

Figure 4: The recording program flow chart diagram

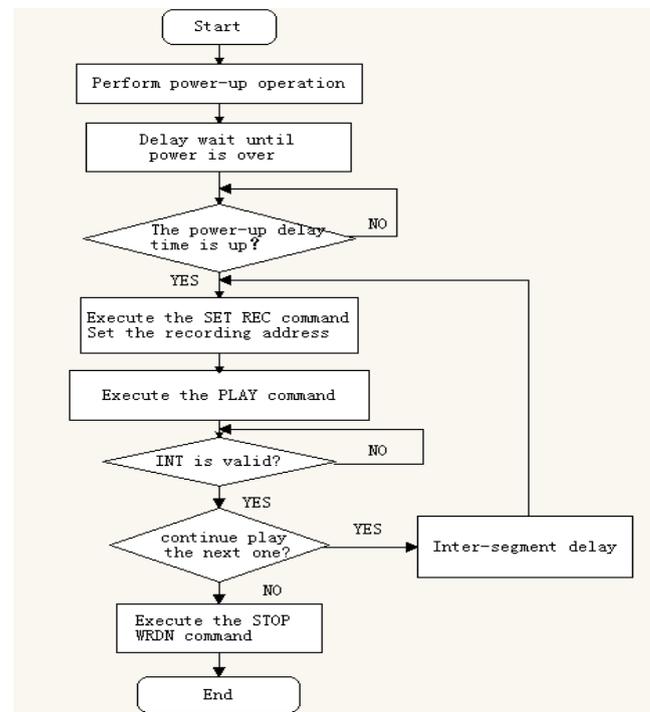


Figure 5: The playback program flow chart diagram

5. CONCLUSION

The system takes full account of the reliability and cheap and practical use of the variability, breaking the use of the previous voice chip, the use of software programming improvements to save hardware circuit resources. The entire circuit is stable and reliable, the output of the sound clear as well as beautifully. The maximum recording time of the system is eight minutes. If the recording time needs to be increased, only need to increase the number of ISD4004 chip. Through the chip select can increase the recording time.

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