

QUEST TECHNOLOGIES  
Q300 NOISE LOGGING DOSIMETER

Version Number: 02.2

Serial Number: QC7050064

FORBES FERREIRA DOS SANTOS

Area: LINHA 4 FILIAL 6

Report: RELATORIO REALIZADO NO CORTE JUNTO AO  
OPERADOR DE BALANCI

Dosimeter Calibration: 114.0dB 16-OCT-97 @ 09:30:54

Serial Number: Calibration Date

Measuring Parameters: ( Range 70-140 Weighting A )

| DOSIMETER 1         | DOSIMETER 2         | DOSIMETER 3         |
|---------------------|---------------------|---------------------|
| Time Constant SLOW  | Time Constant SLOW  | Time Constant SLOW  |
| Exchange Rate 5dB   | Exchange Rate 5dB   | Exchange Rate 5dB   |
| Threshold 80.0dB    | Threshold 80.0dB    | Threshold 80.0dB    |
| Criterion 85.0dB    | Criterion 85.0dB    | Criterion 85.0dB    |
| Upper Limit 115.0dB | Upper Limit 115.0dB | Upper Limit 115.0dB |

Session Stopped Run Time  
6-JAN-98 @ 09:42:35 16-JAN-98 @ 10:29:18 0:46:42

DOSIMETER 1  
Peak Level 114.8dB 16-JAN-98 @ 09:51:05  
Low Max Level 92.4dB 16-JAN-98 @ 09:44:53 UL Time 0:00:00  
Low Min Level 75.3dB 16-JAN-98 @ 09:49:07

AVG 68.1dB TWA 51.3dB DOSE 0.93% DOSE(8) 9.55%

END

Session Stopped Run Time  
6-JAN-98 @ 09:42:35 16-JAN-98 @ 10:29:18 0:46:42

DOSIMETER 1  
Peak Level 114.8dB 16-JAN-98 @ 09:51:05  
Low Max Level 92.4dB 16-JAN-98 @ 09:44:53  
Low Min Level 75.3dB 16-JAN-98 @ 09:49:04  
AVG 68.1dB TWA 51.3dB DOSE 0.93% DOSE(8) 9.55%

ENT 1, DATA LOGGING # = Incomplete Interval  
 (1 MINUTE TIME HISTORY)

|      |    |    |    |    |      |          |
|------|----|----|----|----|------|----------|
| 1:42 | 70 | 71 | 76 | 66 | 55dB | + - 72dB |
| 1:47 | 77 | 70 | 59 | 68 | 68dB | 65dB     |
| 1:52 | 62 | 56 | 68 | 60 | 56dB | 62dB     |
| 1:57 | 67 | 66 | 73 | 68 | 59dB | 68dB     |
| 2:02 | 68 | 65 | 55 | 64 | 74dB | 67dB     |
| 2:07 | 77 | 72 | 64 | 59 | 63dB | 68dB     |
| 2:12 | 77 | 68 | 57 | 54 | 57dB | 64dB     |
| 2:17 | 71 | 70 | 49 | 69 | 71dB | 69dB     |
| 2:22 | 72 | 71 | 68 | 68 | 56dB | 69dB     |
| 2:27 | 69 | #  | #  | #  | #dB  | 57dB#    |

LOW MAX (1 MINUTE TIME HISTORY)

|      |    |    |    |    |      |                  |
|------|----|----|----|----|------|------------------|
| 2:42 | 89 | 87 | 92 | 82 | 80dB | +++++===== 92dB  |
| 2:47 | 81 | 80 | 80 | 88 | 82dB | +++++===== 88dB  |
| 2:52 | 81 | 81 | 84 | 82 | 80dB | +++++===== 84dB  |
| 2:57 | 83 | 81 | 85 | 85 | 80dB | +++++===== 85dB  |
| 3:02 | 82 | 82 | 80 | 83 | 87dB | +++++===== 87dB  |
| 3:07 | 83 | 80 | 81 | 80 | 81dB | +++++===== 83dB  |
| 3:12 | 82 | 82 | 80 | 80 | 80dB | +++++===== 82dB  |
| 3:17 | 87 | 83 | 80 | 82 | 83dB | +++++===== 83dB  |
| 3:22 | 86 | 84 | 82 | 81 | 80dB | +++++===== 86dB  |
| 3:27 | 89 | #  | #  | #  | #dB  | +++++===== 89dB# |

(1 MINUTE TIME HISTORY)

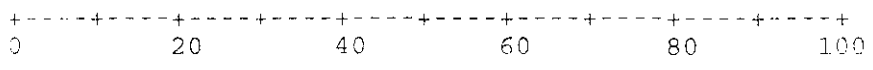
|      |     |     |     |     |       |                                     |
|------|-----|-----|-----|-----|-------|-------------------------------------|
| 3:37 | 109 | 109 | 108 | 109 | 108dB | +++++=====+===== 109dB              |
| 3:47 | 108 | 109 | 106 | 114 | 111dB | +++++=====+=====+===== 114dB        |
| 3:52 | 107 | 106 | 109 | 106 | 108dB | +++++=====+=====+===== 109dB        |
| 3:57 | 108 | 107 | 107 | 110 | 105dB | +++++=====+=====+=====+===== 110dB  |
| 4:02 | 107 | 105 | 104 | 105 | 107dB | +++++=====+=====+===== 107dB        |
| 4:07 | 107 | 106 | 106 | 106 | 109dB | +++++=====+=====+=====+===== 109dB  |
| 4:12 | 107 | 105 | 104 | 106 | 105dB | +++++=====+=====+=====+===== 107dB  |
| 4:17 | 107 | 106 | 104 | 105 | 103dB | +++++=====+=====+=====+===== 109dB  |
| 4:22 | 107 | 103 | 104 | 104 | 104dB | +++++=====+=====+=====+===== 107dB  |
| 4:27 | 106 | #   | #   | #   | #dB   | +++++=====+=====+=====+===== 106dB# |

