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Planning Building Control and Licensing
19 JUN 2018

Hellerman Tyton Noise Survey

Address of survey:
HellermannTyton Ltd
Sharston Green Business Park
1 Robeson Way
Altrincham Road, Wythenshawe
Manchester, M22 4TY
United Kingdom
Date of Survey:
16th August 2010

Background:

The purpose of the survey was to establish ambient and operational noise levels adjacent to a storage silo situated outside the manufacturing facility. This is a requirement of a planning application to build an additional silo adjacent to the existing silo. The silo is at the western end of the building and in sight of the M56 Motorway

Conditions at the time of the survey:

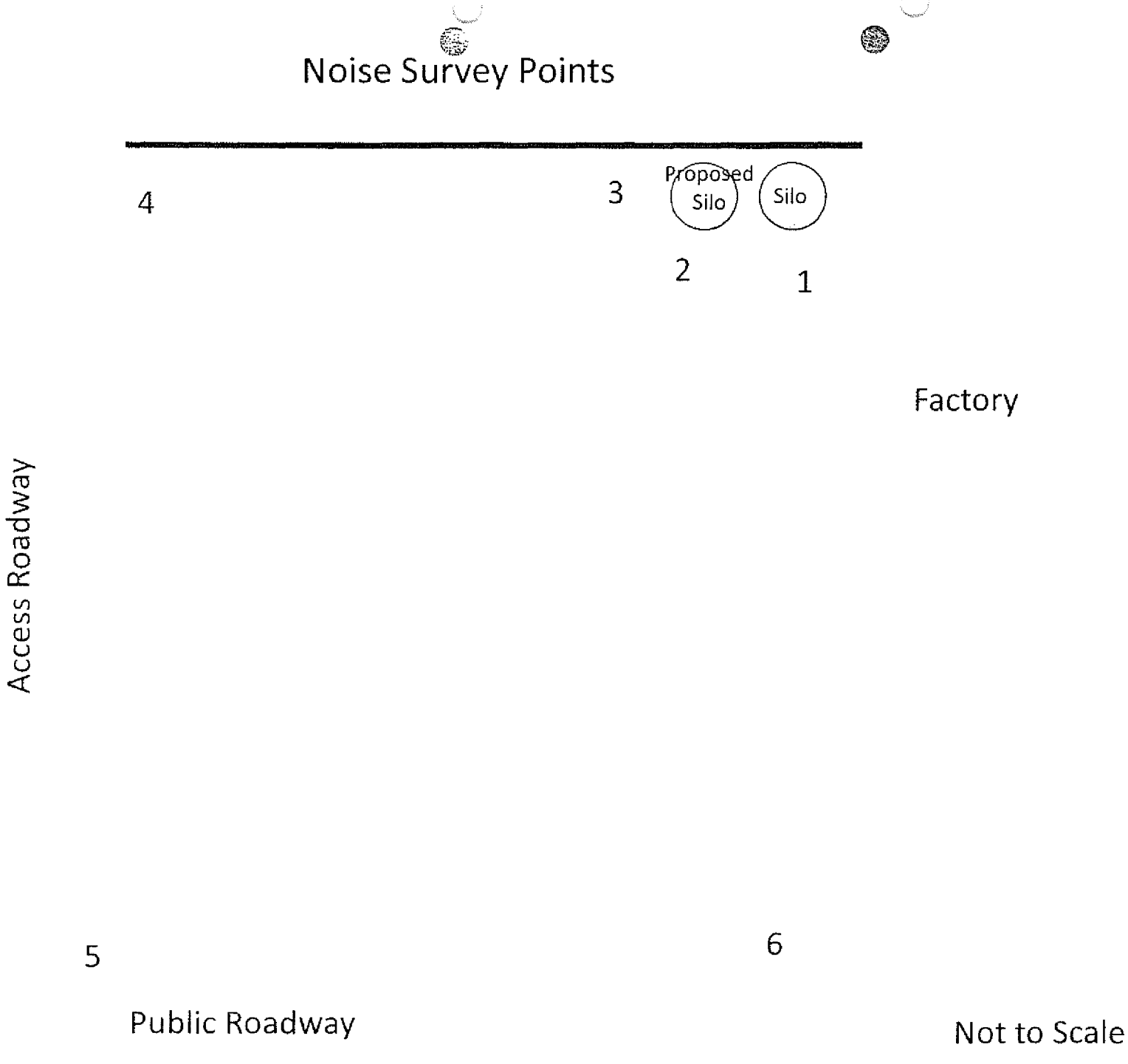
Weather: Sunny with a breeze.
Temperature: 21.5C
Atmospheric Pressure: 1013mb

