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(54) **PERFORMANCE VERIFICATION OF AN IMAGE SENSOR MOUNTED TO A VEHICLE**

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(57) **ABSTRACT**

Provided are methods for verifying the performance of an image sensor mounted to a vehicle, which can include causing alignment of a collimator with an image sensor mounted to a vehicle, receiving sensor data associated with the image sensor based at least in part on causing the alignment of the collimator with the image sensor, determining that the sensor data does not satisfy a performance specification associated with the image sensor, determining an image sensor alert associated with the image sensor based at least in part on determining that the sensor data does not satisfy the performance specification associated with the image sensor, and routing the image sensor alert.