TIME STATISTICAL DISTRIBUTION ( Slow Time Constant )

Total Samples 89686  
 Total Run 0:46:42

| dB  | Samples | % Time | 0     | 20 | 40 | 60 | 80 | 100 |
|-----|---------|--------|-------|----|----|----|----|-----|
| 109 | 109     | 0.12%  | +     | +  | +  | +  | +  | +   |
| 114 | 114     | 0.12%  | +     | +  | +  | +  | +  | +   |
| 108 | 28949   | 32.27% | ***** |    |    |    |    |     |
| 107 | 25982   | 30.02% | ***** |    |    |    |    |     |
| 106 | 17273   | 19.14% | ***** |    |    |    |    |     |
| 105 | 6869    | 7.65%  | ****  |    |    |    |    |     |
| 104 | 3439    | 3.83%  | **    |    |    |    |    |     |
| 103 | 1588    | 1.77%  | *     |    |    |    |    |     |
| 102 | 640     | 0.71%  | *     |    |    |    |    |     |
| 101 | 375     | 0.41%  | *     |    |    |    |    |     |
| 100 | 150     | 0.28%  | *     |    |    |    |    |     |

|    |         |        |   |
|----|---------|--------|---|
| 6  | 223     | 0.24%  | * |
| 7  | 128     | 0.14%  | * |
| 8  | 40      | 0.04%  | * |
| 9  | 48      | 0.05%  | * |
| 10 | 10      | 0.01%  | * |
| 11 | 16      | 0.01%  | * |
| 12 | 11      | 0.01%  | * |
| 13 | Samples | % Time |   |



QUEST TECHNOLOGIES  
Q300 NOISE LOGGING DOSIMETER

Version Number: 02.2

Serial Number: QC7050064

Operator: KELLY

Work Area: LINNA - 2 MONTAGEM DE BILU FILIAL 6

Comments:

Calibration: 114.0dB 16-OCT-97 @ 09:30:54

Calibration Number: Calibration Date:

Measuring Parameters: ( Range 70-140 Weighting A )

| DOSIMETER 1         | DOSIMETER 2         | DOSIMETER 3         |
|---------------------|---------------------|---------------------|
| Time Constant SLOW  | Time Constant SLOW  | Time Constant SLOW  |
| Exchange Rate 5dB   | Exchange Rate 5dB   | Exchange Rate 5dB   |
| Threshold 80.0dB    | Threshold 80.0dB    | Threshold 80.0dB    |
| Criterion 85.0dB    | Criterion 85.0dB    | Criterion 85.0dB    |
| Upper Limit 115.0dB | Upper Limit 115.0dB | Upper Limit 115.0dB |

Session Started: 14-JAN-98 @ 14:44:09      Session Stopped: 14-JAN-98 @ 16:06:57      Run Time: 1:22:48

DOSIMETER 1  
Peak Level 131.7dB 14-JAN-98 @ 16:06:37  
Low Max Level 110.7dB 14-JAN-98 @ 15:45:56      UL Time 0:00:00  
Low Min Level 76.8dB 14-JAN-98 @ 15:47:26

AVG 83.1dB TWA 75.4dB DOSE 26.56% DOSE(8) 153.9%  
TWA 119.5dB

END

Session Started: 14-JAN-98 @ 14:44:09      Session Stopped: 14-JAN-98 @ 16:06:57      Run Time: 1:22:48

DOSIMETER 1  
Peak Level 131.7dB 14-JAN-98 @ 16:06:37  
Low Max Level 110.7dB 14-JAN-98 @ 15:45:55  
Low Min Level 76.8dB 14-JAN-98 @ 15:47:25

AVG 83.1dB TWA 75.4dB DOSE 26.56% DOSE(8) 153.9%  
TWA 119.5dB

ENVIRONMENTAL DATA LOGGING # = Incomplete Interval  
 (1 MINUTE TIME HISTORY)