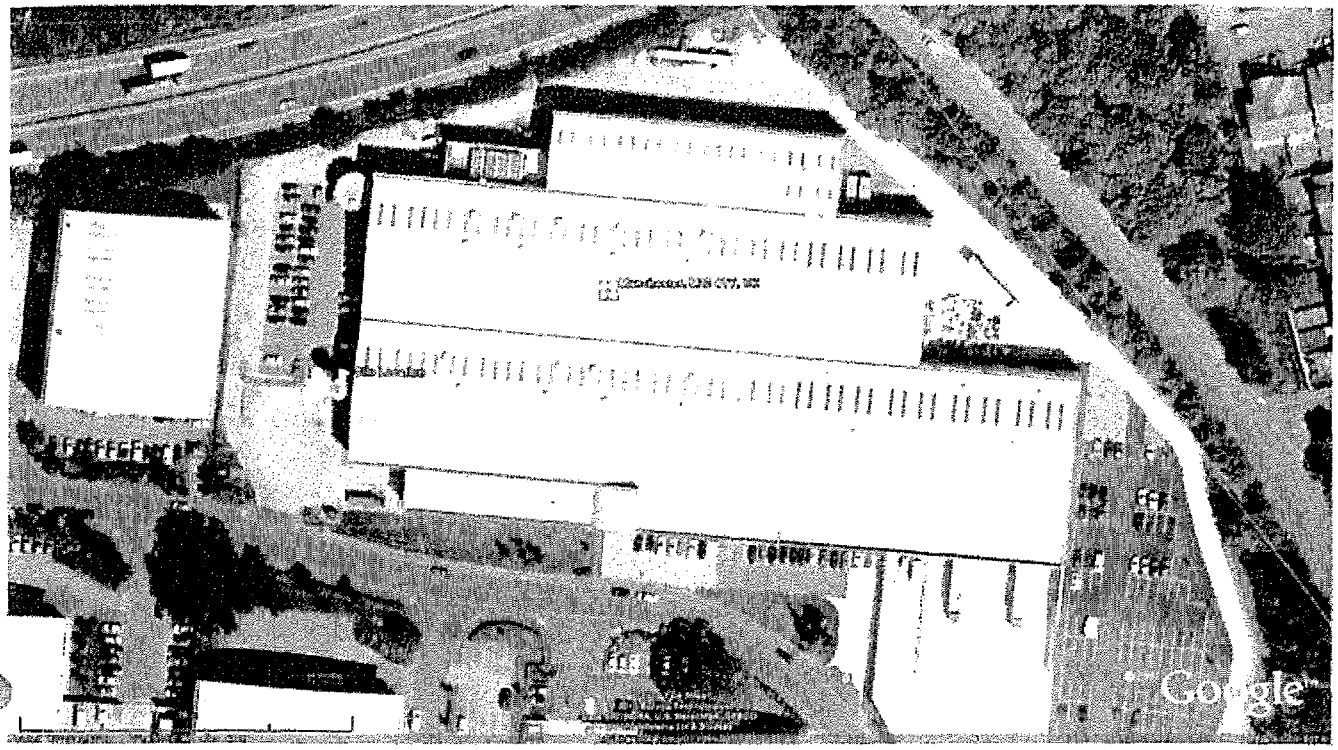
The height above sea level required no calibration allowance to be made.

