FIG. 5

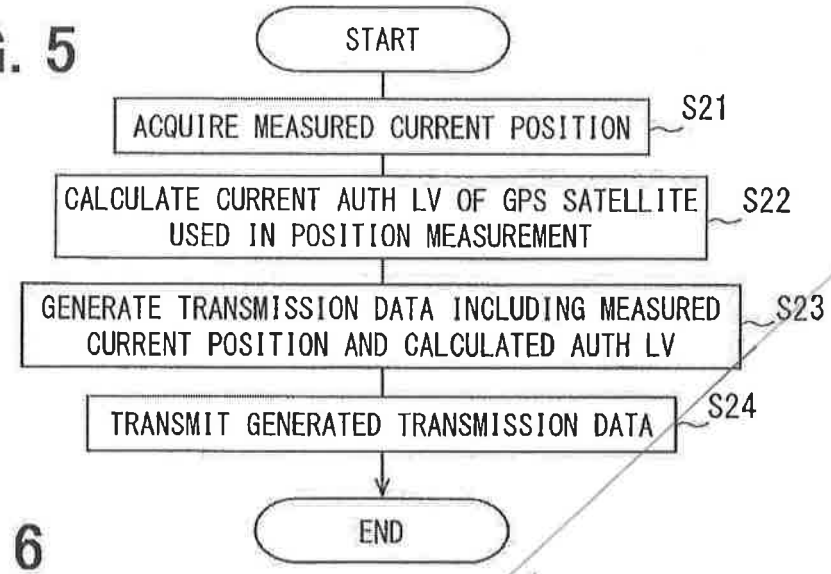

START
ACQUIRE MEASURED CURRENT POSITION
S21
CALCULATE CURRENT AUTH LV OF GPS SATELLITE USED IN POSITION MEASUREMENT
S22
GENERATE TRANSMISSION DATA INCLUDING MEASURED CURRENT POSITION AND CALCULATED AUTH LV
S23
TRANSMIT GENERATED TRANSMISSION DATA
S24
END

FIG. 6

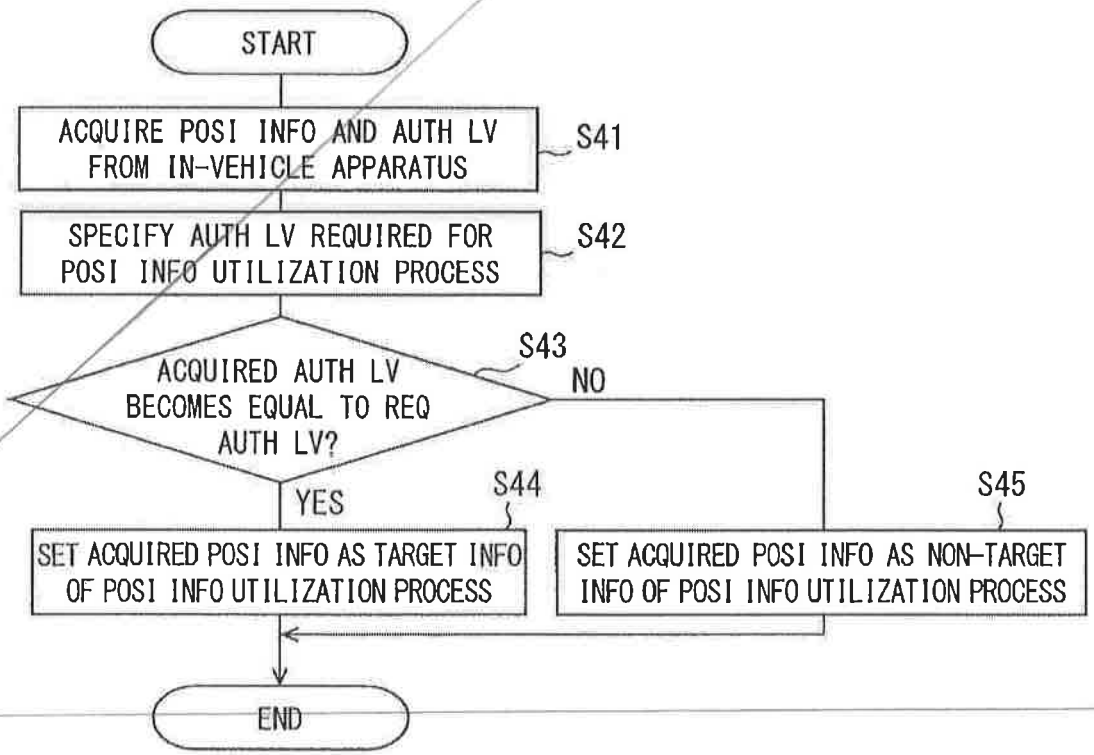

START
ACQUIRE POSI INFO AND AUTH LV FROM IN-VEHICLE APPARATUS
S41
SPECIFY AUTH LV REQUIRED FOR POSI INFO UTILIZATION PROCESS
S42
ACQUIRED AUTH LV BECOMES EQUAL TO REQ AUTH LV?
S43
NO
YES
S44
SET ACQUIRED POSI INFO AS TARGET INFO OF POSI INFO UTILIZATION PROCESS
S45
SET ACQUIRED POSI INFO AS NON-TARGET INFO OF POSI INFO UTILIZATION PROCESS
END