|      |    |     |    |    |      |               |       |
|------|----|-----|----|----|------|---------------|-------|
| 4:44 | 87 | 87  | 88 | 88 | 88dB | +-----+-----  | 88dB  |
| 4:49 | 88 | 88  | 88 | 87 | 86dB | +-----+-----  | 88dB  |
| 4:54 | 86 | 88  | 88 | 87 | 88dB | +-----+-----  | 88dB  |
| 4:59 | 87 | 88  | 87 | 88 | 86dB | +-----+-----  | 87dB  |
| 5:04 | 87 | 85  | 88 | 86 | 88dB | +-----+-----  | 87dB  |
| 5:09 | 86 | 85  | 86 | 87 | 86dB | +-----+-----  | 86dB  |
| 5:14 | 87 | 87  | 86 | 87 | 88dB | +-----+-----  | 87dB  |
| 5:19 | 85 | 88  | 87 | 86 | 88dB | +-----+-----  | 87dB  |
| 5:24 | 86 | 87  | 87 | 87 | 86dB | +-----+-----  | 87dB  |
| 5:29 | 87 | 86  | 88 | 88 | 85dB | +-----+-----  | 87dB  |
| 5:34 | 87 | 87  | 88 | 85 | 88dB | +-----+-----  | 87dB  |
| 5:39 | 88 | 87  | 87 | 88 | 86dB | +-----+-----  | 87dB  |
| 5:44 | 88 | 100 | 84 | 79 | 85dB | +-----+-----+ | 91dB  |
| 5:49 | 87 | 87  | 88 | 86 | 87dB | +-----+-----  | 87dB  |
| 5:54 | 86 | 88  | 89 | 89 | 89dB | +-----+-----  | 89dB  |
| 5:59 | 88 | 88  | 88 | 88 | 88dB | +-----+-----  | 88dB  |
| 6:04 | 90 | 89  | #  | #  | #dB  | +-----+       | 83dB# |

100 MAX (1 MINUTE TIME HISTORY)

|      |    |     |     |    |      |                    |       |
|------|----|-----|-----|----|------|--------------------|-------|
| 4:44 | 88 | 89  | 84  | 84 | 94dB | +=====+=====       | 95dB  |
| 4:49 | 93 | 93  | 91  | 91 | 94dB | +=====+=====       | 94dB  |
| 4:54 | 91 | 93  | 92  | 97 | 96dB | +=====+=====       | 97dB  |
| 4:59 | 91 | 92  | 91  | 93 | 91dB | +=====+=====       | 93dB  |
| 5:04 | 92 | 89  | 99  | 92 | 92dB | +=====+=====       | 99dB  |
| 5:09 | 94 | 91  | 91  | 91 | 91dB | +=====+=====       | 94dB  |
| 5:14 | 91 | 92  | 91  | 91 | 93dB | +=====+=====       | 93dB  |
| 5:19 | 90 | 92  | 92  | 94 | 94dB | +=====+=====       | 94dB  |
| 5:24 | 92 | 91  | 92  | 91 | 91dB | +=====+=====       | 92dB  |
| 5:29 | 91 | 91  | 91  | 92 | 92dB | +=====+=====       | 92dB  |
| 5:34 | 91 | 92  | 92  | 93 | 94dB | +=====+=====       | 94dB  |
| 5:39 | 91 | 92  | 91  | 93 | 92dB | +=====+=====       | 93dB  |
| 5:44 | 92 | 110 | 88  | 93 | 96dB | +=====+=====+===== | 110dB |
| 5:49 | 96 | 95  | 105 | 90 | 91dB | +=====+=====+===== | 105dB |
| 5:54 | 93 | 93  | 92  | 92 | 92dB | +=====+=====       | 93dB  |
| 5:59 | 91 | 91  | 92  | 91 | 92dB | +=====+=====       | 92dB  |
| 6:04 | 91 | 95  | #   | #  | #dB  | +=====+=====       | 95dB# |

100 MAX (1 MINUTE TIME HISTORY)

|      |     |     |     |     |       |                     |       |
|------|-----|-----|-----|-----|-------|---------------------|-------|
| 4:44 | 117 | 118 | 117 | 117 | 116dB | +=====+=====+=====  | 117dB |
| 4:49 | 117 | 117 | 118 | 114 | 115dB | +=====+=====+=====  | 116dB |
| 4:54 | 117 | 116 | 114 | 114 | 115dB | +=====+=====+=====  | 117dB |
| 4:59 | 114 | 115 | 115 | 115 | 116dB | +=====+=====+=====  | 116dB |
| 5:04 | 115 | 115 | 115 | 113 | 116dB | +=====+=====+=====  | 116dB |
| 5:09 | 115 | 110 | 114 | 122 | 115dB | +=====+=====+=====+ | 122dB |
| 5:14 | 114 | 118 | 115 | 115 | 115dB | +=====+=====+=====  | 118dB |
| 5:19 | 116 | 114 | 115 | 115 | 118dB | +=====+=====+=====  | 118dB |
| 5:24 | 116 | 117 | 115 | 116 | 115dB | +=====+=====+=====  | 117dB |
| 5:29 | 115 | 115 | 116 | 115 | 114dB | +=====+=====+=====  | 116dB |
| 5:34 | 117 | 117 | 115 | 114 | 115dB | +=====+=====+=====  | 117dB |
| 5:39 | 115 | 115 | 114 | 118 | 117dB | +=====+=====+=====  | 118dB |
| 5:44 | 117 | 125 | 115 | 112 | 110dB | +=====+=====+=====+ | 125dB |