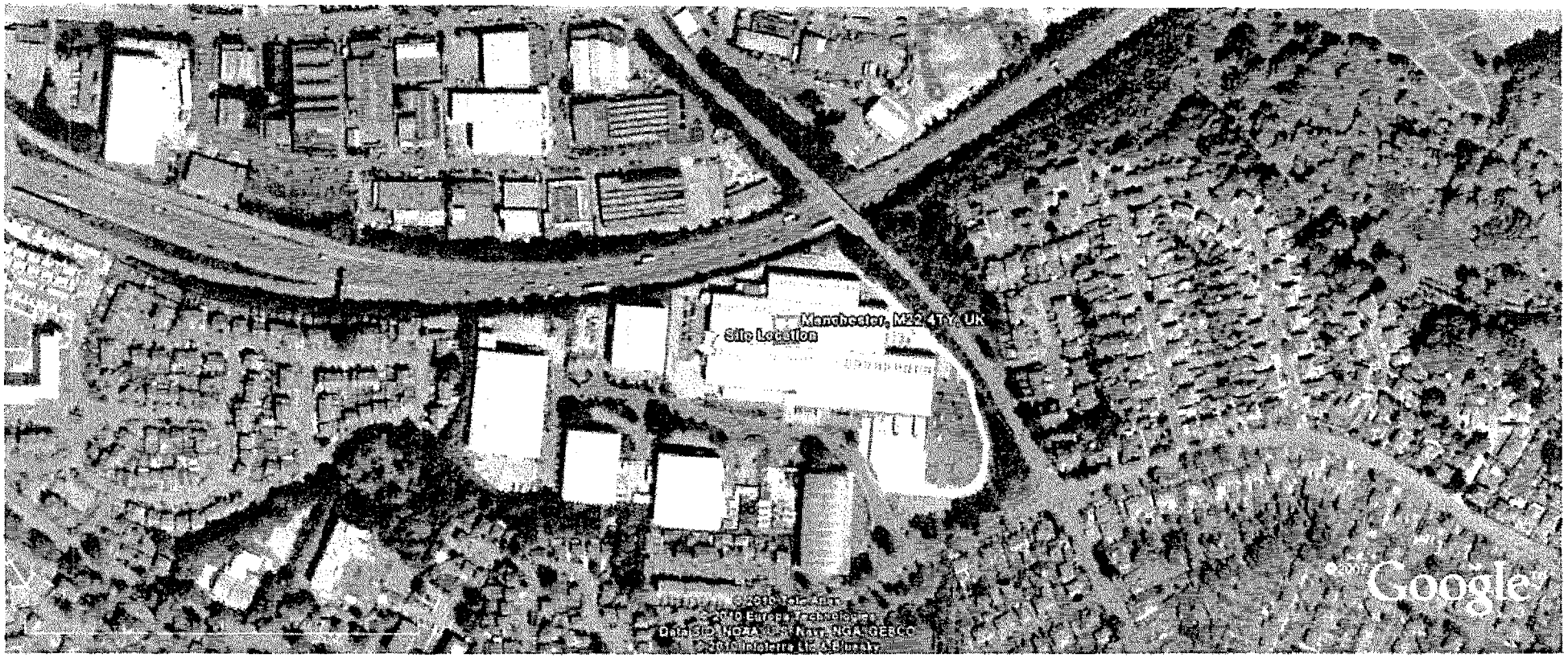
During the survey the silo made no discernable operational noise. The adjacent factory door was closed before the survey. No vehicles entered or exited the factory during the survey.

The six surveys are noted as HT1, HT2, HT3, HT4, HT5 and HT6 and are enclosed with this report. The survey points are shown as 1, 2, 3, 4, 5 and 6.

Peak levels on the noise survey printout coincided with passing traffic on the adjacent motorway.

