

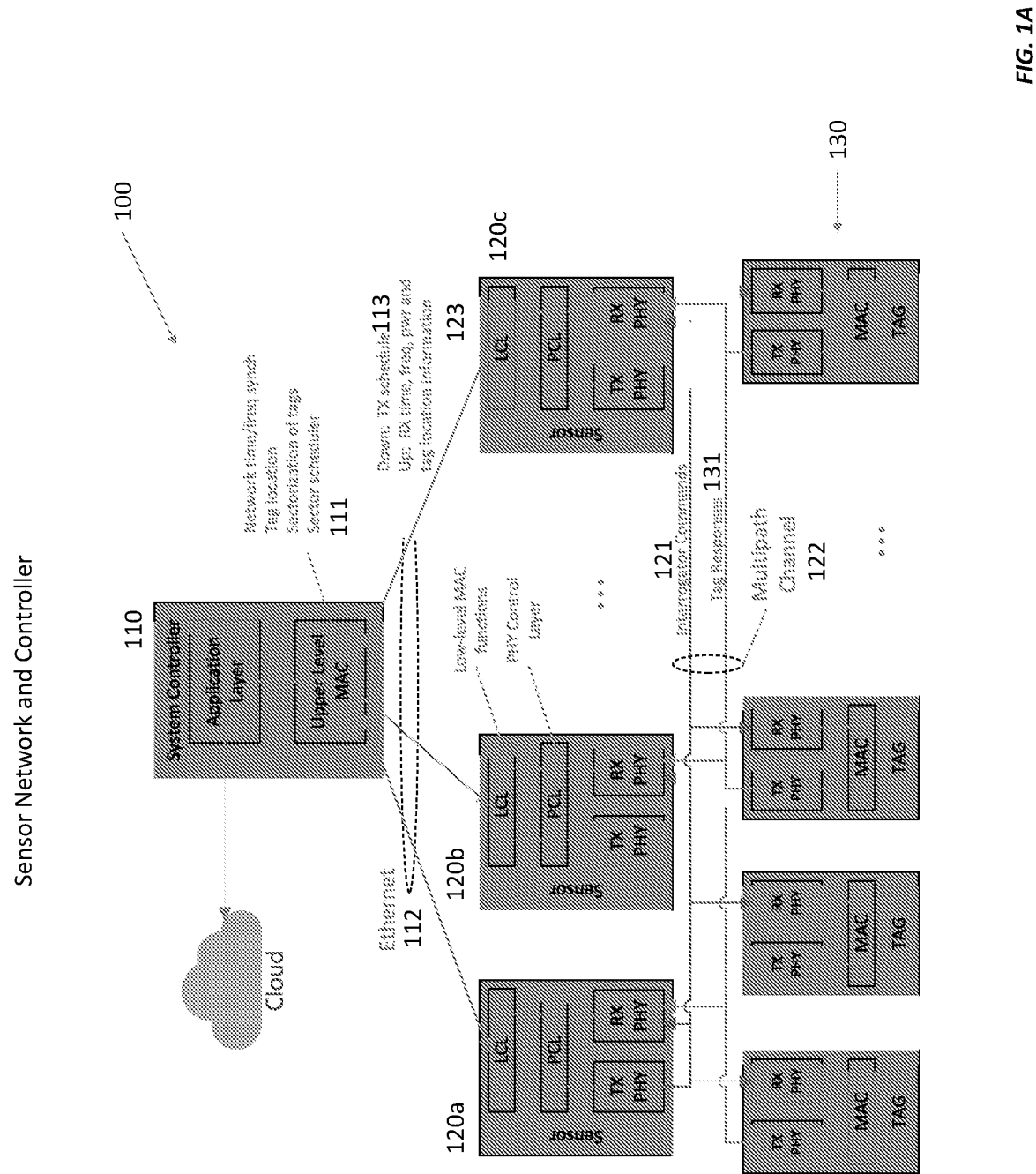


FIG. 1A

Sensor Measurements