FIG. 5

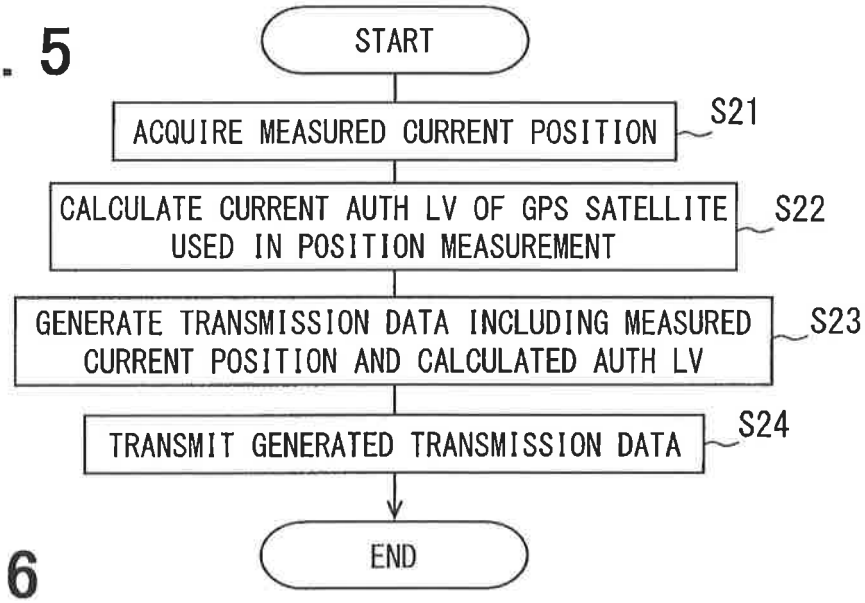
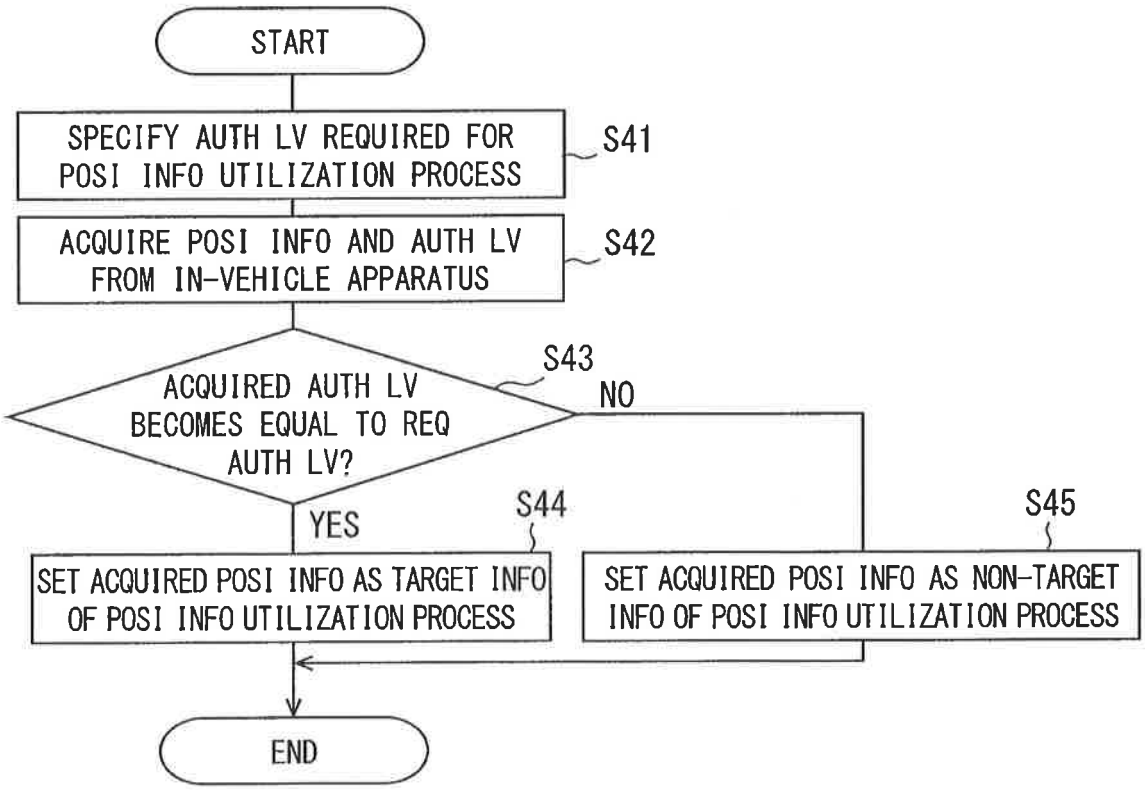

START
ACQUIRE MEASURED CURRENT POSITION
S21
CALCULATE CURRENT AUTH LV OF GPS SATELLITE USED IN POSITION MEASUREMENT
S22
GENERATE TRANSMISSION DATA INCLUDING MEASURED CURRENT POSITION AND CALCULATED AUTH LV
S23
TRANSMIT GENERATED TRANSMISSION DATA
S24
END

FIG. 6


START
SPECIFY AUTH LV REQUIRED FOR POSI INFO UTILIZATION PROCESS
S41
ACQUIRE POSI INFO AND AUTH LV FROM IN-VEHICLE APPARATUS
S42
ACQUIRED AUTH LV BECOMES EQUAL TO REQ AUTH LV?
S43
NO
YES
S44
S45
SET ACQUIRED POSI INFO AS TARGET INFO OF POSI INFO UTILIZATION PROCESS
SET ACQUIRED POSI INFO AS NON-TARGET INFO OF POSI INFO UTILIZATION PROCESS
END