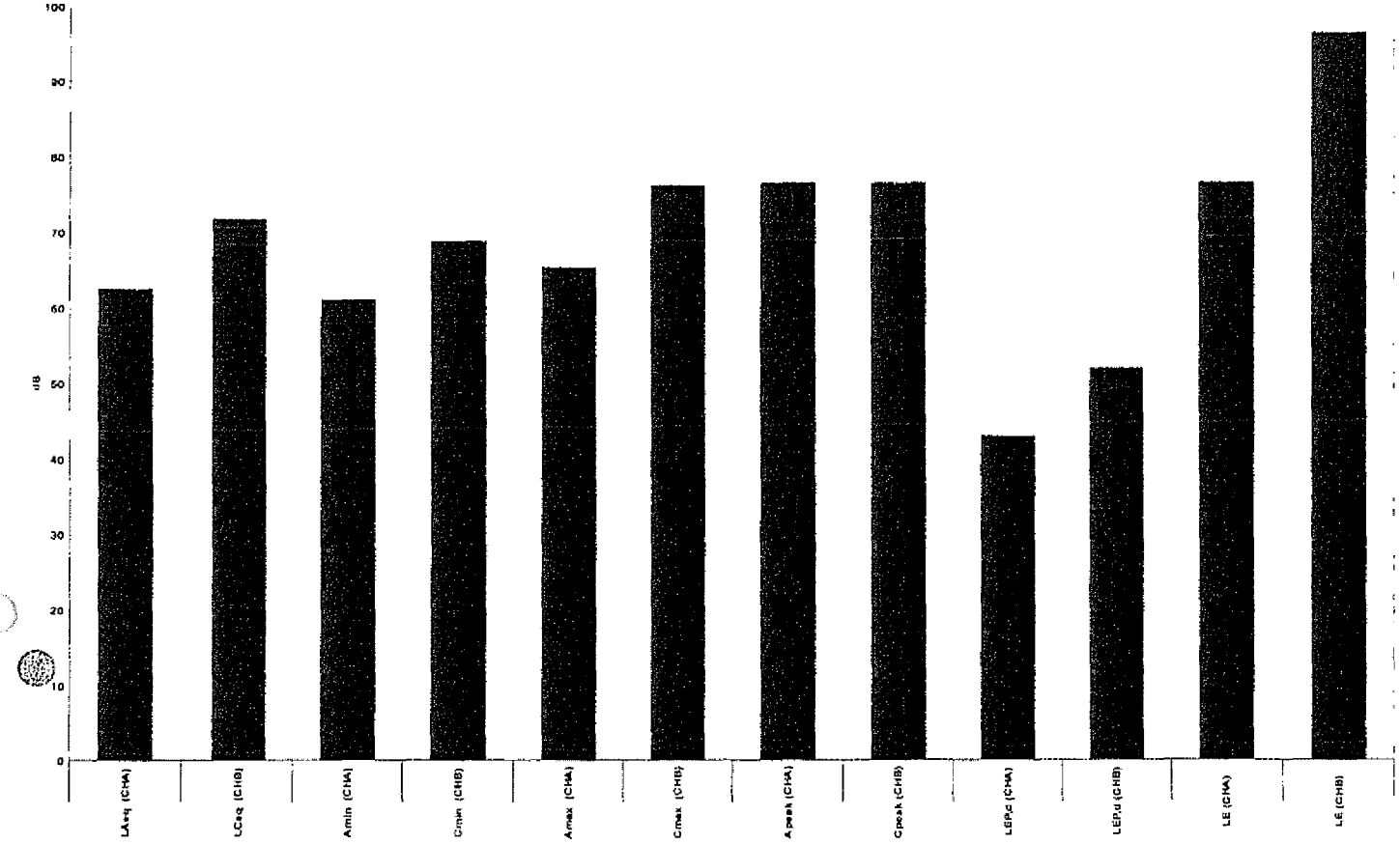

Noise Survey Points
4
3
Proposed Silo
Silo
2
1
Factory
Access Roadway
5
6
Public Roadway
Not to Scale


