB, On / between the cursors. Time of maximum = 05/28/2008 23:08:34

Calculated average Leq = 55.9 dB, Overall

Calculated average Leq = 56.0 dB, On / between the cursors

Calculated average Leq = 53.0 dB, Outside the cursors

C:\DOCUME~1\RIK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1

\CHAMPA~1\DATA\CHMP0010.DTA

Band = Broadband

Overall profile duration = 000 00:19:00 (19 samples)

Function order = Leq dB, (A)

Cursor 1: Time = 05/28/2008 22:53:34, Level = 45.0 dB, Flags: O---

Cursor 2: Time = 05/28/2008 23:10:34, Level = 58.3 dB, Flags: O---

Duration on / between the cursors = 000 00:18:00, Flags: O---, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 45.0 dB, On / between the cursors. Time of minimum =

05/28/2008 22:53:34

Maximum Leq = 60.0 dB, On / between the cursors. Time of maximum =

05/28/2008 23:08:34

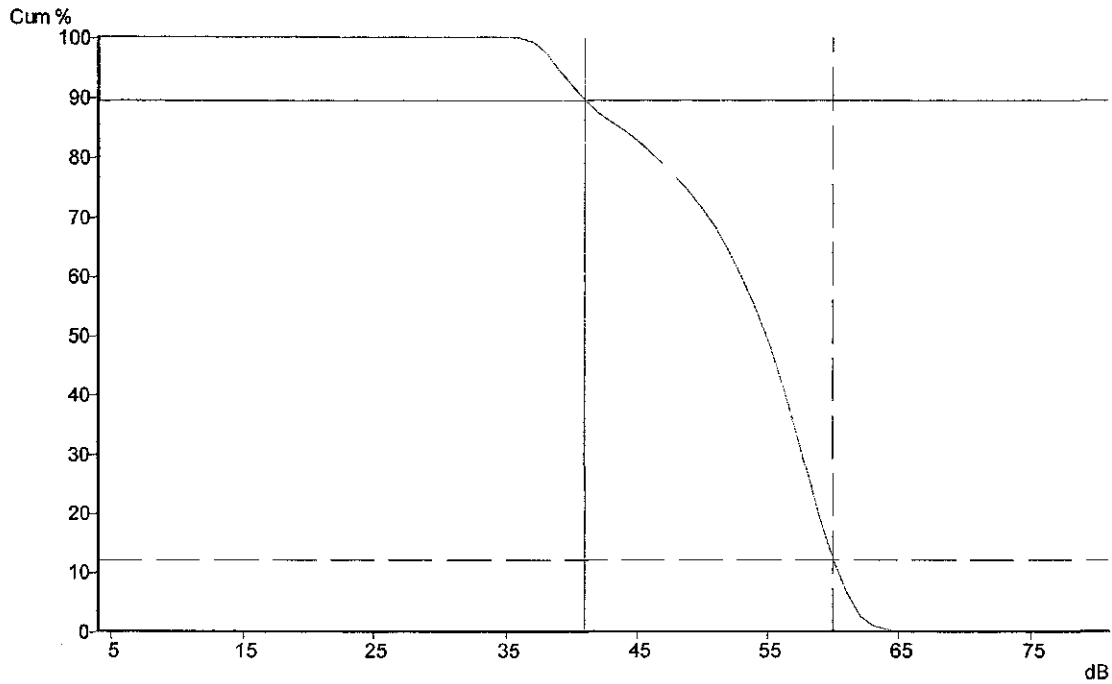
Calculated average Leq = 55.9 dB, Overall

Calculated average Leq = 56.0 dB, On / between the cursors

Calculated average Leq = 53.0 dB, Outside the cursors

LN90.0% S = 40.3 dB Error!