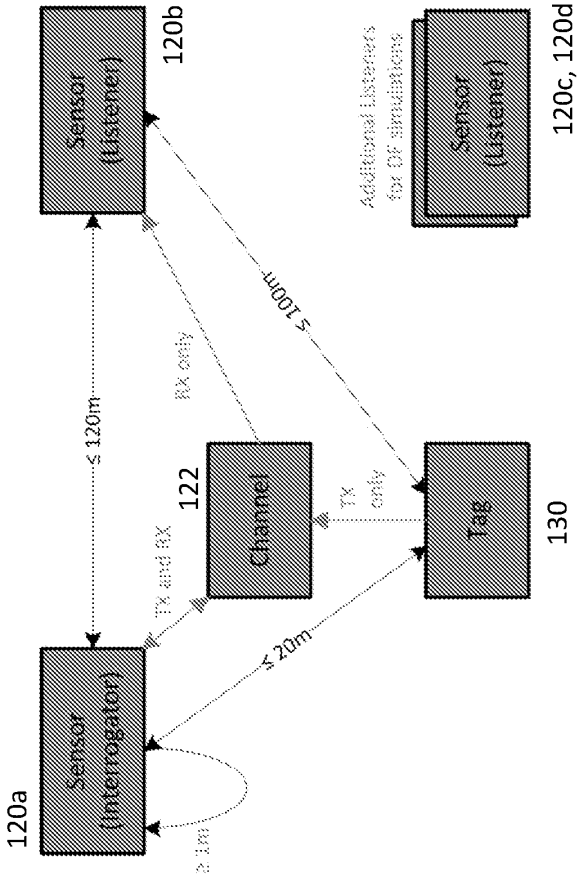


FIG. 1B

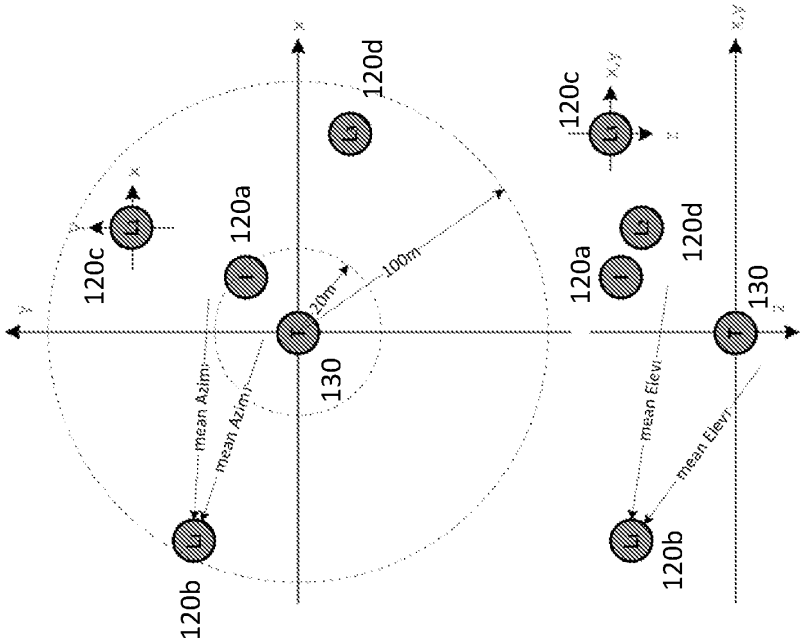


FIG. 1C

