ANNEX

The Applicant wishes to provide the following comments in response to the Examiner's objections to claim 1. Claim 1 has been amended to further define the step of "adaptively changing an input training signal" to clarify the claimed invention over the prior art. The adaptive changing of the training signal is based upon, and has been amended to include reference to the signal output from the power amplifier. Such adaptation of the training signal is not taught, or suggested, in the prior art, and particularly with regard to adaptation based upon the signal output from the power amplifier.

Claim 9 has been amended to be dependent upon claim 2, as suggested by the Examiner.

The Applicant wishes to provide the following comments in response to the Examiner's objections to claim 11. Claim 11 has been amended to include the steps, previously omitted from the application due to a typographical error, associated with amplitude training as described in the specification. The basis for amended claim 11 can be found throughout the specification, but in particular with regard to FIG.6 and its associated description. The scope of protection sought in claim 11 is similar to the scope of protection sought in claim 1. Hence, the arguments proposed above with regard to the Examiner's objections to claim 1, are therefore equally applicable to the Examiner's objections to claim 11.

The Applicant wishes to provide the following comments in response to the Examiner's objections to claim 12. Claim 12 has been amended to include elements of a linear power amplifier, consistent with the specification and drawings, that sufficiently define the claimed invention. The prior art does not teach, or suggest, the use of a processor "for adaptively changing the input training signal in response to the amplified feedback signal. Hence, the processor's function, the training signal iterations and the processor's control of the training signal are all respectfully submitted as novel and non-obvious.