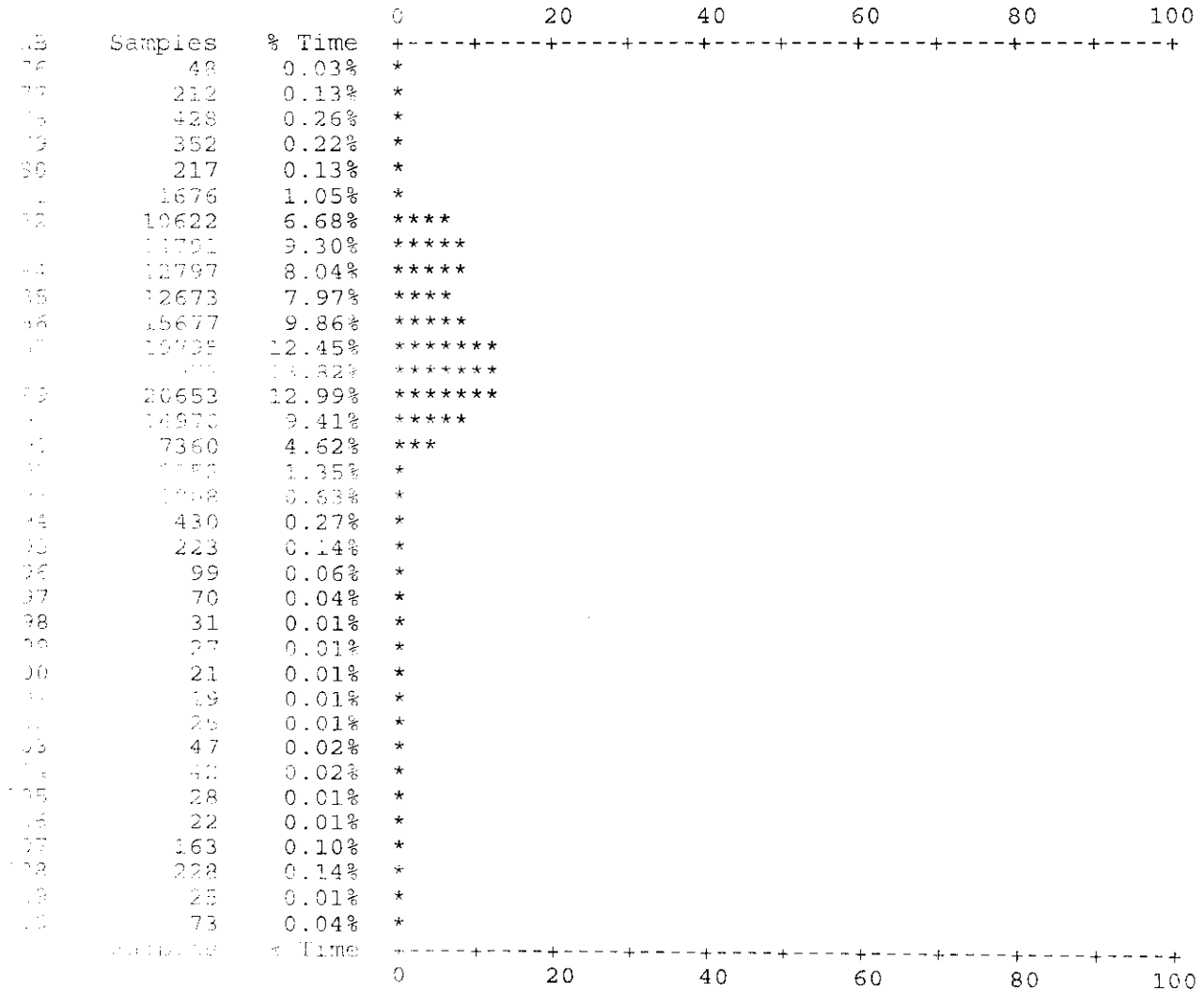
1 MINUTE TIME HISTORY)

```

149 113 116 127 115 115dB +====+====+====+====+====+==== 127dB
154 117 120 117 116 116dB +====+====+====+====+====+==== 120dB
159 116 116 115 115 115dB +====+====+====+====+====+==== 116dB
164 116 118 # # #dB +====+====+====+====+====+==== 118dB#
    
```

TIME STATISTICAL DISTRIBUTION ( Slow Time Constant )

total Samples 158977  
 total Run 1:22:48



QUEST TECHNOLOGIES  
Q300 NOISE LOGGING DOSIMETER

Version Number: 02.2

Serial Number: QC7050064

AMORÉ CARLOS GOSSEL

Work Area LINHA - 2 FILIAL-6

Comments RELATORIO REALIZADO NO PONTO 68 JUNTO AO OPERADOR

TRABALHO DE FAZER CAMBRÊ

Dosimeter Calibration: 114.0dB 16-OCT-97 @ 09:30:54

Calibrator:

Serial Number \_\_\_\_\_ Calibration Date \_\_\_\_\_

Measuring Parameters: ( Range 70-140 Weighting A )

| DOSIMETER 1   |         | DOSIMETER 2   |         | DOSIMETER 3   |         |
|---------------|---------|---------------|---------|---------------|---------|
| Time Constant | SLOW    | Time Constant | SLOW    | Time Constant | SLOW    |
| Exchange Rate | 5dB     | Exchange Rate | 5dB     | Exchange Rate | 5dB     |
| Threshold     | 80.0dB  | Threshold     | 80.0dB  | Threshold     | 80.0dB  |
| Criterion     | 85.0dB  | Criterion     | 85.0dB  | Criterion     | 85.0dB  |
| Upper Limit   | 115.0dB | Upper Limit   | 115.0dB | Upper Limit   | 115.0dB |

| Session Started      | Session Stopped      | Run Time |
|----------------------|----------------------|----------|
| 14-JAN-98 @ 13:06:14 | 14-JAN-98 @ 14:10:51 | 1:04:36  |

| DOSIMETER 1   |         | DOSIMETER 2          |         | DOSIMETER 3 |  |
|---------------|---------|----------------------|---------|-------------|--|
| Peak Level    | 123.1dB | 14-JAN-98 @ 13:49:14 |         |             |  |
| Low Max Level | 101.2dB | 14-JAN-98 @ 13:09:00 | UL Time | 0:00:00     |  |
| Low Min Level | 80.1dB  | 14-JAN-98 @ 13:06:24 |         |             |  |