Google

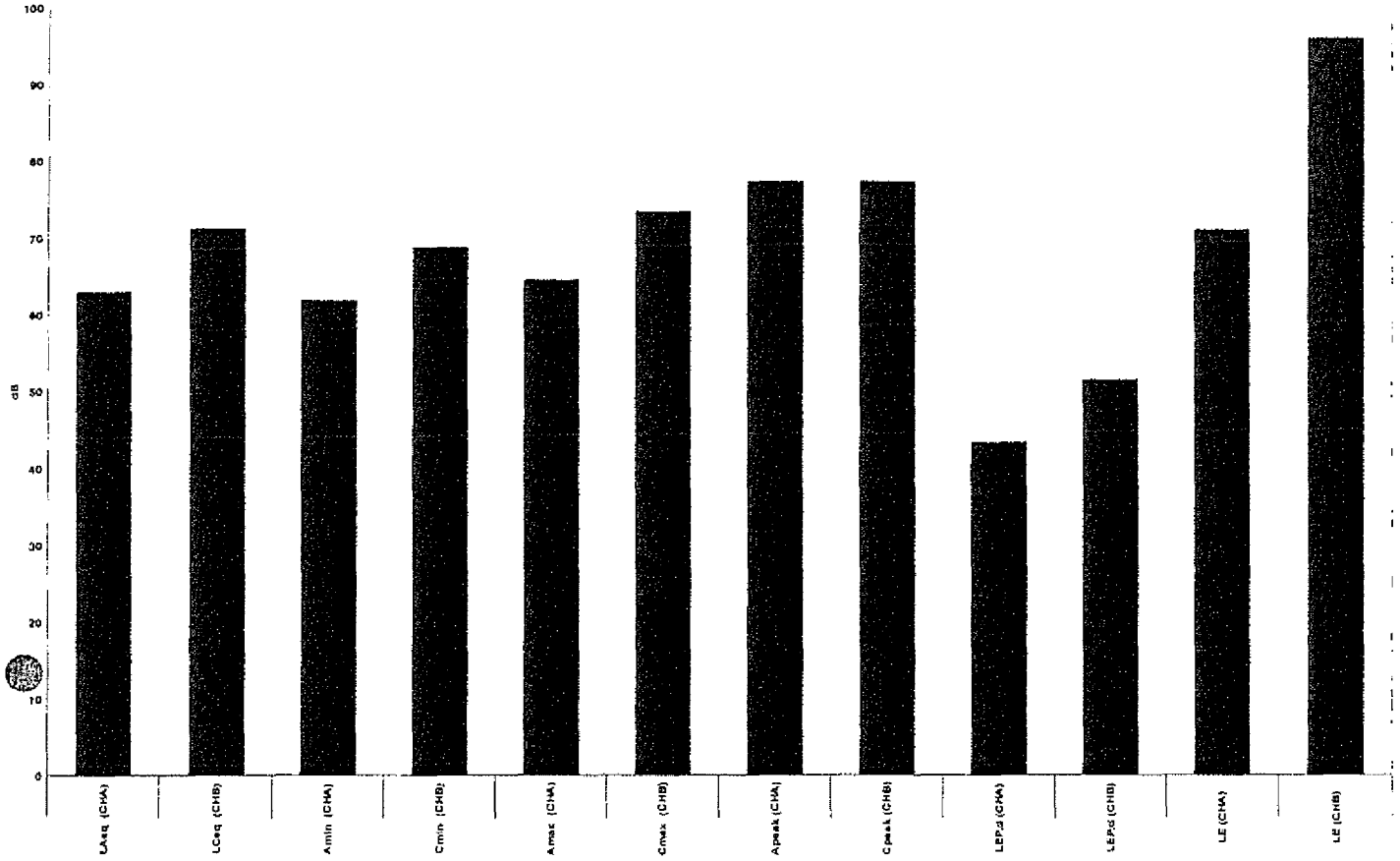


Manchester, M22 4TY, UK

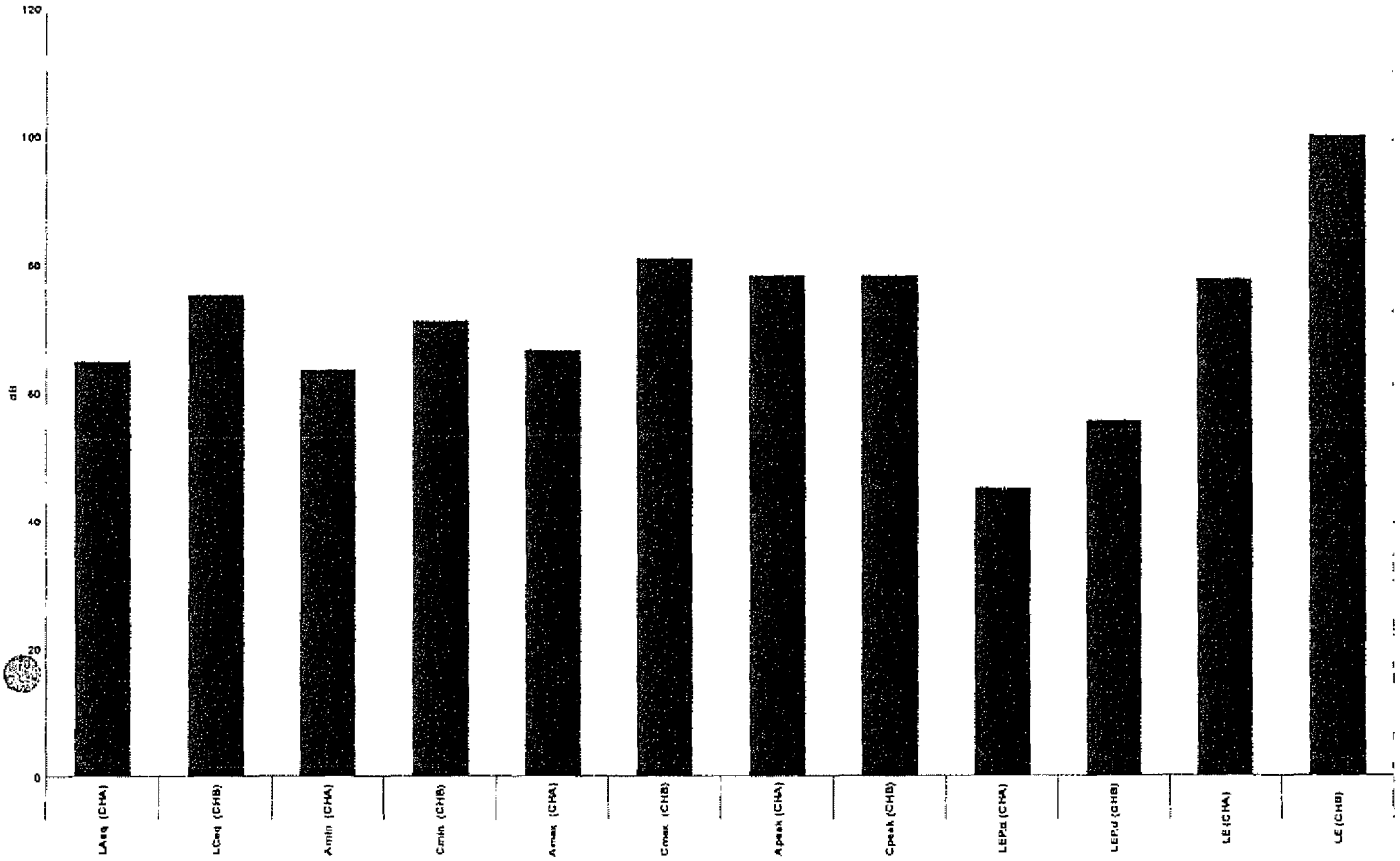
HT6.LOG


dB
100
90
80
70
60
50
40
30
20
10
0
LAeq (CHA)
LCeq (CHB)
Amin (CHA)
Cmin (CHB)
Amax (CHA)
Cmax (CHB)
Apeak (CHA)
Cpeak (CHB)
LEPd (CHA)
LEPd (CHB)
LE (CHA)
LE (CHB)

