

# Sound Measurement

**Instructions:**

- Make sure the meter is set to "A" weighting and "slow" response.
- Set the range dial to 100.
- Position the meter at 90 degrees to the vehicle direction of travel
- As each car passes, record the car number and sound level
- If a car exceeds 93db, contact grid and inform them of the car #
- At the end of your run group, post this sheet on the results board

Heat 1

Car #	Run1	Run2	Run3	Run4	Run5
FJA27	87.3	87.2	87.8	88.3	
FJB33	78.6	79.1	81.0	79.2	
111X	95.5	96.5	97.1	93.3	96.0
44X	98.7	100.4	98.8	97.6	
46X	90.1	90.5	87.0	86.7	
92BS	87.2	90.0	87.1	88.7	
17X	92.8	95.2	94.3	94.6	
53X	91.5	90.9	92.2	90.5	
96X	97.3				
4AS	80.7	81.8	82.3	82.7	
17X	80.7	81.6	81.7	82.3	
33X	89.0	81.3	89.6	75.0	
51X	96.1	97.3	97.3	94.7	
66X	84.2	87.9	86.1	87.4	
75X	89.6	91.4	90.3	92.0	
85X	90.1	92.1	91.9	92.0	
88X	80.3	82.9	83.2	80.2	
91X	91.7	79.6	89.0	89.3	
94X	104.8	104.0	103.6	92.0	
174X	98.7	98.9	98.8	99.6	
199X	90.1	88.1	89.4	89.2	
142 FIBS	82.6	83.0	82.9	85.0	
20 AS	88.6	80.2	82.1	79.3	
34AS	88.9	89.9	87.9	87.0	
77AS	79.0	82.3	80.7	80.5	
11BS	78.1	78.2	76.2	76.4	
11X	94.1	95.3	95.9	95.4	
144X	100.3	100.4	98.0	95.6	98.1
146X	94.1	94.7	95.0	95.0	93.4
33BS	82.4	84.8	82.4	83.9	
99BS	85.5	80.6	82.1	79.2	
87X	86.8	89.4	86.3	88.3	89.6
119X	94.5	94.7	94.2	94.7	
153X	92.5	90.1	89.3	89.7	
196X	95.8				
19AS	83.7	82.1	81.3	83.3	
25AS	81.0	82.3	83.3	83.0	
16AT	86.9	86.2	89.1	83.0	78.7
29AT	81.0	73.2	80.0	81.2	
40AT	73.2	77.1	77.7	81.6	76.3
44AT	76.2	83.5	72.8	73.9	82.9

Car #	Run1	Run2	Run3	Run4	Run5
52AS	72.8	79.7	78.0	74.0	
53AS	85.0	87.0	93.4	79.0	81.3
7AS	79.9	82.4	84.6	81.2	
66AS	74.6	81.1	76.6	75.9	
84AS	83.0	80.3	81.6	84.0	
95TM	88.8	88.8	88.2	90.3	91.2
215TM	81.3	81.1	86.5	84.4	
265TM	77.0	79.0	83.7	78.3	
275TM	76.5	75.5	76.4	76.4	
745TM	83.7	86.0	82.7	87.6	
795TM	77.9	81.6	81.4	79.0	
34X	93.0	94.9	95.0		
<del>85X</del>	<del>92.1</del>				
134X	92.0	93.3	92.3		
42FIBS	81.0	82.5	82.5	83.7	

90.1

93.0

77.3