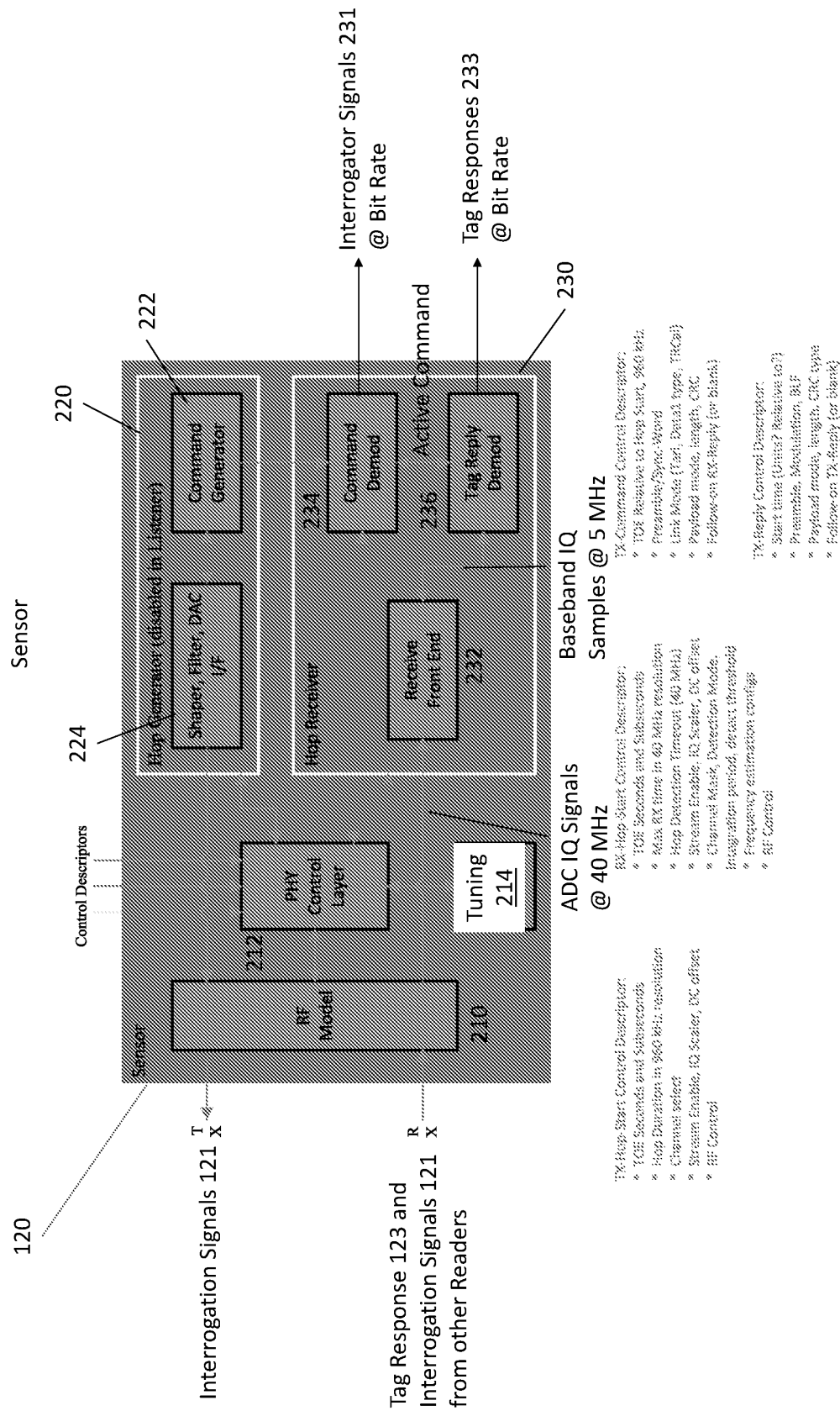


FIG. 2

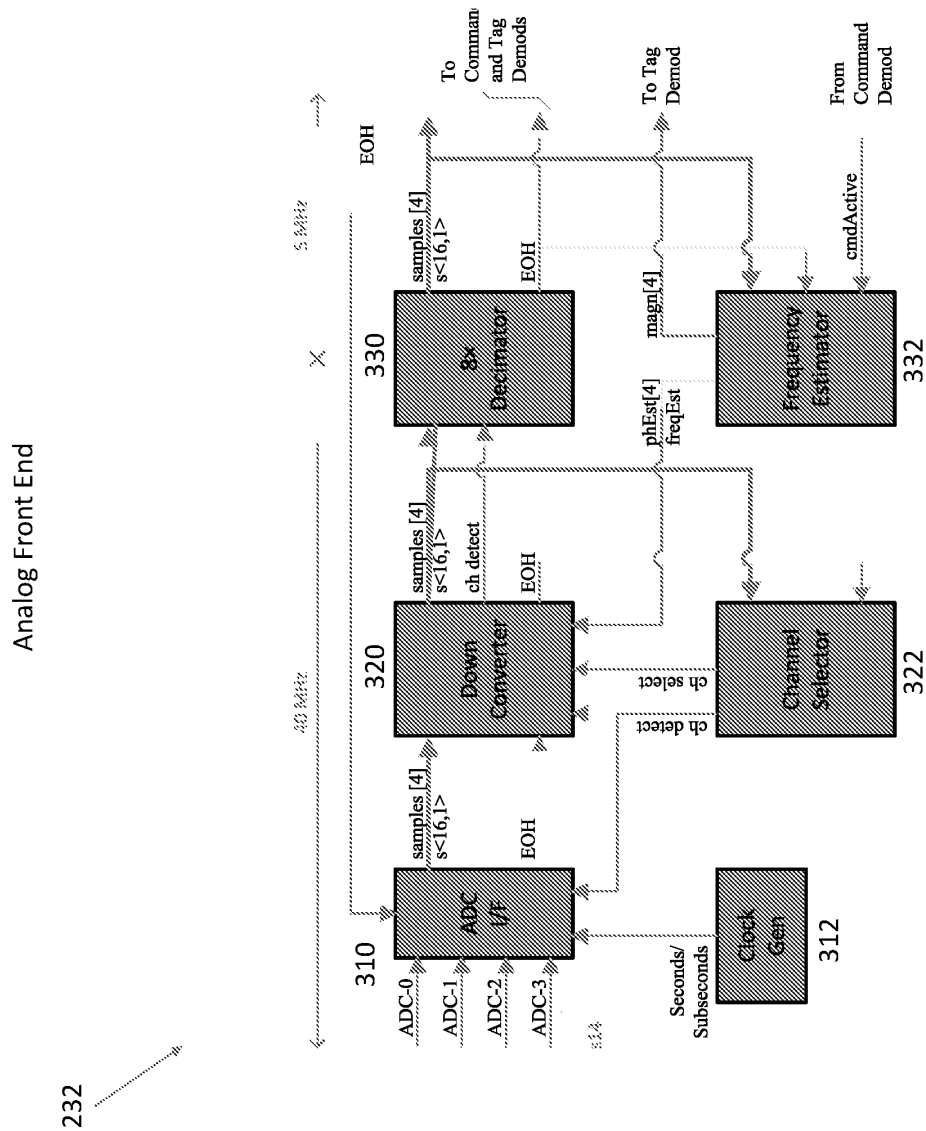


FIG. 3