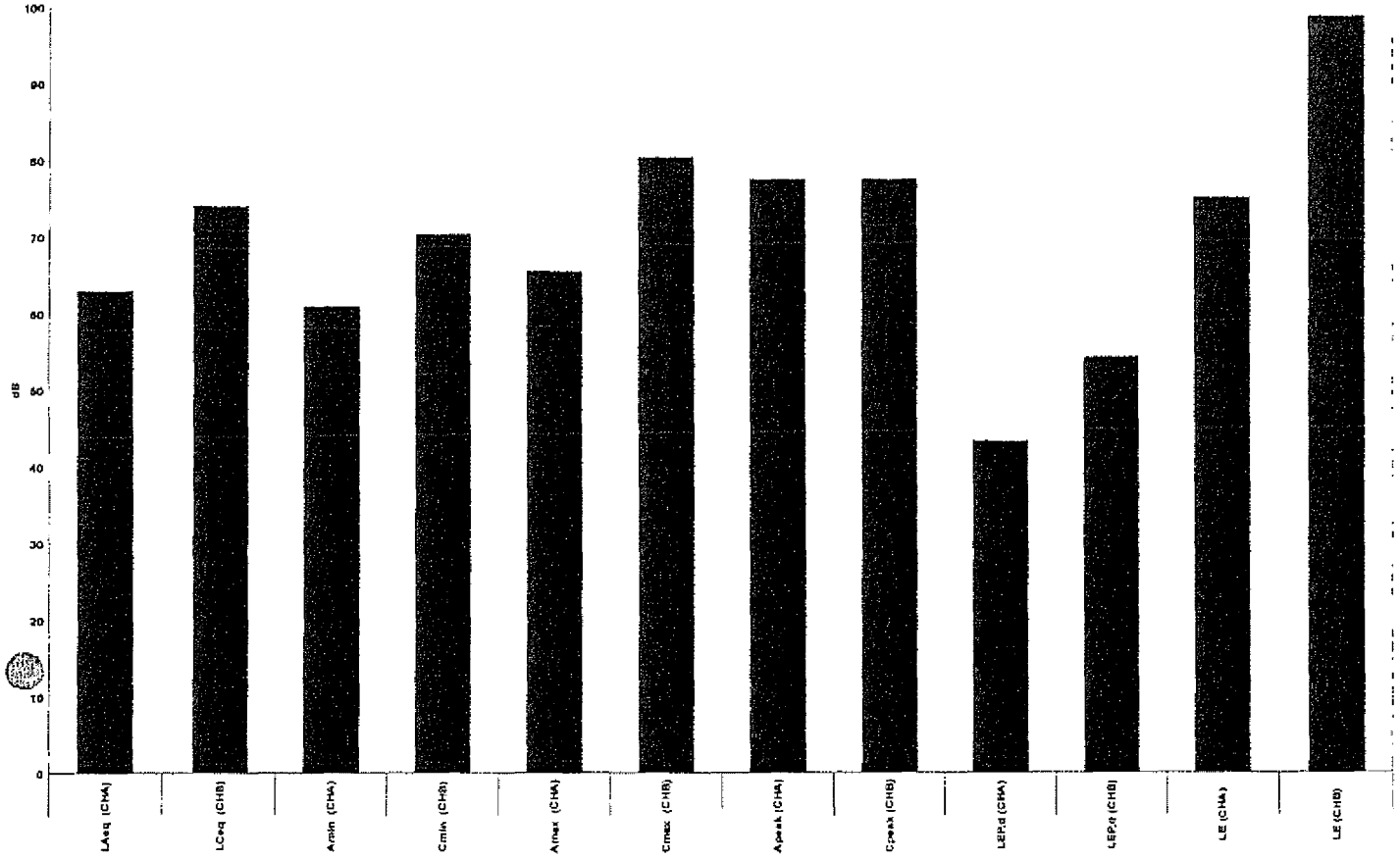
HT1.LOG


dB
100
90
80
70
60
50
40
30
20
10
0
LAeq (CHA)
LCeq (CHB)
Amin (CHA)
Cmin (CHB)
Amax (CHA)
Cmax (CHB)
Apeak (CHA)
Cpeak (CHB)
LEPd (CHA)
LEPd (CHB)
LE (CHA)
LE (CHB)

HT2.LOG


120
100
80
60
40
20
0
dB
LAeq (CHA)
LCeq (CHB)
Amin (CHA)
Cmin (CHB)
Amax (CHA)
Cmax (CHB)
Apeak (CHA)
Cpeak (CHB)
LEPa (CHA)
LEPd (CHB)
LE (CHA)
LE (CHB)