AVG 85.7dB TWA 71.2dB DOSE 14.79% DOSE(8) 109.8%

EVENT(1)  
Files

| Session Started      | Session Stopped      | Run Time |
|----------------------|----------------------|----------|
| 14-JAN-98 @ 13:06:14 | 14-JAN-98 @ 14:10:51 | 1:04:36  |

| DOSIMETER 1   |         | DOSIMETER 2          |  | DOSIMETER 3 |  |
|---------------|---------|----------------------|--|-------------|--|
| Peak Level    | 123.1dB | 14-JAN-98 @ 13:49:14 |  |             |  |
| Low Max Level | 101.2dB | 14-JAN-98 @ 13:09:00 |  |             |  |
| Low Min Level | 80.1dB  | 14-JAN-98 @ 13:06:23 |  |             |  |

AVG 85.7dB TWA 71.2dB DOSE 14.79% DOSE(8) 109.8%

ENT(1) DATA LOGGING # = Incomplete Interval  
 AVG 1 (1 MINUTE TIME HISTORY)

|      |    |    |    |    |      |            |       |
|------|----|----|----|----|------|------------|-------|
| 1:06 | 84 | 84 | 89 | 85 | 86dB | +-----+--- | 86dB  |
| 1:11 | 85 | 87 | 85 | 87 | 85dB | +-----+--- | 86dB  |
| 1:16 | 86 | 84 | 87 | 88 | 85dB | +-----+--- | 86dB  |
| 1:21 | 85 | 84 | 85 | 87 | 86dB | +-----+--- | 85dB  |
| 1:26 | 87 | 85 | 86 | 85 | 85dB | +-----+--- | 85dB  |
| 1:31 | 85 | 85 | 84 | 85 | 84dB | +-----+--- | 84dB  |
| 1:36 | 85 | 85 | 85 | 83 | 84dB | +-----+--- | 84dB  |
| 1:41 | 85 | 85 | 84 | 86 | 85dB | +-----+--- | 85dB  |
| 1:46 | 89 | 85 | 84 | 87 | 84dB | +-----+--- | 86dB  |
| 1:51 | 84 | 84 | 83 | 84 | 85dB | +-----+--- | 84dB  |
| 1:56 | 85 | 85 | 85 | 84 | 84dB | +-----+--- | 85dB  |
| 2:01 | 84 | 85 | 84 | 85 | 87dB | +-----+--- | 85dB  |
| 2:06 | 86 | 86 | 86 | 85 | #dB  | +-----+--- | 84dB# |

AV MAX 1 (1 MINUTE TIME HISTORY)

|      |    |     |     |     |      |                     |       |
|------|----|-----|-----|-----|------|---------------------|-------|
| 1:06 | 88 | 90  | 101 | 91  | 94dB | +=====+=====+=====+ | 101dB |
| 1:11 | 90 | 100 | 91  | 99  | 91dB | +=====+=====+=====+ | 100dB |
| 1:16 | 94 | 91  | 98  | 95  | 92dB | +=====+=====+=====  | 98dB  |
| 1:21 | 91 | 90  | 94  | 95  | 93dB | +=====+=====+=====  | 95dB  |
| 1:26 | 96 | 90  | 96  | 92  | 92dB | +=====+=====+=====  | 98dB  |
| 1:31 | 92 | 91  | 89  | 91  | 88dB | +=====+=====+=====  | 92dB  |
| 1:36 | 93 | 92  | 89  | 88  | 91dB | +=====+=====+=====  | 93dB  |
| 1:41 | 91 | 91  | 89  | 94  | 92dB | +=====+=====+=====  | 94dB  |
| 1:46 | 97 | 92  | 91  | 101 | 86dB | +=====+=====+=====+ | 101dB |
| 1:51 | 90 | 88  | 87  | 92  | 92dB | +=====+=====+=====  | 92dB  |
| 1:56 | 91 | 91  | 91  | 91  | 88dB | +=====+=====+=====  | 91dB  |
| 2:01 | 91 | 92  | 92  | 94  | 99dB | +=====+=====+=====  | 99dB  |
| 2:06 | 95 | 95  | 94  | 92  | #dB  | +=====+=====+=====  | 95dB# |