Channel Monitor & Channel Monitoring and Selection Process

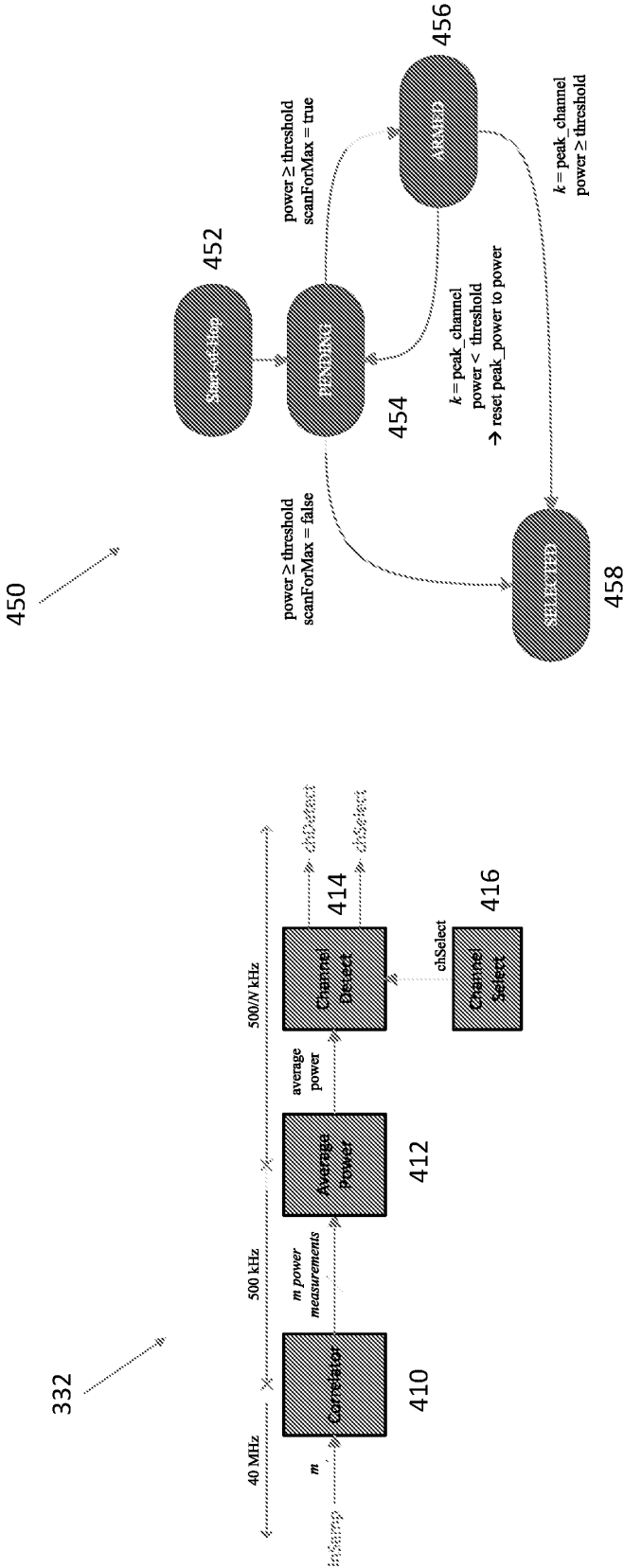