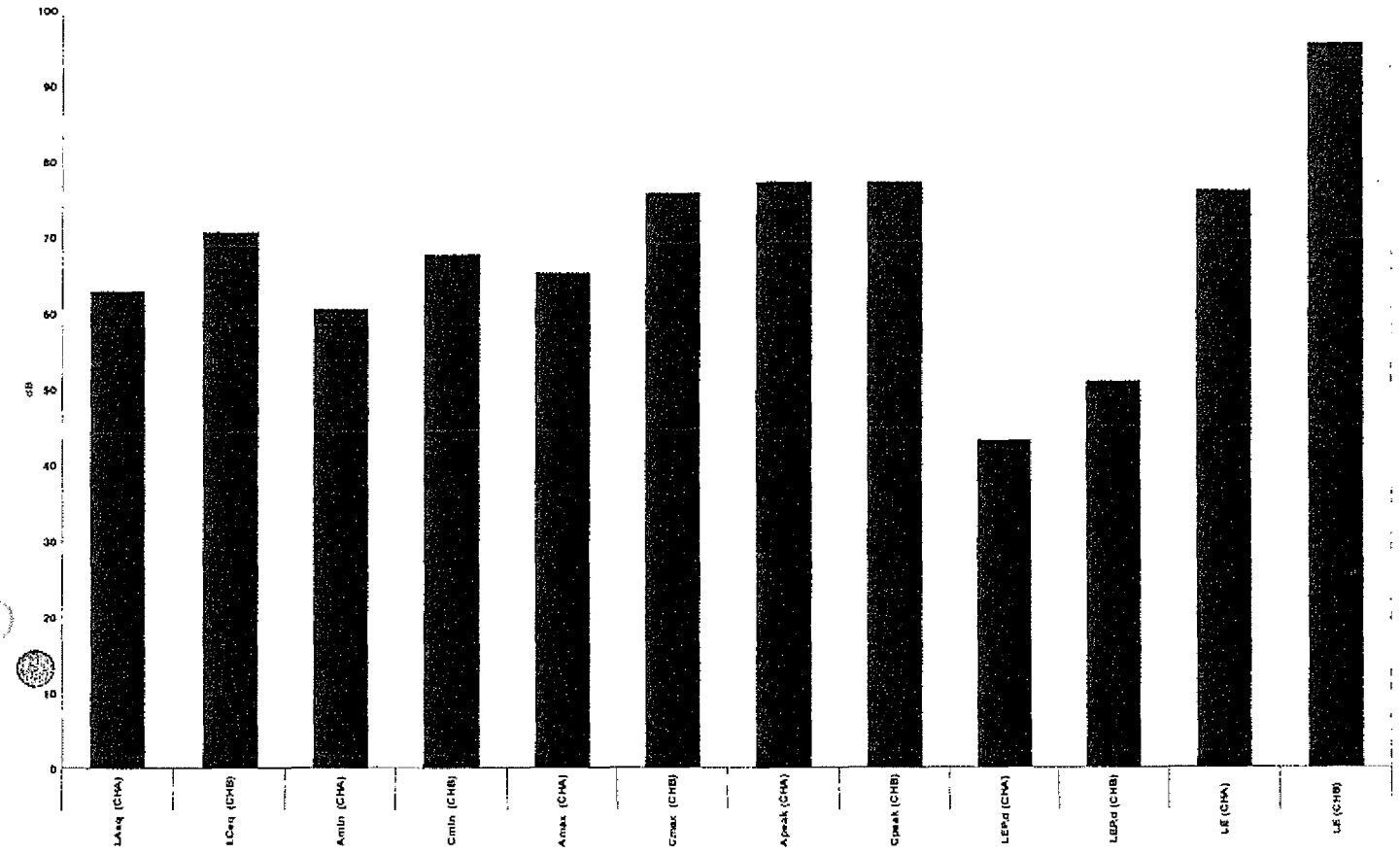
HT3.LOG


dB
100
90
80
70
60
50
40
30
20
10
0
LAeq (CHA)
LCeq (CHB)
Amin (CHA)
Cmin (CHB)
Amax (CHA)
Cmax (CHB)
Apeak (CHA)
Cpeak (CHB)
LEPd (CHA)
LEPd (CHB)
LE (CHA)
LE (CHB)

HT4.LOG

dB
100
90
80
70
60
50
40
30
20
10
0
LAeq (CHA)
LCeq (CHB)
Amin (CHA)
Cmin (CHB)
Amax (CHA)
Cmax (CHB)
Apeak (CHA)
Cpeak (CHB)
LEPd (CHA)
LEPd (CHB)
LE (CHA)
LE (CHB)

HT5.LOG


100
90
80
70
60
50
40
30
20
10
0
dB
LAeq (CHA)
LCeq (CHB)
Amin (CHA)
Cmin (CHB)
Amax (CHA)
Cmax (CHB)
Apeak (CHA)
Cpeak (CHB)
LEPd (CHA)
LEPd (CHB)
LE (CHA)
LE (CHB)