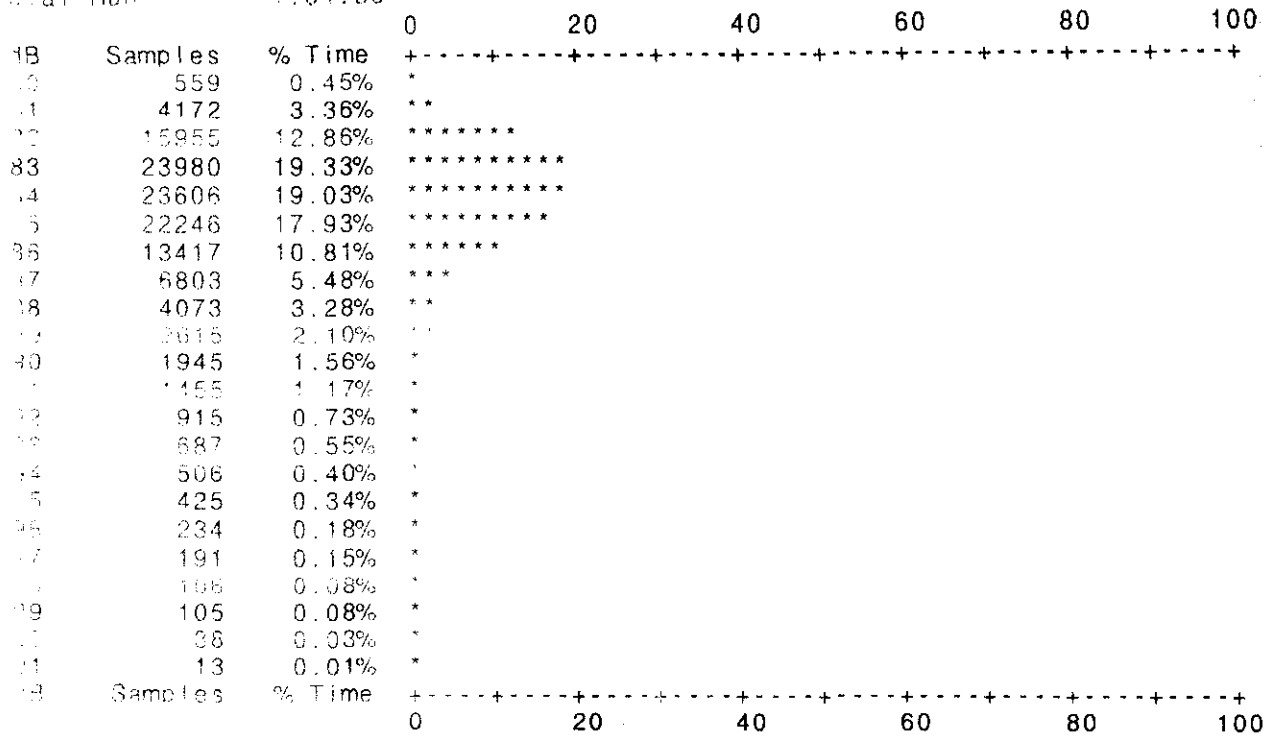
PK 1 (1 MINUTE TIME HISTORY)

|      |     |     |     |     |       |                                 |        |
|------|-----|-----|-----|-----|-------|---------------------------------|--------|
| 1:06 | 113 | 112 | 117 | 114 | 119dB | +=====+=====+=====+=====+=====  | 119dB  |
| 1:11 | 115 | 117 | 119 | 114 | 121dB | +=====+=====+=====+=====+=====+ | 121dB  |
| 1:16 | 114 | 121 | 119 | 114 | 111dB | +=====+=====+=====+=====+=====+ | 121dB  |
| 1:21 | 118 | 117 | 119 | 121 | 121dB | +=====+=====+=====+=====+=====+ | 121dB  |
| 1:26 | 118 | 118 | 118 | 122 | 122dB | +=====+=====+=====+=====+=====+ | 122dB  |
| 1:31 | 116 | 122 | 115 | 120 | 112dB | +=====+=====+=====+=====+=====+ | 122dB  |
| 1:36 | 118 | 118 | 118 | 116 | 117dB | +=====+=====+=====+=====+=====  | 118dB  |
| 1:41 | 119 | 120 | 114 | 119 | 122dB | +=====+=====+=====+=====+=====+ | 122dB  |
| 1:46 | 117 | 120 | 123 | 116 | 105dB | +=====+=====+=====+=====+=====+ | 123dB  |
| 1:51 | 109 | 107 | 105 | 122 | 122dB | +=====+=====+=====+=====+=====+ | 122dB  |
| 1:56 | 120 | 119 | 121 | 120 | 114dB | +=====+=====+=====+=====+=====+ | 121dB  |
| 2:01 | 119 | 119 | 120 | 121 | 121dB | +=====+=====+=====+=====+=====+ | 121dB  |
| 2:06 | 121 | 122 | 119 | 119 | #dB   | +=====+=====+=====+=====+=====+ | 122dB# |



THE STATISTICAL DISTRIBUTION ( Slow Time Constant )