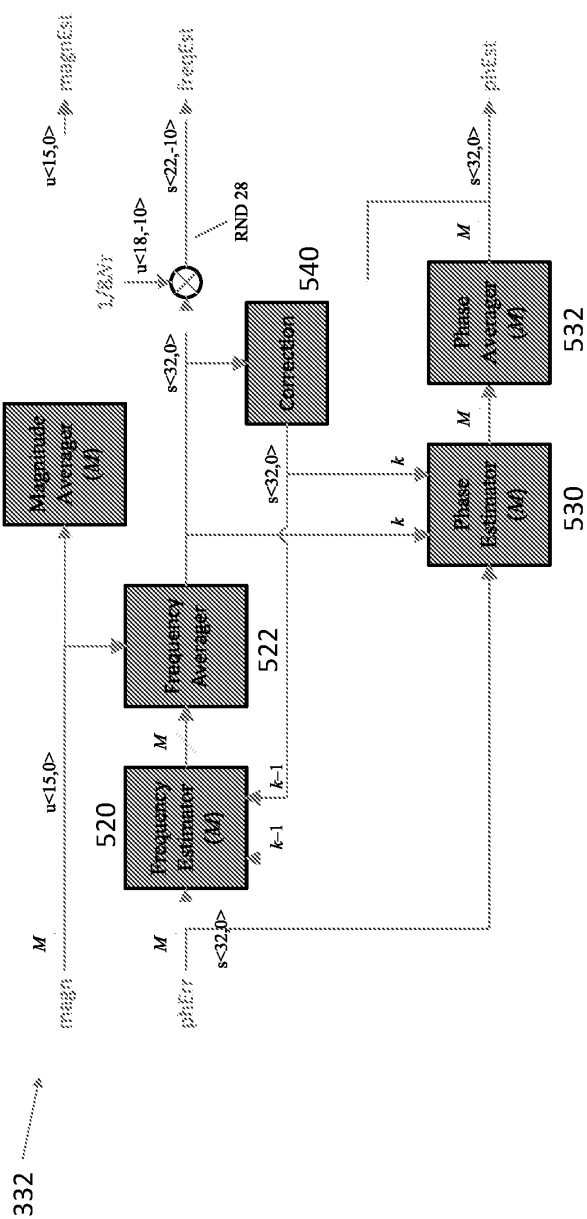
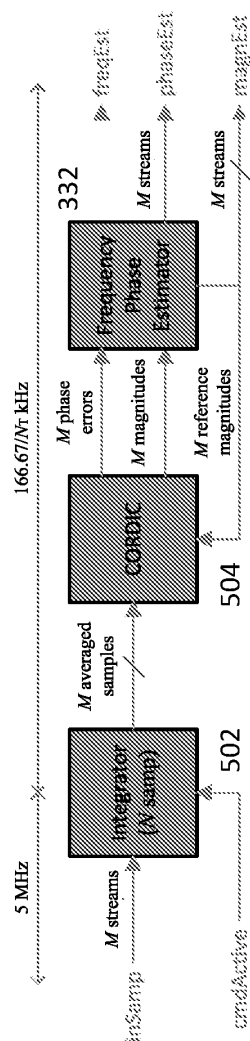


