



3590 North 1<sup>ST</sup> Street, Suite 300, San Jose, CA 95134  
www.gainspan.com

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FEDERAL COMMUNICATIONS COMMISSIONS

Authorization and Evaluation Division  
7435 Oakland Mills Road  
Columbia, MD 21046

Subject: Application for Modular Transmitter Approval for FCC ID: YOPGS2011MIE

To whom it may concern:

GainSpan Corporation hereby submits the Application for Modular Transmitter Approval of its Low Power Wi-Fi Module, Model No. GS2011MIE that is designed with the required characteristics for the subject:

1. GS2011MIE has its own RF shielding and does not rely upon the shielding provided by the device into which it is installed in order for all modular transmitter emissions to comply with Part 15 limits.
2. GS2011MIE has the buffered modulation/data inputs to ensure that the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation.
3. GS2011MIE has its own power supply regulation and does not rely on the design of the power supplying circuitry in the device into which the module is installed.
4. GS2011MIE complies with the antenna requirements of Section 15.203 and 15.204(c). The off-board antenna is connected to the RF port of the module through the on-board RF connector. The two (2) antennas used with the module are approved with the module at the time of initial authorization.
5. GS2011MIE is tested in a stand-alone configuration and not inside another device during testing.
6. GS2011MIE will be labeled with its own FCC ID number: YOPGS2011MIE
7. The product data sheet or user manual for the GS2011MIE is included with this application for equipment authorization.
8. GS2011MIE complies with the applicable RF exposure requirements in accordance with FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g).

Sincerely Yours,

Thai Nguyen/VP of Engineering  
3590 N. 1<sup>ST</sup> Street, Suite 300  
San Jose, CA 95134