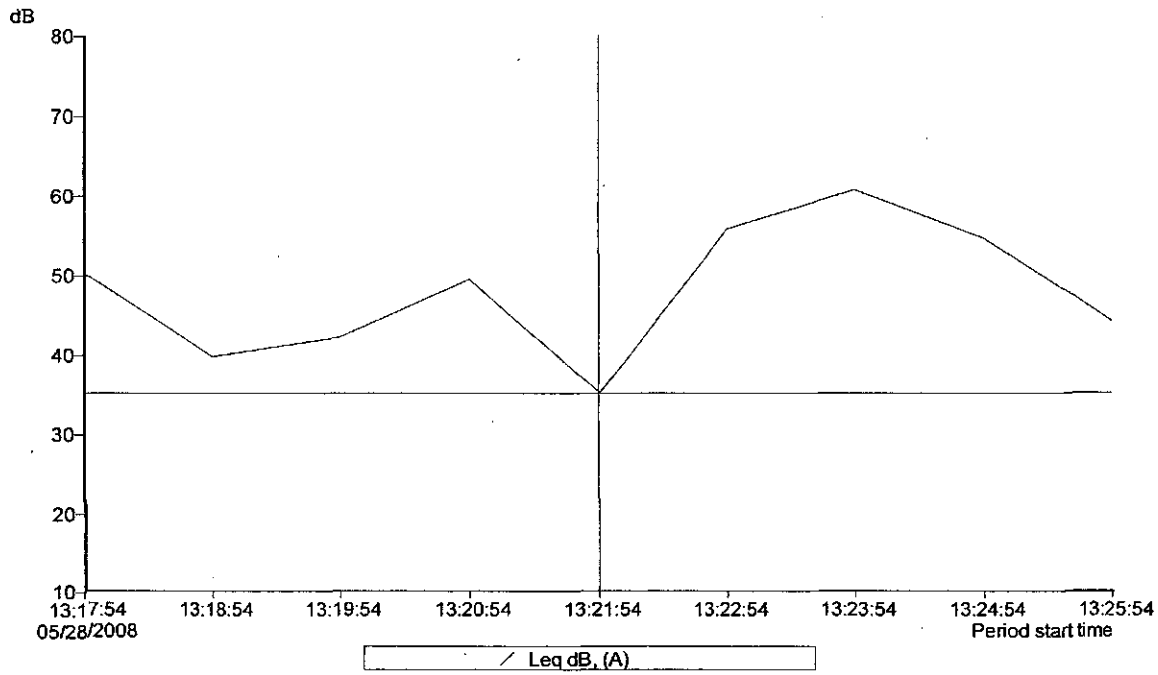
Friday, June 06, 2008
10:34 PM



C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1\CHAMPA~1\DATA\CHMP0010.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:19:54.77
Flags: O-P-
Cursor 1: 41 dB, 89.46% (000 00:17:26)
Cursor 2: 60 dB, 12.11% (000 00:02:22)
Calculated LN5.0% S = 60.9 dB
Calculated LN10.0% S = 59.9 dB
Calculated LN50.0% S = 54.4 dB
Calculated LN90.0% S = 40.3 dB
Calculated LN95.0% S = 38.3 dB

C:\DOCUME~1\RICK~1\RRJ\MYDOCU~1\MYCLIE~1\WIND\OHIO\2008-0~1
\CHAMPA~1\DATA\CHMP0010.DTA
Band = Broadband
Frequency weighting = A
Duration = 000 00:19:54.77
Flags: O-P-
Cursor 1: 41 dB, 89.46% (000 00:17:26)
Cursor 2: 60 dB, 12.11% (000 00:02:22)
Calculated LN5.0% S = 60.9 dB
Calculated LN10.0% S = 59.9 dB
Calculated LN50.0% S = 54.4 dB
Calculated LN90.0% S = 40.3 dB
Calculated LN95.0% S = 38.3 dB

Friday, June 06, 2008
9:09 PM



C:\DOCUME~1\RIK~1\RR\MY\DOCU~1\MY\CLIE~1\WIND\CH\O\2008-0-1\CHAMPA~1\DATA\CHMP0001.DTA
Band = Broadband
Overall profile duration = 000 00:09:00 (9 samples)
Function order = Leq dB, (A)
Cursor 1: Time = 05/28/2008 13:21:54, Level = 35.1 dB, Flags: —
Cursor 2: Time = 05/28/2008 13:23:54, Level = 44.1 dB, Flags: —
Duration on / between the cursors = 000 00:05:00, Flags: O—, Scale: 1:1

- Leq dB, (A) -

Minimum Leq = 35.1 dB, On / between the cursors, Time of minimum = 05/28/2008 13:21:54
Maximum Leq = 60.6 dB, On / between the cursors, Time of maximum = 05/28/2008 13:23:54

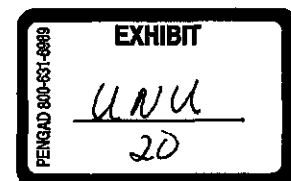
Calculated average Leq = 53.6 dB, Overall
Calculated average Leq = 55.6 dB, On / between the cursors
Calculated average Leq = 47.3 dB, Outside the cursors

Champaign Cty Background Sound Tests Results-05/28/2008

Saturday, May 31, 2008
6:05 PM



McConnell Test Site	Calculated Ln 90.0% A = 30.3 dB
Johnson Test Site	Calculated Ln 90.0% A = 27.8 dB
Gordon Test Site	Calculated Ln 90.0% A = 27.8 dB
Peace Test Site	Calculated Ln 90.0% A = 27.6 dB
Bartlett Test Site	Calculated Ln 90.0% A = 24.4 dB



UNU Exh-20