FIG. 4A

FIG. 4B

Phase and Frequency Estimation



Command Demodulator

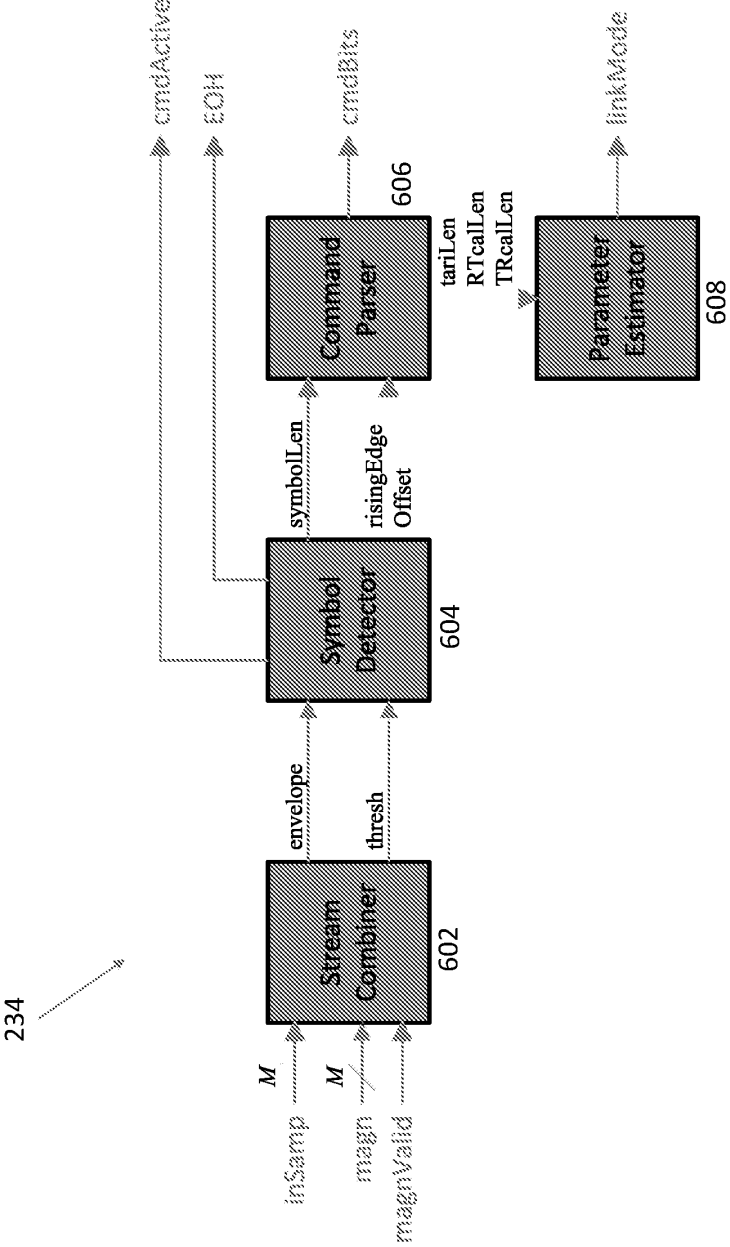


