Dear

Pursuant to our recent conversations, the following represent my understanding of the general format for the demonstration:

a. Four platforms will be available complete for the demonstrations. We will use the receiving equipment at the two sources for 110 volts with the platforms in the field. of some description for this purpose will be necessary.

b. S/N improvement demonstration involving taped inputs and outputs will be ready. Due to the shortness of time, it may be that this demonstration should be put on tape and simply played to the spectators at the demonstration site (see attached general structuring).

c. The volume increase/attention to a particular sound demonstration could possibly also be taped for play back as in b. above.

d. A general discussion concerning the theory vis-a-vis the cover.

e. A general discussion regarding anticipated (tentative and can be deleted if you desire).

f. The system can be demonstrated if it is available. I would anticipate that this would require an evening session in the laboratory.

As we previously agreed, it is my understanding that you will carry out all necessary procedures for the four platforms above except installation which will be postponed until 2 - 3 weeks prior to the

demonstration. Per attachment, the additional
studies to be initiated here will hopefully produce an
advance in the state-of-the-art in time for incorporation
into your demonstration platforms. If not, then the old
style _____ will be used. I will be in further com-
munication with you as data accumulate.

I am looking forward expectantly to successful
demonstrations and am sure that once done, we can then
address ourselves to follow-on tasks of great interest.

Very truly yours,

General Protocol for S/N Improvement
Measuring System

1. A taped calibrated input for both S and N at
   equivalent sound pressure levels. A taped
   calibrated output (corrected for 10 - 12 db
   pinna and meatus gain). It may be possible,
   to also have scope
   photographed displays of the same data. It
   is important, I believe, to also have a standard
   mike listen to the same taped calibrated input
   with the same output display for comparison
   purposes.

2. The above should give a direct measure of S/N
   improvement for both the platform performance
   and conventional mike performance.

3. This same technique, it seems to me, could be put
   to valuable use for quantitative calibrations