Total Samples 124045  
 Total Run 1:04:36



QUEST TECHNOLOGIES  
Q300 NOISE LOGGING DOSIMETER

at Version Number: 02.2

Serial Number: QC7050064

Name: \_\_\_\_\_

Work Area: \_\_\_\_\_

Model: \_\_\_\_\_

Dosimeter Calibration: 114.0dB 16-OCT-97 @ 09:30:54

Serial Number

Calibration Date

Measuring Parameters: ( Range 70-140 Weighting A )

| DOSIMETER 1   |         | DOSIMETER 2   |         | DOSIMETER 3   |         |
|---------------|---------|---------------|---------|---------------|---------|
| Time Constant | SLOW    | Time Constant | SLOW    | Time Constant | SLOW    |
| Exchange Rate | 5dB     | Exchange Rate | 5dB     | Exchange Rate | 5dB     |
| Threshold     | 80.0dB  | Threshold     | 80.0dB  | Threshold     | 80.0dB  |
| Criterion     | 85.0dB  | Criterion     | 85.0dB  | Criterion     | 85.0dB  |
| Upper Limit   | 115.0dB | Upper Limit   | 115.0dB | Upper Limit   | 115.0dB |

| Session Started      | Session Stopped      | Run Time |
|----------------------|----------------------|----------|
| 14-JAN-98 @ 14:44:09 | 14-JAN-98 @ 16:06:57 | 1:22:48  |

Summary

|                |         |                      |         |         |
|----------------|---------|----------------------|---------|---------|
| Peak Level     | 131.7dB | 14-JAN-98 @ 16:06:37 |         |         |
| Slow Max Level | 110.7dB | 14-JAN-98 @ 15:45:56 | UL Time | 0:00:00 |
| Slow Min Level | 76.8dB  | 14-JAN-98 @ 15:47:26 |         |         |

|        |         |     |        |      |        |         |        |
|--------|---------|-----|--------|------|--------|---------|--------|
| AVG    | 88.1dB  | TWA | 75.4dB | DOSE | 26.56% | DOSE(8) | 153.9% |
| SEL(5) | 149.5dB |     |        |      |        |         |        |

Summary

14:44

| Session Started      | Session Stopped      | Run Time |
|----------------------|----------------------|----------|
| 14-JAN-98 @ 14:44:09 | 14-JAN-98 @ 16:06:57 | 1:22:48  |

Summary

|                |         |                      |  |  |
|----------------|---------|----------------------|--|--|
| Peak Level     | 131.7dB | 14-JAN-98 @ 16:06:37 |  |  |
| Slow Max Level | 110.7dB | 14-JAN-98 @ 15:45:55 |  |  |
| Slow Min Level | 76.8dB  | 14-JAN-98 @ 15:47:25 |  |  |

|        |         |     |        |      |        |         |        |
|--------|---------|-----|--------|------|--------|---------|--------|
| AVG    | 88.1dB  | TWA | 75.4dB | DOSE | 26.56% | DOSE(8) | 153.9% |
| SEL(5) | 149.5dB |     |        |      |        |         |        |

AVG (1 MINUTE TIME HISTORY) # = Incomplete Interval

|       |    |     |    |    |      |               |       |
|-------|----|-----|----|----|------|---------------|-------|
| 13:11 | 87 | 87  | 88 | 88 | 88dB | +-----+-----  | 88dB  |
| 13:14 | 87 | 87  | 88 | 87 | 86dB | +-----+-----  | 88dB  |
| 13:54 | 88 | 88  | 88 | 87 | 88dB | +-----+-----  | 88dB  |
| 14:59 | 87 | 88  | 87 | 88 | 86dB | +-----+-----  | 87dB  |
| 15:04 | 87 | 85  | 88 | 86 | 88dB | +-----+-----  | 87dB  |
| 15:09 | 86 | 85  | 86 | 87 | 86dB | +-----+-----  | 86dB  |
| 15:14 | 87 | 87  | 86 | 87 | 88dB | +-----+-----  | 87dB  |
| 15:19 | 88 | 88  | 87 | 86 | 88dB | +-----+-----  | 87dB  |
| 15:24 | 87 | 87  | 87 | 87 | 86dB | +-----+-----  | 87dB  |
| 15:29 | 87 | 86  | 88 | 88 | 85dB | +-----+-----  | 87dB  |
| 15:34 | 87 | 87  | 88 | 85 | 88dB | +-----+-----  | 87dB  |
| 15:39 | 88 | 87  | 87 | 88 | 86dB | +-----+-----  | 87dB  |
| 15:44 | 88 | 100 | 84 | 79 | 85dB | +-----+-----+ | 91dB  |
| 15:49 | 86 | 87  | 88 | 86 | 87dB | +-----+-----  | 87dB  |
| 15:54 | 88 | 89  | 89 | 89 | 89dB | +-----+-----  | 89dB  |
| 15:59 | 88 | 88  | 88 | 88 | 88dB | +-----+-----  | 88dB  |
| 16:04 | 90 | 89  | #  | #  | #dB  | +-----+-----  | 83dB# |

FLOW MAX (1 MINUTE TIME HISTORY)