FIG. 6

Tag Demodulator

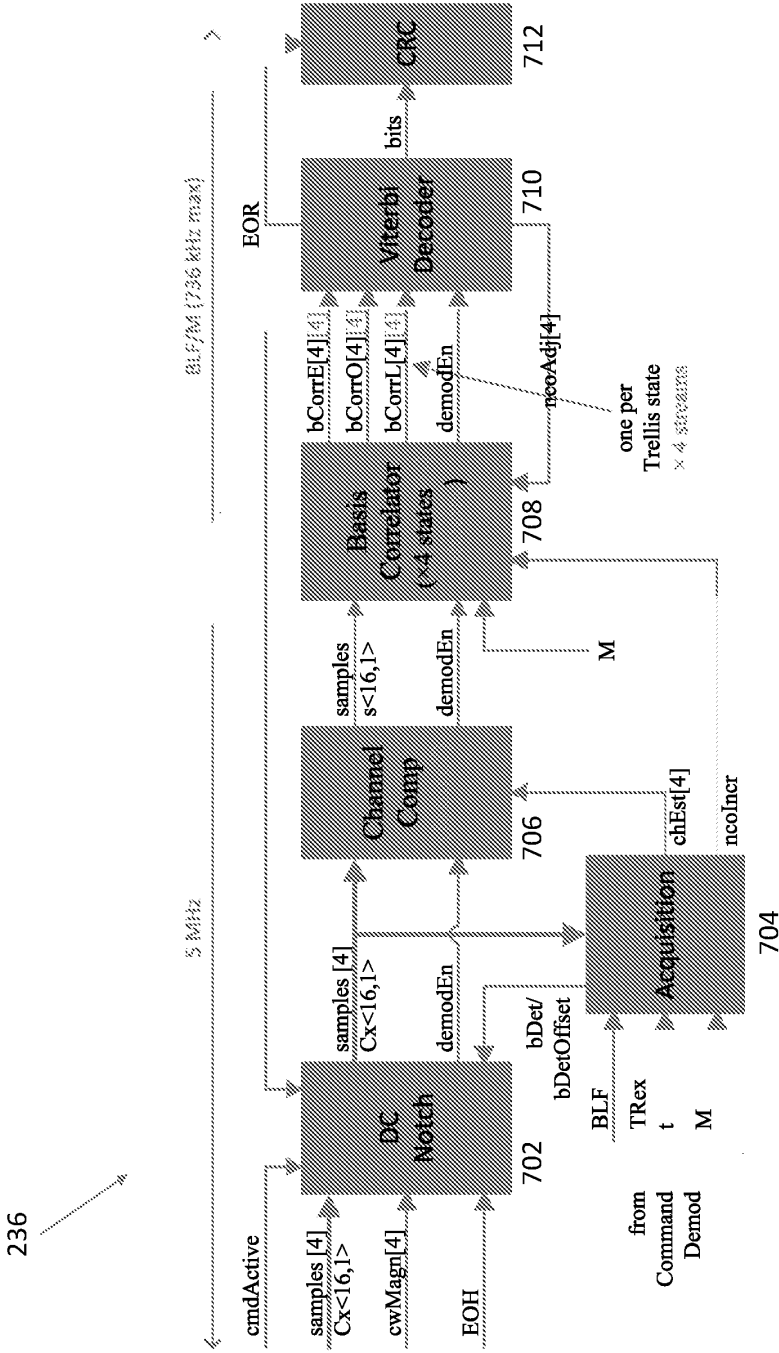


FIG. 7