

April 20, 2001

Statement of Hugh Gibbons In Connection with Authorization of a Class-II Change

Motorola Automotive and Industrial Electronics Group

Lojack III Uplink Unit FCC ID: IDI LJU-03U

I hold a Master of Science degree in Electrical Engineering from the University of Colorado and am employed as an Electrical Engineer with Motorola AIEG. I have been employed with Motorola for 5 years and have experience in radio communications equipment. I have examined the design of the LJU-03U product with the modifications proposed and find that there are no changes to the basic frequency determining and stabilizing circuitry, frequency multiplication stages, modulator circuit or maximum power or field strength ratings and that a new grant of certification is not required. In tests I personally conducted, I found that harmonic emissions were slightly affected by the design change, which modifies only the output stage of the power amplifier. The changes to the design are completely described in the accompanying Expository Statement. Measurements of output power and spurious conducted and spurious radiated power were performed by Carl T. Jones Corporation to verify that they still comply with the regulatory standards of the applicable Parts.

Hugh Gibbons

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