|       |    |     |     |    |      |                    |       |
|-------|----|-----|-----|----|------|--------------------|-------|
| 13:11 | 90 | 92  | 94  | 94 | 94dB | +=====+=====       | 95dB  |
| 13:14 | 93 | 93  | 91  | 91 | 94dB | +=====+=====       | 94dB  |
| 13:54 | 91 | 93  | 92  | 97 | 96dB | +=====+=====       | 97dB  |
| 14:59 | 91 | 92  | 91  | 93 | 91dB | +=====+=====       | 93dB  |
| 15:04 | 92 | 89  | 99  | 92 | 92dB | +=====+=====       | 99dB  |
| 15:09 | 91 | 91  | 91  | 91 | 91dB | +=====+=====       | 94dB  |
| 15:14 | 91 | 92  | 91  | 91 | 93dB | +=====+=====       | 93dB  |
| 15:19 | 90 | 92  | 92  | 94 | 94dB | +=====+=====       | 94dB  |
| 15:24 | 91 | 91  | 92  | 91 | 91dB | +=====+=====       | 92dB  |
| 15:29 | 91 | 91  | 91  | 92 | 92dB | +=====+=====       | 92dB  |
| 15:34 | 91 | 92  | 92  | 93 | 94dB | +=====+=====       | 94dB  |
| 15:39 | 92 | 92  | 91  | 93 | 92dB | +=====+=====       | 93dB  |
| 15:44 | 93 | 110 | 88  | 93 | 96dB | +=====+=====+===== | 110dB |
| 15:49 | 96 | 95  | 105 | 90 | 91dB | +=====+=====+===== | 105dB |
| 15:54 | 93 | 93  | 92  | 92 | 92dB | +=====+=====       | 93dB  |
| 15:59 | 91 | 91  | 92  | 91 | 92dB | +=====+=====       | 92dB  |
| 16:04 | 93 | 95  | #   | #  | #dB  | +=====+=====       | 95dB# |

PEAK (1 MINUTE TIME HISTORY)

|       |     |     |     |     |       |                          |       |
|-------|-----|-----|-----|-----|-------|--------------------------|-------|
| 13:44 | 117 | 114 | 117 | 117 | 116dB | +=====+=====+=====       | 117dB |
| 14:49 | 114 | 116 | 115 | 114 | 115dB | +=====+=====+=====       | 116dB |
| 15:54 | 117 | 116 | 114 | 114 | 115dB | +=====+=====+=====       | 117dB |
| 16:04 | 114 | 115 | 115 | 115 | 116dB | +=====+=====+=====       | 116dB |
| 16:04 | 115 | 115 | 115 | 113 | 116dB | +=====+=====+=====       | 116dB |
| 16:09 | 117 | 110 | 114 | 122 | 115dB | +=====+=====+=====+===== | 122dB |
| 16:14 | 114 | 112 | 115 | 115 | 115dB | +=====+=====+=====+===== | 118dB |
| 16:19 | 117 | 114 | 115 | 115 | 118dB | +=====+=====+=====+===== | 118dB |
| 16:24 | 116 | 117 | 115 | 116 | 115dB | +=====+=====+=====+===== | 117dB |
| 16:29 | 115 | 115 | 116 | 115 | 114dB | +=====+=====+=====+===== | 116dB |
| 16:34 | 117 | 117 | 115 | 114 | 115dB | +=====+=====+=====+===== | 117dB |
| 16:39 | 115 | 115 | 114 | 118 | 117dB | +=====+=====+=====+===== | 118dB |
| 16:44 | 117 | 125 | 115 | 112 | 110dB | +=====+=====+=====+===== | 125dB |

PEAK (1 MINUTE TIME HISTORY)

0:49 113 116 127 115 115dB +====+====+====+====+====+====+==== 127dB  
 1:54 115 120 117 116 116dB +====+====+====+====+====+====+==== 120dB  
 2:59 116 116 115 115 115dB +====+====+====+====+====+====+==== 116dB  
 3:04 116 118 # # #dB +====+====+====+====+====+====+==== 118dB#

STATISTICAL DISTRIBUTION ( Slow Time Constant )

Total Samples 158977  
 Total Run 1:22:48

| dB  | Samples | % Time |       |
|-----|---------|--------|-------|
| 76  | 48      | 0.03%  | *     |
| 77  | 212     | 0.13%  | *     |
| 78  | 428     | 0.26%  | *     |
| 79  | 352     | 0.22%  | *     |
| 80  | 217     | 0.13%  | *     |
| 81  | 1676    | 1.05%  | *     |
| 82  | 10622   | 6.68%  | ***** |
| 83  | 14791   | 9.30%  | ***** |
| 84  | 12797   | 8.04%  | ***** |
| 85  | 12673   | 7.97%  | ***** |
| 86  | 15677   | 9.86%  | ***** |
| 87  | 19795   | 12.45% | ***** |
| 88  | 21973   | 13.82% | ***** |
| 89  | 20653   | 12.99% | ***** |
| 90  | 14770   | 9.41%  | ***** |
| 91  | 7360    | 4.62%  | ***   |
| 92  | 2152    | 1.35%  | *     |
| 93  | 1008    | 0.63%  | *     |
| 94  | 430     | 0.27%  | *     |
| 95  | 221     | 0.14%  | *     |
| 96  | 99      | 0.06%  | *     |
| 97  | 70      | 0.04%  | *     |
| 98  | 31      | 0.01%  | *     |
| 99  | 27      | 0.01%  | *     |
| 100 | 21      | 0.01%  | *     |
| 101 | 19      | 0.01%  | *     |
| 102 | 25      | 0.01%  | *     |
| 103 | 47      | 0.02%  | *     |
| 104 | 42      | 0.02%  | *     |
| 105 | 28      | 0.01%  | *     |
| 106 | 22      | 0.01%  | *     |
| 107 | 163     | 0.10%  | *     |
| 108 | 208     | 0.14%  | *     |
| 109 | 25      | 0.01%  | *     |
| 110 | 73      | 0.04%  | *     |
| dB  | Samples | % Time |       |